

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114228.D
 Acq On : 13 May 2019 14:57
 Operator : JU/SJ
 Sample : K2767-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Manual Integrations
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 5/14/2019 8:03:11 PM

Quant Time: May 14 09:20:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312012	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1203157	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	567428	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1009835	20.00	ng	0.02
76) Chrysene-d12	14.04	240	479460	20.00	ng	0.02
87) Perylene-d12	15.54	264	678767	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1473282	75.99	ng	0.02
7) Phenol-d6	6.51	99	1966861	85.77	ng	0.02
23) Nitrobenzene-d5	7.42	82	1268957	59.19	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	432808	73.78	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1993202	53.14	ng	0.00
79) Terphenyl-d14	12.97	244	1601661	68.86	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	237800	22.314	ng	97
3) Pyridine	3.42	79	426864	14.538	ng	95
4) n-Nitrosodimethylamine	3.34	42	342480	24.188	ng	91
6) Aniline	6.52	93	98726	2.980	ng	# 1
8) 2-Chlorophenol	6.65	128	599931	28.985	ng	96
9) Benzaldehyde	6.40	77	253337	15.781	ng	99
10) Phenol	6.52	94	718980	26.653	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	627121	30.622	ng	97
12) 1,3-Dichlorobenzene	6.80	146	606373	26.099	ng	98
13) 1,4-Dichlorobenzene	6.87	146	605033	25.842	ng	98
14) 1,2-Dichlorobenzene	7.03	146	574566	26.862	ng	98
15) Benzyl Alcohol	7.00	79	516010	28.851	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1126468	28.368	ng	85
17) 2-Methylphenol	7.12	107	432755	25.452	ng	# 92
18) Hexachloroethane	7.37	117	207734	23.638	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	437062	30.070	ng	99
20) 3+4-Methylphenols	7.27	107	576548	29.349	ng	# 59
22) Acetophenone	7.26	105	841814	31.583	ng	# 89
24) Nitrobenzene	7.44	77	670802	30.720	ng	96
25) Isophorone	7.68	82	1215638	30.574	ng	98
26) 2-Nitrophenol	7.76	139	337505	31.858	ng	97
27) 2,4-Dimethylphenol	7.80	122	408398	24.545	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	799531	30.992	ng	99
29) 2,4-Dichlorophenol	8.00	162	497750	30.043	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	515653	27.370	ng	98
31) Naphthalene	8.16	128	2329795	41.454	ng	99
32) Benzoic acid	7.92	122	271864	26.584	ng	98
33) 4-Chloroaniline	8.21	127	103558	4.044	ng	98
34) Hexachlorobutadiene	8.27	225	270852	25.267	ng	97
35) Caprolactam	8.58	113	150875	27.927	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	512059	30.704	ng	96
37) 2-Methylnaphthalene	8.85	142	1398375	38.564	ng	99
38) 1-Methylnaphthalene	8.95	142	1240072	36.315	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	498722	29.015	ng	99

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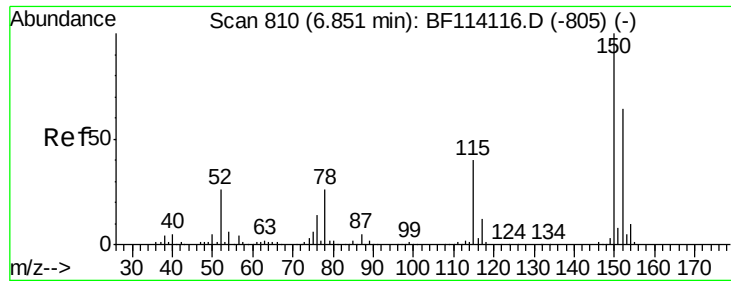
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Quant Time: May 14 09:20:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71244	12.740	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	346661	29.321	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	361475	29.813	nq	98
46) 1,1'-Biphenyl	9.32	154	1438693	31.385	nq	99
47) 2-Chloronaphthalene	9.34	162	1007220	27.302	nq	99
48) 2-Nitroaniline	9.44	65	361449	27.626	nq	96
49) Acenaphthylene	9.76	152	2927955	52.182	nq	99
50) Dimethylphthalate	9.61	163	1511020	36.275	nq	100
51) 2,6-Dinitrotoluene	9.68	165	273606	29.614	nq	91
52) Acenaphthene	9.93	154	937629	27.231	nq	99
53) 3-Nitroaniline	9.85	138	103405	9.016	nq	99
54) 2,4-Dinitrophenol	9.96	184	128545	32.082	nq	98
55) Dibenzofuran	10.10	168	1380839	27.349	nq	97
56) 4-Nitrophenol	10.03	139	359828	44.365	nq	96
57) 2,4-Dinitrotoluene	10.09	165	355430	28.344	nq	90
58) Fluorene	10.45	166	1401402	35.935	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	284198m	27.165	nq	
60) Diethylphthalate	10.31	149	1206357	28.503	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	528863	27.611	nq	97
62) 4-Nitroaniline	10.46	138	162403	13.476	nq	96
63) Azobenzene	10.59	77	1115495	27.229	nq	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	96191	19.823	nq	81
66) n-Nitrosodiphenylamine	10.55	169	972663	31.736	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	327723	29.475	nq	97
68) Hexachlorobenzene	11.00	284	336916	27.391	nq	# 91
69) Atrazine	11.09	200	307927	32.285	nq	97
70) Pentachlorophenol	11.20	266	297700	51.056	nq	99
71) Phenanthrene	11.42	178	6324145	128.723	nq	95
72) Anthracene	11.46	178	2086258	42.278	nq	99
73) Carbazole	11.62	167	1301359	27.655	nq	99
74) Di-n-butylphthalate	11.94	149	1785182	32.929	nq	98
75) Fluoranthene	12.62	202	6233583	117.823	nq	94
78) Pyrene	12.86	202	8968851	232.533	nq	92
80) Butylbenzylphthalate	13.44	149	664642	40.940	nq	100
81) Benzo(a)anthracene	14.03	228	4469755	144.133	nq	# 82
82) 3,3'-Dichlorobenzidine	13.99	252	12982	1.079	nq	# 67
83) Chrysene	14.08	228	4485979	147.566	nq	95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1027284	48.382	nq	99
85) Di-n-octyl phthalate	14.63	149	1529062	44.424	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	2407083	89.593	nq	98
88) Benzo(b)fluoranthene	15.12	252	5341529m	122.834	nq	
89) Benzo(k)fluoranthene	15.14	252	1958136m	49.020	nq	
90) Benzo(a)pyrene	15.49	252	4235649	110.675	nq	99
91) Dibenzo(a,h)anthracene	17.05	278	1105366	34.758	nq	98
92) Benzo(g,h,i)perylene	17.50	276	2677022	83.999	nq	98

