

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112569.D
 Acq On : 14 Feb 2019 15:52
 Operator : JU/SJ
 Sample : K1350-05MSD 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

Manual Integrations
 APPROVED

Quant Time: Feb 15 06:33:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85477	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	324157	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	150484	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	292974	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	258722	20.00	ng	0.00
87) Perylene-d12	15.49	264	185730	20.00	ng	0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	130350	32.39	ng	-0.01
7) Phenol-d6	6.48	99	163695	29.27	ng	-0.01
23) Nitrobenzene-d5	7.39	82	99251	17.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	46785	26.71	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	205807	19.34	ng	-0.02
79) Terphenyl-d14	12.94	244	237373	17.28	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	14442	9.009	ng	# 91
3) Pyridine	3.36	79	31229	7.658	ng	94
4) n-Nitrosodimethylamine	3.28	42	16842m	9.830	ng	
6) Aniline	6.50	93	27641	4.155	ng	# 20
8) 2-Chlorophenol	6.63	128	51195	9.457	ng	98
9) Benzaldehyde	6.39	77	15920	5.447	ng	93
10) Phenol	6.49	94	68943	11.238	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	46394	9.606	ng	99
12) 1,3-Dichlorobenzene	6.77	146	57843	9.175	ng	99
13) 1,4-Dichlorobenzene	6.85	146	58760	9.056	ng	98
14) 1,2-Dichlorobenzene	7.00	146	56954	9.375	ng	97
15) Benzyl Alcohol	6.98	79	42445	9.004	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.10	45	54311	8.758	ng	# 16
17) 2-Methylphenol	7.10	107	37815	8.812	ng	# 86
18) Hexachloroethane	7.34	117	19178	8.417	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	35744	9.270	ng	97
20) 3+4-Methylphenols	7.26	107	52769	9.616	ng	# 62
22) Acetophenone	7.24	105	74941	9.494	ng	93
24) Nitrobenzene	7.41	77	47687	8.487	ng	97
25) Isophorone	7.65	82	90385	10.241	ng	98
26) 2-Nitrophenol	7.73	139	21597	7.193	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	42739	10.331	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	57192	9.517	ng	100
29) 2,4-Dichlorophenol	8.00	162	41487	8.961	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	46599	8.757	ng	99
31) Naphthalene	8.13	128	152335	10.049	ng	98
32) Benzoic acid	7.90	122	8309	3.521	ng	93
33) 4-Chloroaniline	8.20	127	29720	4.503	ng	98
34) Hexachlorobutadiene	8.25	225	27237	8.722	ng	96
35) Caprolactam	8.53	113	12693	7.772	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	41098	8.386	ng	99
37) 2-Methylnaphthalene	8.83	142	104898	10.108	ng	95
38) 1-Methylnaphthalene	8.93	142	97285	9.781	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	45148	9.138	ng	99

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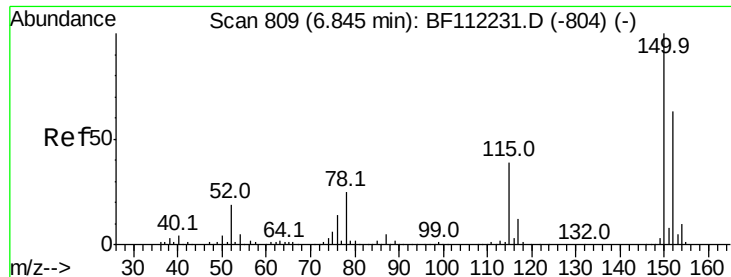
Instrument :
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 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	28208	9.262	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	27691	8.699	nq	# 90
46) 1,1'-Biphenyl	9.29	154	124767	9.484	nq	98
47) 2-Chloronaphthalene	9.32	162	91354	8.955	nq	96
48) 2-Nitroaniline	9.42	65	25838	9.292	nq	# 79
49) Acenaphthylene	9.73	152	145355	9.721	nq	99
50) Dimethylphthalate	9.58	163	122042	10.438	nq	98
51) 2,6-Dinitrotoluene	9.65	165	21123	8.067	nq	# 66
52) Acenaphthene	9.90	154	83354	9.332	nq	99
53) 3-Nitroaniline	9.83	138	21249	7.490	nq	97
55) Dibenzofuran	10.07	168	126659	9.279	nq	93
56) 4-Nitrophenol	10.04	139	15456	10.305	nq	87
57) 2,4-Dinitrotoluene	10.07	165	26669	8.000	nq	# 62
58) Fluorene	10.42	166	101377	9.924	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	22863	9.505	nq	# 99
60) Diethylphthalate	10.27	149	113622	9.793	nq	96
61) 4-Chlorophenyl-phenylether	10.40	204	49697	8.944	nq	94
62) 4-Nitroaniline	10.45	138	21437	7.704	nq	91
63) Azobenzene	10.56	77	90954	8.913	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	250	0.152	nq	# 1
66) n-Nitrosodiphenylamine	10.52	169	92105	9.328	nq	97
67) 4-Bromophenyl-phenylether	10.89	248	28610	8.303	nq	94
68) Hexachlorobenzene	10.97	284	31690	8.572	nq	98
69) Atrazine	11.05	200	30559	9.591	nq	97
70) Pentachlorophenol	11.18	266	17874	12.425	nq	94
71) Phenanthrene	11.38	178	153368	10.069	nq	97
72) Anthracene	11.43	178	153859	10.141	nq	98
73) Carbazole	11.59	167	138258	9.238	nq	97
74) Di-n-butylphthalate	11.90	149	190594	10.260	nq	98
75) Fluoranthene	12.57	202	170073	10.411	nq	97
77) Benzidine	12.69	184	75801	10.645	nq	95
78) Pyrene	12.81	202	173086	9.663	nq	97
80) Butylbenzylphthalate	13.40	149	83808	9.670	nq	94
81) Benzo(a)anthracene	14.00	228	147530	9.700	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	41787	7.341	nq	99
83) Chrysene	14.03	228	139091	9.581	nq	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	133995	10.892	nq	97
85) Di-n-octyl phthalate	14.57	149	208371	11.009	nq	# 93
86) Indeno(1,2,3-cd)pyrene	16.98	276	93258	8.107	nq	95
88) Benzo(b)fluoranthene	15.05	252	114745	10.330	nq	95
89) Benzo(k)fluoranthene	15.08	252	106314	9.992	nq	98
90) Benzo(a)pyrene	15.43	252	97125	9.718	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	83465	10.362	nq	100
92) Benzo(g,h,i)perylene	17.44	276	78118	10.279	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



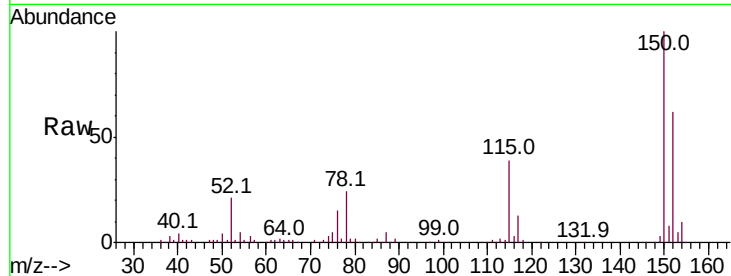
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
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ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.4	191.0
115	62.8	45.5	68.3

Manual Integrations
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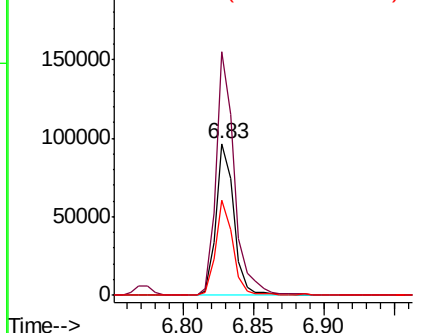
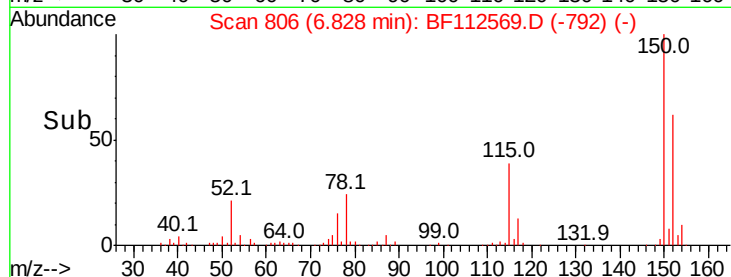


Abundance

Ion 152.00 (151.70 to 152.70): E

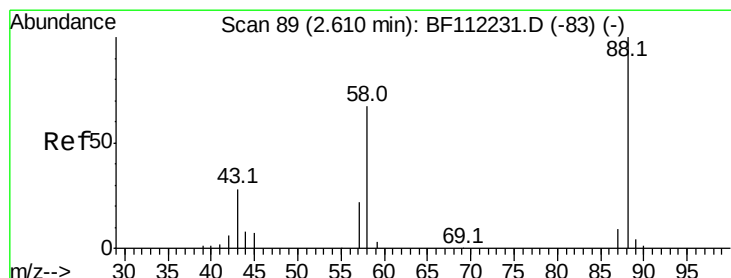
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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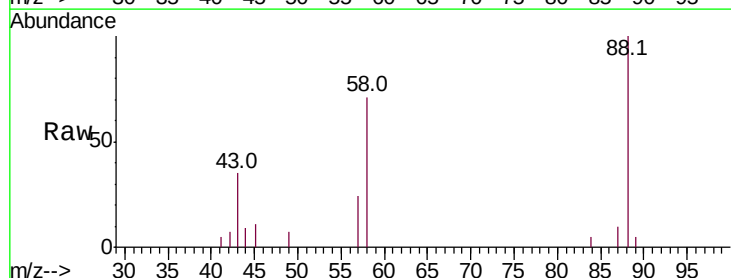
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#2

1,4-Dioxane
Concen: 9.009 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.05 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.4	86.2
43	37.9	22.2	33.4

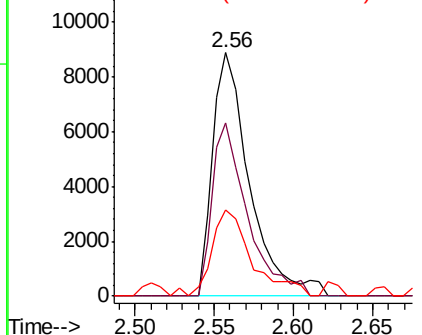
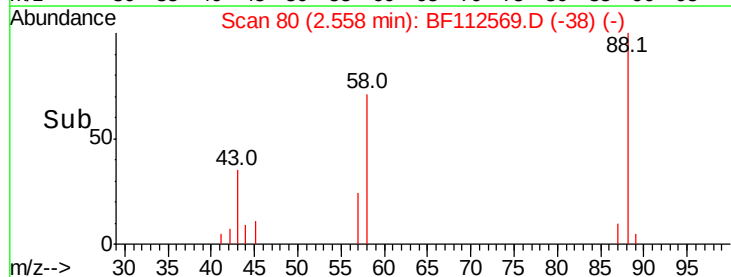


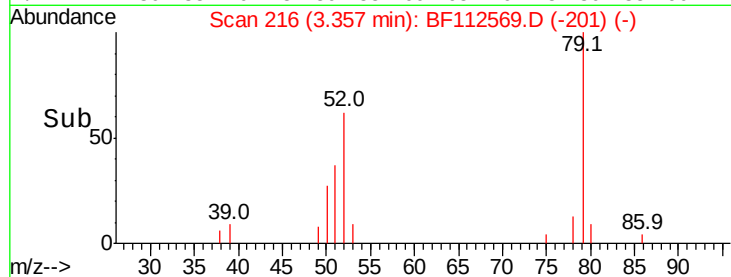
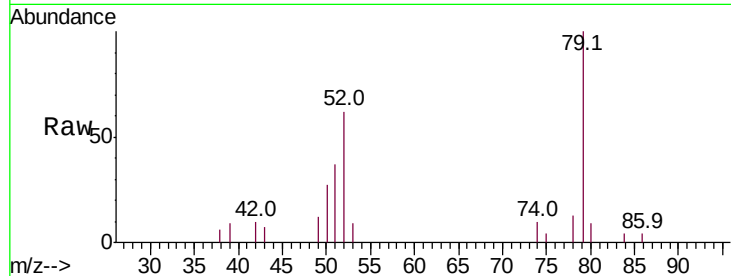
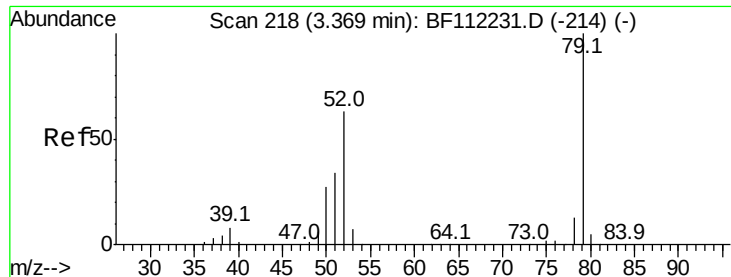
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



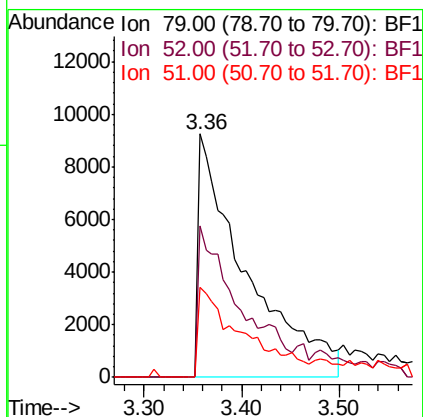


#3
Pvridine
Concen: 7.658 ng
RT: 3.36 min Scan# 216
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	52.4	78.6
51	37.1	26.1	39.1

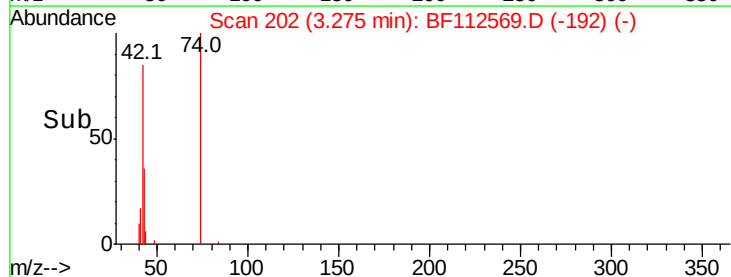
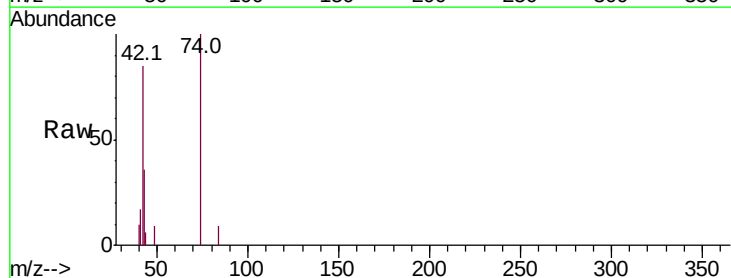
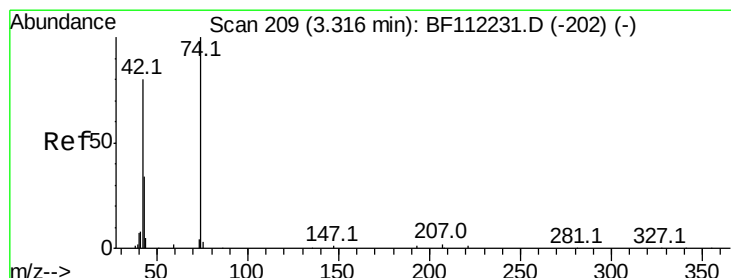
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Manual Integrations
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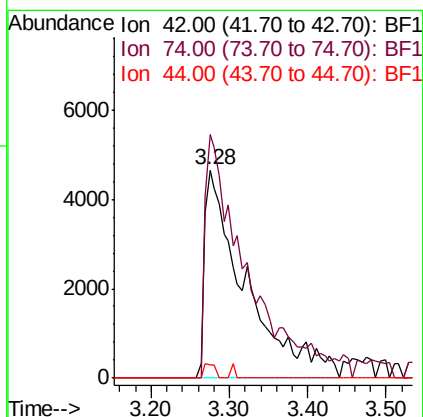
Sohil

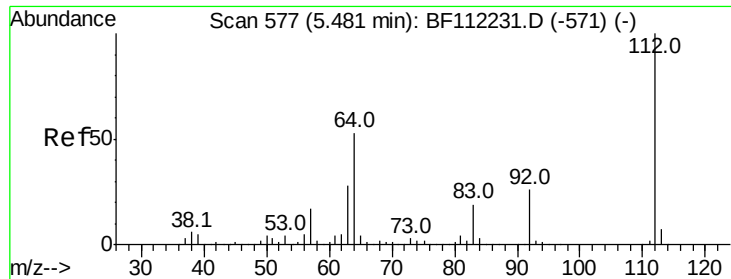
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#4
n-Nitrosodimethylamine
Concen: 9.830 ng m
RT: 3.28 min Scan# 202
Delta R.T. -0.04 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.1	105.6	158.4
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 32.391 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

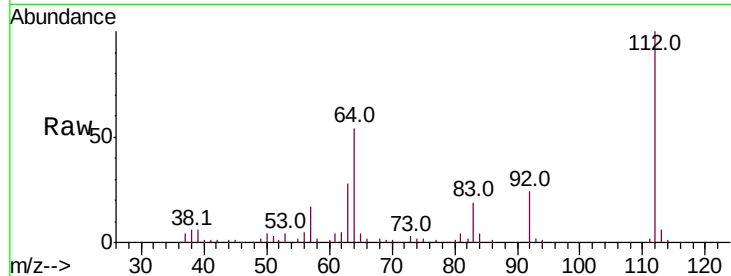
BNA_F

ClientSampleId :

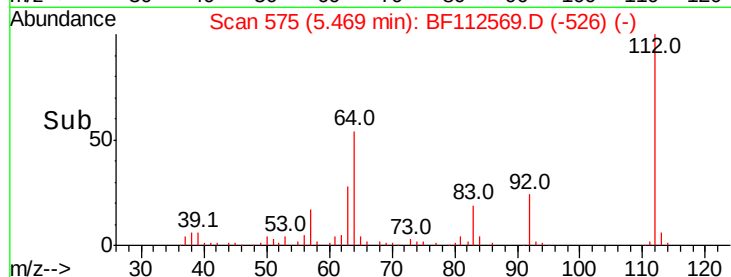
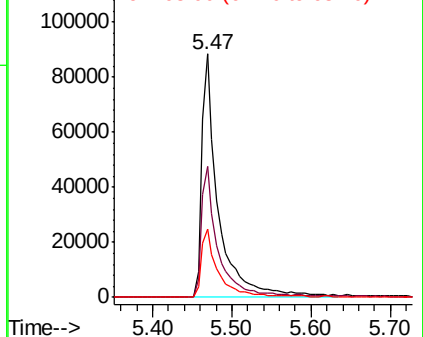
EO-02-021319-AMSD

Tot Ion:	112	Resp:	130350
Ion Ratio	Lower	Upper	
112	100		
64	53.7	45.7	68.5
63	28.1	23.6	35.4

Manual Integrations
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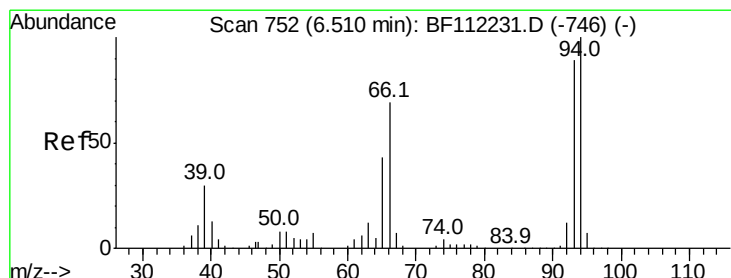


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 4.155 ng

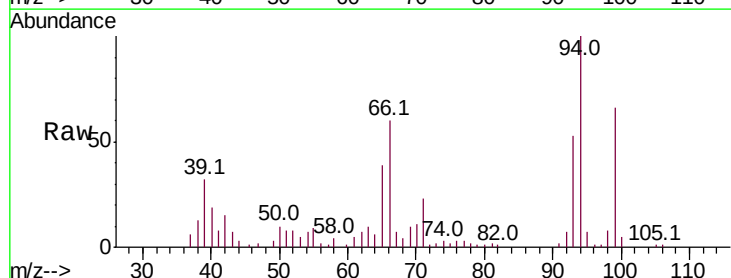
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

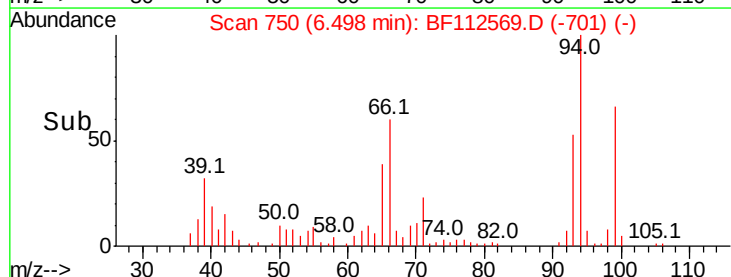
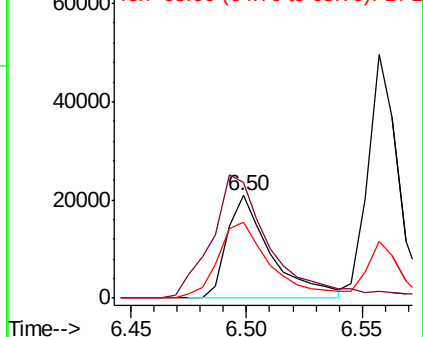
Lab File: BF112569.D

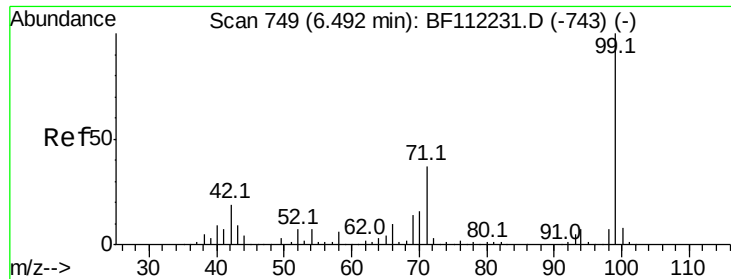
Acq: 14 Feb 2019 15:52

Tgt Ion:	93	Resp:	27641
Ion Ratio	Lower	Upper	
93	100		
66	113.5	43.4	65.2#
65	73.7	25.3	37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 29.274 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

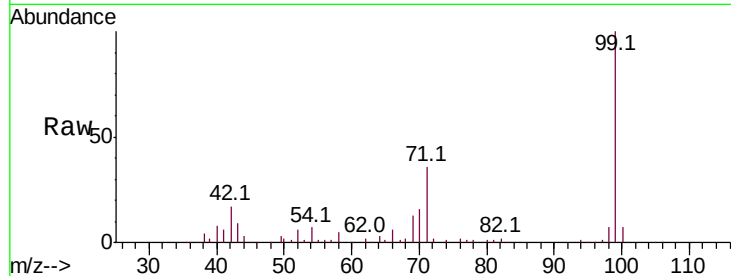
BNA_F

ClientSampleId :

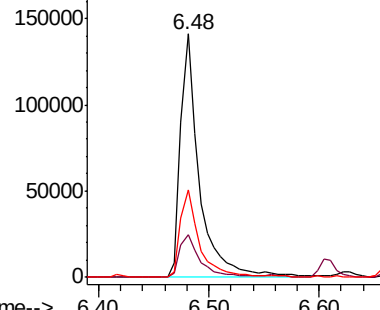
EO-02-021319-AMSD

Tot Ion:	99	Resp:	163695
Ion Ratio	Lower	Upper	
99	100		
42	17.3	15.1	22.7
71	36.0	26.9	40.3

Manual Integrations
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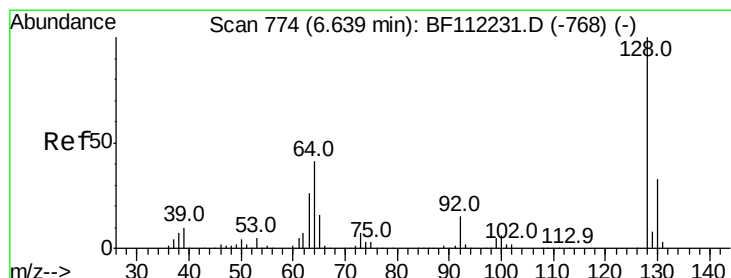
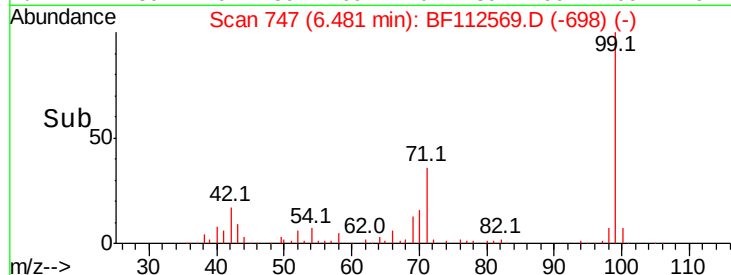


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 9.457 ng

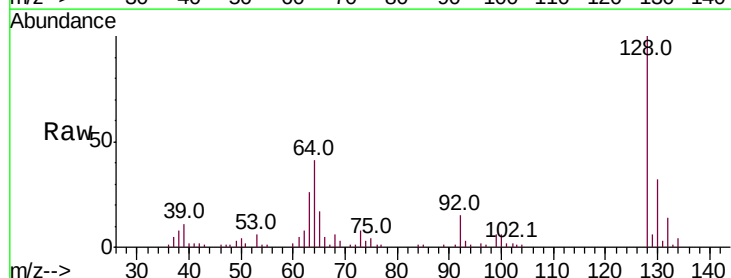
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

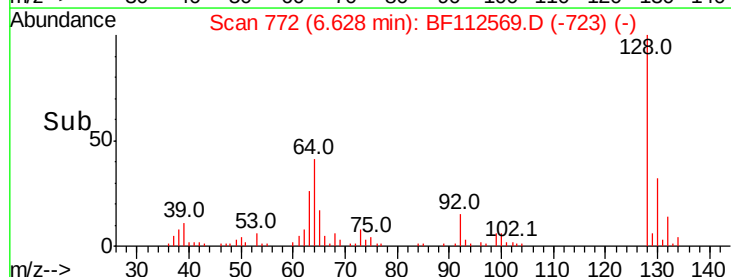
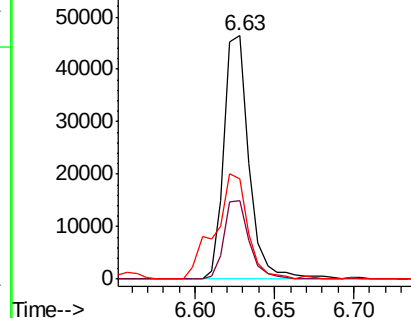
Lab File: BF112569.D

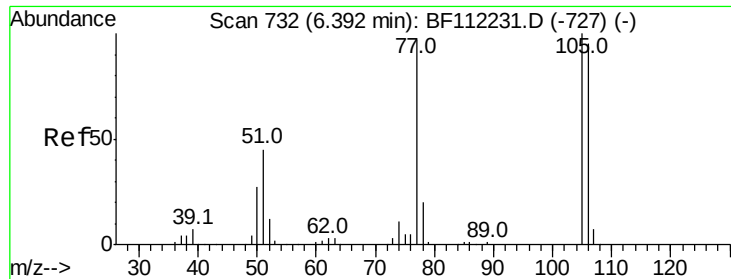
Acq: 14 Feb 2019 15:52

Tgt Ion:	128	Resp:	51195
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.4	53.4
64	41.0	20.5	60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.447 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

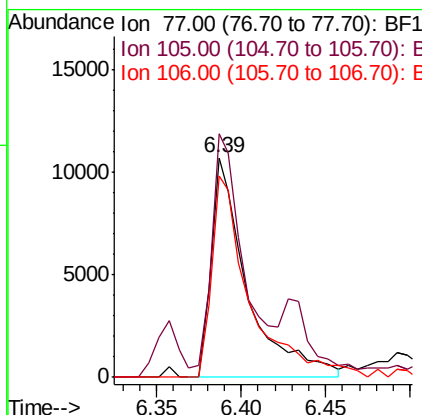
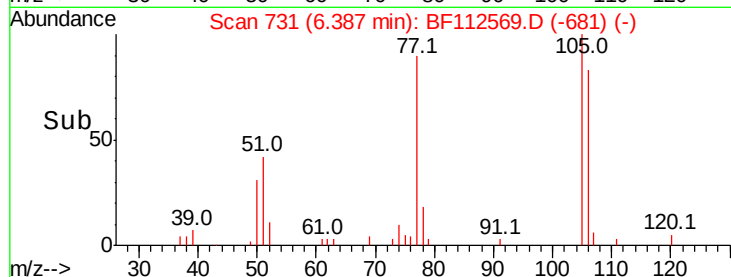
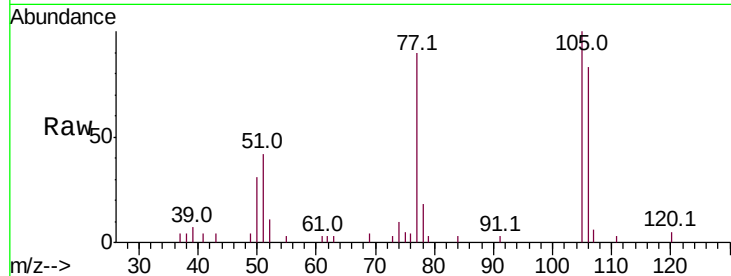
BNA_F

ClientSampled :

EO-02-021319-AMSD

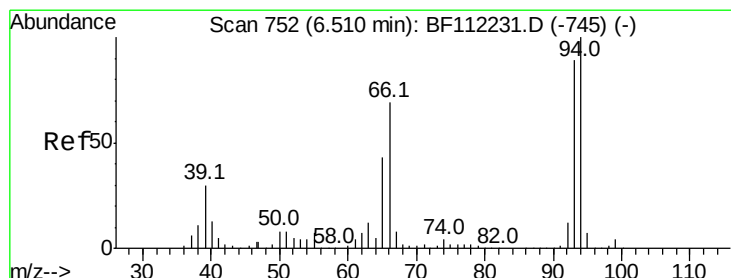
Tot Ion:	77	Resp:	15920
Ion	Ratio	Lower	Upper
77	100		
105	111.0	80.8	120.8
106	91.8	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 11.238 ng