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



#1

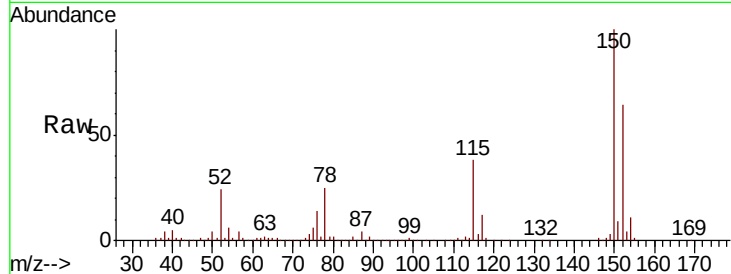
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

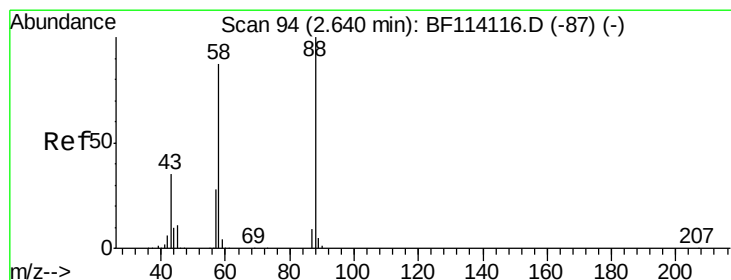
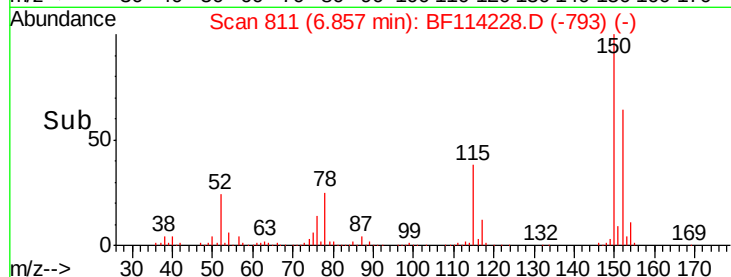
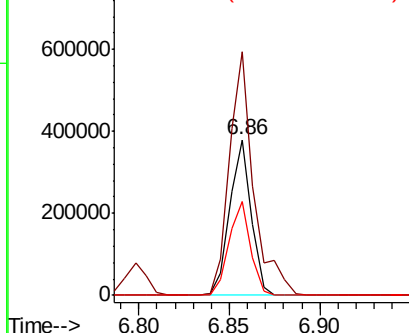
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	60.1	49.1	73.7

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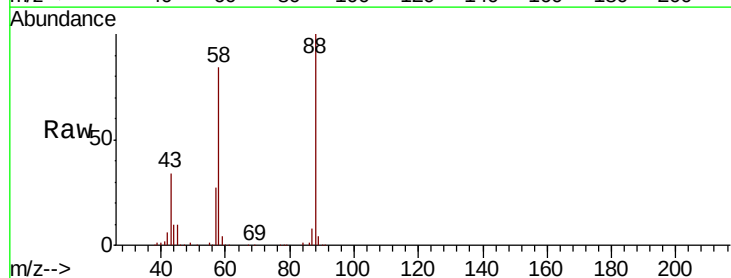
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



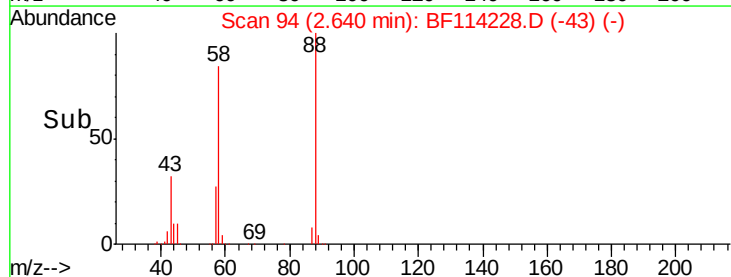
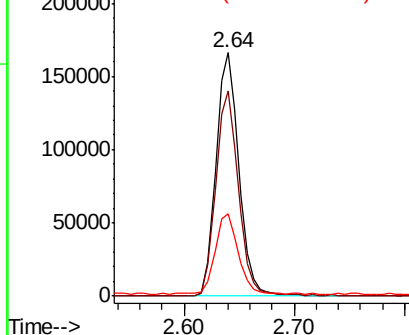
#2

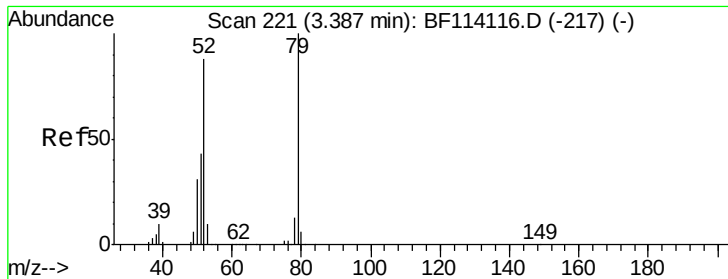
1,4-Dioxane
Concen: 22.314 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	68.7	103.1
43	33.8	28.2	42.2



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: 14.538 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

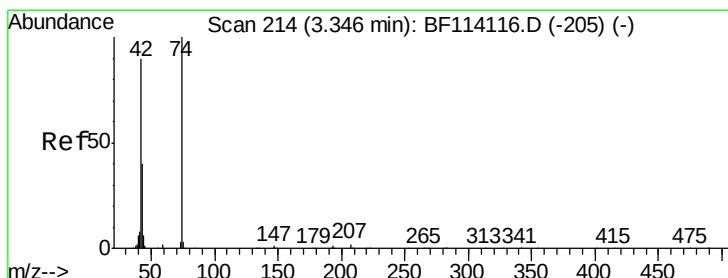
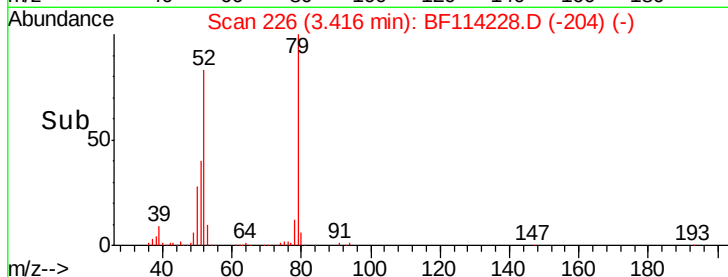
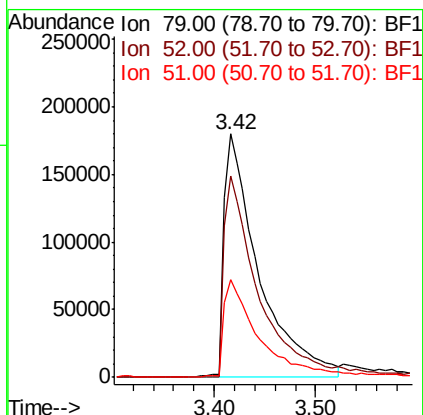
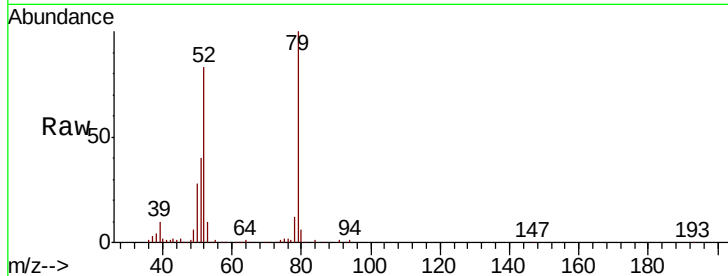
ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:	79	Resp:	426864
Ion	Ratio	Lower	Upper
79	100		
52	82.6	70.6	105.8
51	39.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 24.188 ng

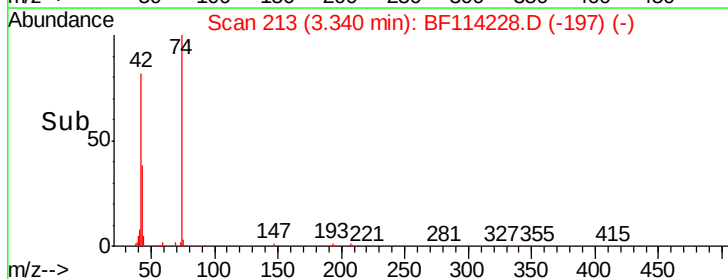
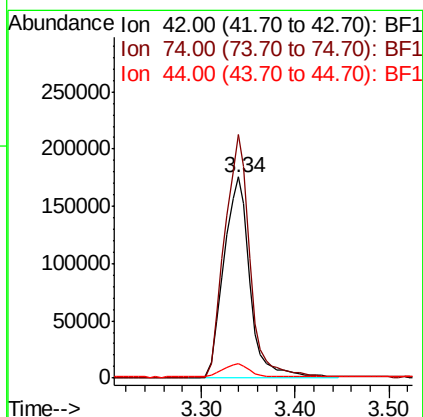
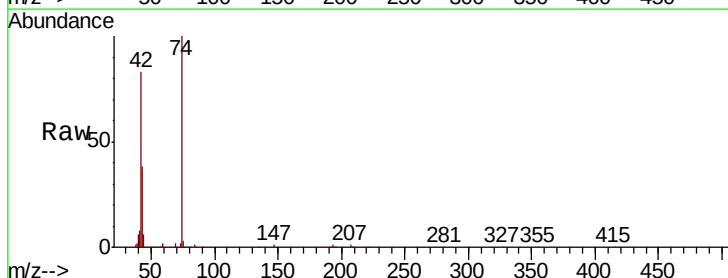
RT: 3.34 min Scan# 213

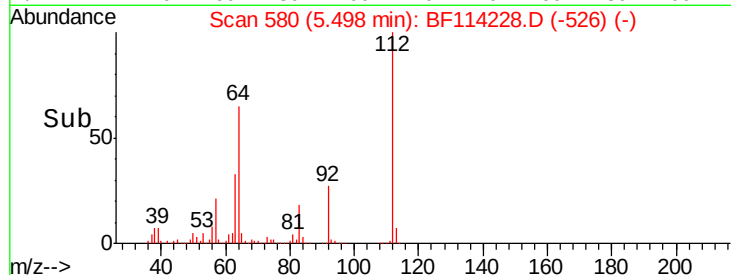
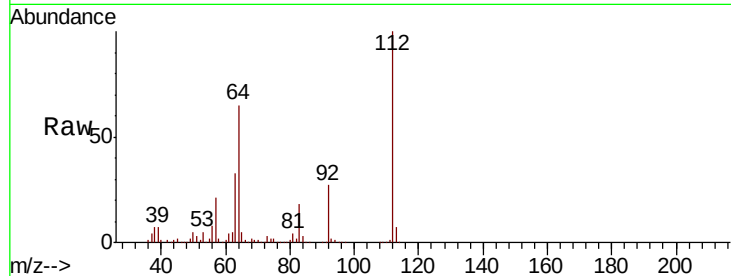
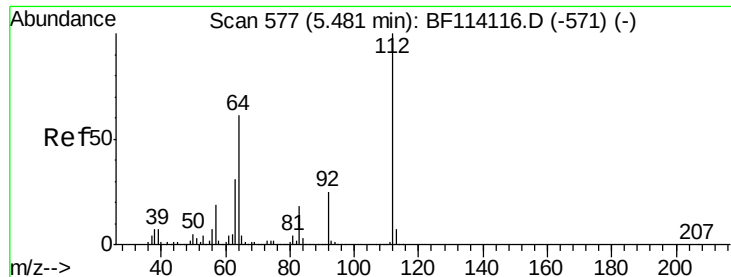
Delta R.T. -0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion:	42	Resp:	342480
Ion	Ratio	Lower	Upper
42	100		
74	121.0	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 75.987 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tot Ion:	112	Resp:	1473282
Ion Ratio	Lower	Upper	
112	100		
64	64.7	49.0	73.6
63	33.2	24.6	37.0