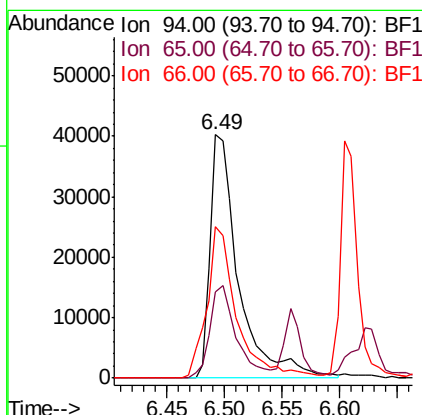
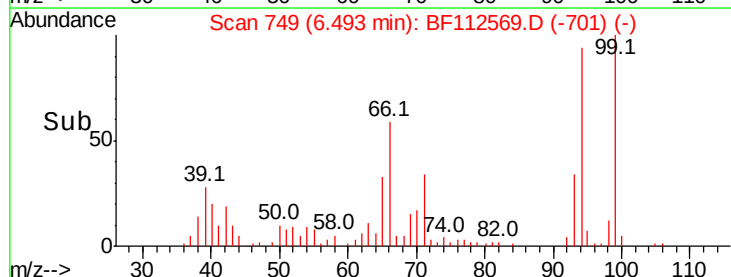
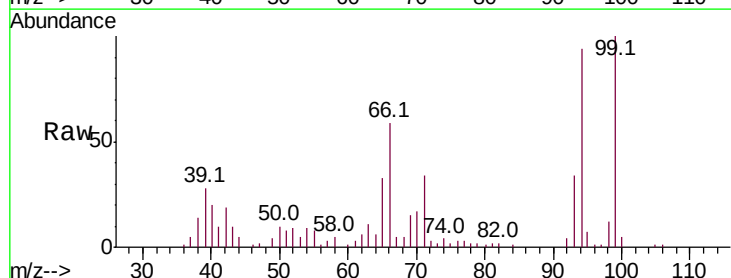
RT: 6.49 min Scan# 749

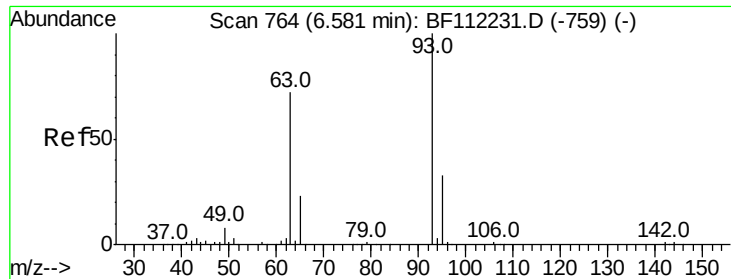
Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Tgt Ion:	94	Resp:	68943
Ion	Ratio	Lower	Upper
94	100		
65	35.2	20.3	60.3
66	62.2	42.4	82.4



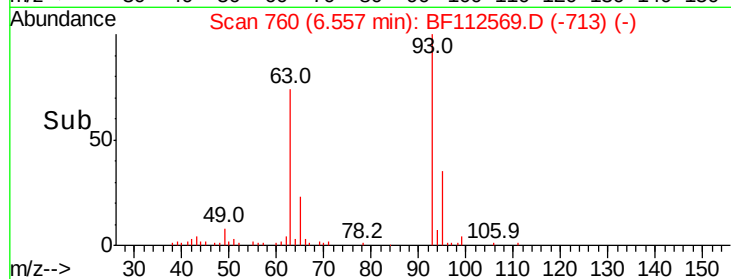
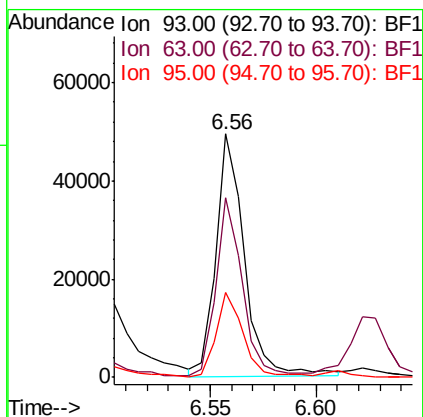
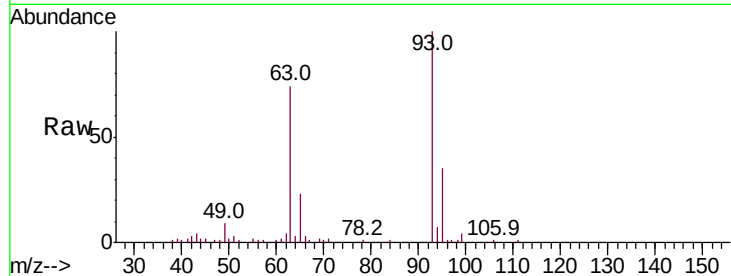


#11
bis(2-Chloroethyl)ether
Concen: 9.606 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

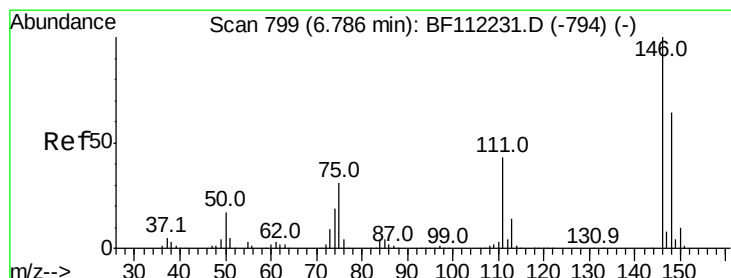
Tot Ion:	93	Resp:	46394
Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.3	93.3
95	34.8	13.4	53.4

Manual Integrations
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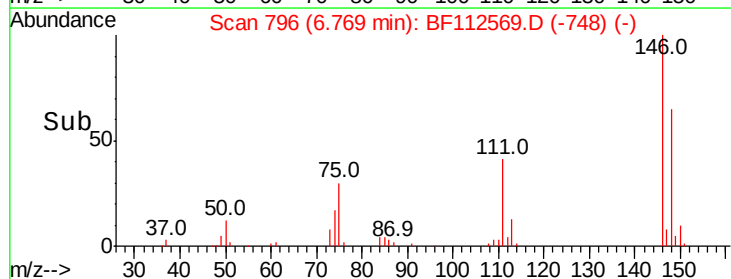
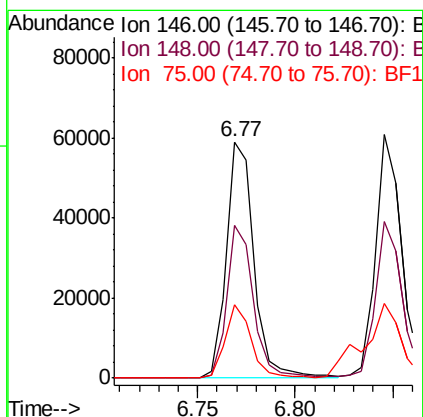
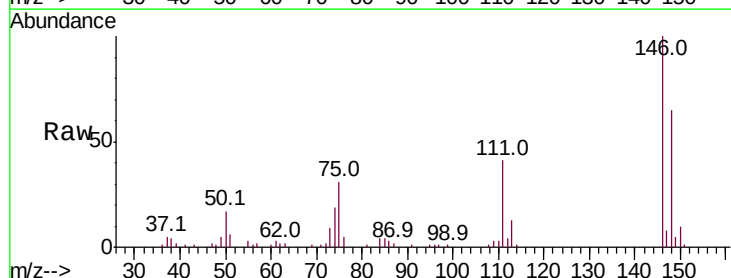
Sohil

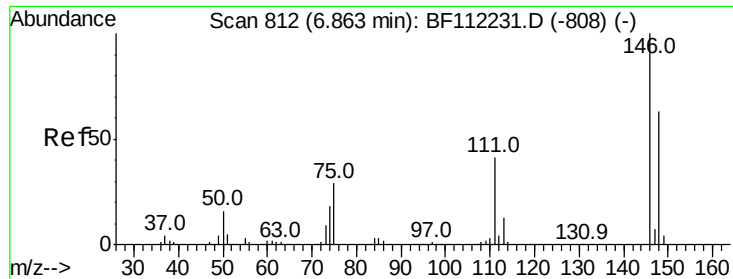
2/15/2019 4:53:12 PM



#12
1,3-Dichlorobenzene
Concen: 9.175 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion:	146	Resp:	57843
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	30.9	23.1	34.7



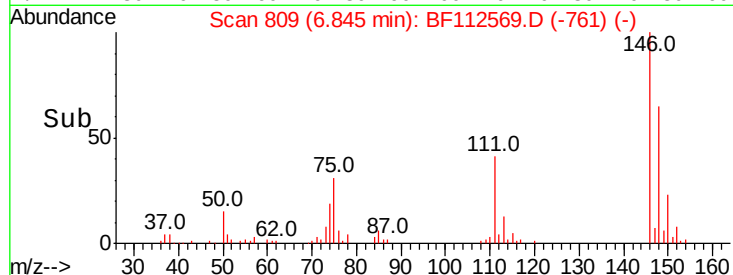
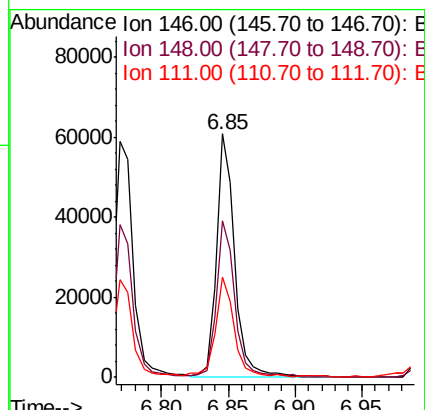
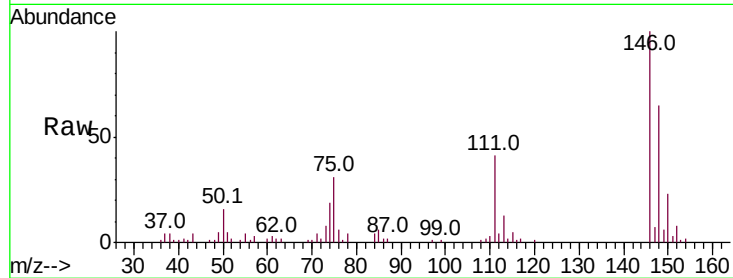


#13
 1,4-Dichlorobenzene
 Concen: 9.056 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

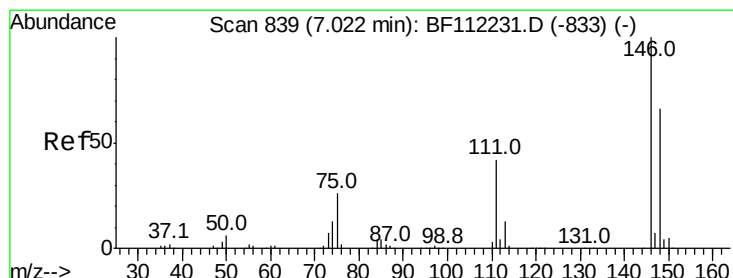
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.3	31.2	46.8

Manual Integrations
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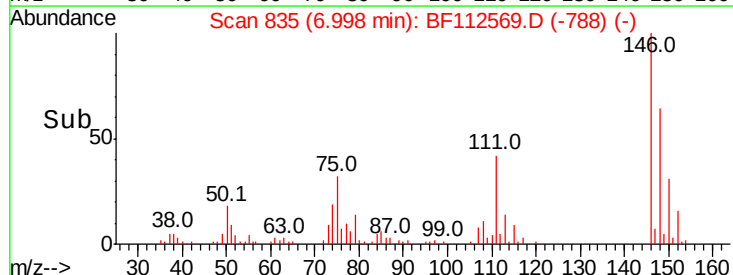
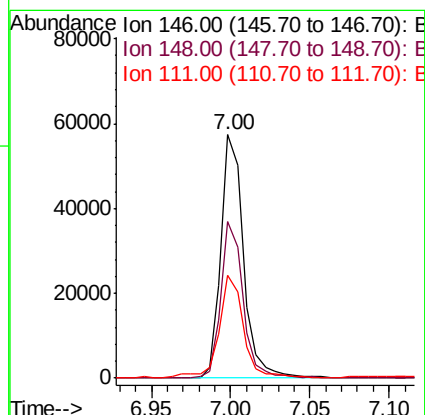
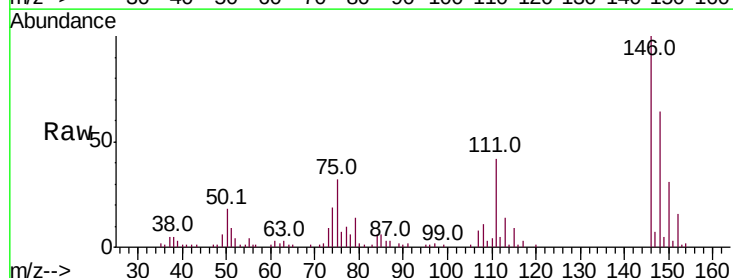
Sohil

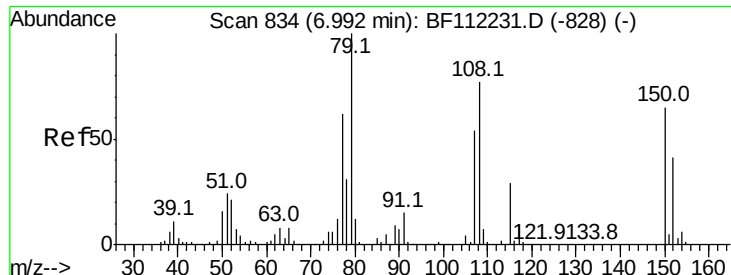
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#14
 1,2-Dichlorobenzene
 Concen: 9.375 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	42.4	31.2	46.8



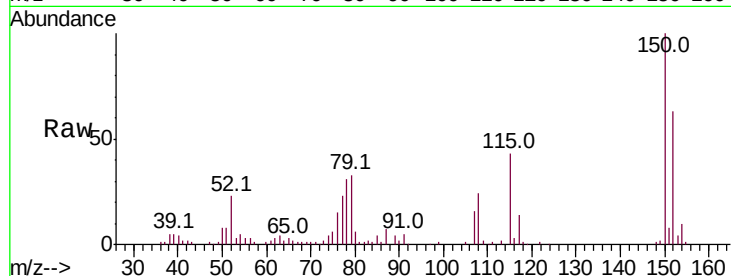


#15
Benzyl Alcohol
Concen: 9.004 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleID :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	64.2	96.2
77	70.5	50.3	75.5

Manual Integrations
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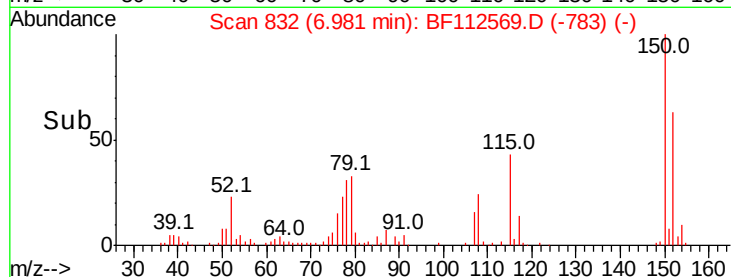
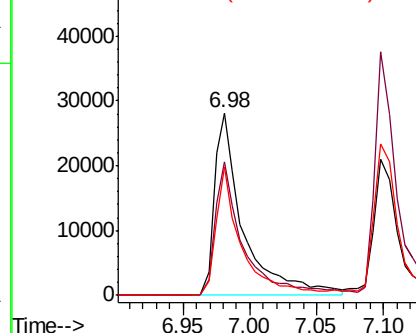


Abundance

Ion 79.00 (78.70 to 79.70): BF1

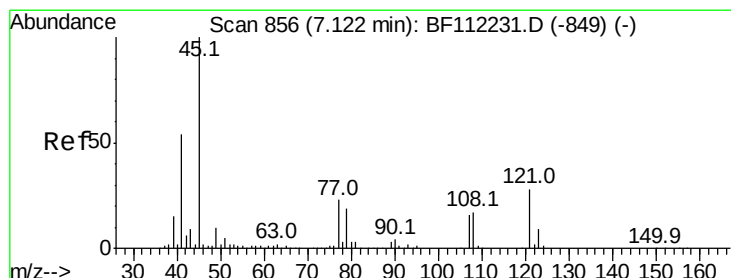
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



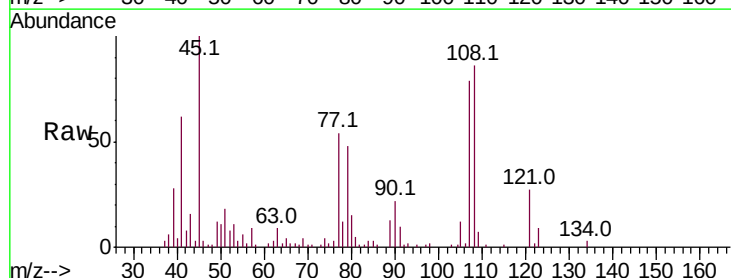
Sohil

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#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.758 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	53.7	0.0	36.9#
79	48.1	0.0	34.0#

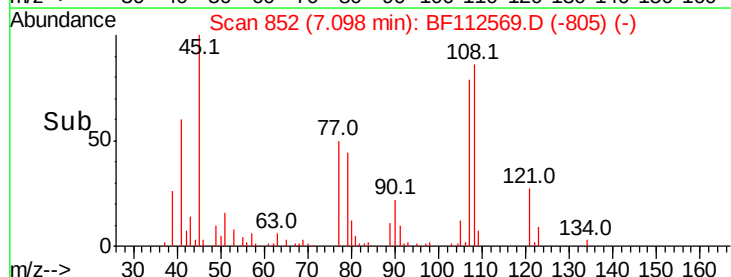
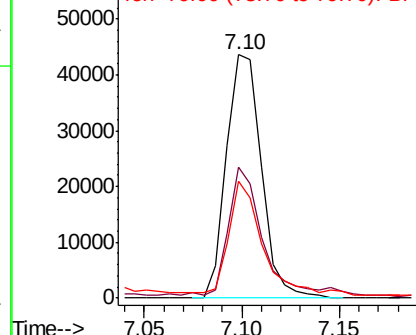


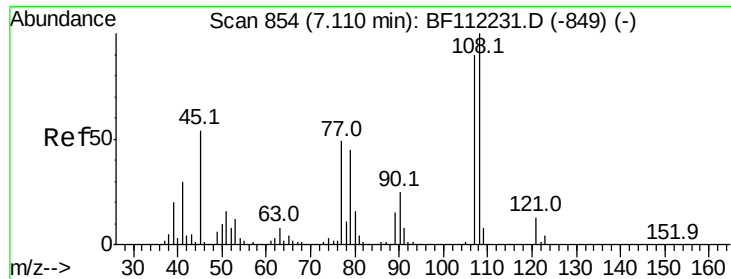
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



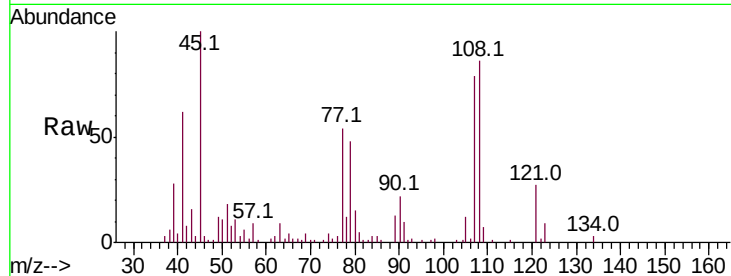


#17
2-Methylphenol
Concen: 8.812 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	91.3	136.9	
77	67.5	39.0	58.6#	
79	60.5	37.0	55.4#	

Manual Integrations
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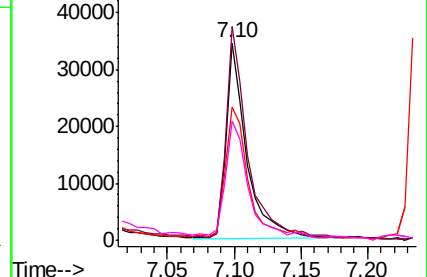
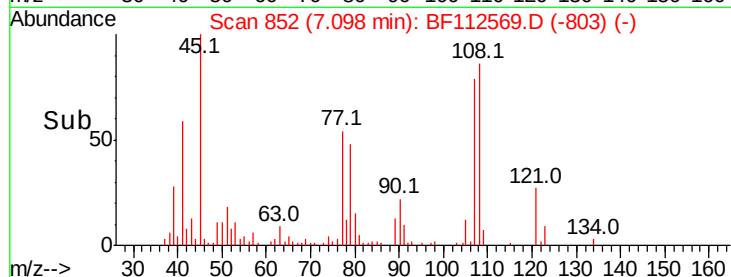
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

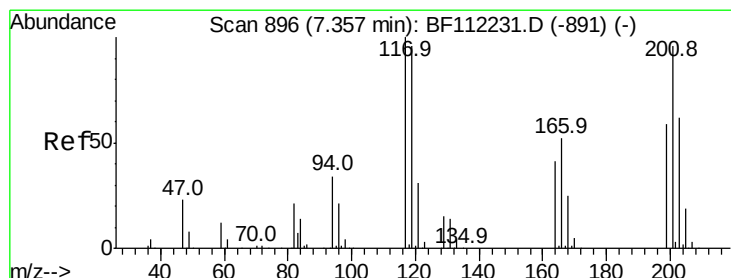
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



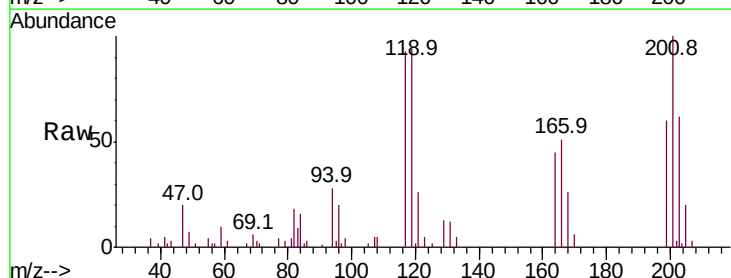
Sohil

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#18
Hexachloroethane
Concen: 8.417 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.2	77.0	115.4	
201	107.2	74.1	111.1	

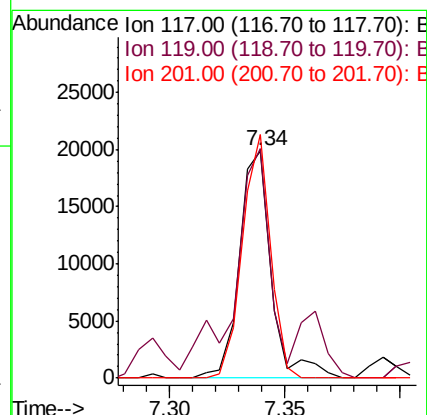
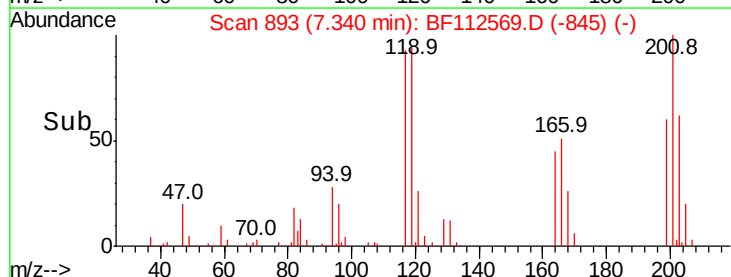


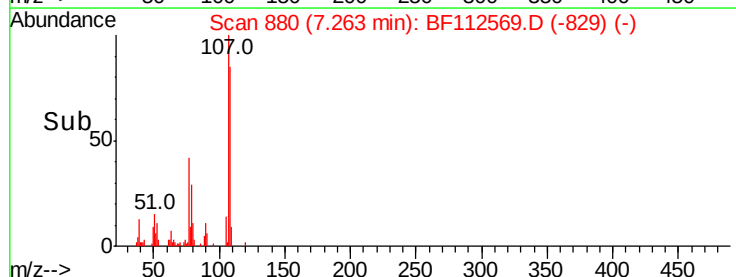
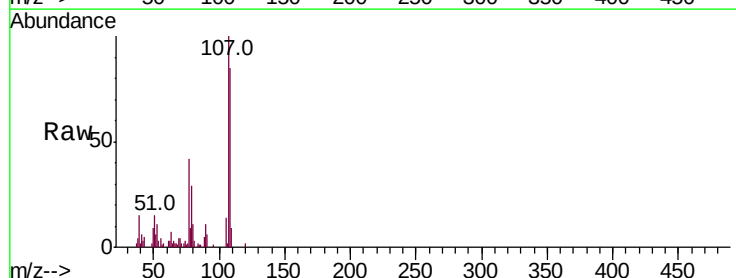
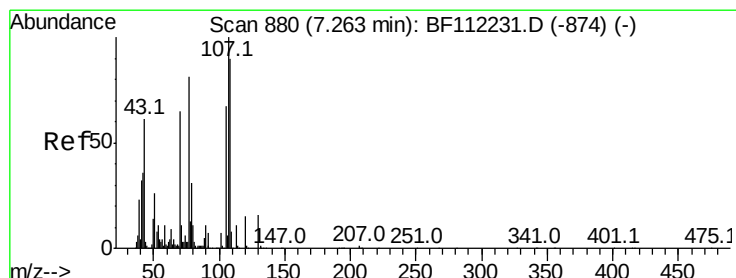
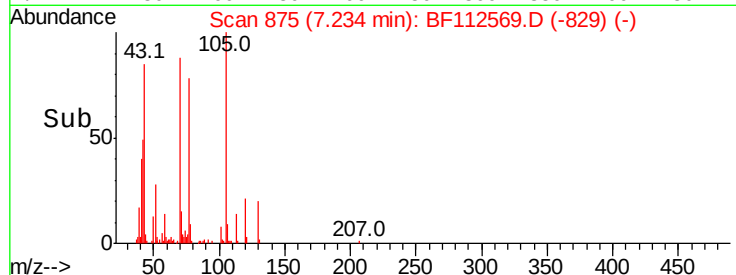
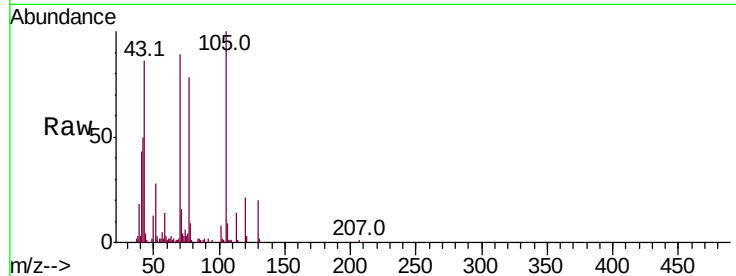
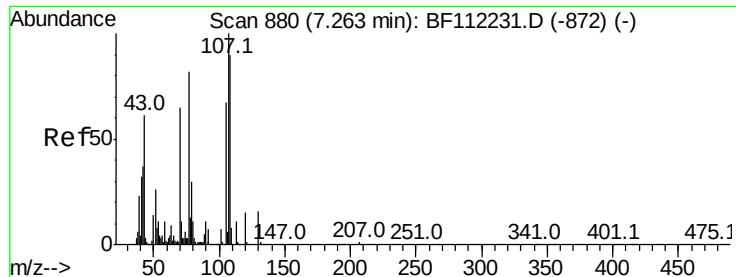
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

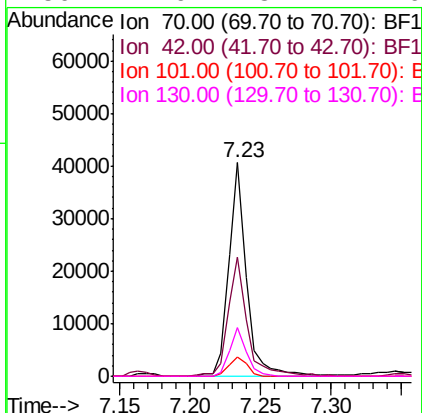
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 9.270 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tot Ion	70	Resp:	35744
Ion Ratio	Lower	Upper	
70	100		
42	55.9	47.6	71.4
101	9.0	7.9	11.9
130	22.9	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

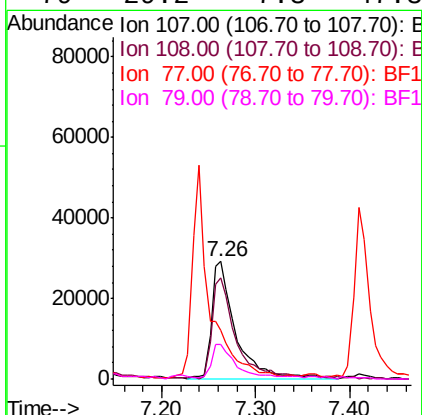
Manual Integrations
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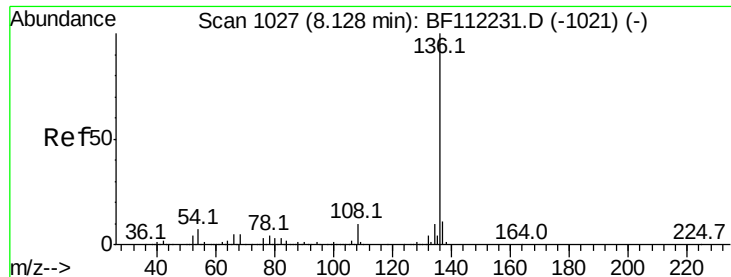
Sohil

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#20
3+4-Methylphenols
Concen: 9.616 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	107	Resp:	52769
Ion Ratio	Lower	Upper	
107	100		
108	85.5	68.2	108.2
77	41.8	100.7	140.7#
79	29.2	7.3	47.3