Instrument :

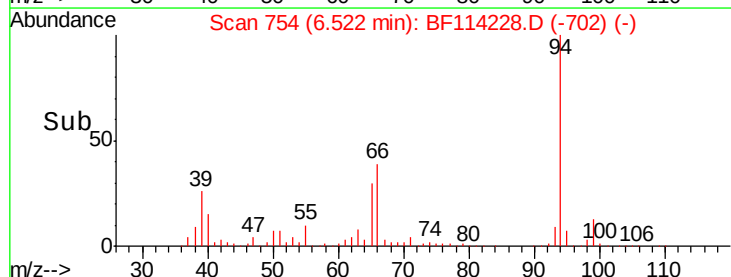
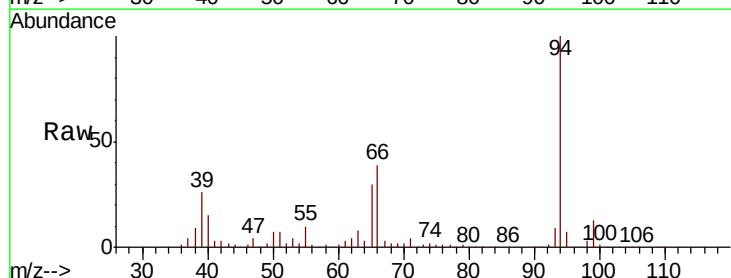
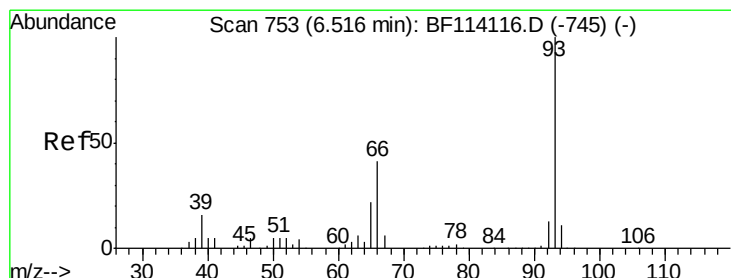
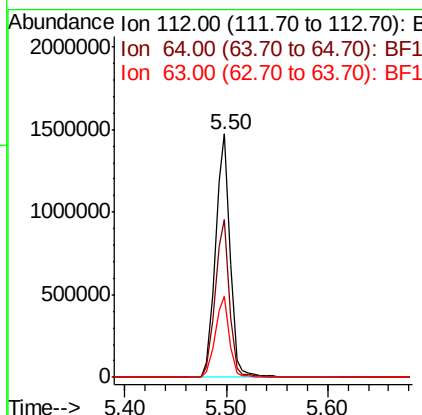
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

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#6

Aniline

Concen: 2.980 ng

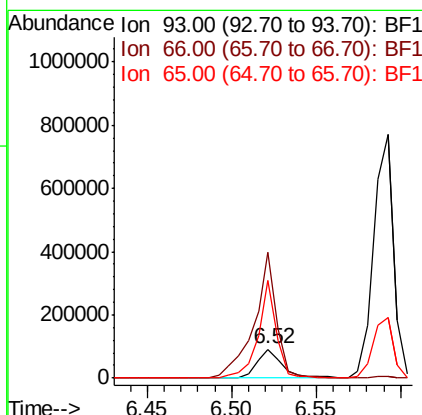
RT: 6.52 min Scan# 754

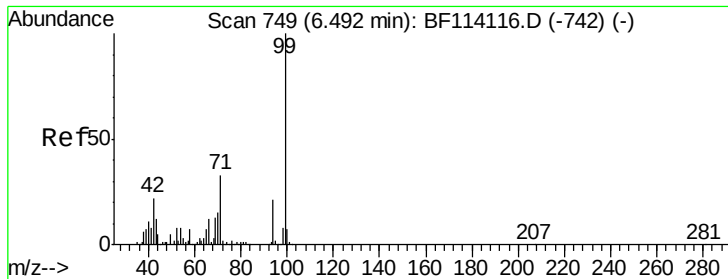
Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion:	93	Resp:	98726
Ion Ratio	Lower	Upper	
93	100		
66	432.8	33.2	49.8#
65	335.3	17.6	26.4#





#7

Phenol-d6

Concen: 85.771 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion: 99 Resp: 1966861

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

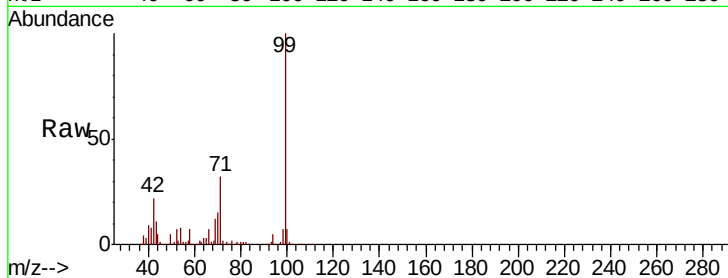
71 32.2 26.2 39.2

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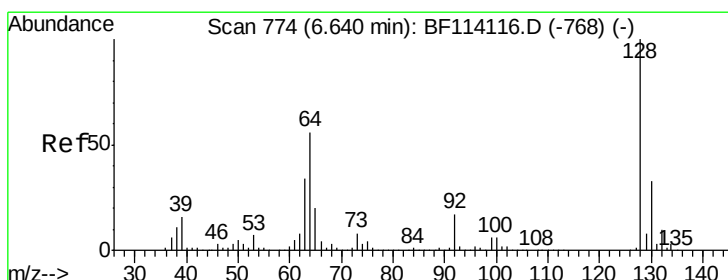
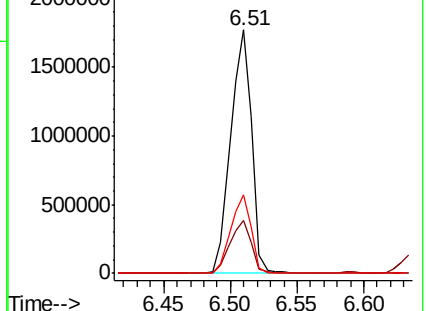
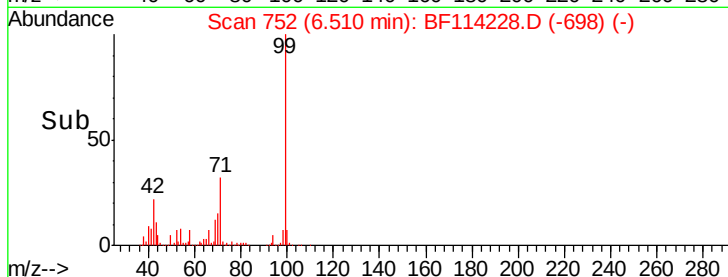
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 28.985 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

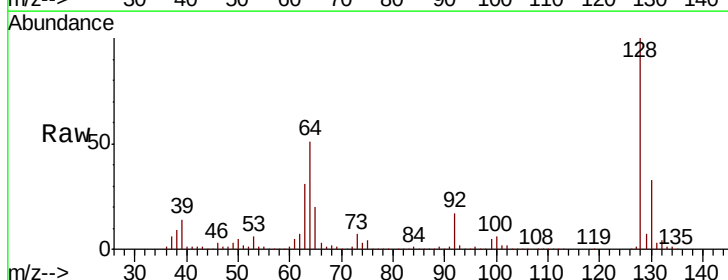
Tgt Ion: 128 Resp: 599931

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

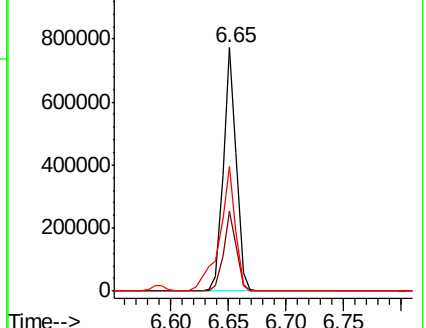
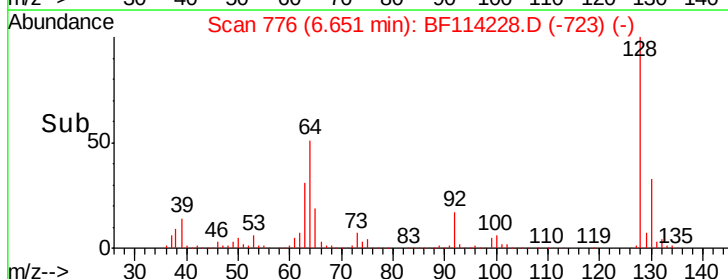
64 51.3 35.9 75.9

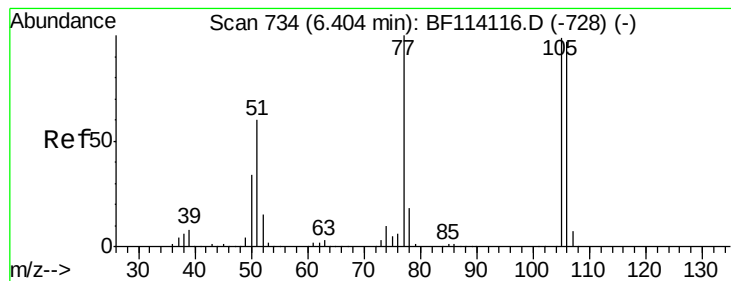


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.781 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

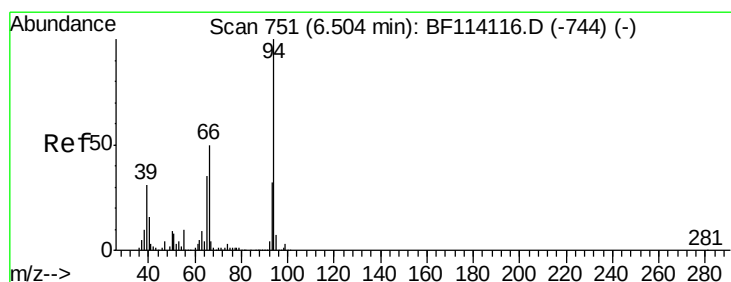
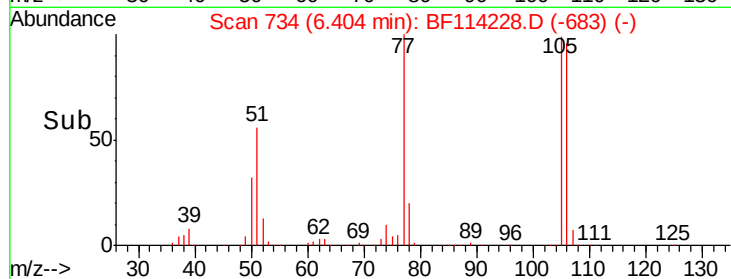
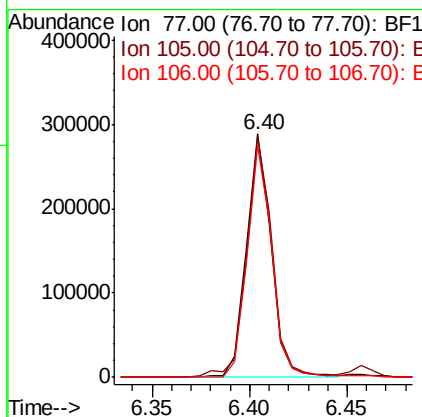
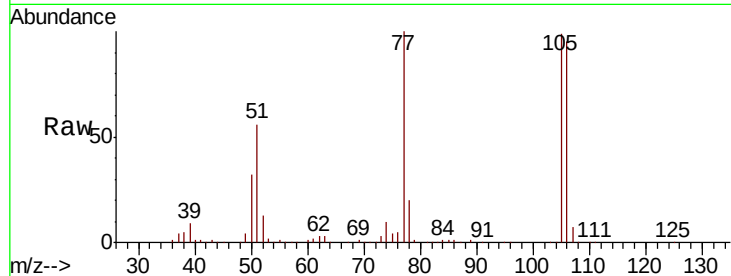
ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:	77	Resp:	253337
Ion Ratio	Lower	Upper	
77	100		
105	99.1	79.3	119.3
106	95.5	77.0	117.0