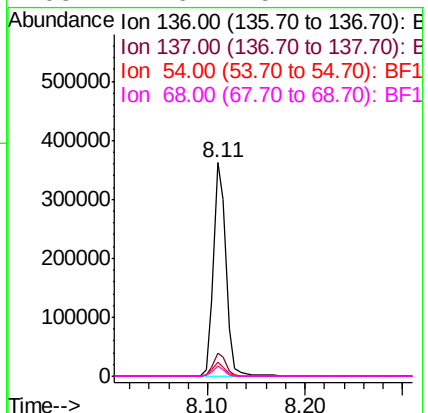
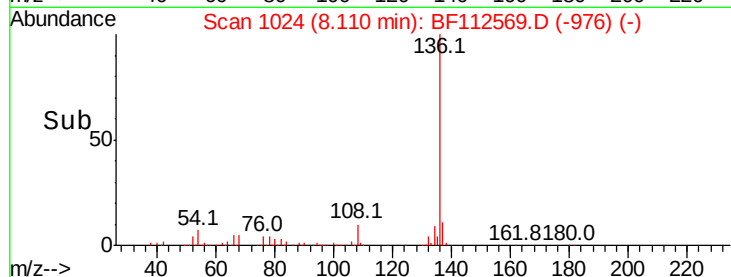
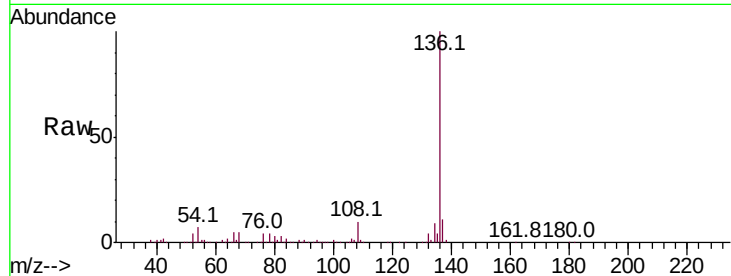


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

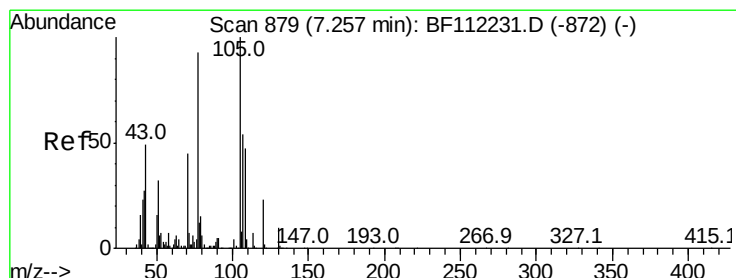
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.9	5.9	8.9	
68	4.6	5.1	7.7	

Manual Integrations
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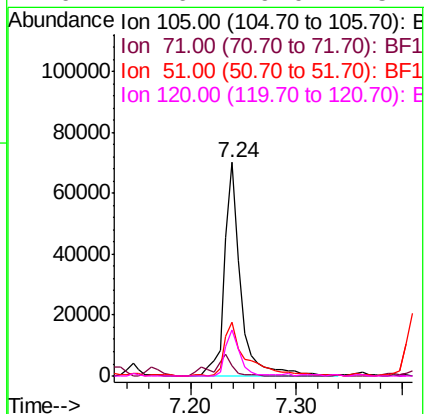
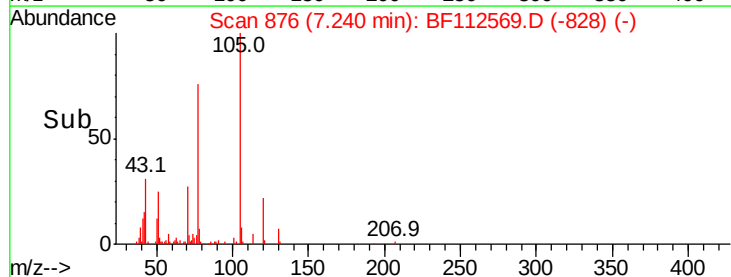
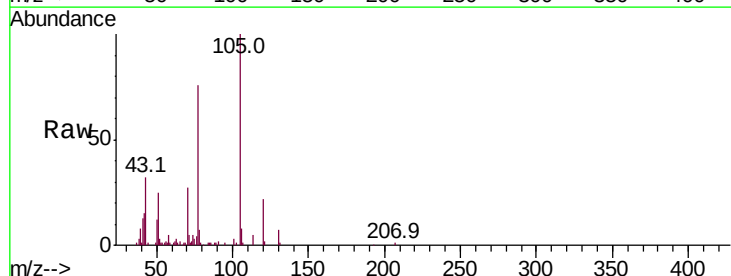
Sohil

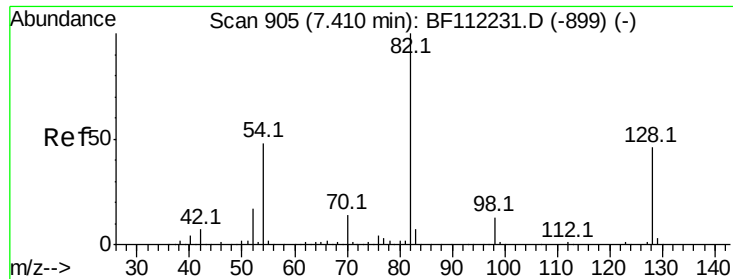
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#22
Acetophenone
Concen: 9.494 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	4.6	6.8	
51	25.5	25.0	37.6	
120	21.6	19.0	28.4	



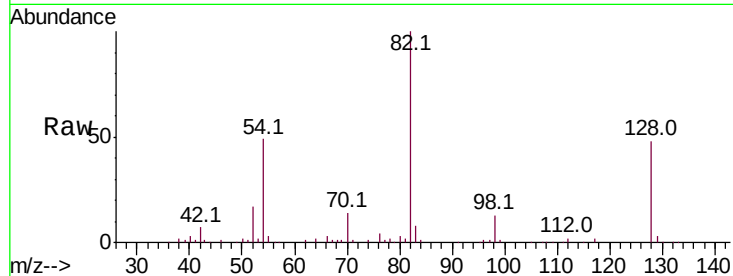


#23
Nitrobenzene-d5
Concen: 17.642 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

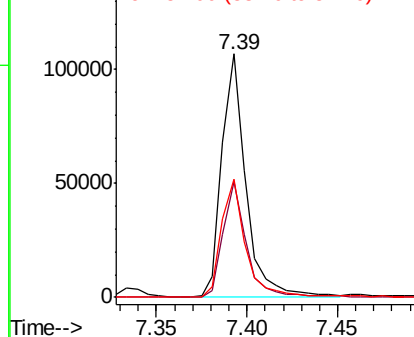
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.8	56.8
54	48.7	39.7	59.5

Manual Integrations
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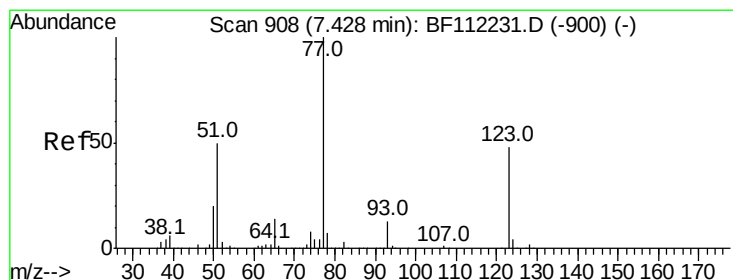
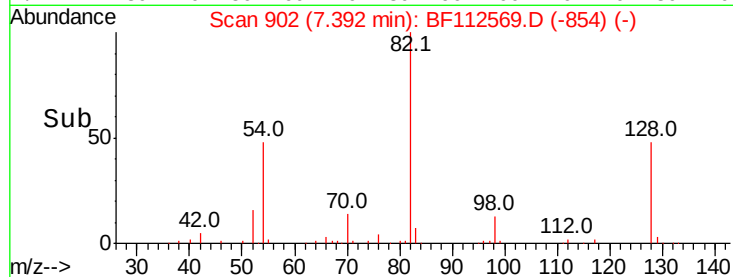


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



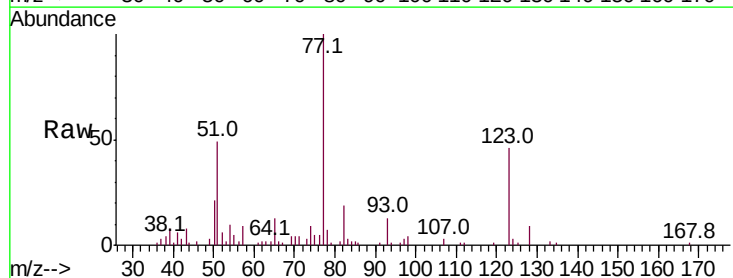
Sohil

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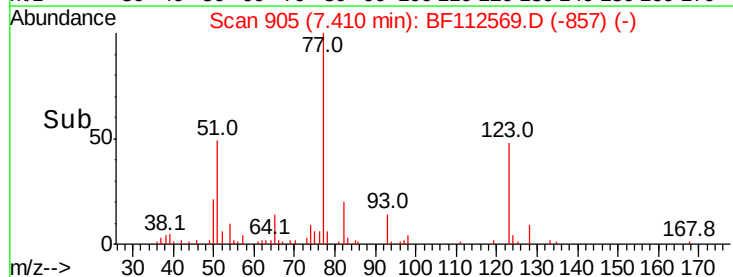
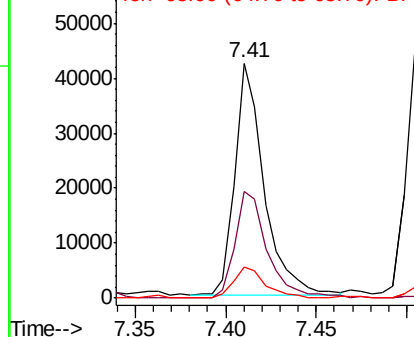


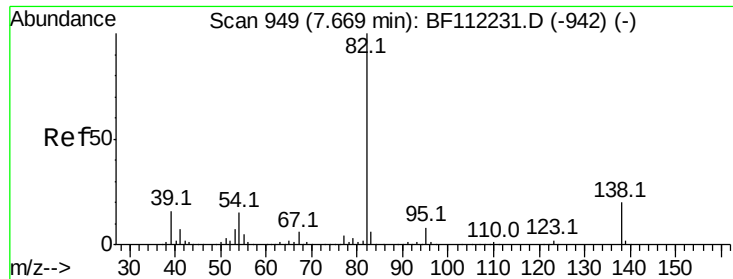
#24
Nitrobenzene
Concen: 8.487 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	38.4	57.6
65	13.0	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.241 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

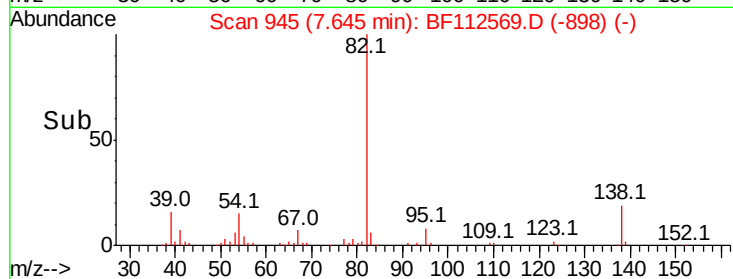
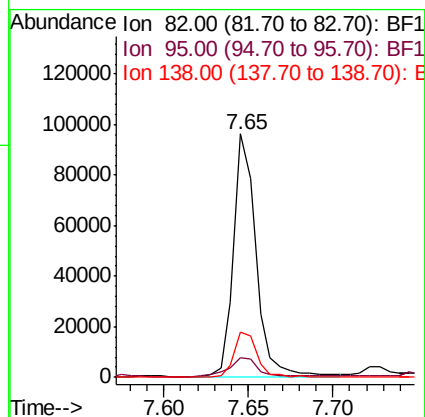
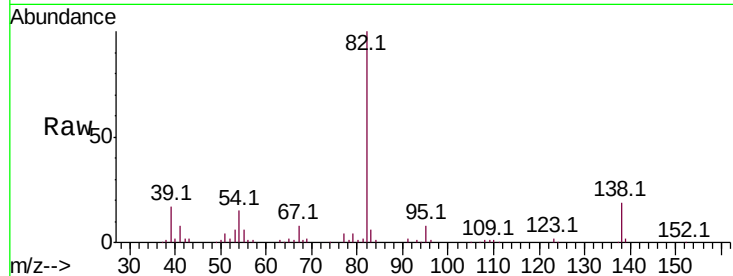
BNA_F

ClientSampleId :

EO-02-021319-AMSD

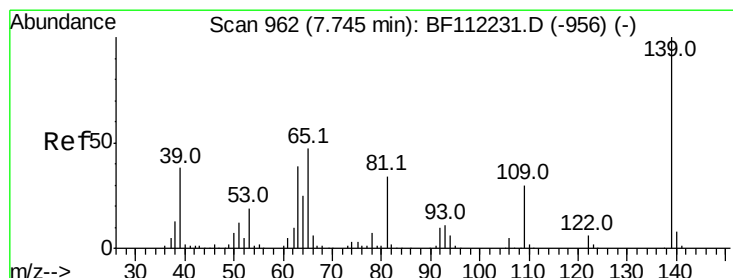
Tot Ion:	82	Resp:	90385
Ion Ratio	Lower	Upper	
82	100		
95	8.2	5.7	8.5
138	18.7	15.4	23.0

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 7.193 ng

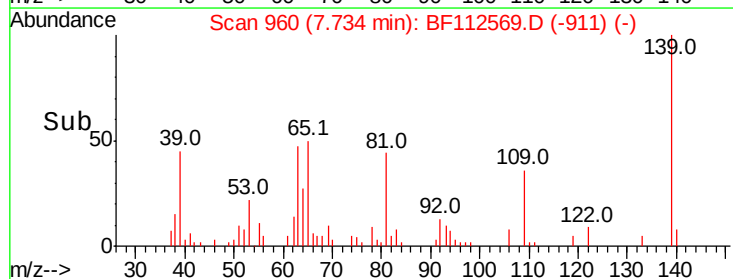
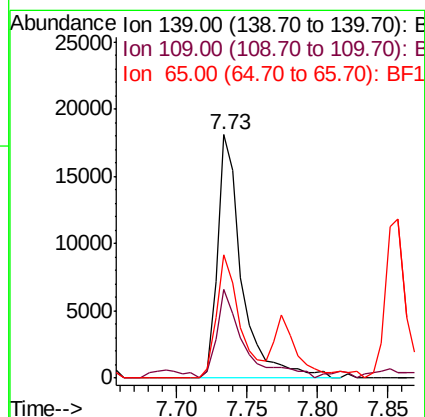
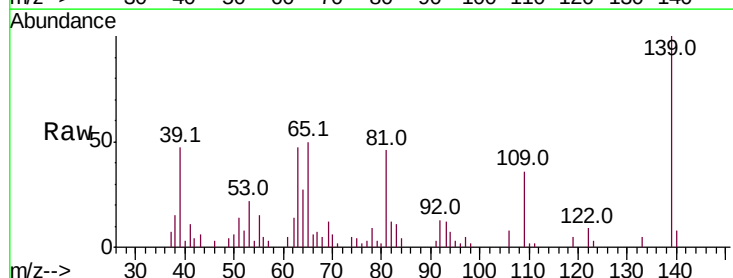
RT: 7.73 min Scan# 960

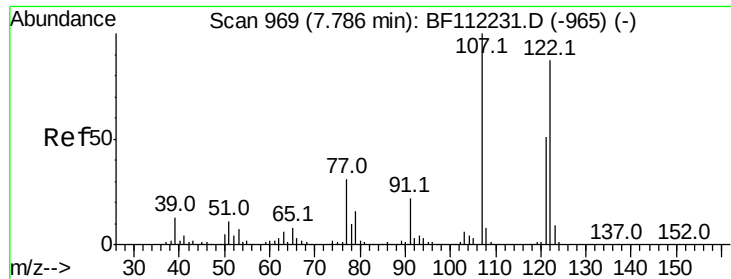
Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Tgt Ion:	139	Resp:	21597
Ion Ratio	Lower	Upper	
139	100		
109	36.4	20.8	31.2#
65	50.4	34.4	51.6



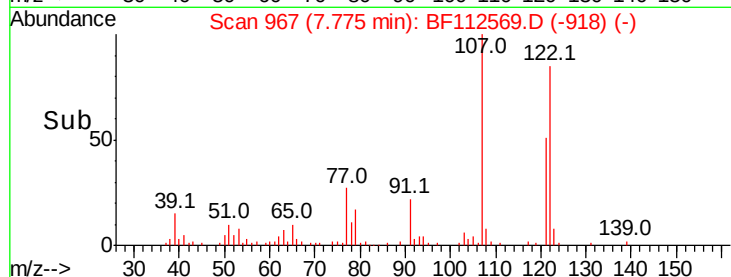
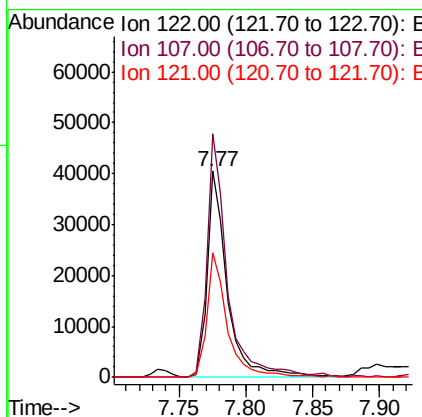
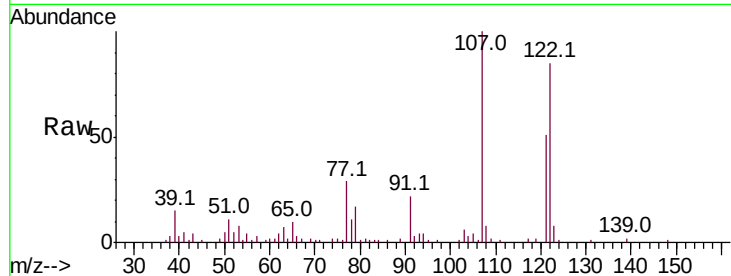


#27
2,4-Dimethylphenol
Concen: 10.331 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

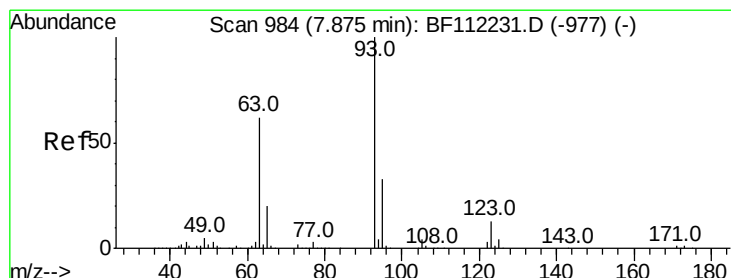
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	85.4	128.0
121	60.3	47.0	70.4

Manual Integrations
APPROVED



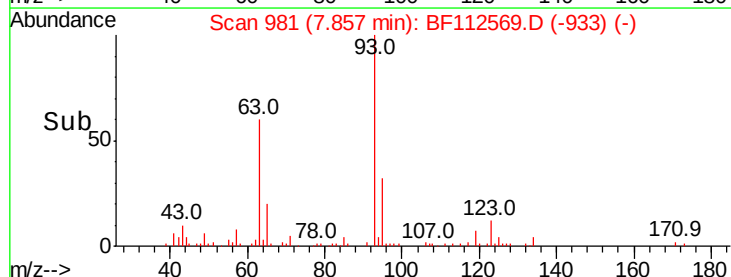
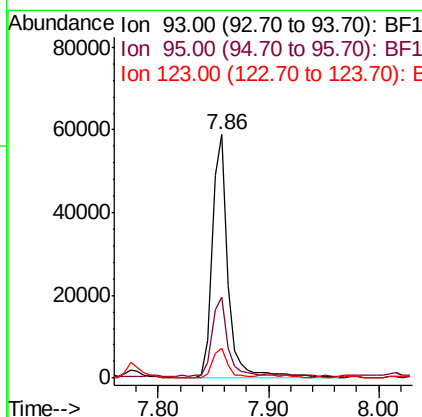
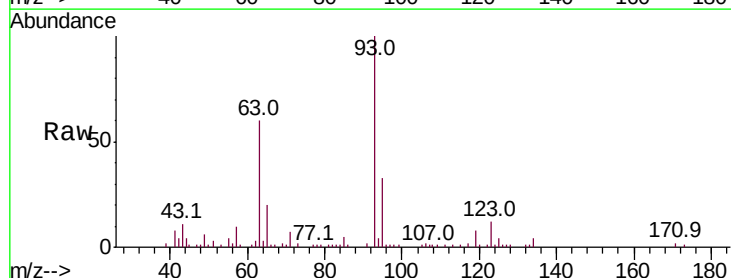
Sohil

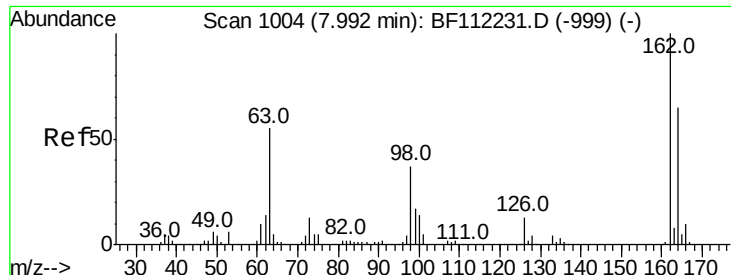
2/15/2019 4:53:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 9.517 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.8	40.2
123	12.2	10.2	15.2



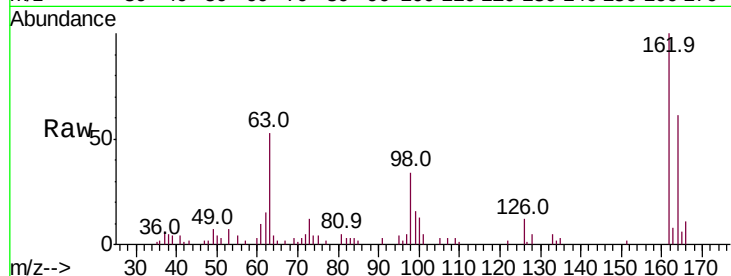


#29
2,4-Dichlorophenol
Concen: 8.961 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

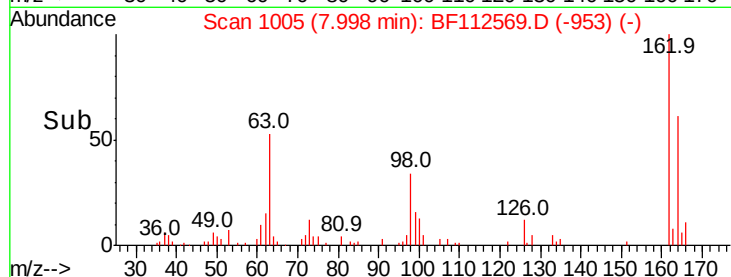
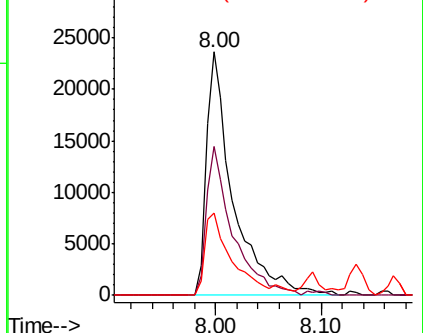
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion:	162	Resp:	41487
Ion Ratio	Lower	Upper	
162	100		
164	61.1	44.6	84.6
98	33.7	14.6	54.6

Manual Integrations
APPROVED

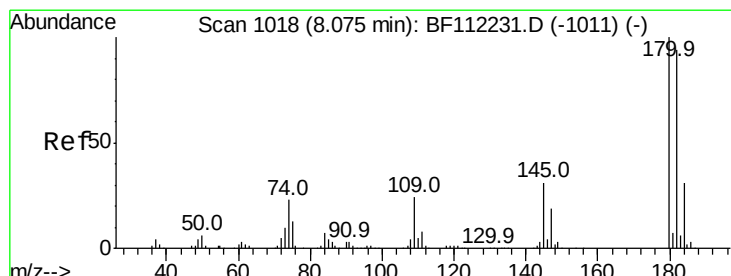


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



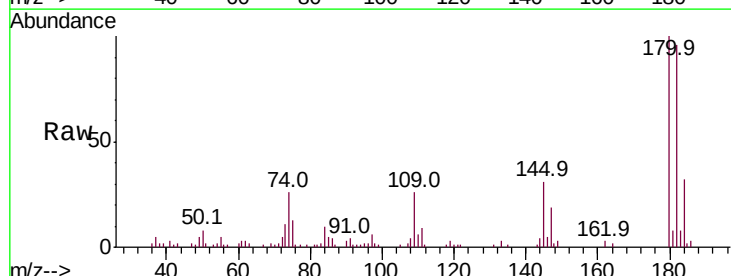
Sohil

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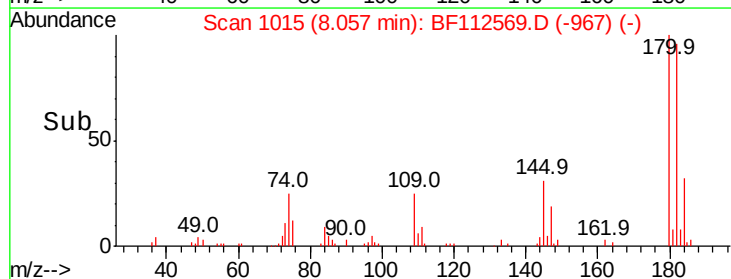
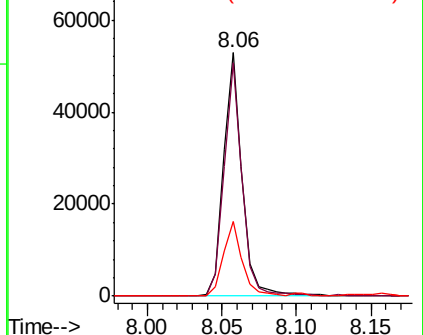


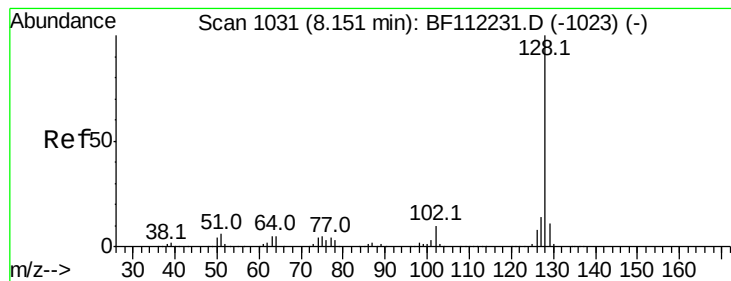
#30
1,2,4-Trichlorobenzene
Concen: 8.757 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion:	180	Resp:	46599
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
145	30.5	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.049 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

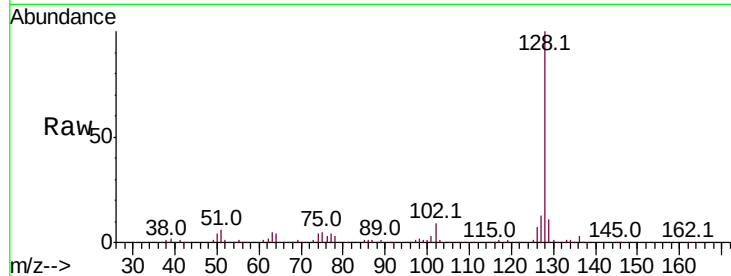
BNA_F

ClientSampleId :

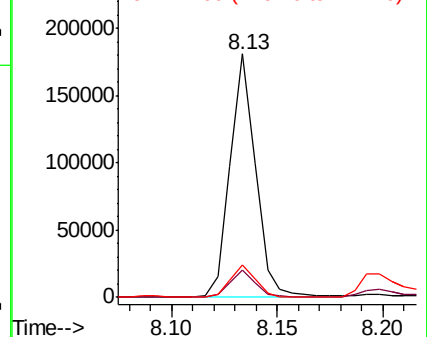
EO-02-021319-AMSD

Tot Ion:	128	Resp:	152335
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.6	14.4
127	13.3	11.1	16.7

Manual Integrations
APPROVED

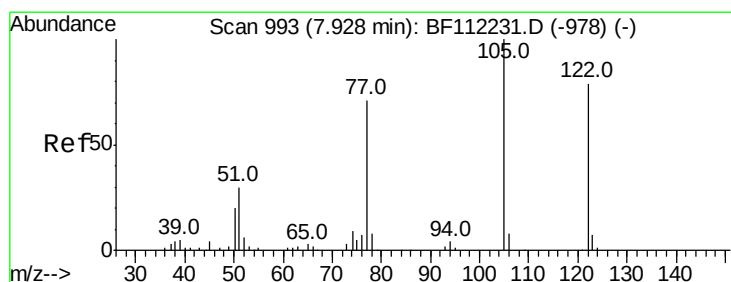
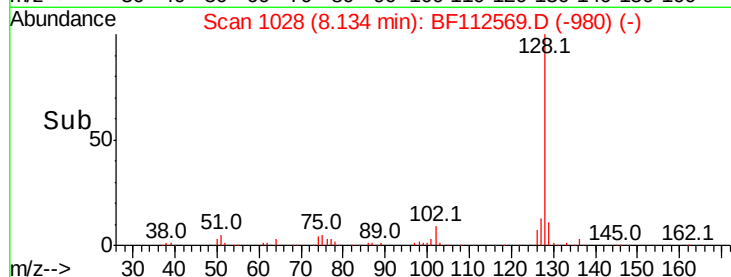


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 3.521 ng

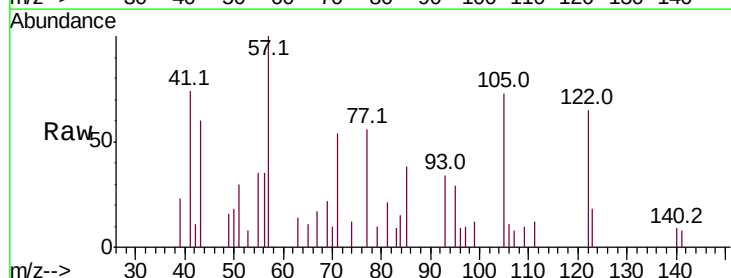
RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

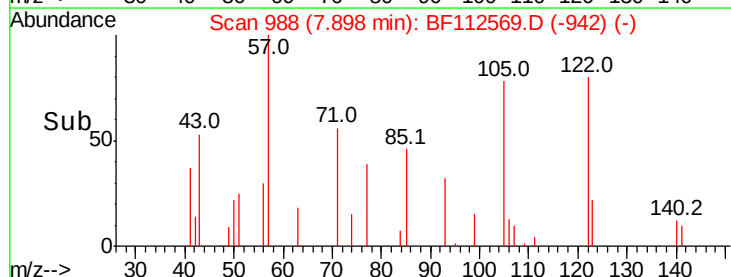
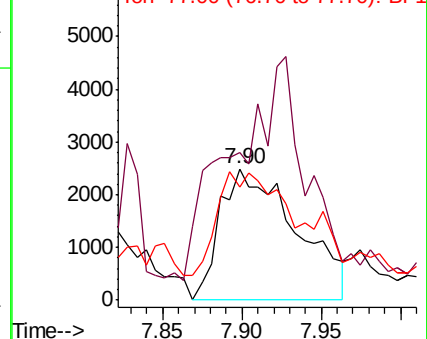
Lab File: BF112569.D