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#10

Phenol

Concen: 26.653 ng

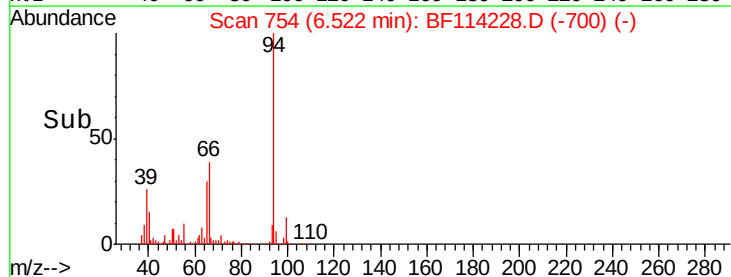
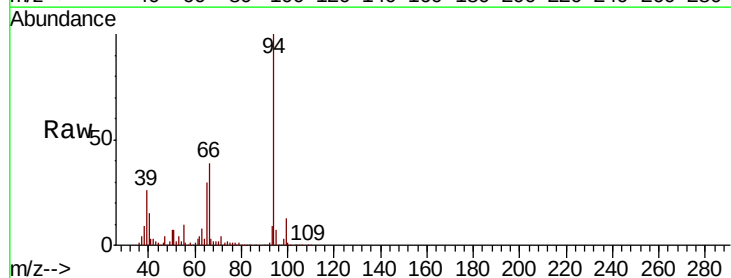
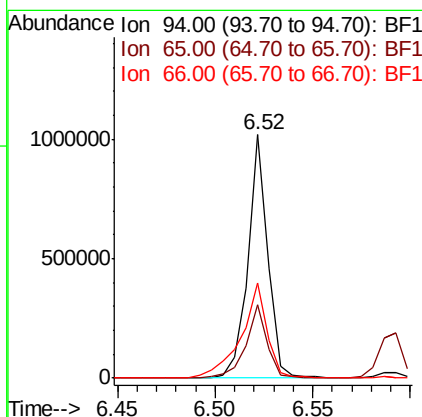
RT: 6.52 min Scan# 754

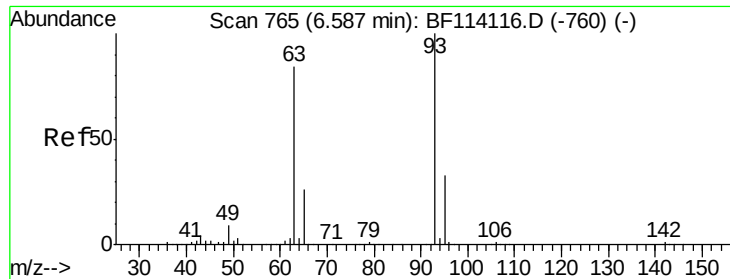
Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion:	94	Resp:	718980
Ion Ratio	Lower	Upper	
94	100		
65	30.3	14.7	54.7
66	39.2	29.6	69.6





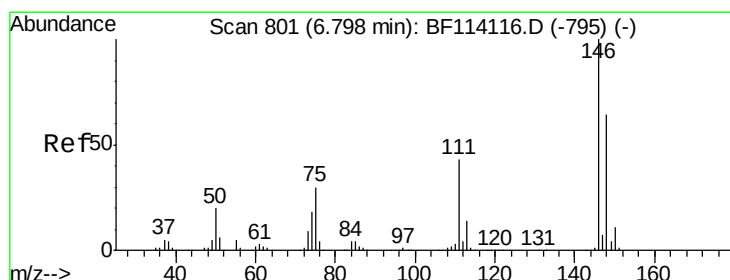
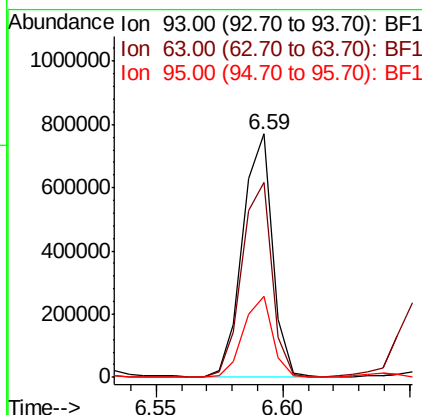
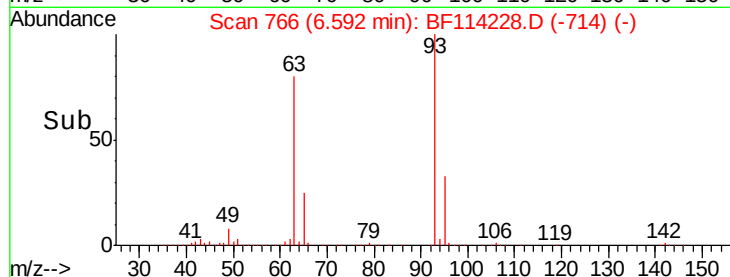
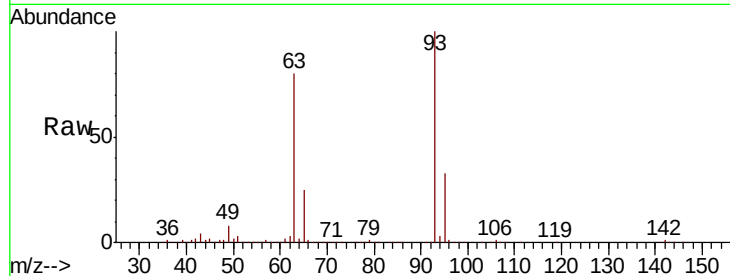
#11
bis(2-Chloroethyl)ether
Concen: 30.622 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:	93	Resp:	627121
Ion Ratio	Lower	Upper	
93	100		
63	79.9	63.6	103.6
95	33.1	13.1	53.1