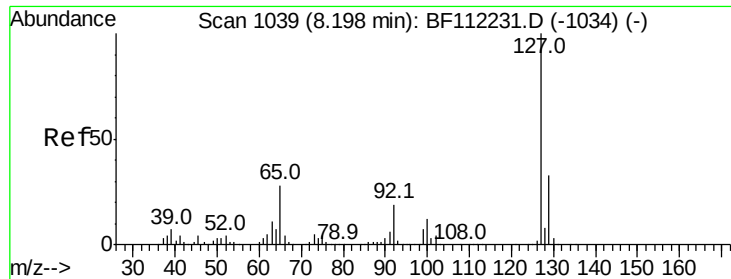
Acq: 14 Feb 2019 15:52

Tgt Ion:	122	Resp:	8309
Ion Ratio	Lower	Upper	
122	100		
105	112.0	101.2	141.2
77	86.1	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



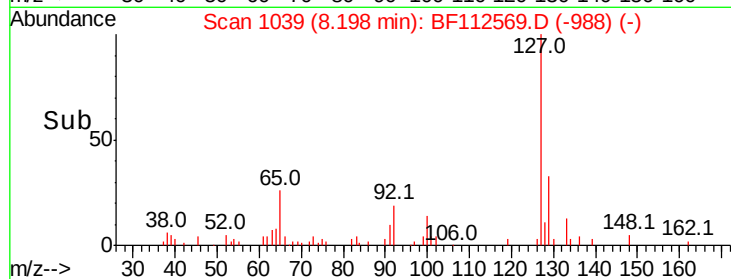
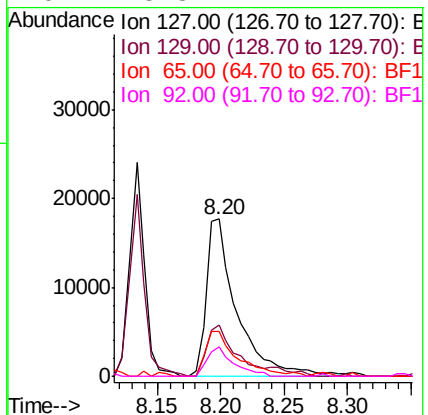
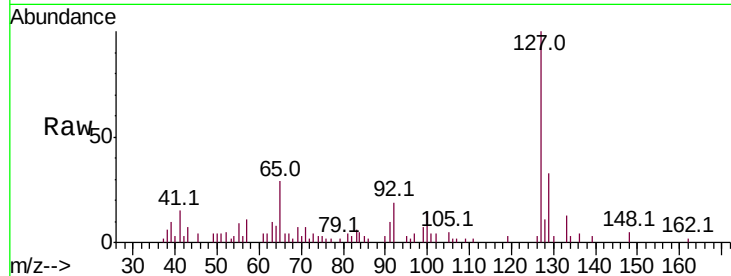


#33
4-Chloroaniline
Concen: 4.503 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

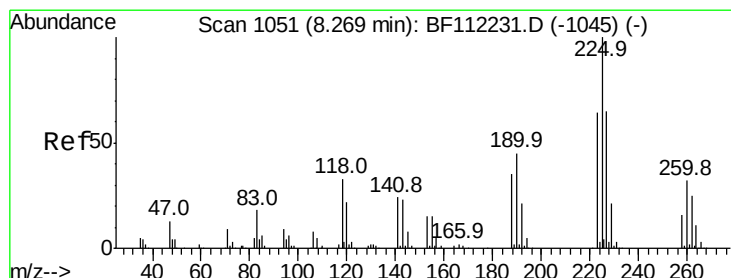
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	28.8	21.4	32.2
92	18.8	14.2	21.2

Manual Integrations
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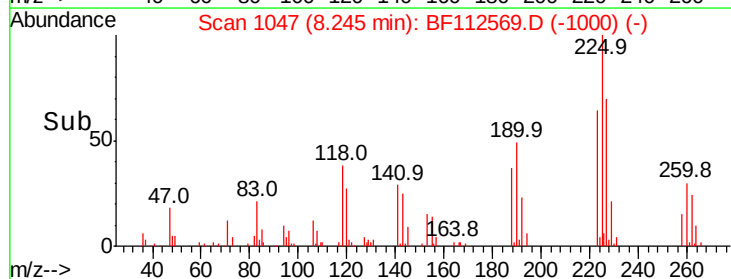
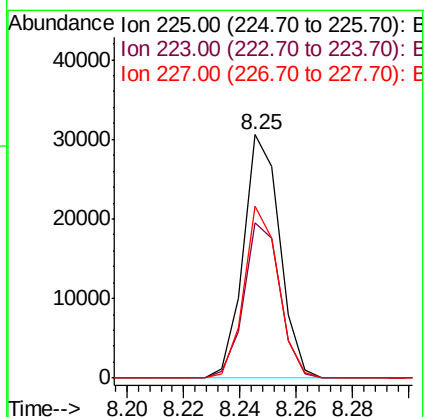
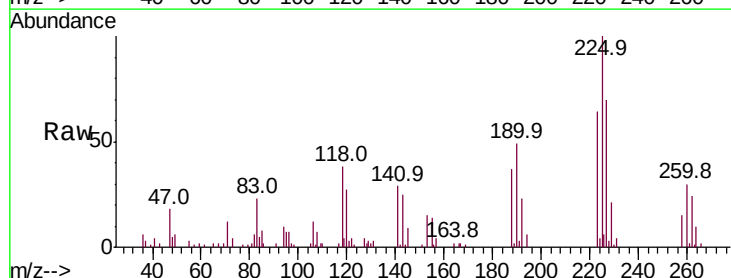
Sohil

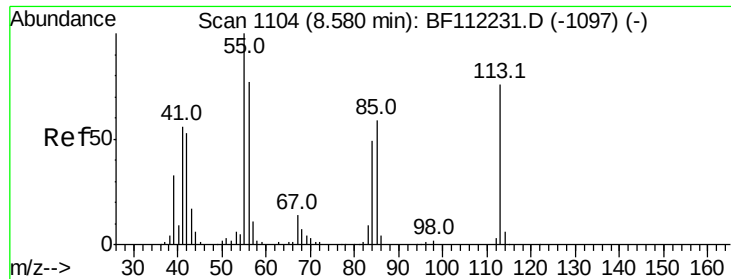
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#34
Hexachlorobutadiene
Concen: 8.722 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	70.4	51.8	77.8



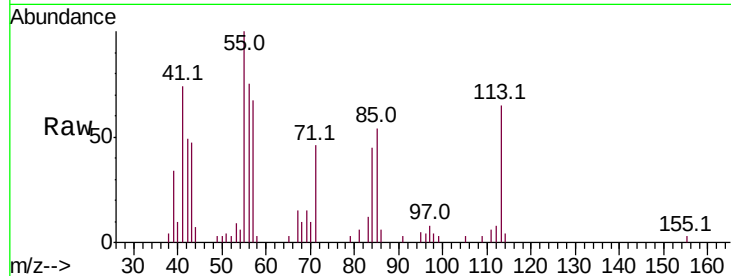


#35
Caprolactam
Concen: 7.772 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

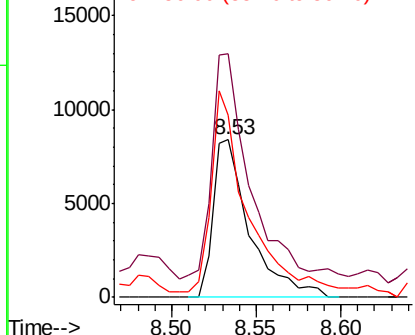
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.8	121.6	161.6
56	115.9	86.7	126.7

Manual Integrations
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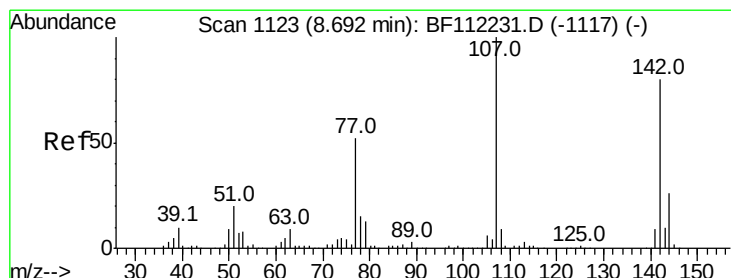
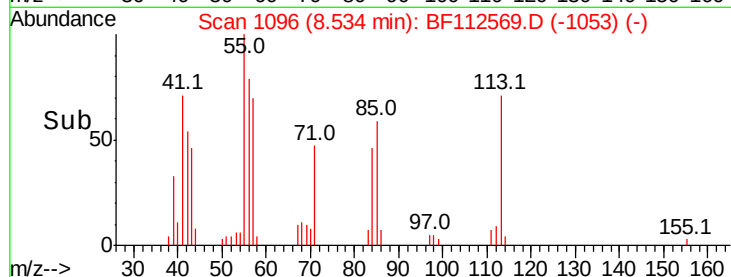


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



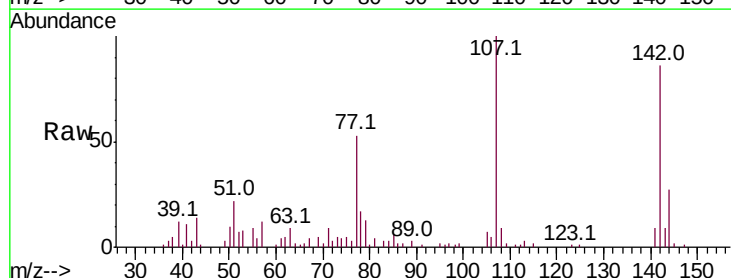
Sohil

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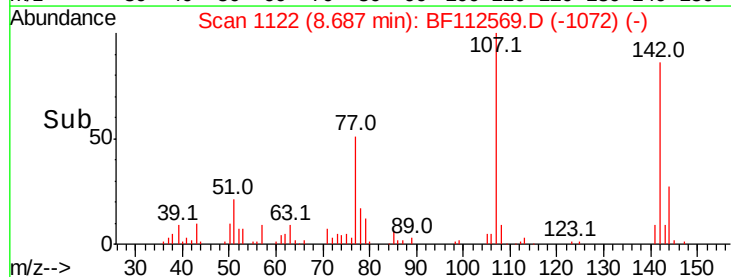
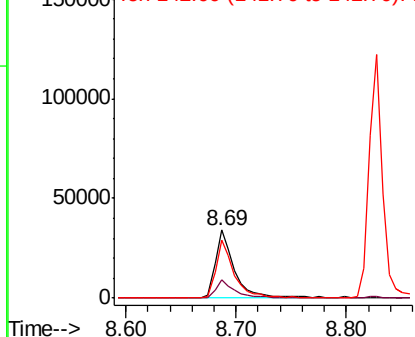


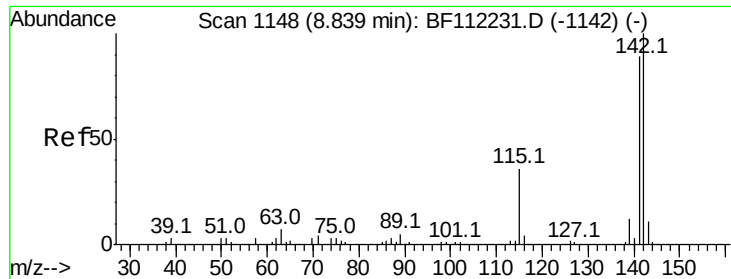
#36
4-Chloro-3-methylphenol
Concen: 8.386 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.2	33.2
142	85.9	67.7	101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



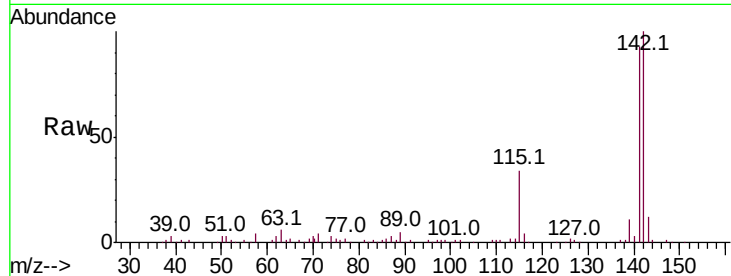


#37
2-Methylnaphthalene
Concen: 10.108 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

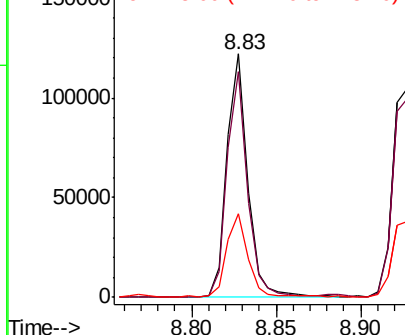
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.9	106.3
115	34.3	24.9	37.3

Manual Integrations
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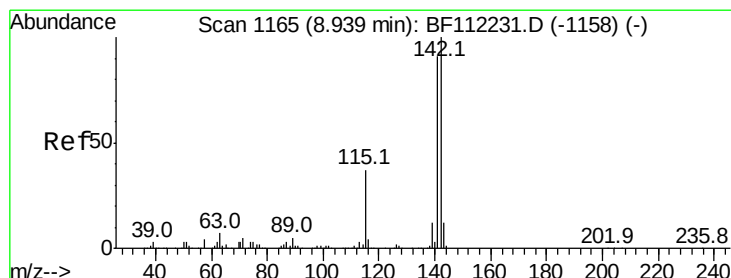
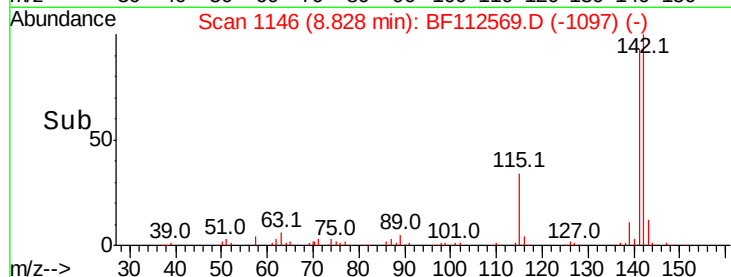


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



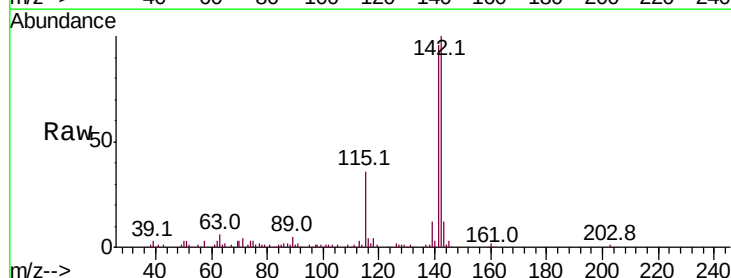
Sohil

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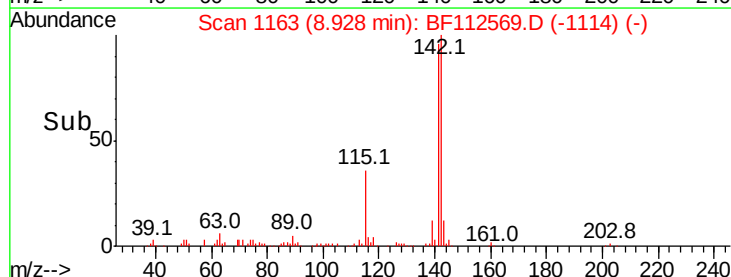
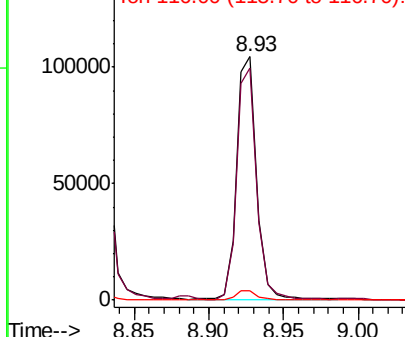


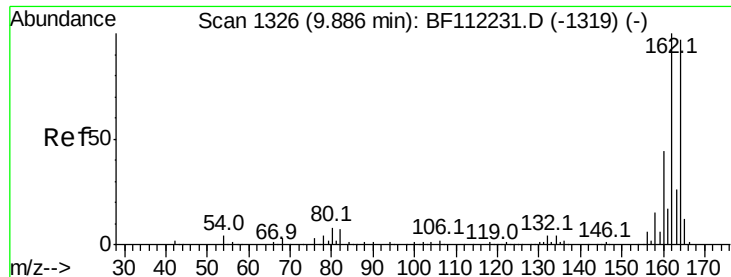
#38
1-Methylnaphthalene
Concen: 9.781 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	72.6	108.8
116	3.7	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



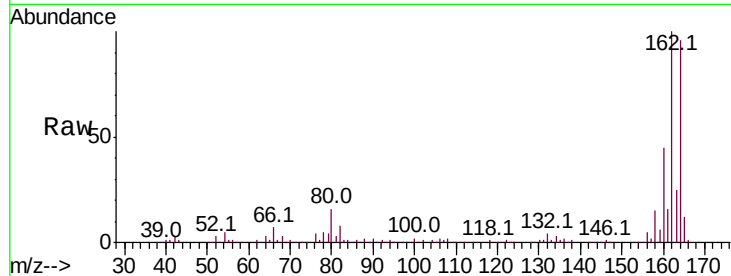


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	150484		
162	104.3	82.2	123.4	
160	46.6	36.2	54.4	

Manual Integrations
APPROVED

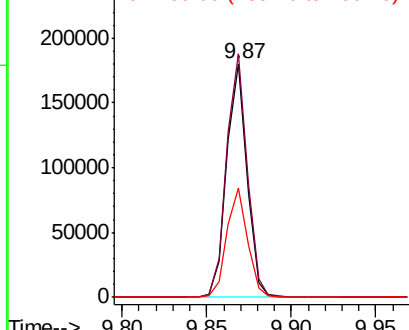


Abundance

Ion 164.00 (163.70 to 164.70): E

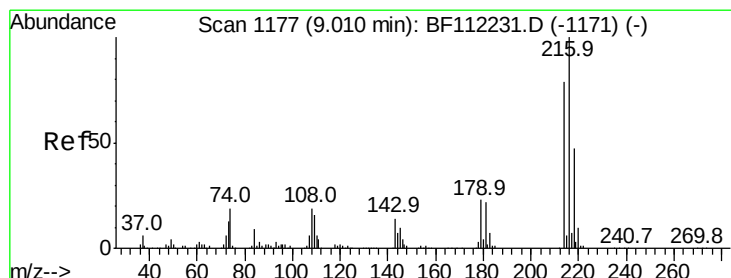
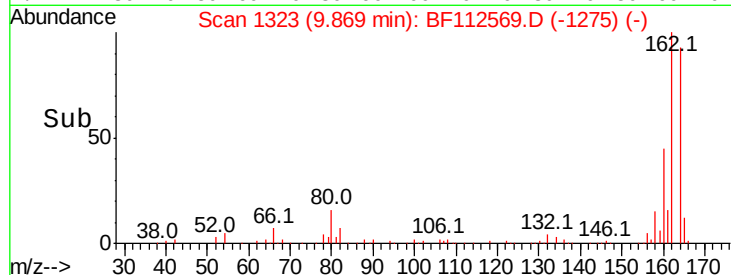
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Sohil

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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.138 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	45148		
214	79.0	63.8	95.6	
179	22.1	16.9	25.3	
108	18.7	14.2	21.4	

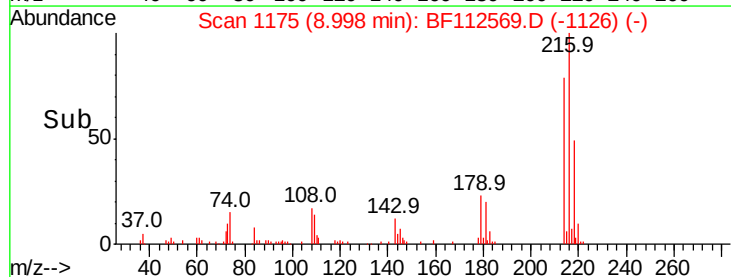
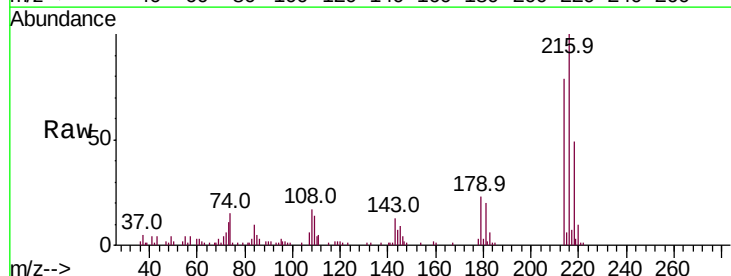
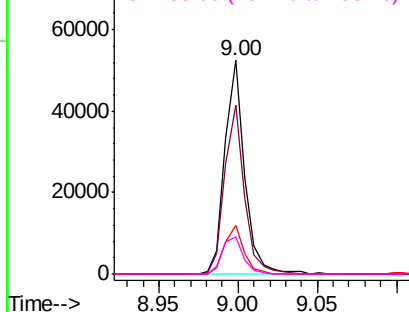
Abundance

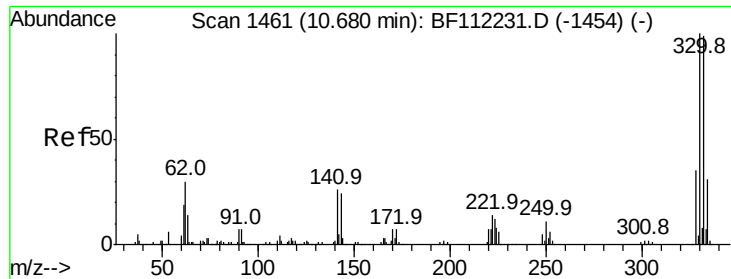
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 26.710 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

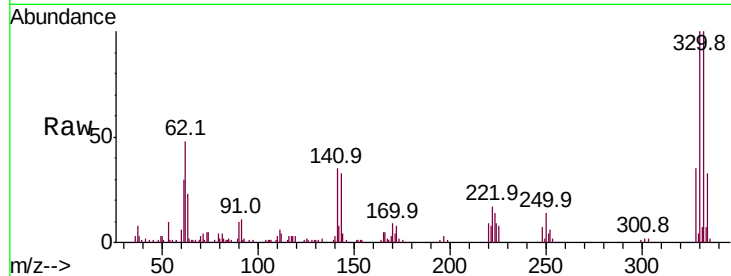
BNA_F

ClientSampleId :

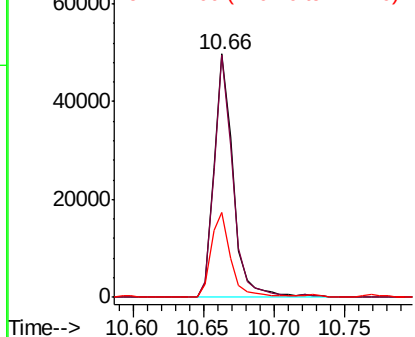
EO-02-021319-AMSD

Tot Ion:	330	Resp:	46785
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.6	114.8
141	35.8	24.3	36.5

Manual Integrations
APPROVED

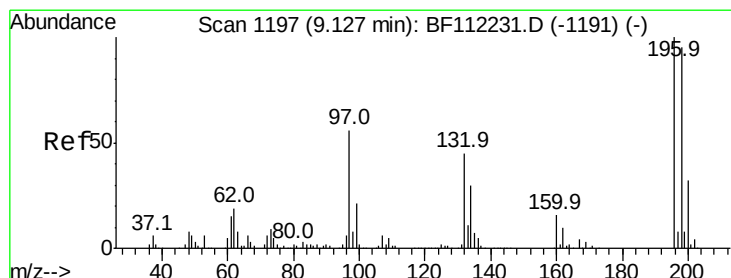
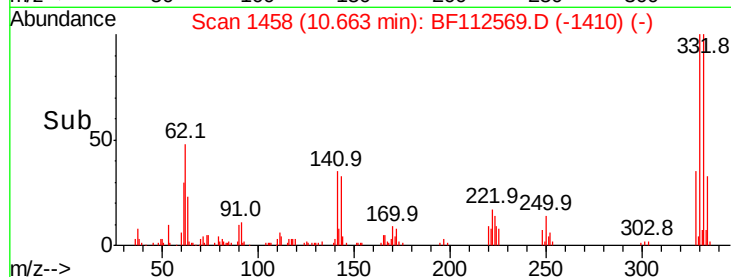


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Sohil

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#43

2,4,6-Trichlorophenol

Concen: 9.262 ng

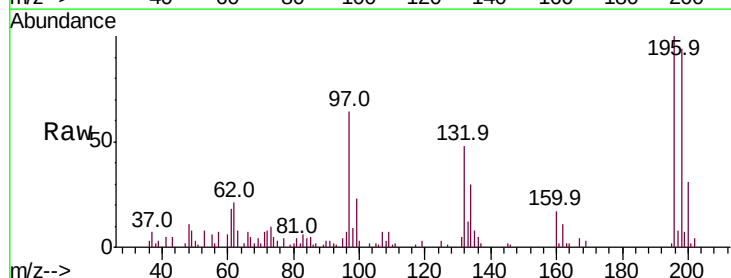
RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

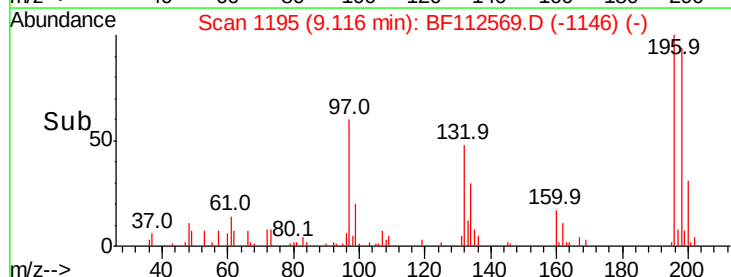
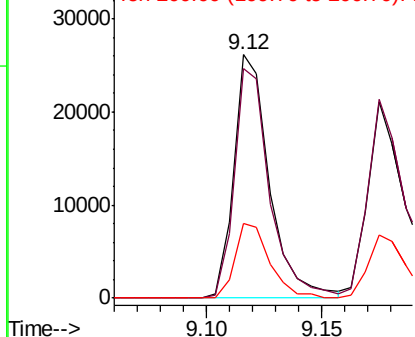
Lab File: BF112569.D

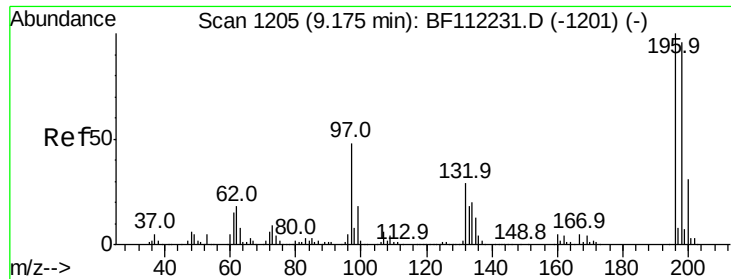
Acq: 14 Feb 2019 15:52

Tgt Ion:	196	Resp:	28208
Ion Ratio	Lower	Upper	
196	100		
198	94.4	76.2	114.4
200	30.6	24.3	36.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



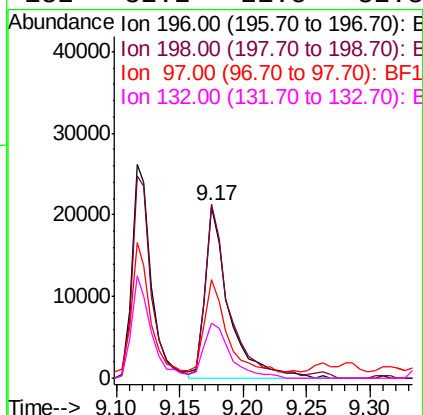
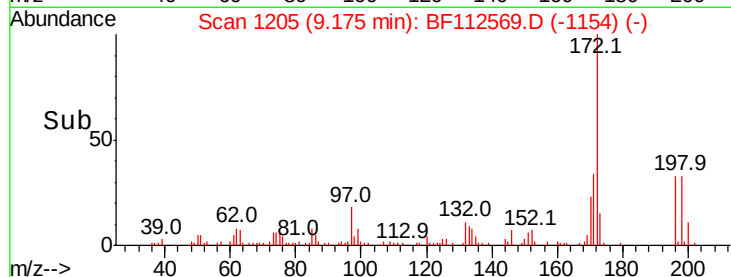
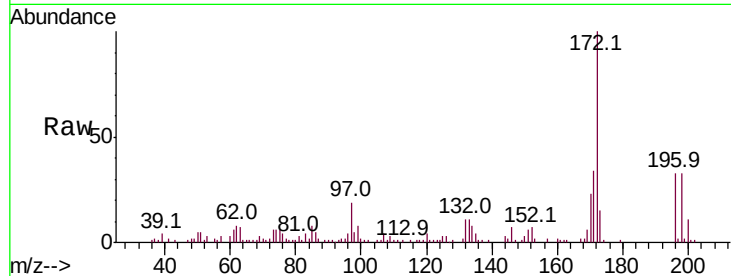


#44
 2,4,5-Trichlorophenol
 Concen: 8.699 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

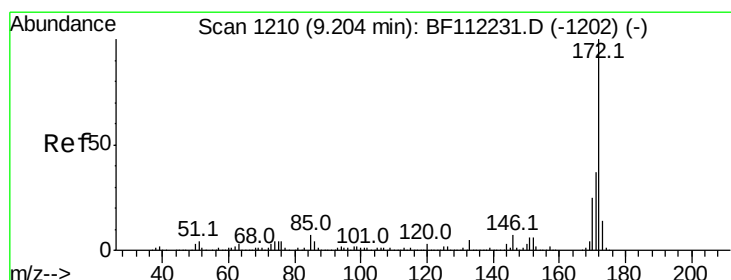
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	76.0	114.0	
97	57.4	36.4	54.6	
132	32.2	21.5	32.3	

Manual Integrations
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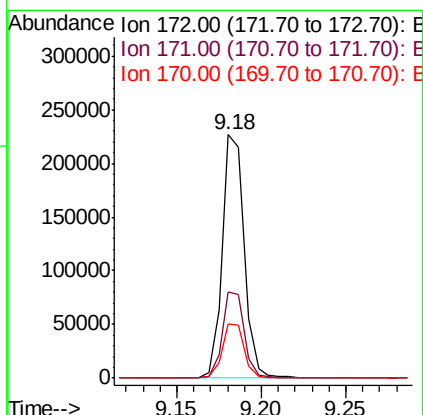
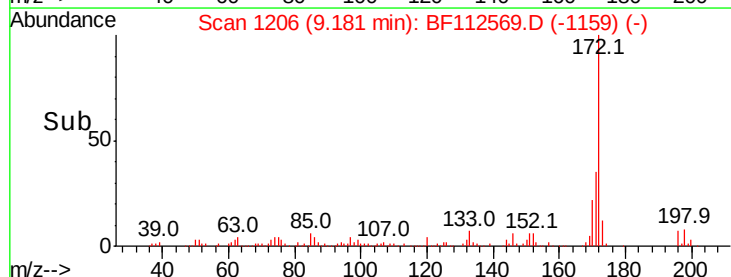
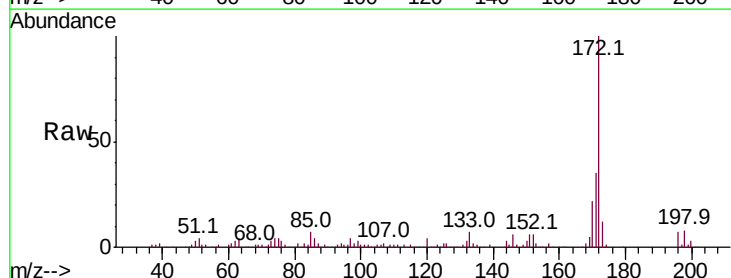
Sohil

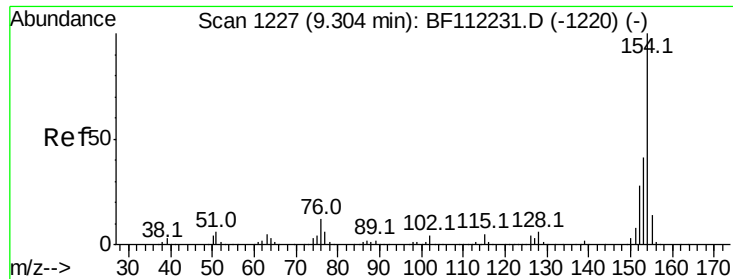
2/15/2019 4:53:12 PM



#45
 2-Fluorobiphenyl
 Concen: 19.343 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	30.5	45.7	
170	22.4	20.2	30.4	



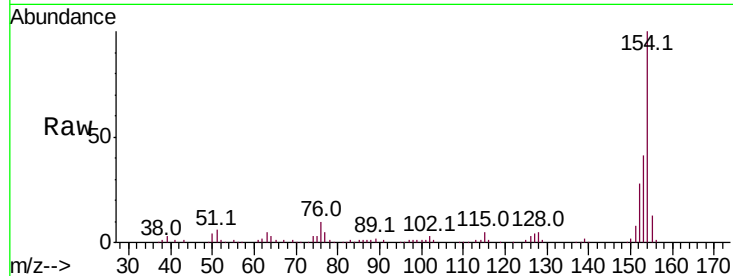


#46
1,1'-Biphenyl
Concen: 9.484 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

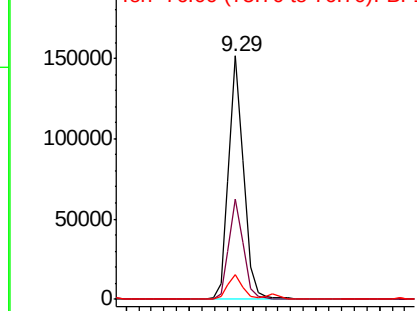
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion:	154	Resp:	124767
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.5	61.5
76	10.2	0.0	33.1

Manual Integrations
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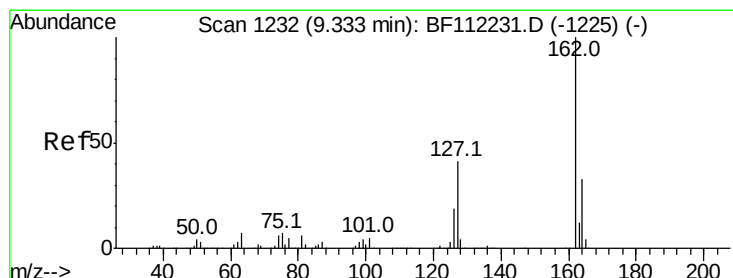
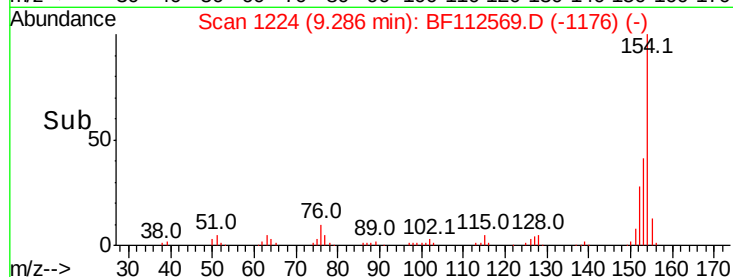


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



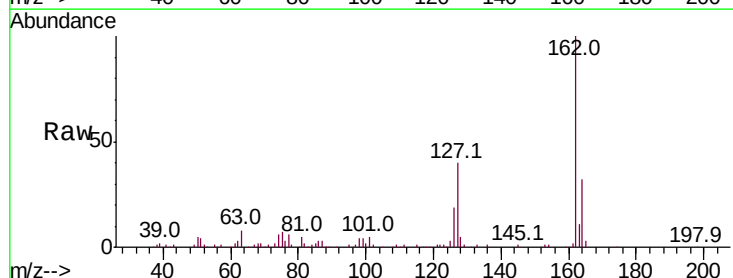
Sohil

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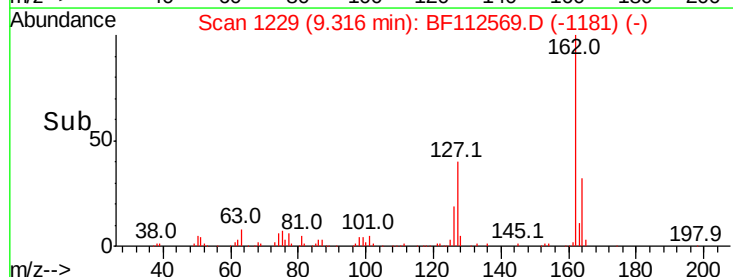
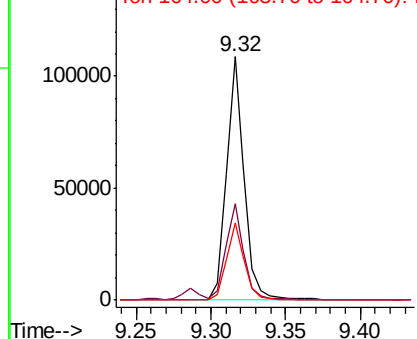


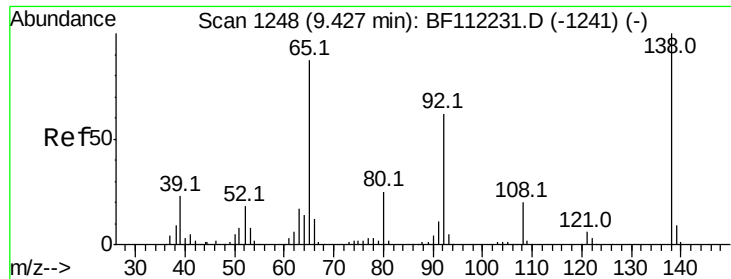
#47
2-Chloronaphthalene
Concen: 8.955 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion:	162	Resp:	91354
Ion Ratio	Lower	Upper	
162	100		
127	39.7	30.4	45.6
164	31.8	27.4	41.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



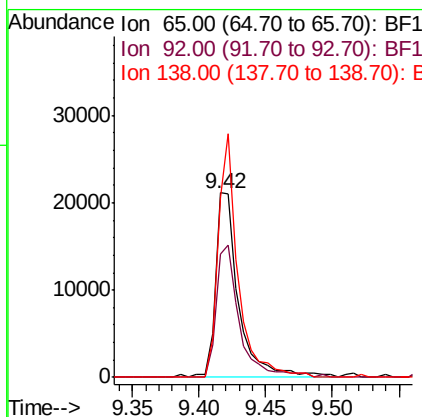
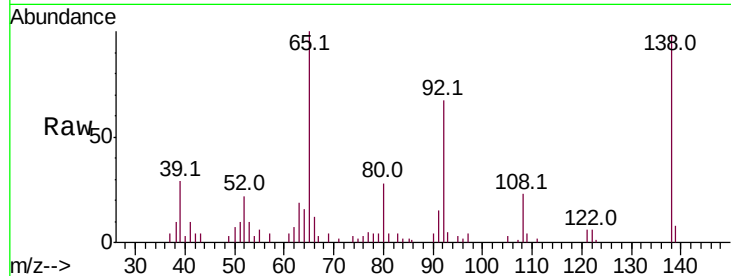


#48
 2-Nitroaniline
 Concen: 9.292 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

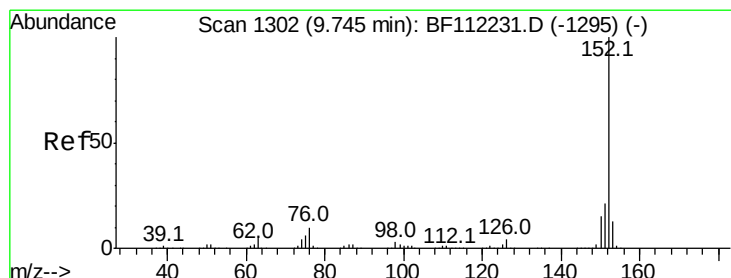
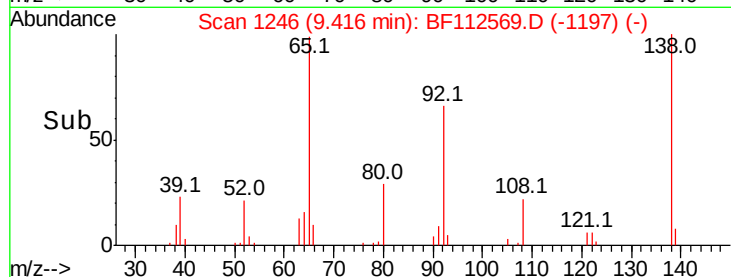
Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	60.4	90.6
138	97.9	104.4	156.6#

Manual Integrations
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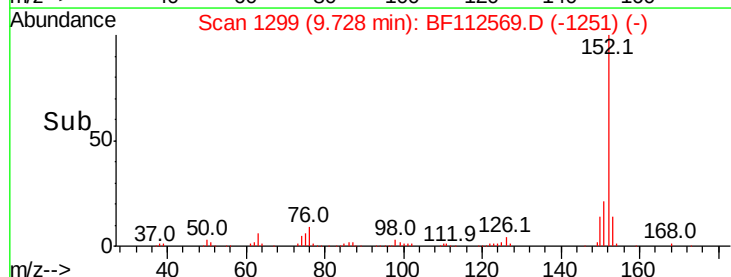
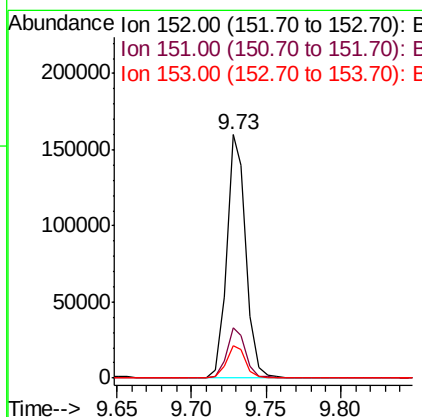
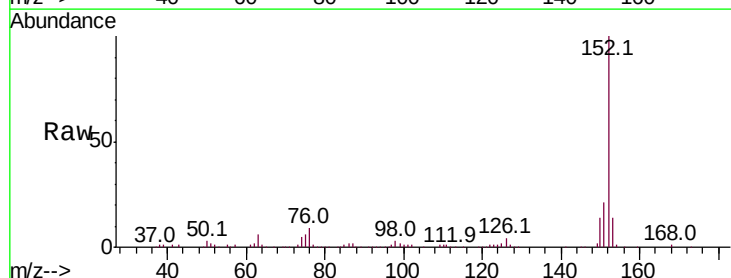
Sohil

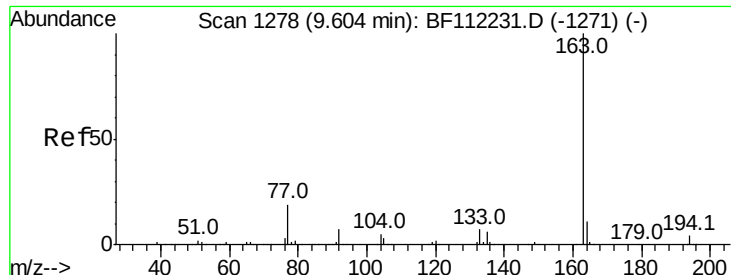
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#49
 Acenaphthylene
 Concen: 9.721 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.5	11.2	16.8



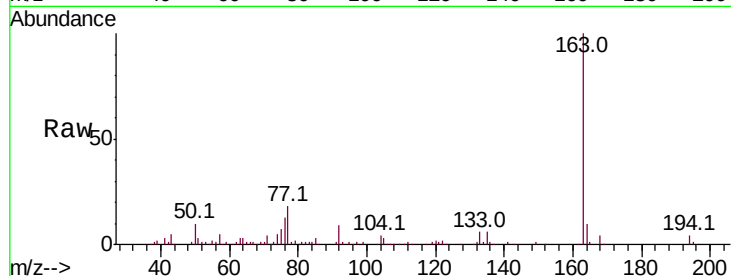


#50
Dimethylphthalate
Concen: 10.438 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

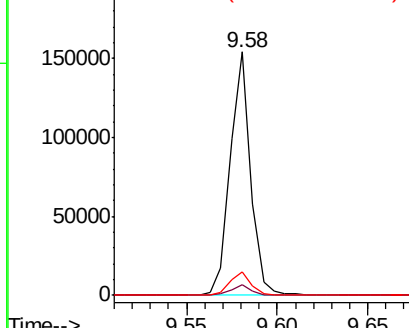
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.3	4.9	
164	9.8	8.5	12.7	

Manual Integrations
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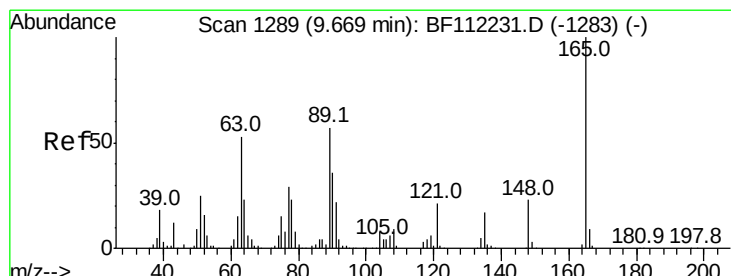
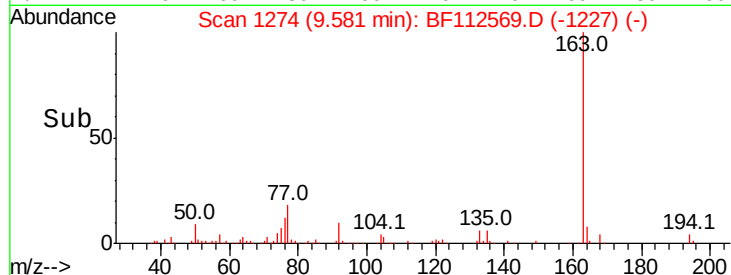


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



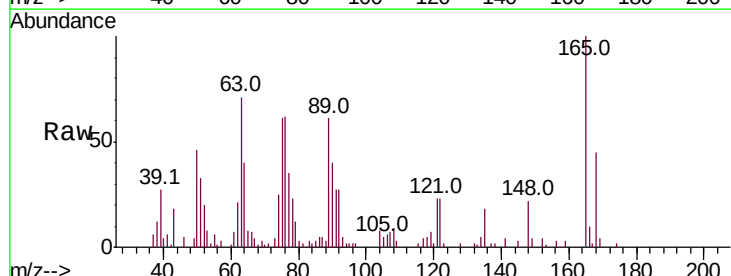
Sohil

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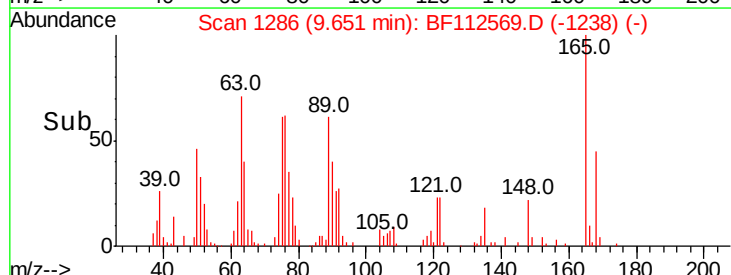
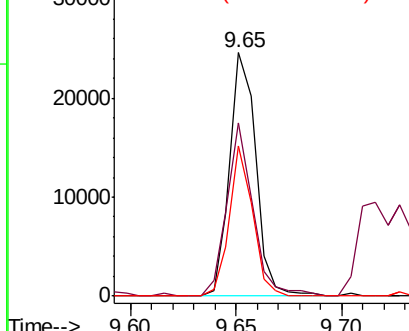


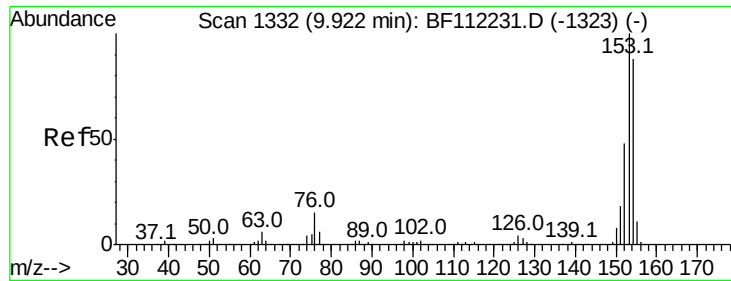
#51
2,6-Dinitrotoluene
Concen: 8.067 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.3	33.8	50.8#	
89	61.4	36.9	55.3#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



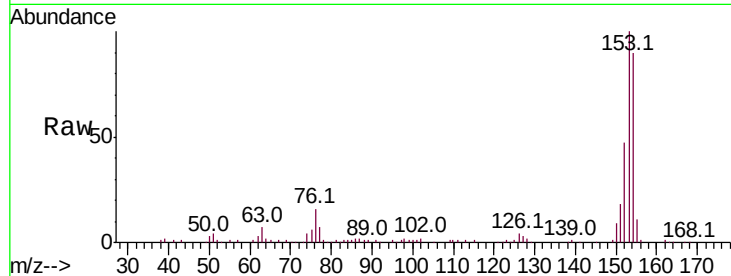


#52
Acenaphthene
Concen: 9.332 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

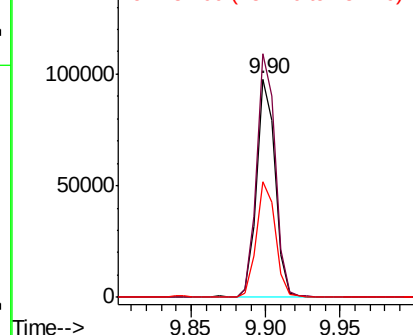
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion:	154	Resp:	83354
Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.8	134.6
152	52.7	43.5	65.3

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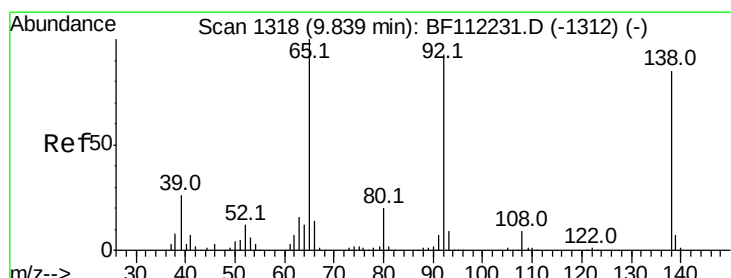
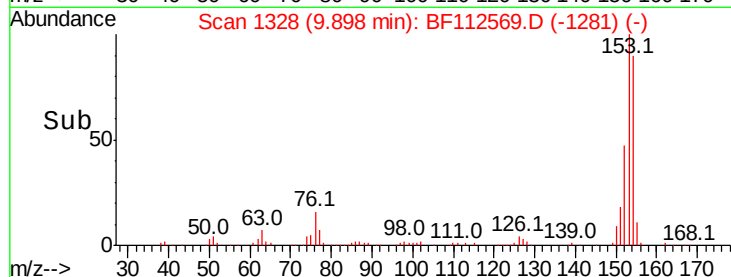


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



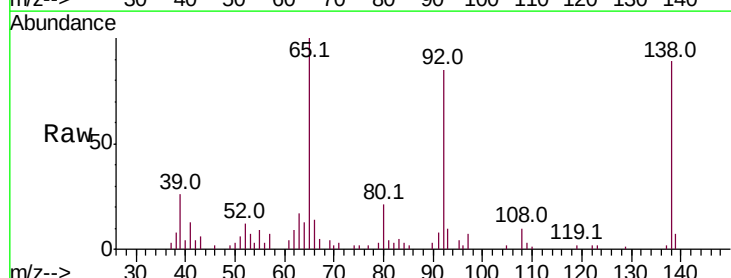
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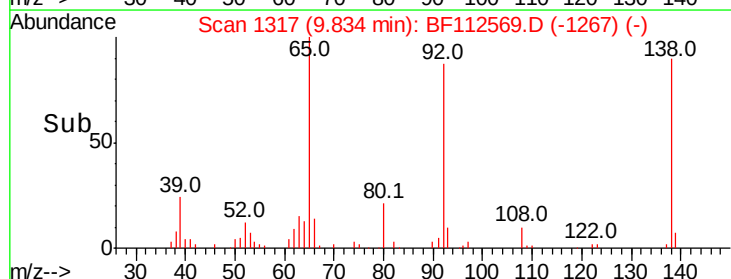
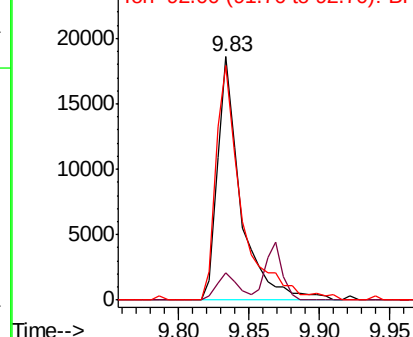


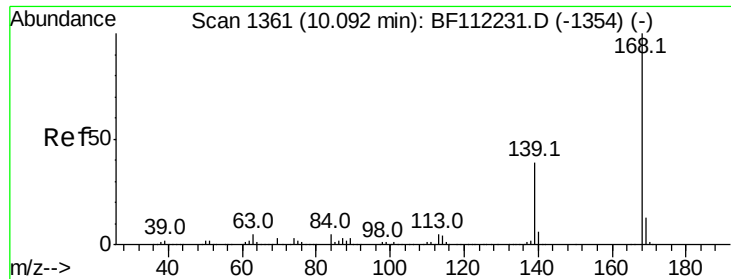
#53
3-Nitroaniline
Concen: 7.490 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion:	138	Resp:	21249
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.8	14.6
92	96.3	79.4	119.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



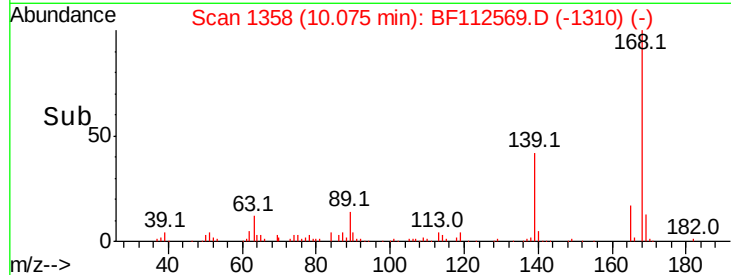
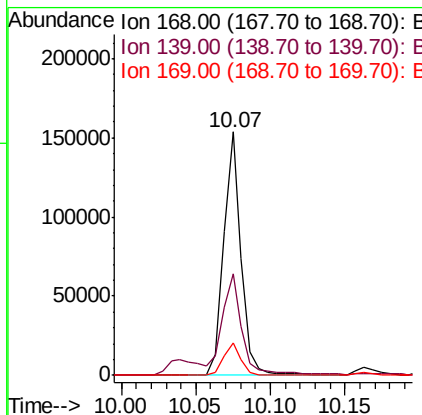
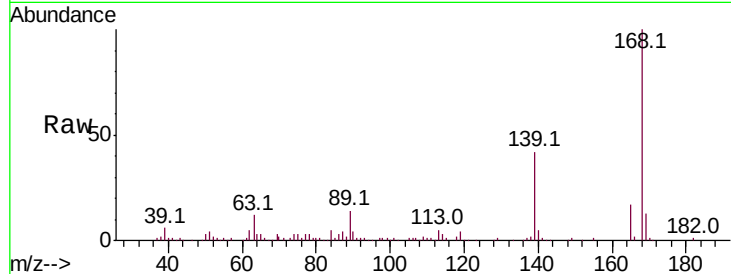


#55
Dibenzofuran
Concen: 9.279 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

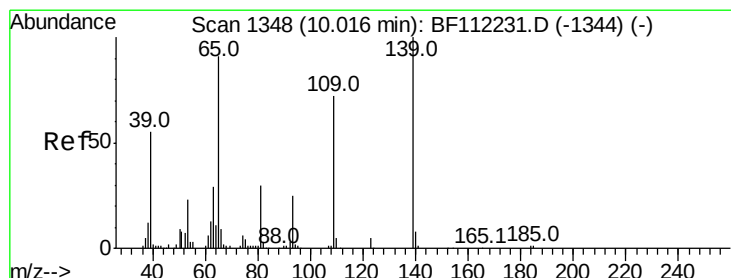
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.9	29.2	43.8	
169	13.2	11.4	17.0	

Manual Integrations
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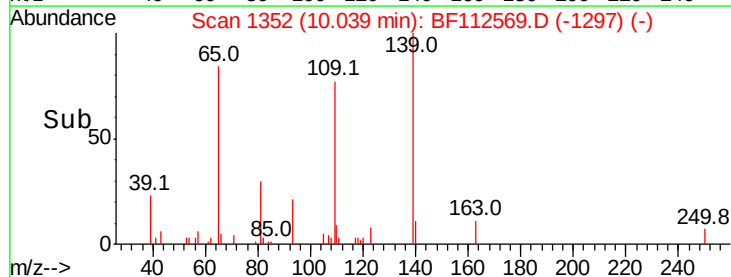
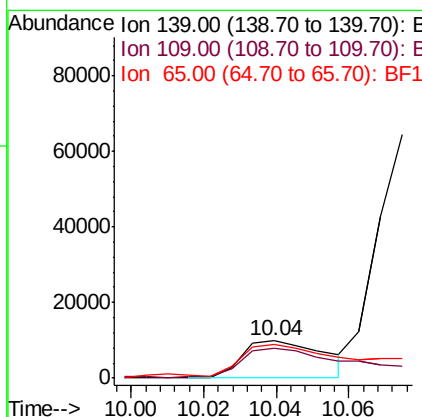
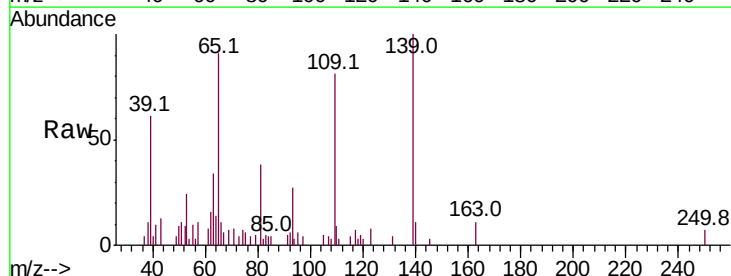
Sohil

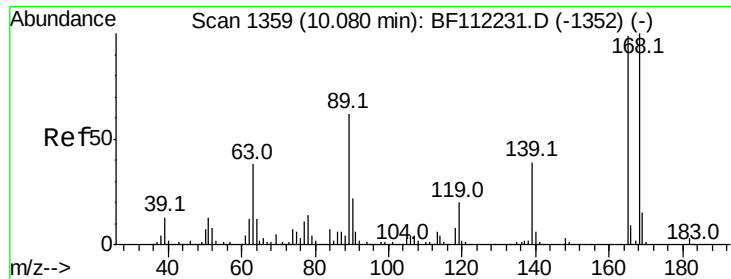
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#56
4-Nitrophenol
Concen: 10.305 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.1	42.8	82.8	
65	91.3	66.1	106.1	





#57

2,4-Dinitrotoluene

Concen: 8.000 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMSD

Tot Ion:165 Resp: 26669

Ion Ratio Lower Upper

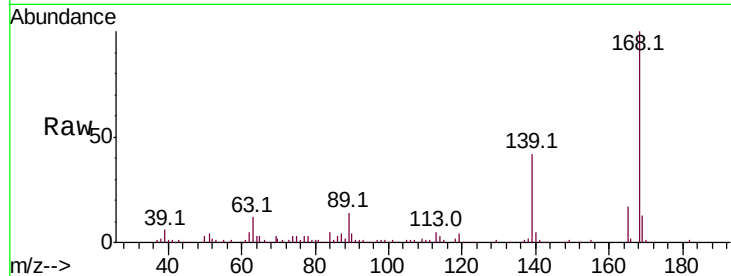
165 100

63 67.3 27.9 41.9#

89 81.9 47.9 71.9#

182 3.5 2.2 3.4#

Manual Integrations
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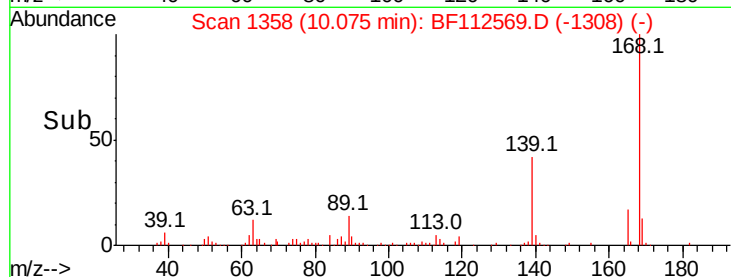
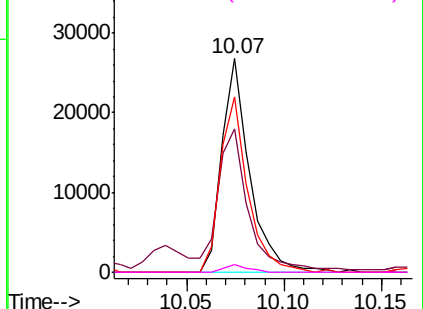
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