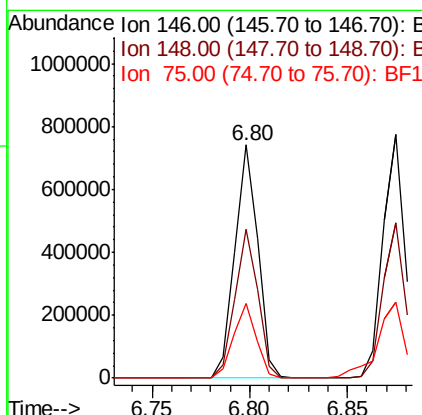
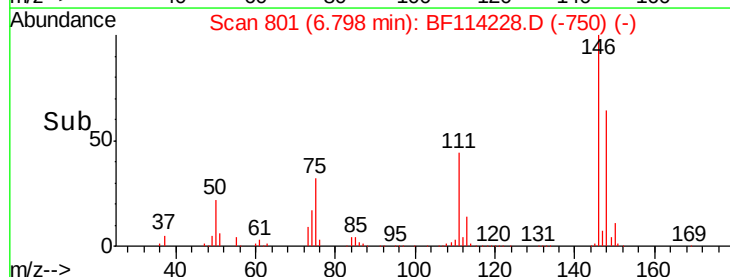
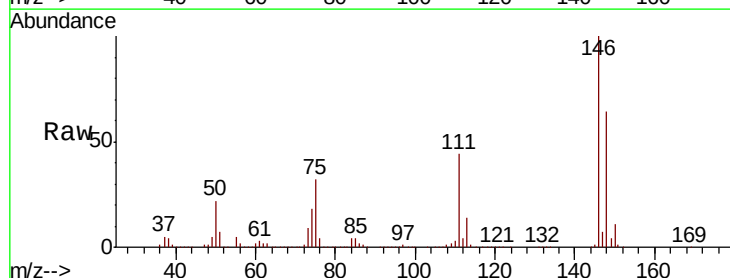
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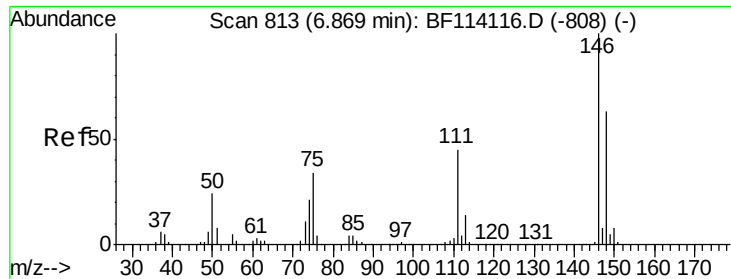
Sohil
5/14/2019 8:03:11 PM



#12
1,3-Dichlorobenzene
Concen: 26.099 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:	146	Resp:	606373
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.6	77.4
75	31.8	24.2	36.2





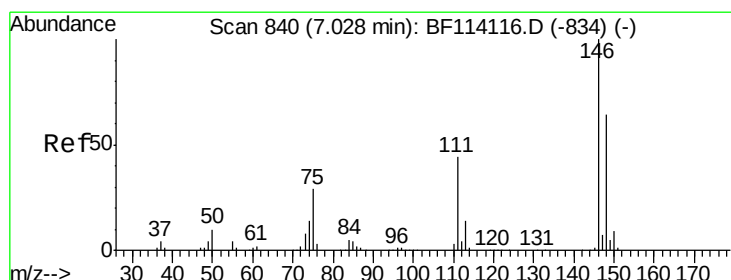
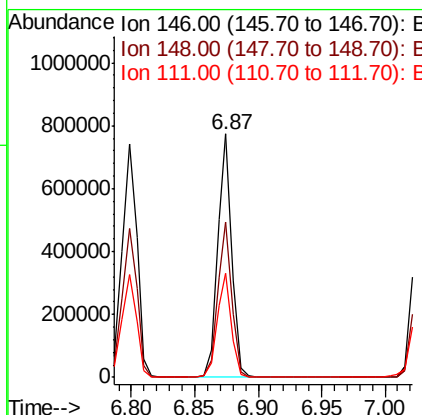
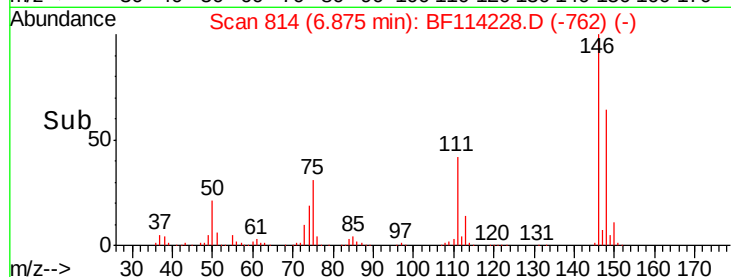
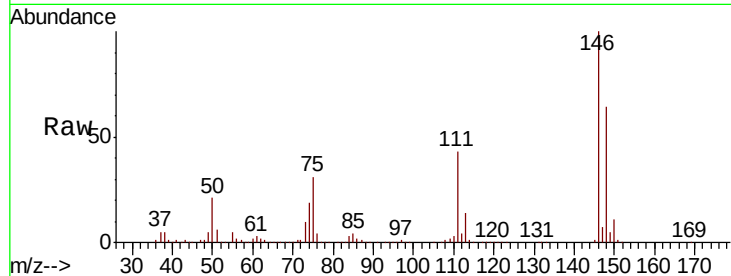
#13
 1,4-Dichlorobenzene
 Concen: 25.842 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	42.5	35.8	53.6