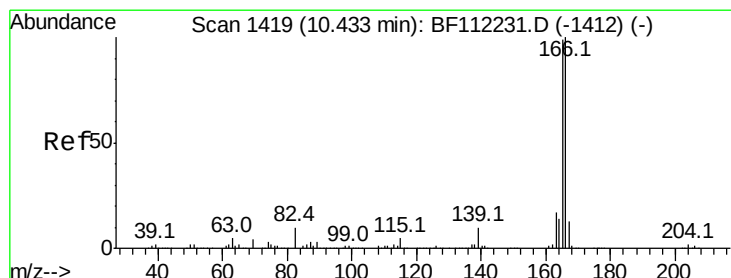
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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#58

Fluorene

Concen: 9.924 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

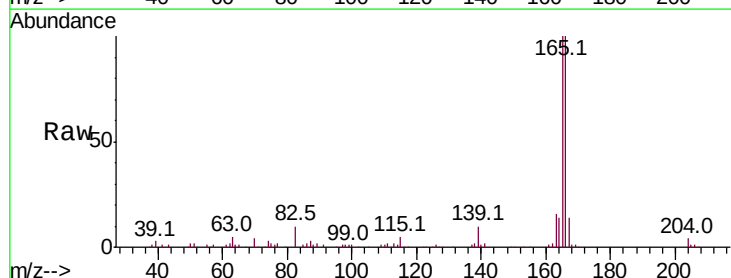
Tgt Ion:166 Resp: 101377

Ion Ratio Lower Upper

166 100

165 99.7 77.1 115.7

167 14.1 11.3 16.9

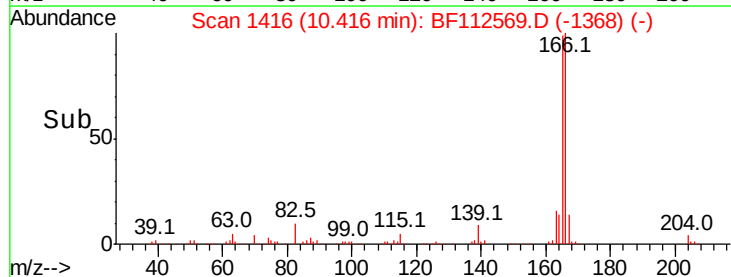
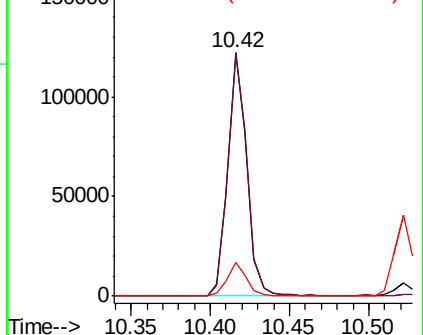


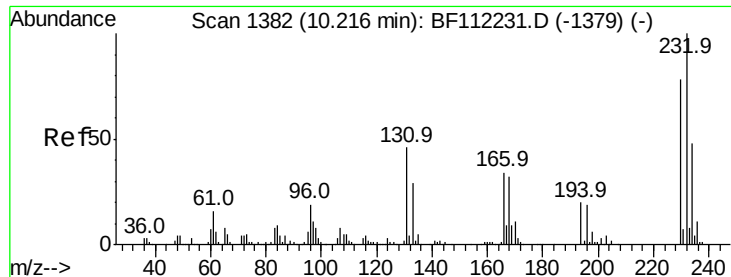
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



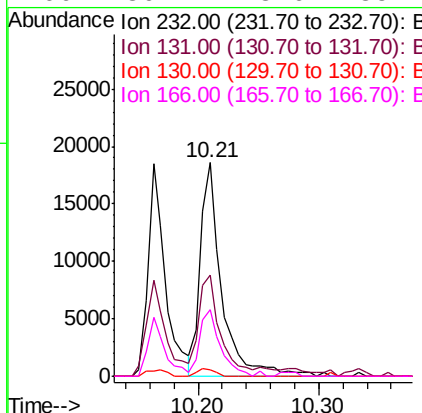
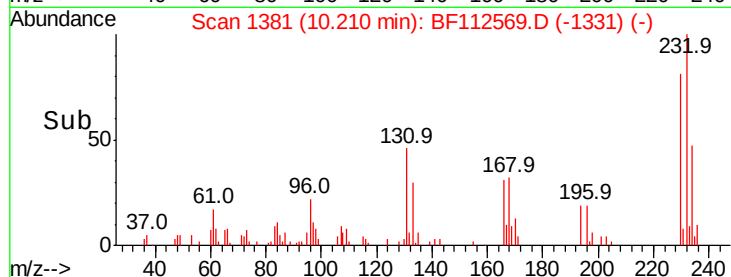
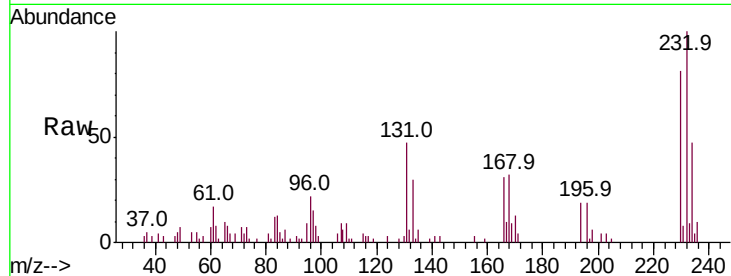


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.505 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

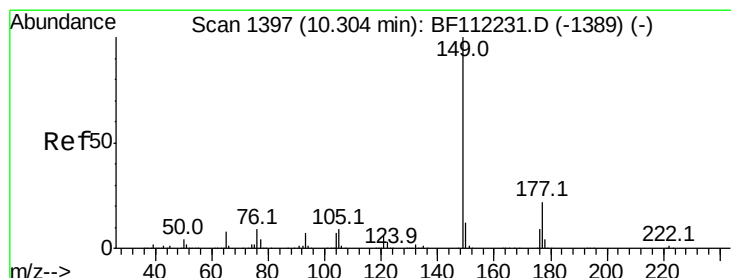
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.9	50.9
130	2.8	1.8	2.6
166	30.2	23.6	35.4

Manual Integrations
APPROVED



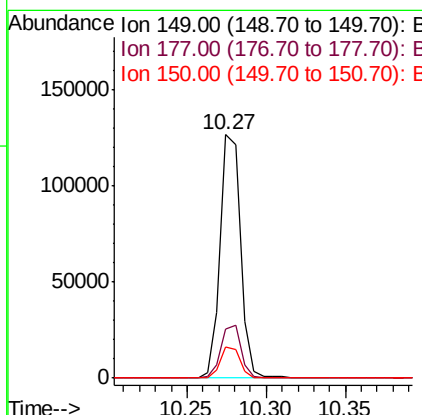
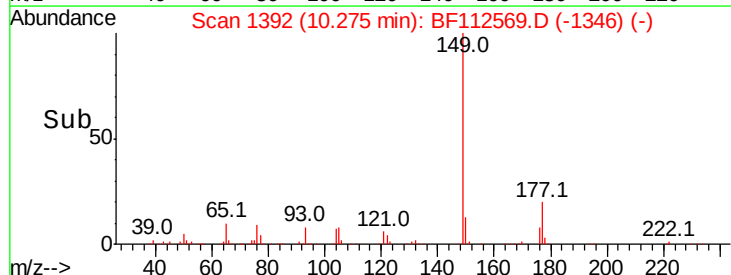
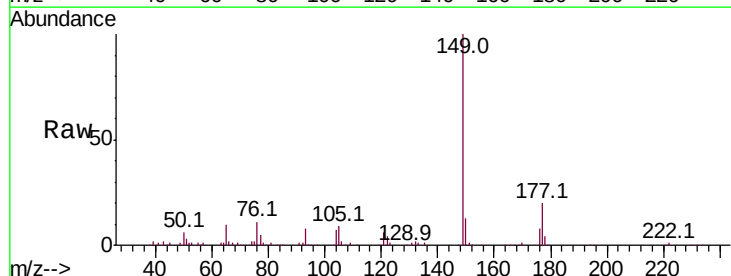
Sohil

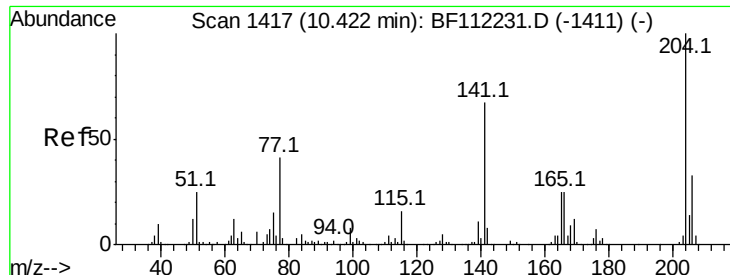
2/15/2019 4:53:12 PM



#60
Diethylphthalate
Concen: 9.793 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.2	27.2
150	12.6	10.4	15.6



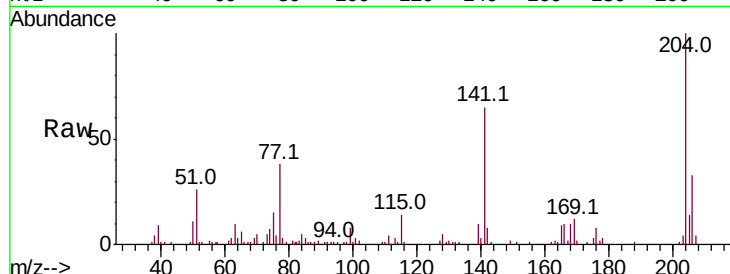


#61
4-Chlorophenyl-phenylether
Concen: 8.944 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	64.7	45.9	68.9

Manual Integrations
APPROVED

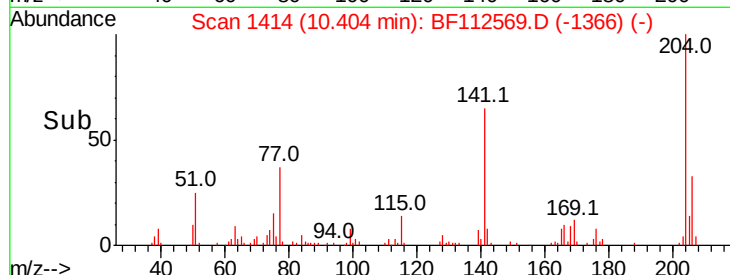
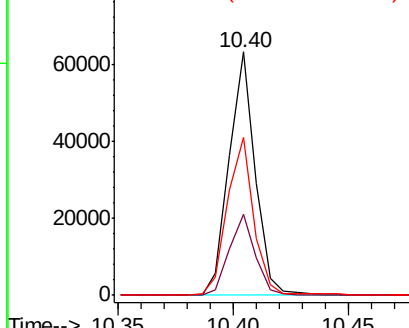


Abundance

Ion 204.00 (203.70 to 204.70): E

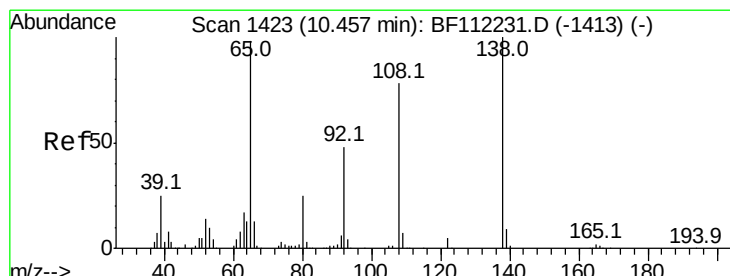
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Sohil

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#62
4-Nitroaniline
Concen: 7.704 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

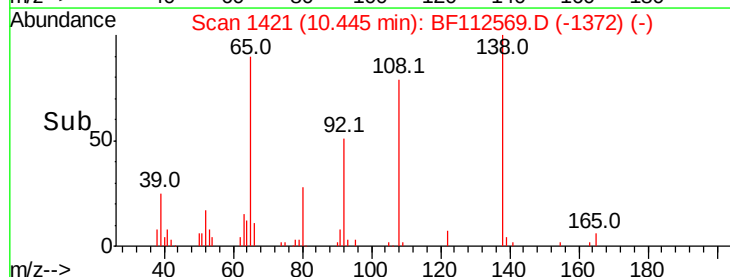
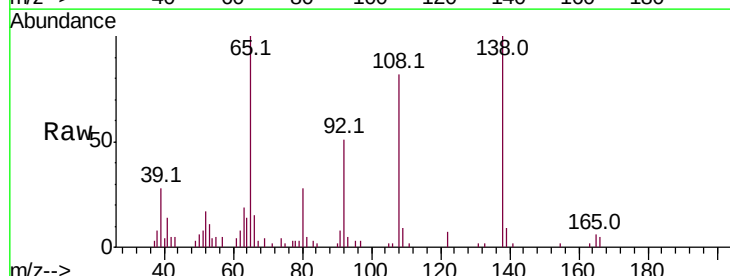
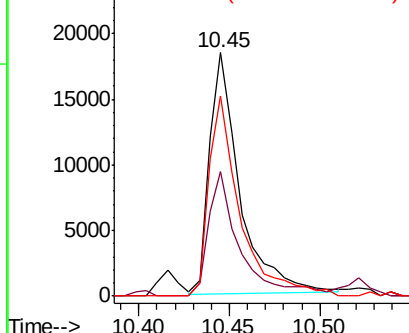
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	30.6	70.6
108	82.0	50.0	90.0

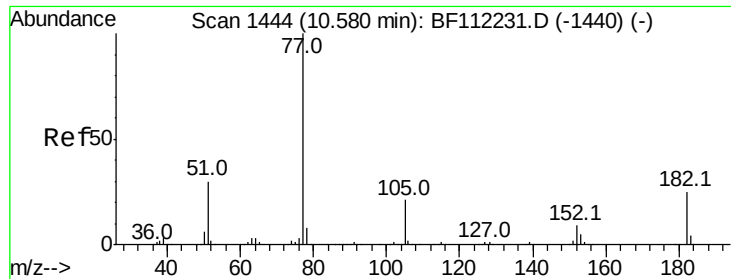
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



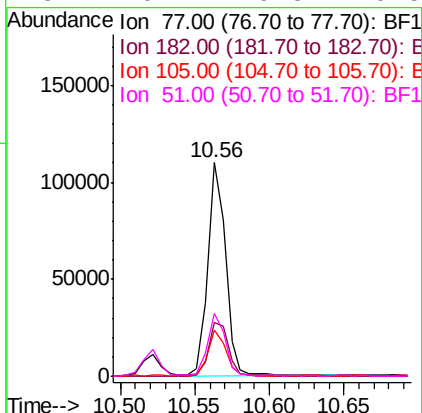
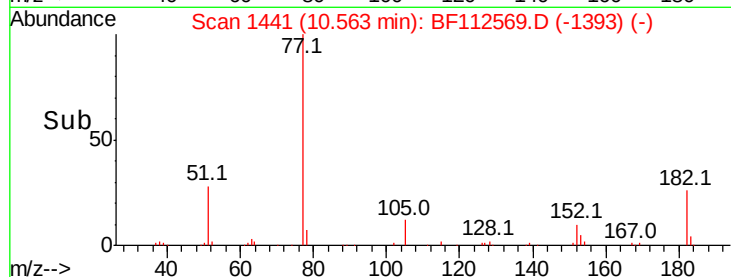
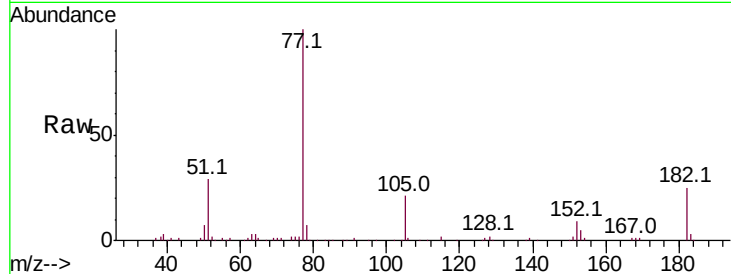


#63
Azobenzene
Concen: 8.913 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

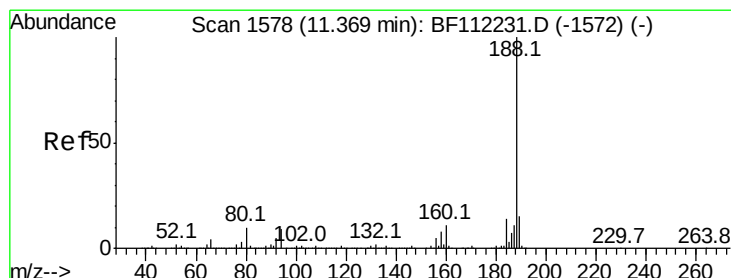
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.2	5.7	45.7	
105	21.4	1.4	41.4	
51	29.4	9.5	49.5	

Manual Integrations
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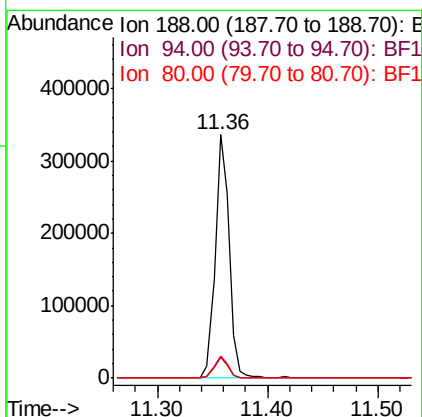
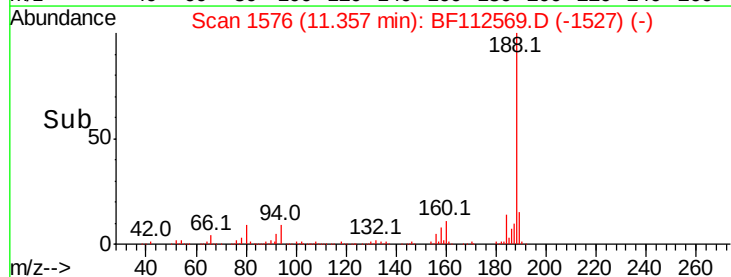
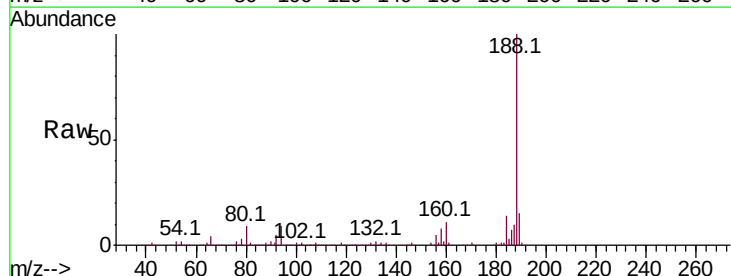
Sohil

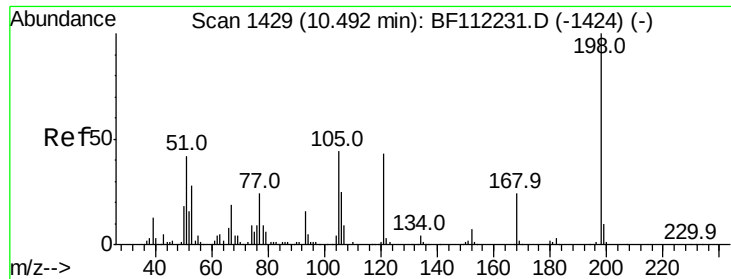
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	8.2	12.2	
80	9.2	8.9	13.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 0.152 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMSD

Tot Ion:198 Resp: 250

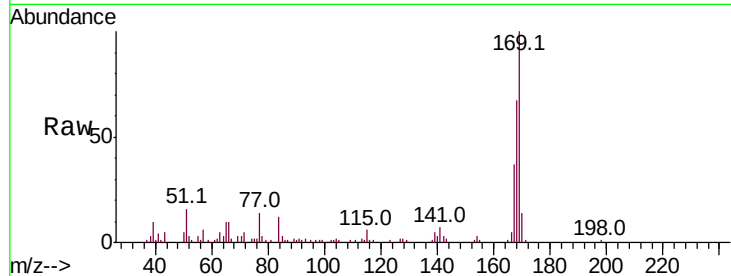
Ion Ratio Lower Upper

198 100

51 2466.9 17.2 57.2

105 88.6 21.9 61.9#

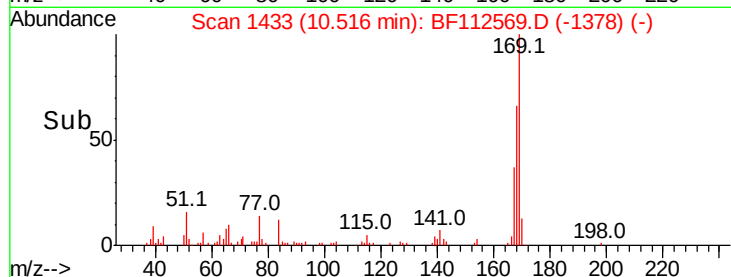
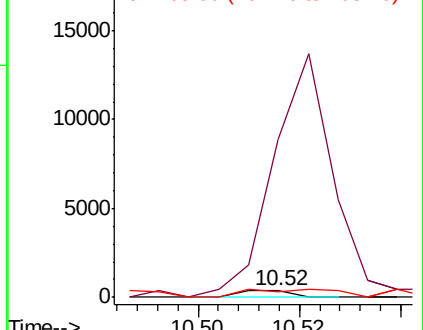
Manual Integrations
APPROVED



Abundance Ion 198.00 (197.70 to 198.70): E

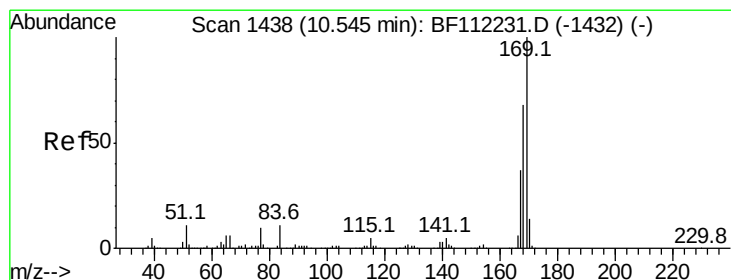
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



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#66

n-Nitrosodiphenylamine

Concen: 9.328 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

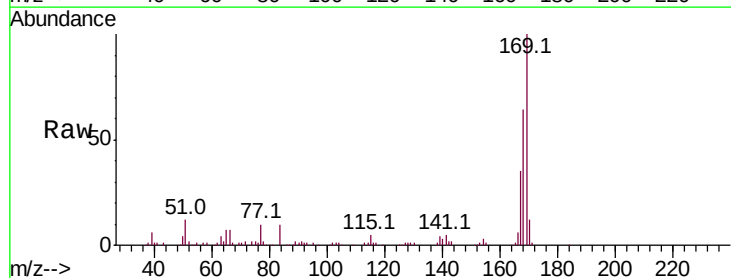
Tgt Ion:169 Resp: 92105

Ion Ratio Lower Upper

169 100

168 64.0 53.9 80.9

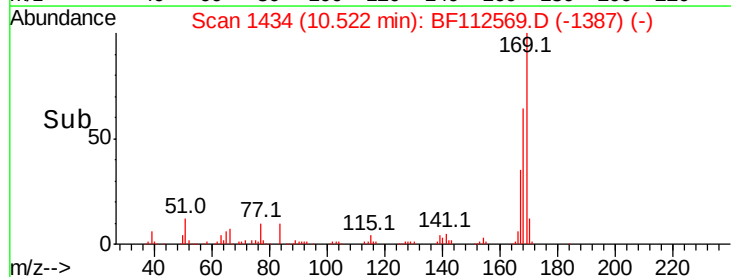
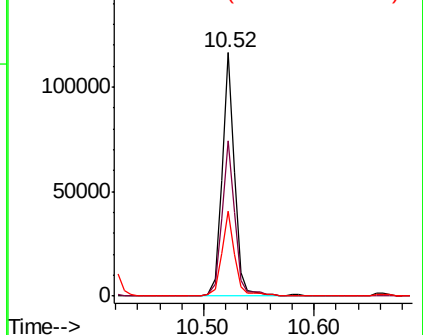
167 35.1 28.9 43.3

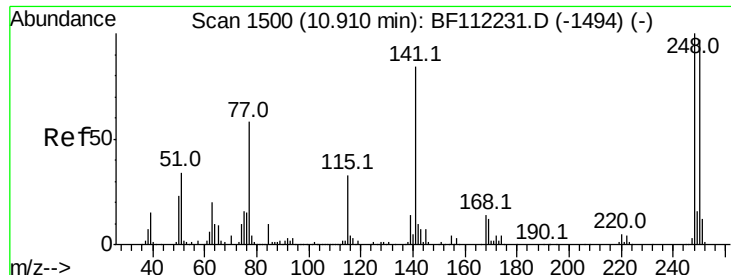


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



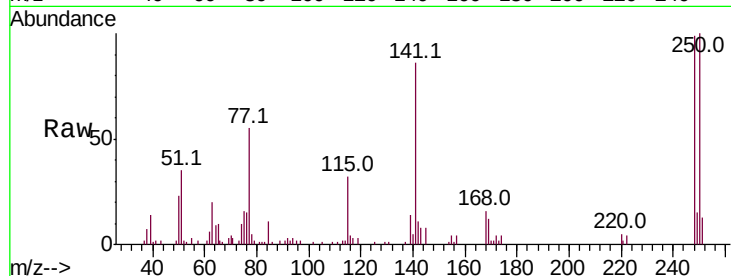


#67
 4-Bromophenyl-phenylether
 Concen: 8.303 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

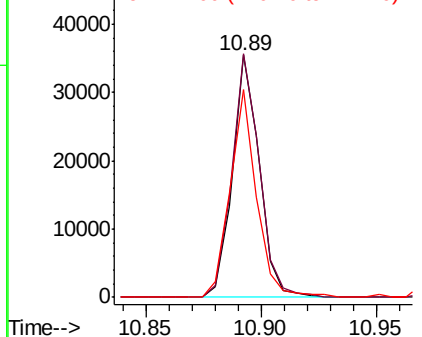
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

Tot Ion:	248	Resp:	28610
Ion Ratio	Lower	Upper	
248	100		
250	100.7	79.7	119.5
141	86.1	60.3	90.5

Manual Integrations
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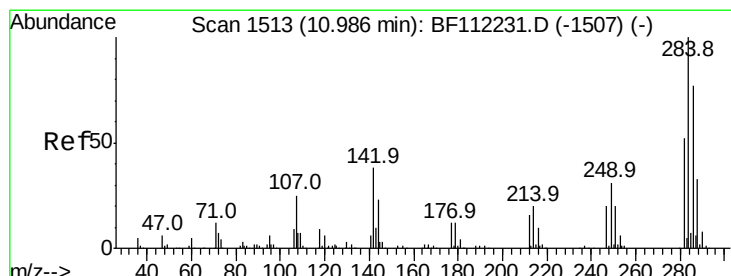
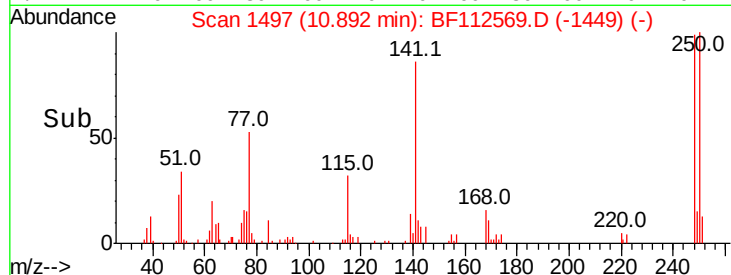


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



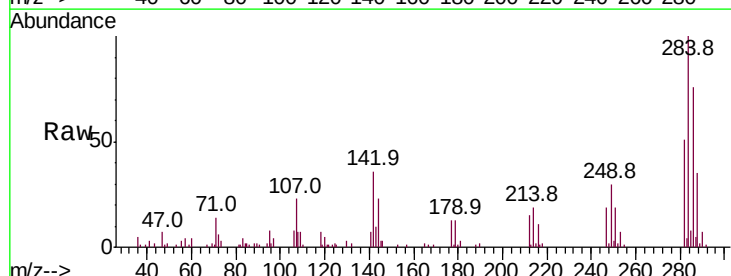
Sohil

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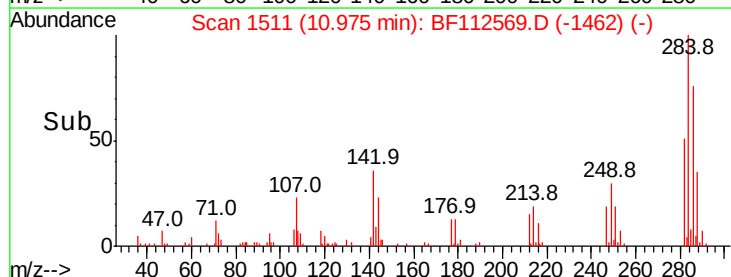
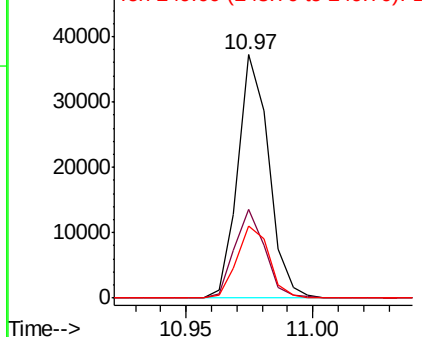


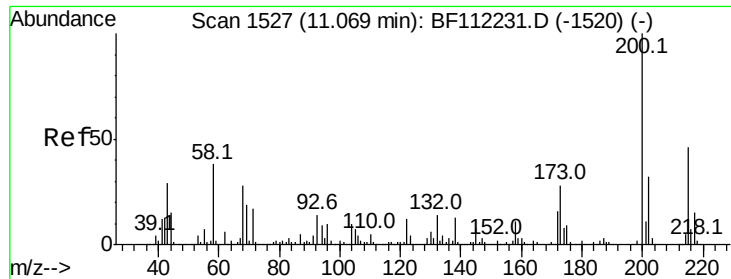
#68
 Hexachlorobenzene
 Concen: 8.572 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion:	284	Resp:	31690
Ion Ratio	Lower	Upper	
284	100		
142	36.3	27.6	41.4
249	29.6	24.1	36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



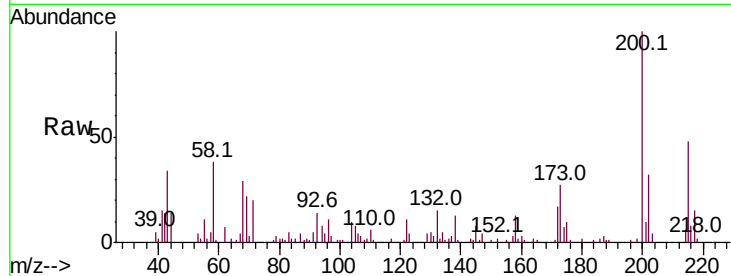


#69
Atrazine
Concen: 9.591 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.1	47.1
215	47.6	30.4	70.4

Manual Integrations
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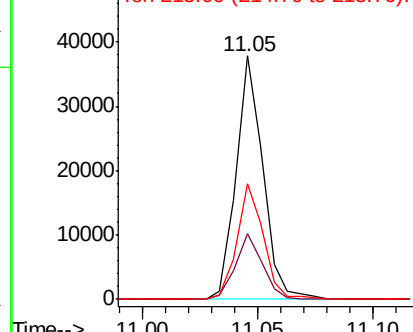


Abundance

Ion 200.00 (199.70 to 200.70): E

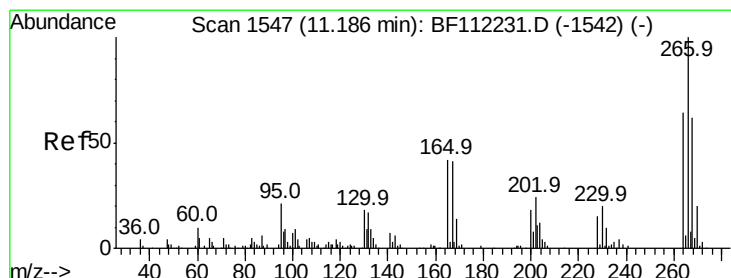
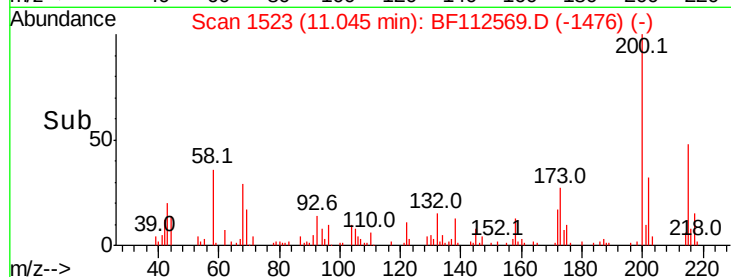
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



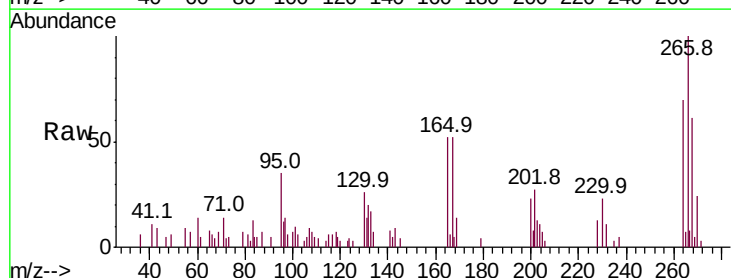
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#70
Pentachlorophenol
Concen: 12.425 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.2	76.8
264	70.5	50.9	76.3

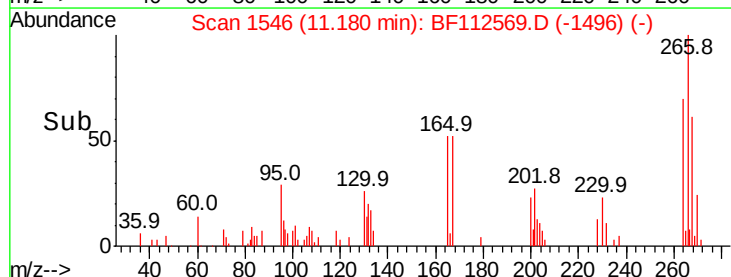
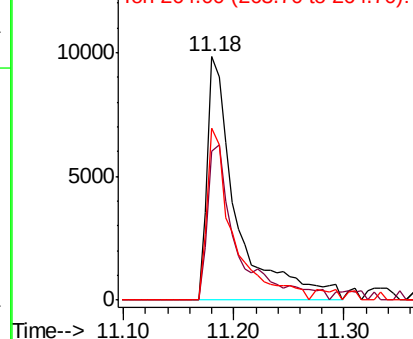


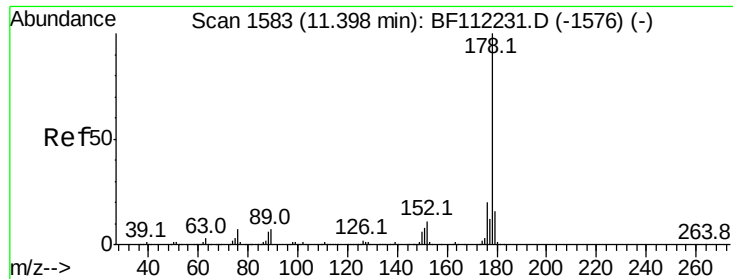
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 10.069 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

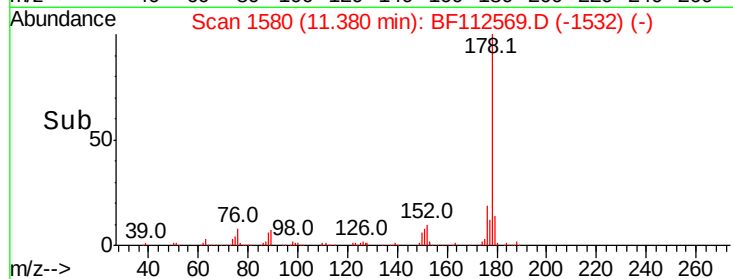
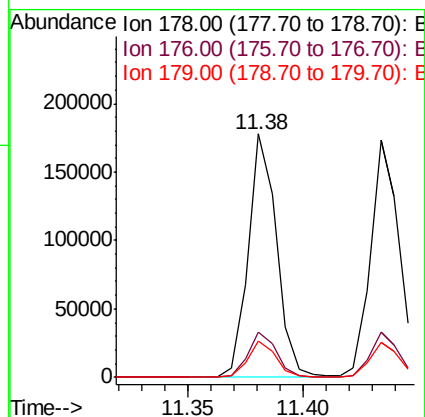
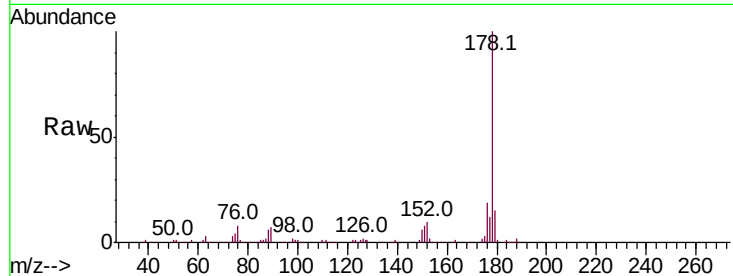
BNA_F

ClientSampled :

EO-02-021319-AMSD

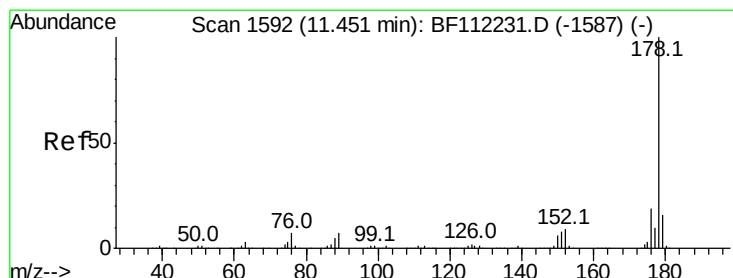
Tot Ion:178	Resp:	153368
Ion Ratio	Lower	Upper
178	100	
176	18.6	16.3 24.5
179	15.0	13.0 19.4

Manual Integrations
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#72

Anthracene

Concen: 10.141 ng

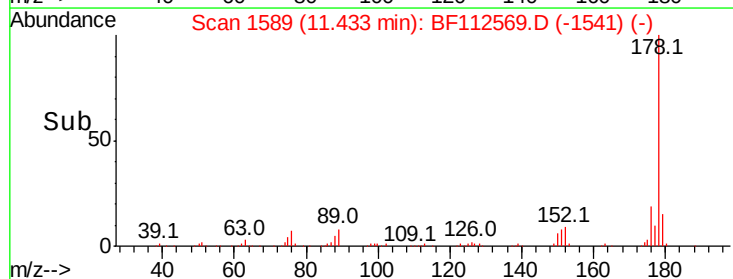
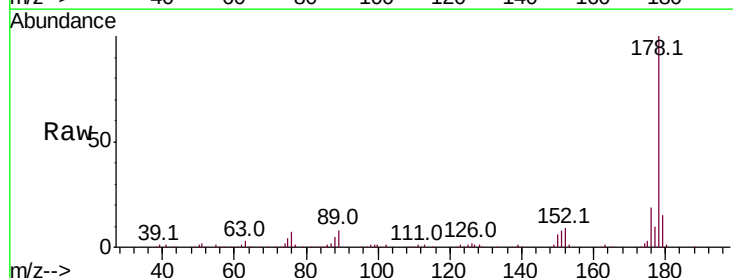
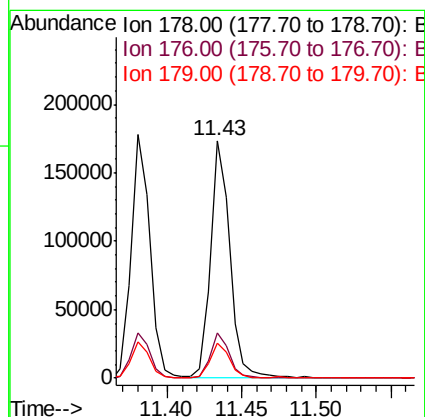
RT: 11.43 min Scan# 1589

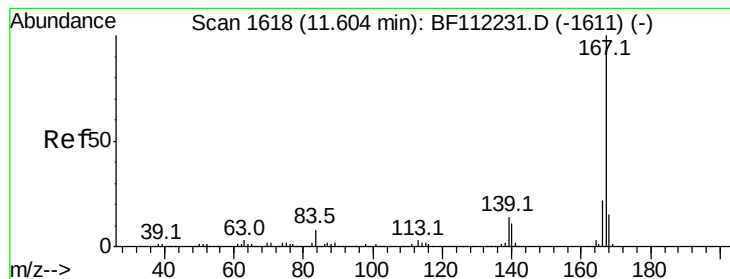
Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Tgt Ion:178	Resp:	153859
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.5 23.3
179	15.0	12.8 19.2





#73

Carbazole

Concen: 9.238 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMSD

Tot Ion:167 Resp: 138258

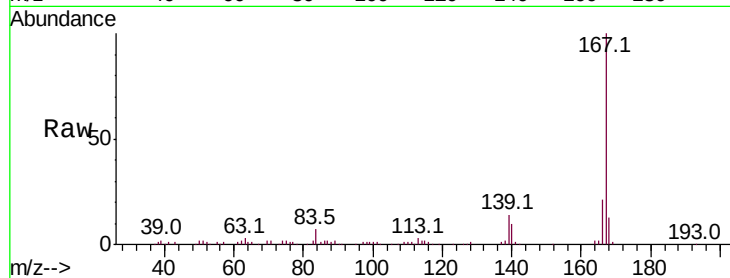
Ion Ratio Lower Upper

167 100

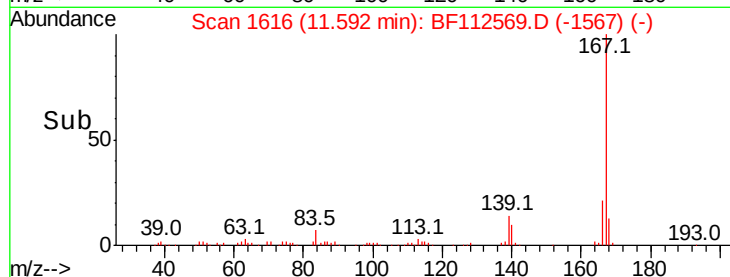
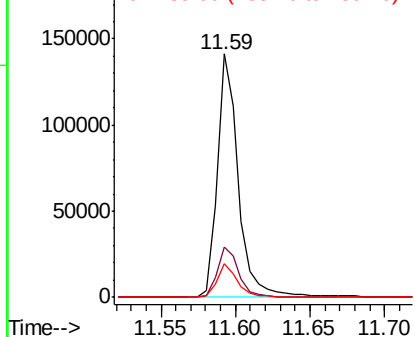
166 20.6 17.9 26.9

139 13.6 10.2 15.2

Manual Integrations
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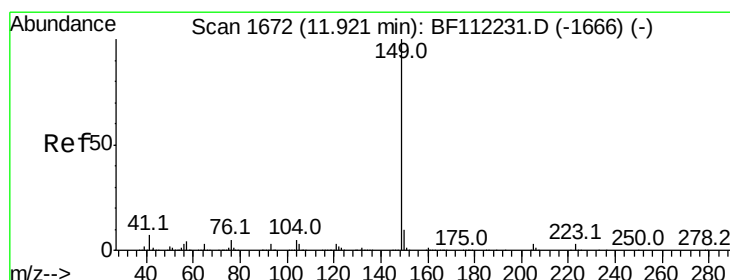


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Sohil

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#74

Di-n-butylphthalate

Concen: 10.260 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

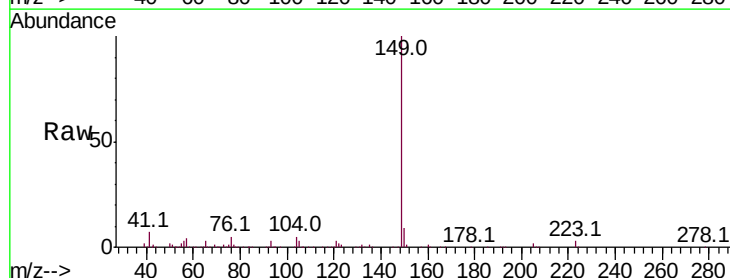
Tgt Ion:149 Resp: 190594

Ion Ratio Lower Upper

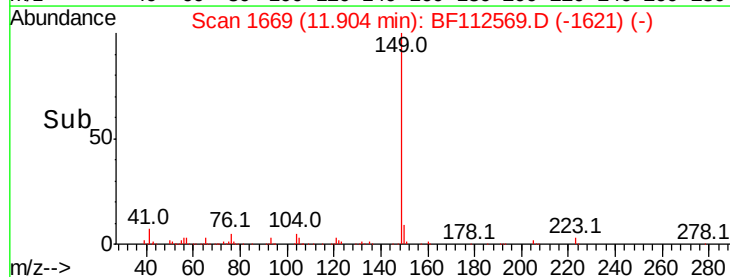
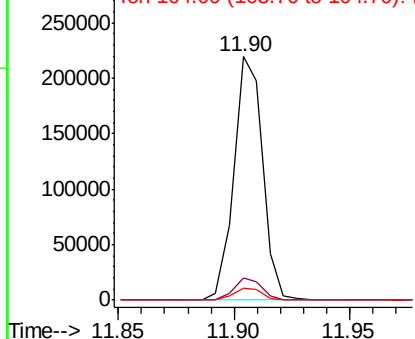
149 100

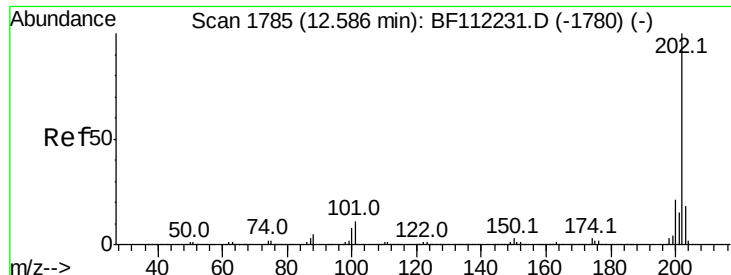
150 8.9 8.1 12.1

104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



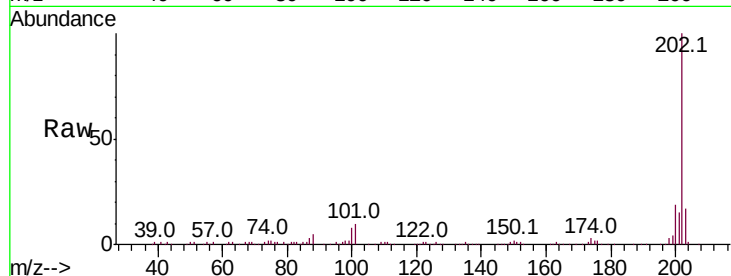


#75
 Fluoranthene
 Concen: 10.411 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

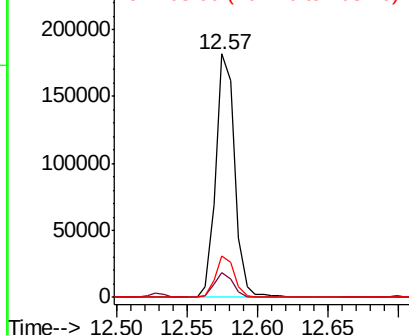
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

Tot Ion:	202	Resp:	170073
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.8
203	17.1	0.0	38.4

Manual Integrations
 APPROVED

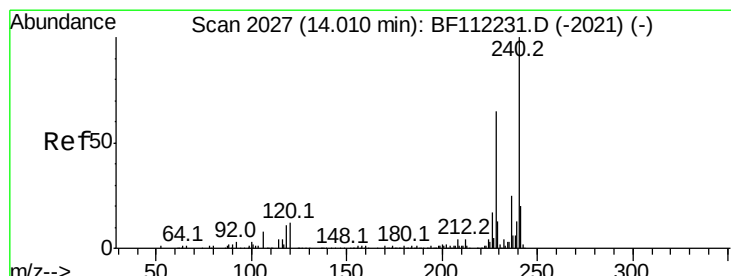
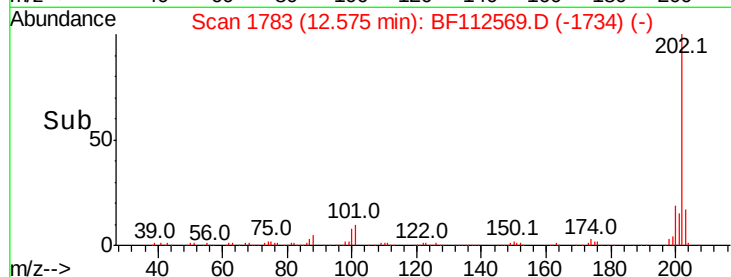


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



Sohil

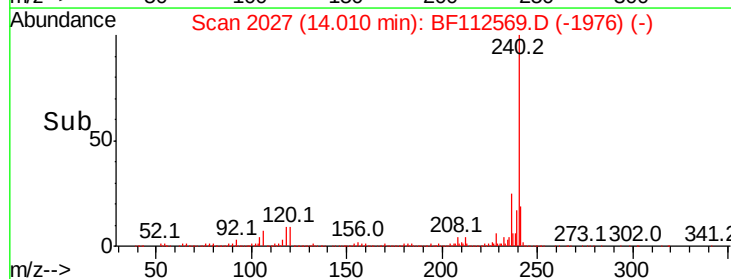
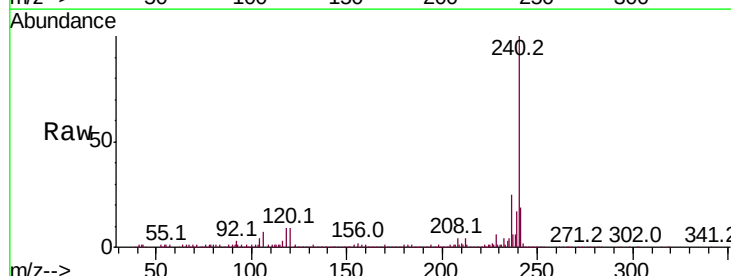
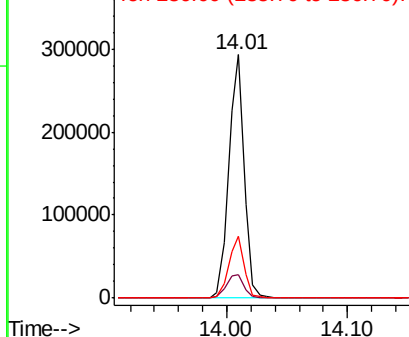
2/15/2019 4:53:12 PM

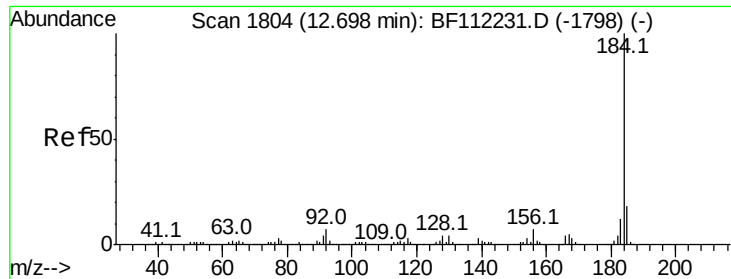


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion:	240	Resp:	258722
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.0	13.6
236	25.2	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.645 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

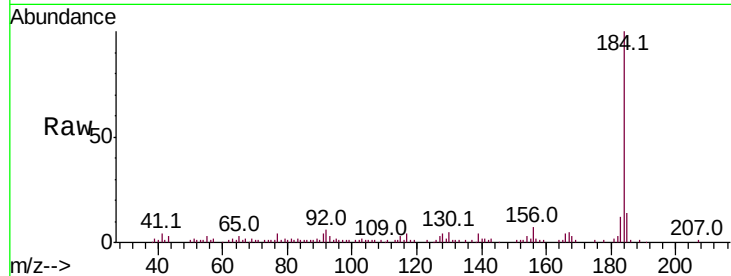
BNA_F

ClientSampleId :

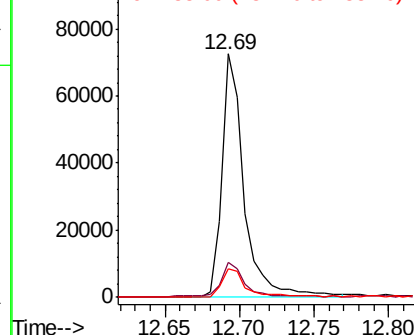
EO-02-021319-AMSD

Tot Ion:	184	Resp:	75801
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.9	20.9
183	11.7	10.0	15.0

Manual Integrations
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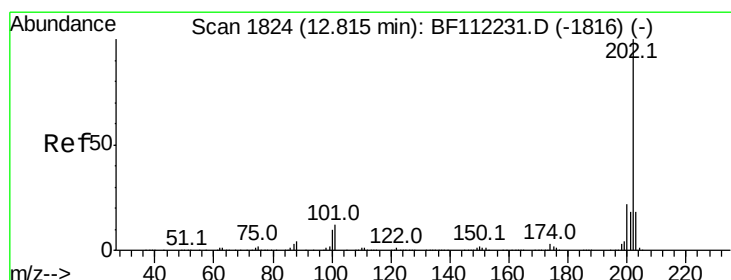
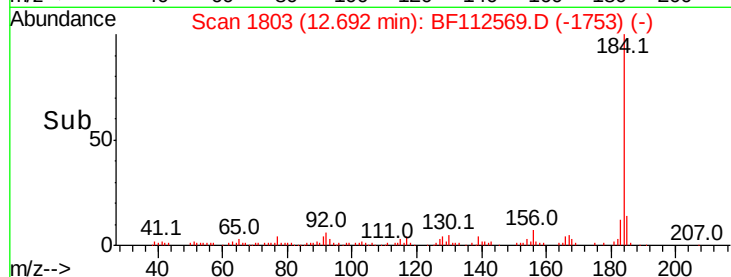


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Sohil

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#78

Pyrene

Concen: 9.663 ng

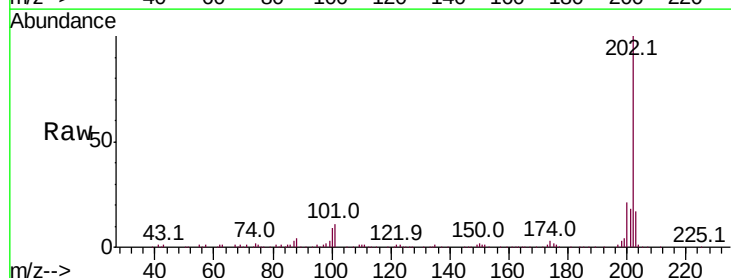
RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

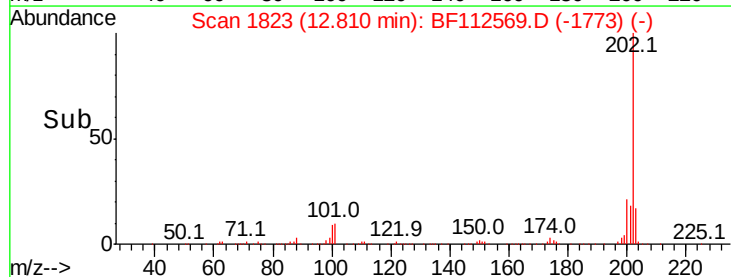
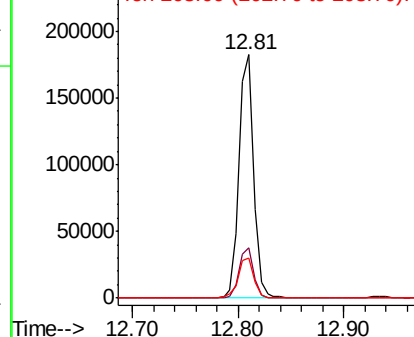
Lab File: BF112569.D

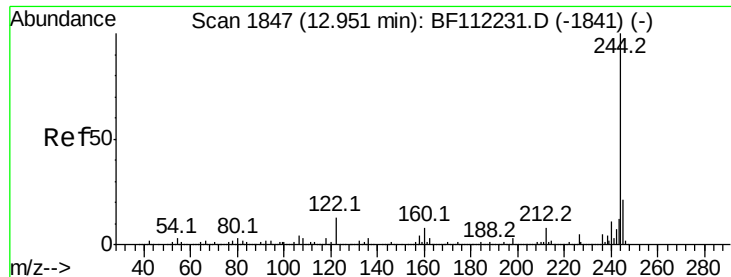
Acq: 14 Feb 2019 15:52

Tgt Ion:	202	Resp:	173086
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	16.6	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



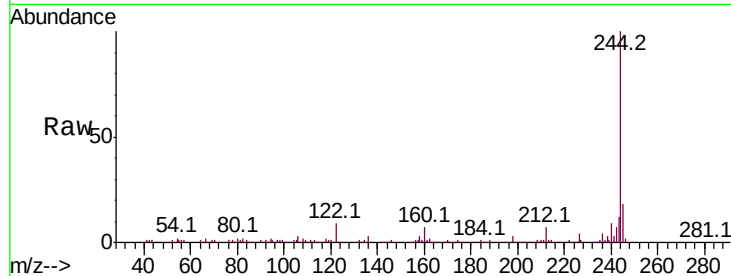


#79
 Terphenyl-d14
 Concen: 17.280 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

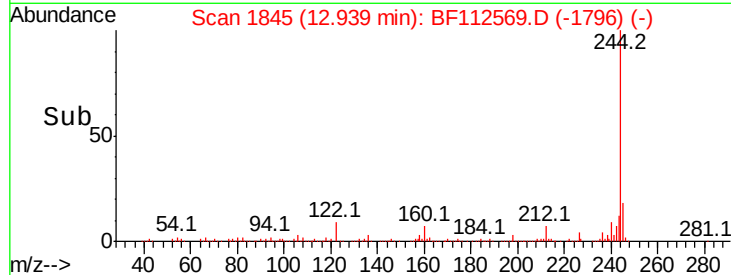
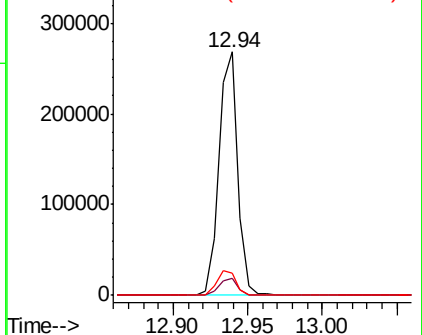
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.1	9.8	14.6

Manual Integrations
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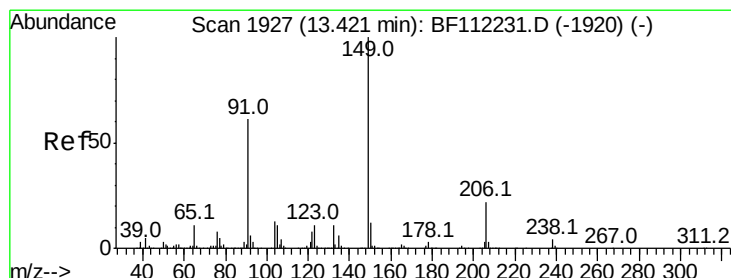


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



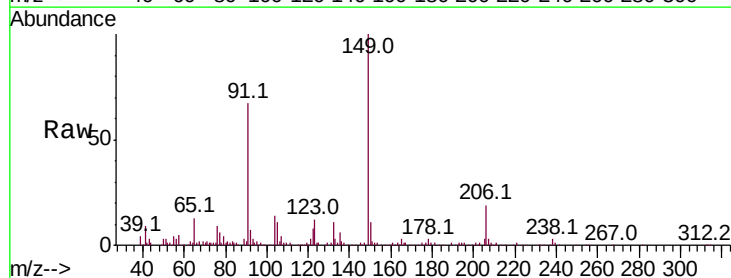
Sohil

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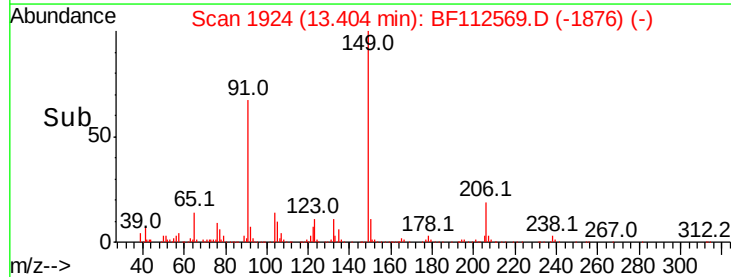
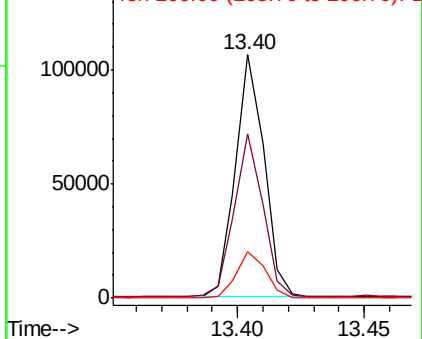


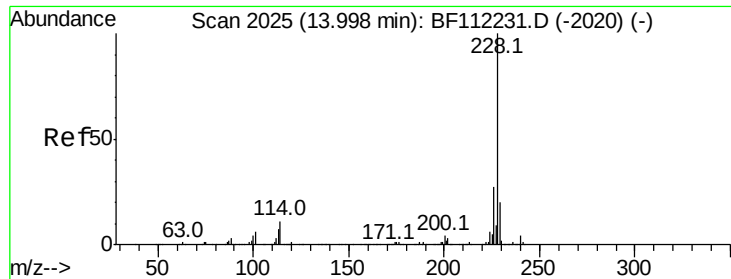
#80
 Butylbenzylphthalate
 Concen: 9.670 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF112569.D
 Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	50.3	75.5
206	19.2	18.2	27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E



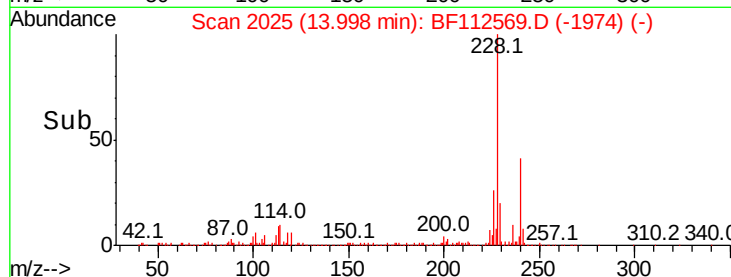
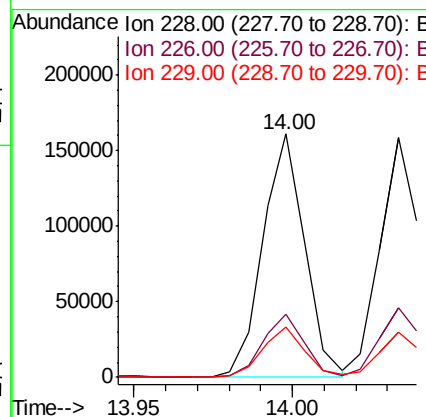
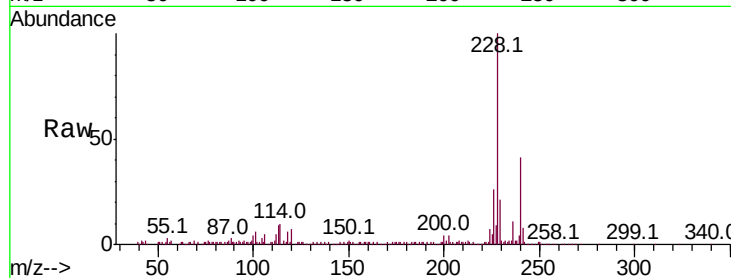


#81
Benzo(a)anthracene
Concen: 9.700 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

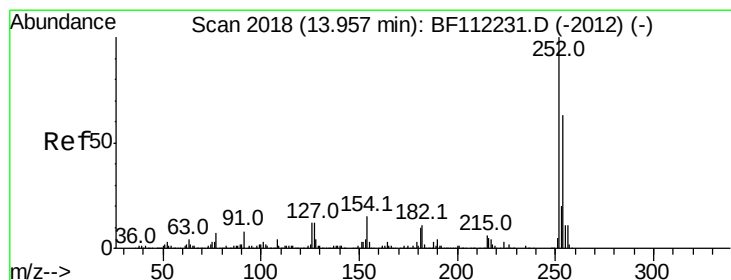
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	34.0
229	20.6	16.5	24.7

Manual Integrations
APPROVED



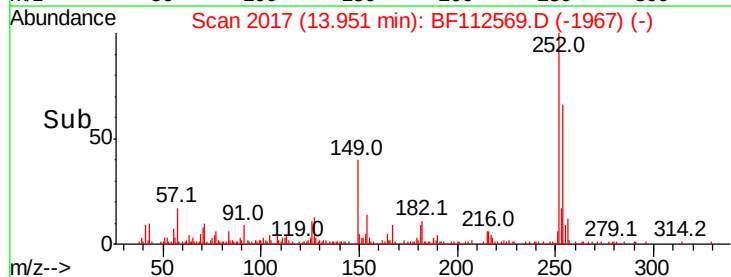
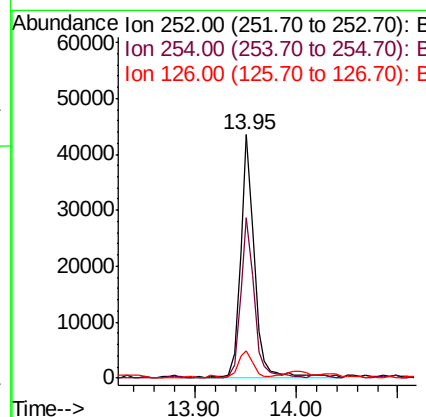
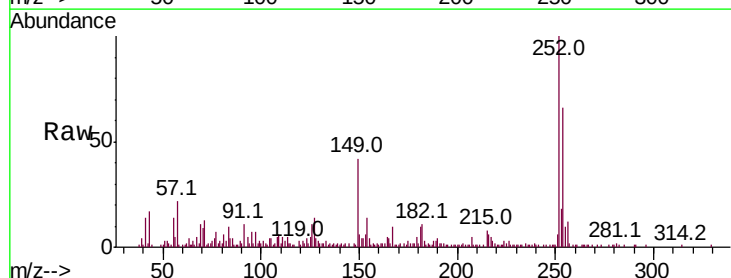
Sohil

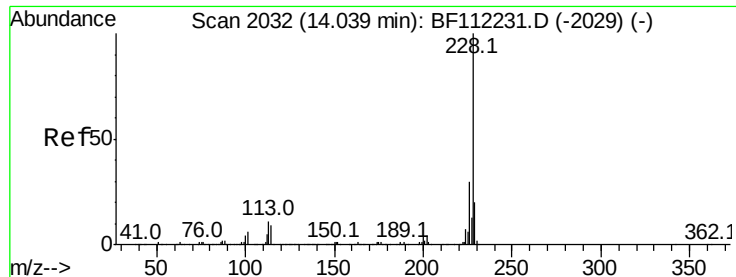
2/15/2019 4:53:12 PM



#82
3,3'-Dichlorobenzidine
Concen: 7.341 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.6	77.4
126	11.0	8.6	12.8



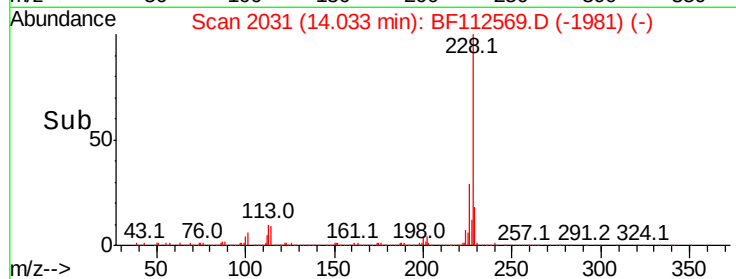
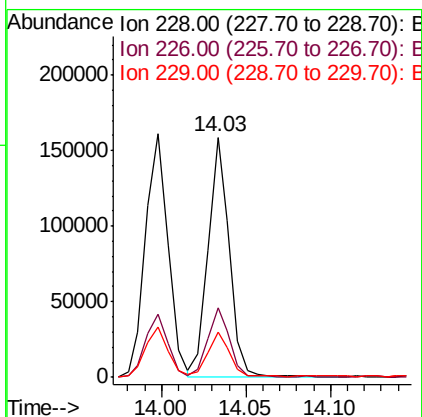
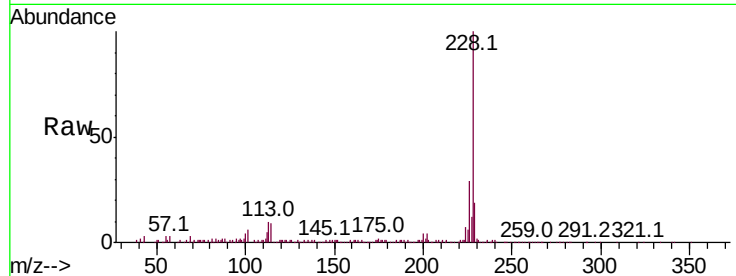


#83
Chrysene
Concen: 9.581 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

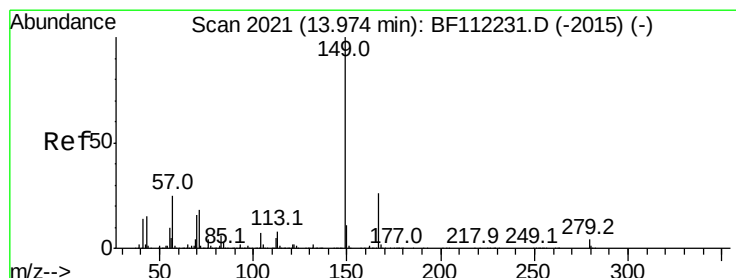
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	18.7	16.6	24.8

Manual Integrations
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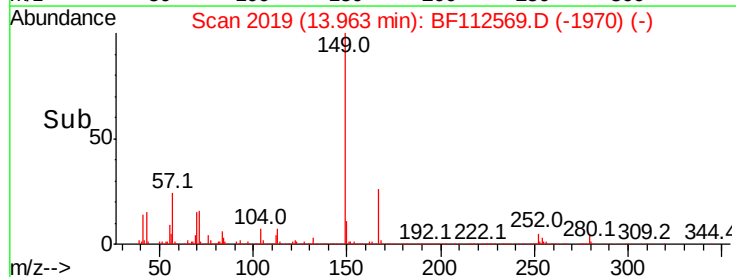
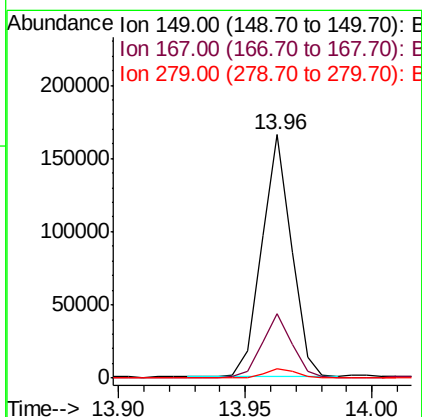
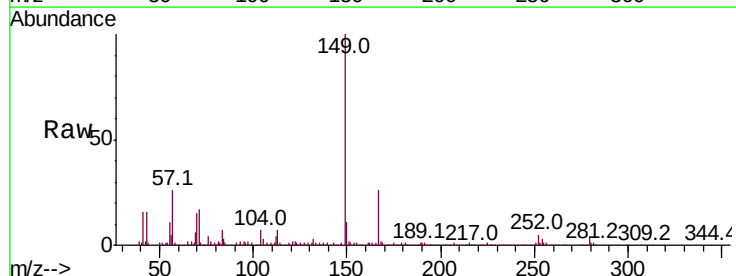
Sohil

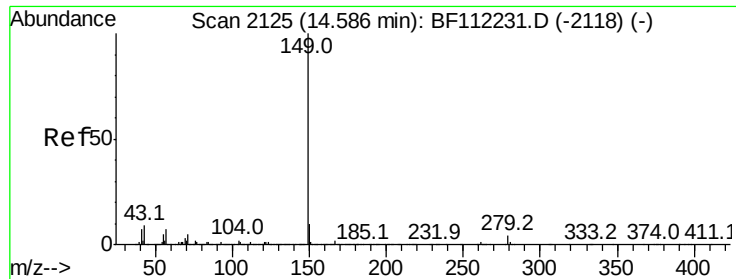
2/15/2019 4:53:12 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.892 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.5	33.7
279	3.8	3.8	5.6



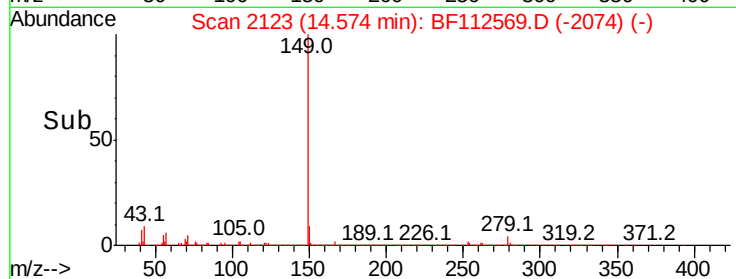
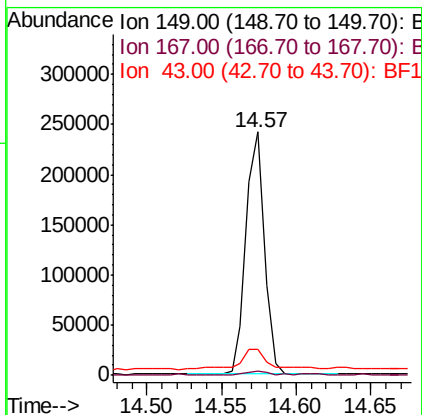
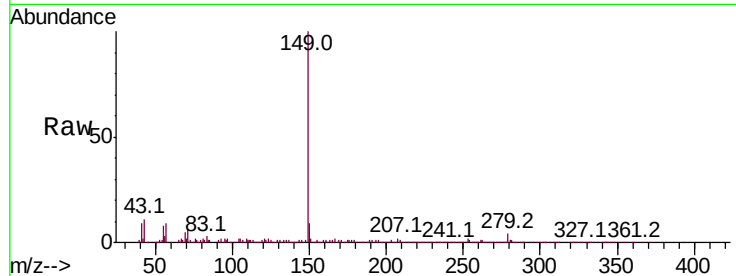


#85
Di-n-octyl phthalate
Concen: 11.009 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

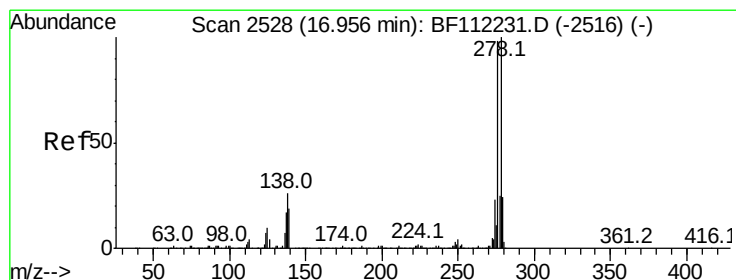
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.5	7.8	11.6

Manual Integrations
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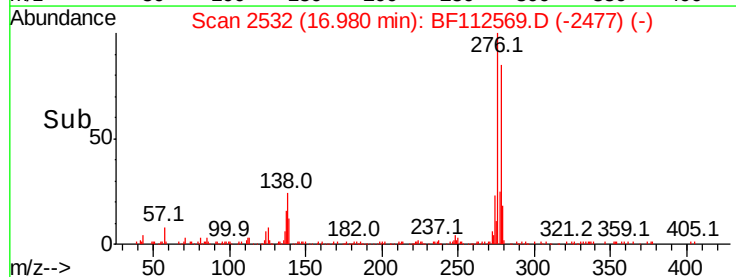
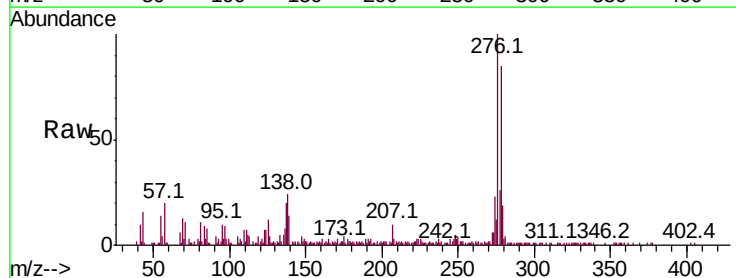
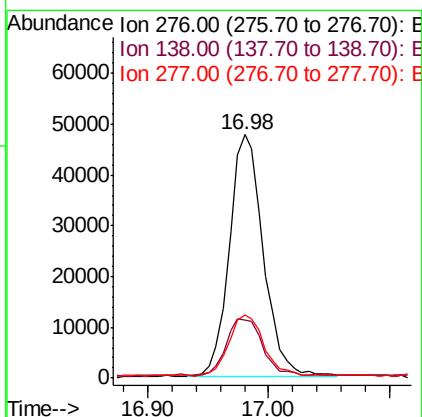
Sohil

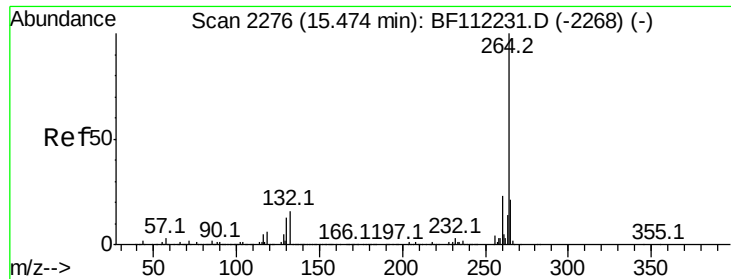
2/15/2019 4:53:12 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.107 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.0	22.6	34.0
277	26.8	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

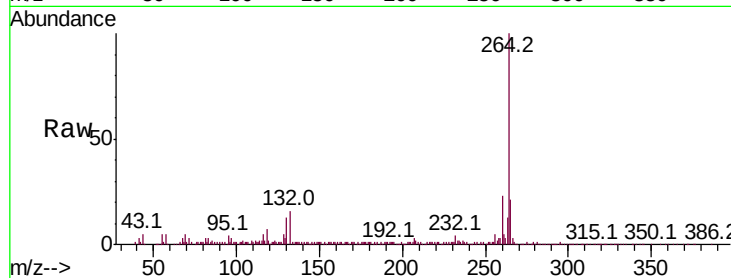
BNA_F

ClientSampleId :

EO-02-021319-AMSD

Tot Ion:	264	Resp:	185730
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	21.0	17.0	25.4

Manual Integrations
APPROVED

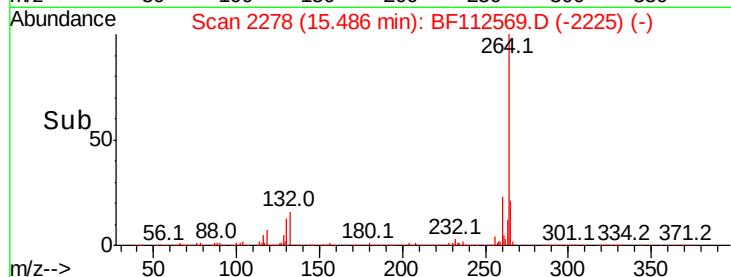
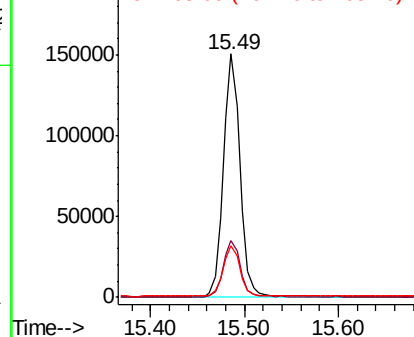


Abundance

Ion 264.00 (263.70 to 264.70): E

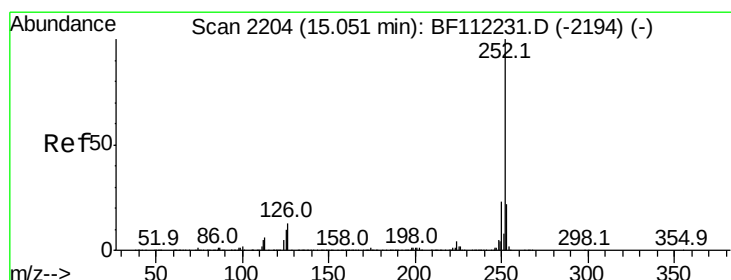
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#88

Benzo(b)fluoranthene

Concen: 10.330 ng

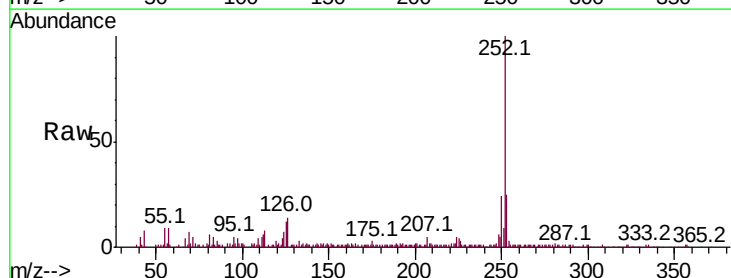
RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Tgt Ion:	252	Resp:	114745
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.0	27.0
125	12.2	8.7	13.1

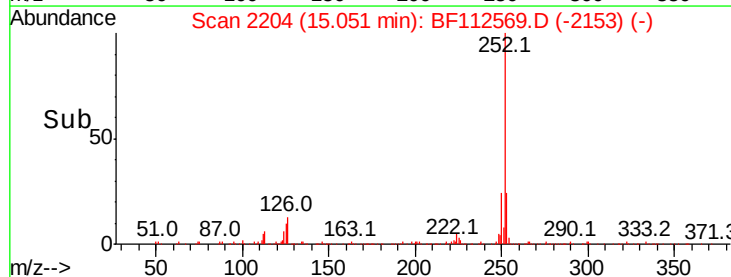
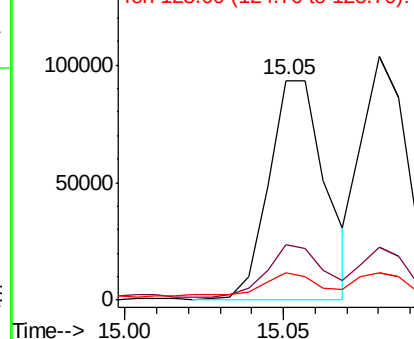


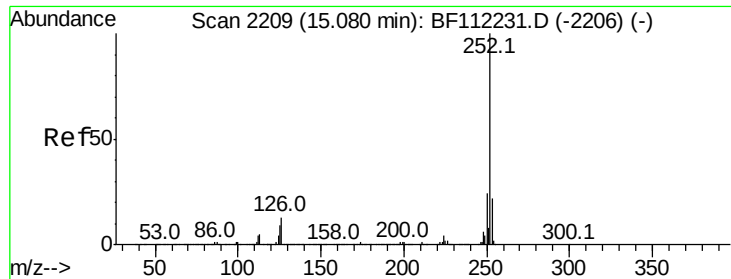
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.992 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BF112569.D

Acq: 14 Feb 2019 15:52

Instrument :

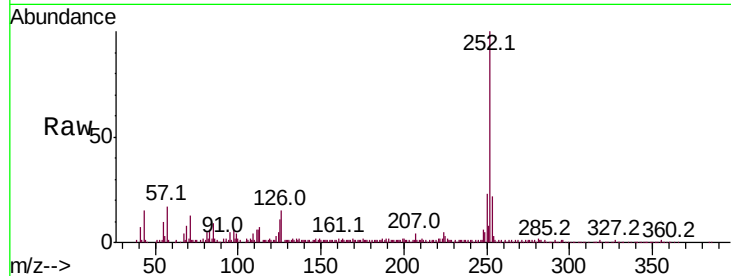
BNA_F

ClientSampleId :

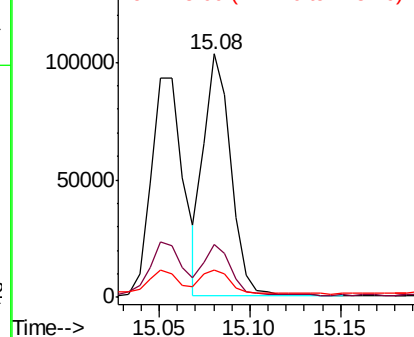
EO-02-021319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.5	18.0	27.0	
125	11.0	9.1	13.7	

Manual Integrations
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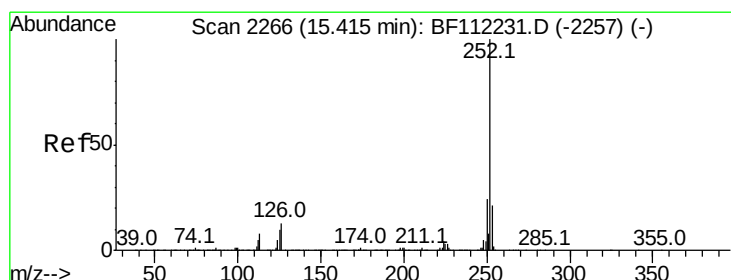
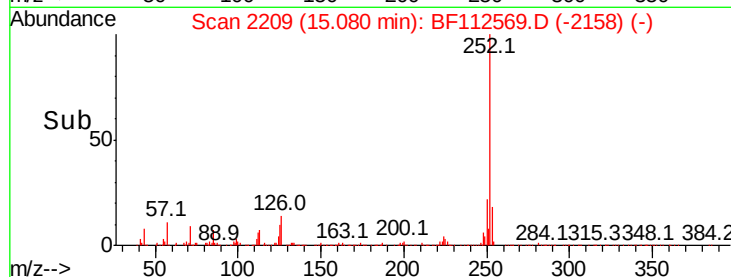


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Sohil

2/15/2019 4:53:12 PM



#90

Benzo(a)pyrene

Concen: 9.718 ng

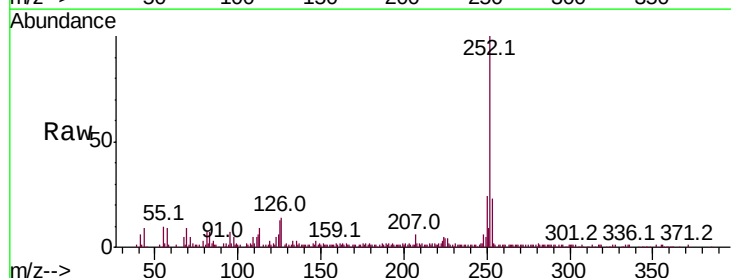
RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

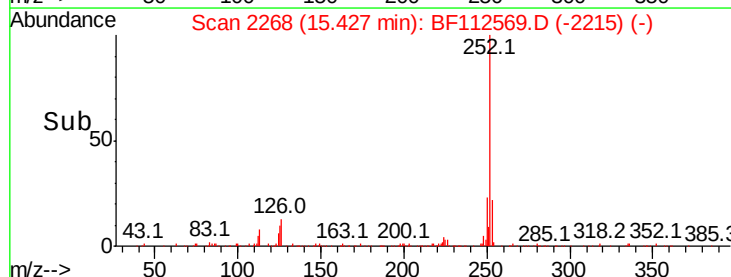
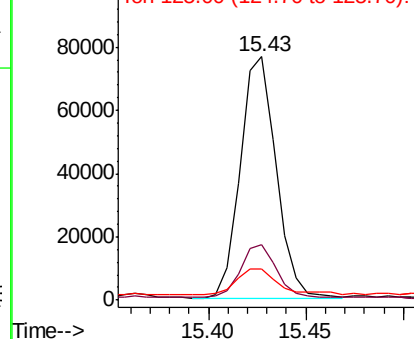
Lab File: BF112569.D

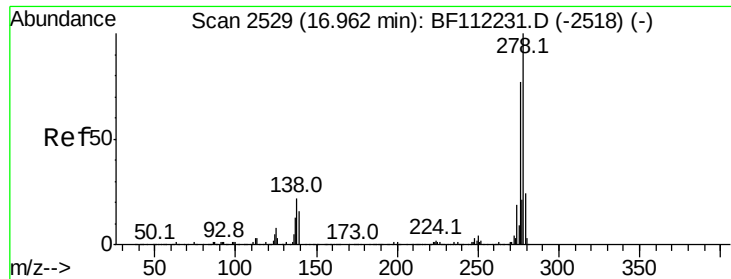
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	17.5	26.3	
125	12.5	9.0	13.4	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



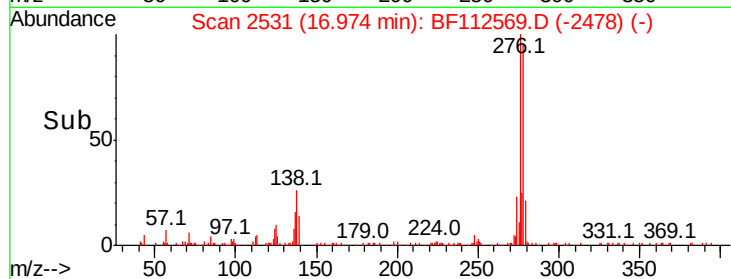
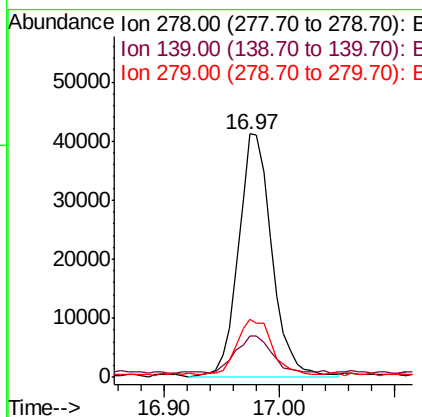
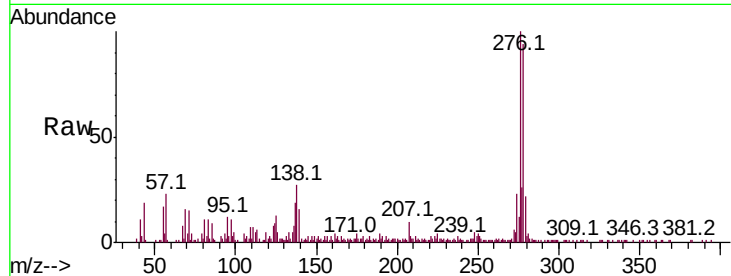


#91
Dibenzo(a,h)anthracene
Concen: 10.362 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMSD

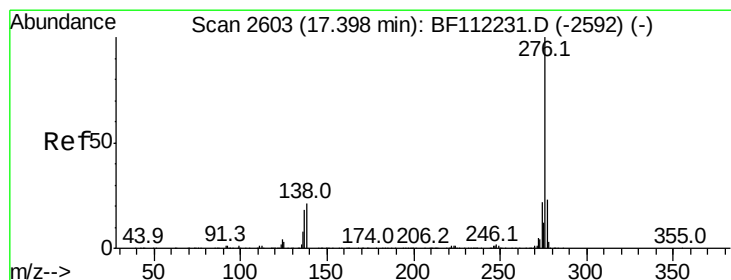
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	23.7	19.0	28.6

Manual Integrations
APPROVED



Sohil

2/15/2019 4:53:12 PM



#92
Benzo(g,h,i)perylene
Concen: 10.279 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.04 min
Lab File: BF112569.D
Acq: 14 Feb 2019 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	20.9	19.1	28.7