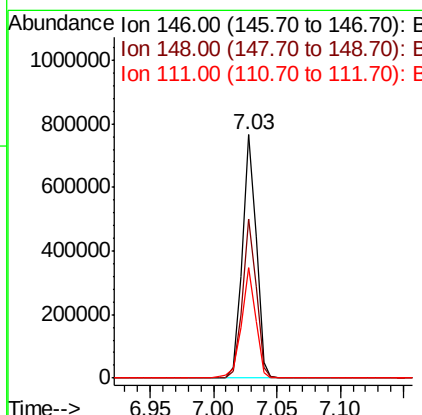
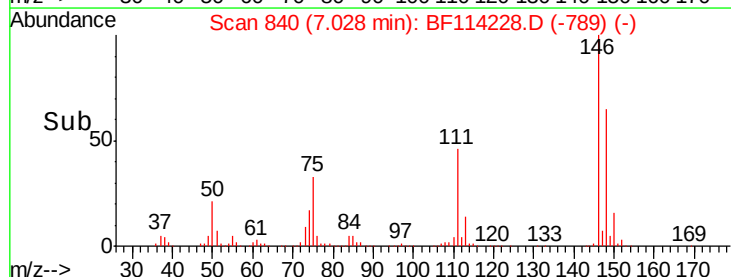
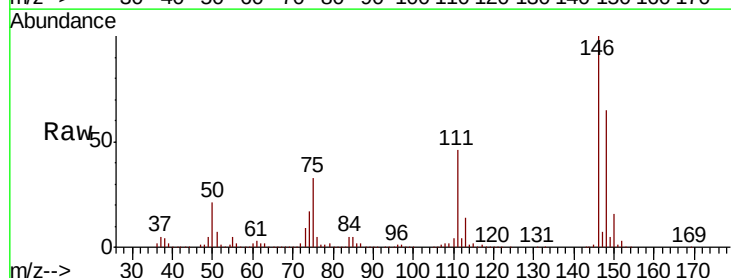
Manual Integrations
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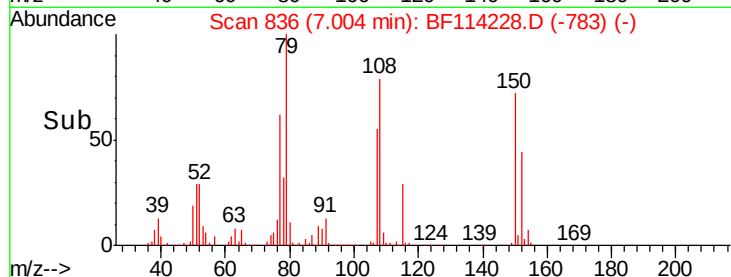
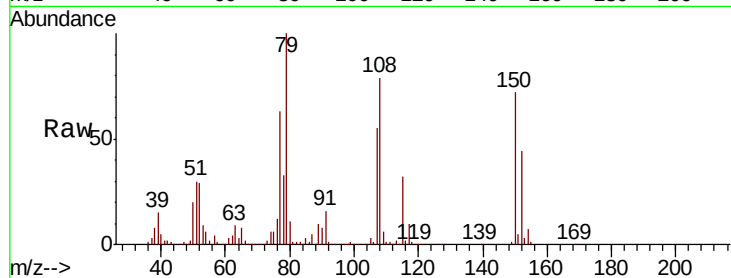
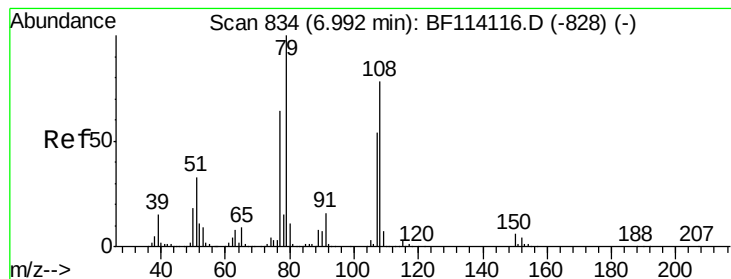
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 26.862 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	45.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 28.851 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tot Ion:	79	Resp:	516010
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.1	93.1
77	62.5	51.0	76.6

Instrument :

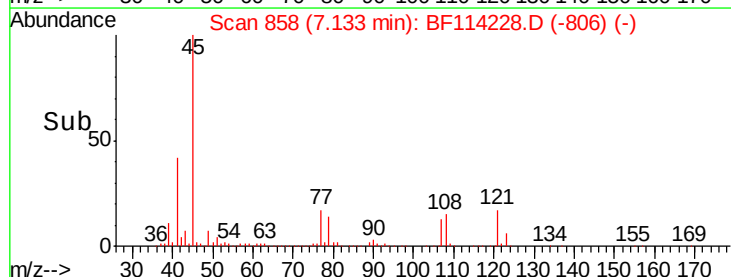
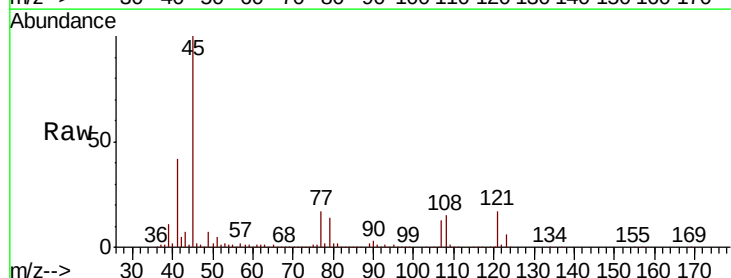
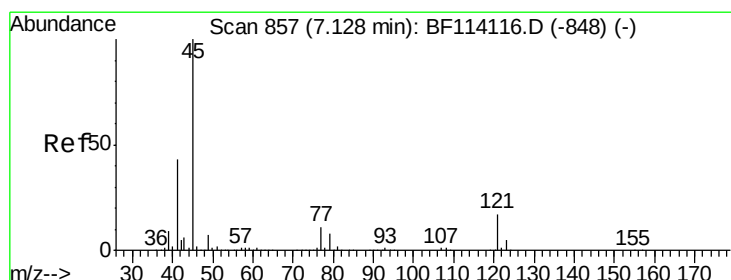
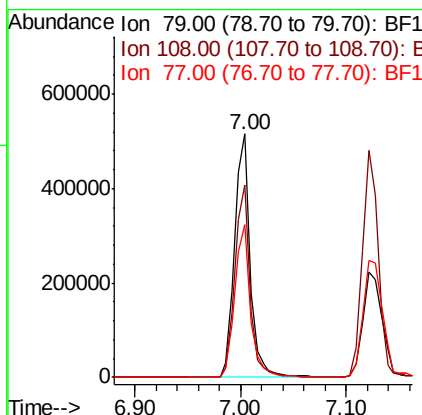
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.368 ng

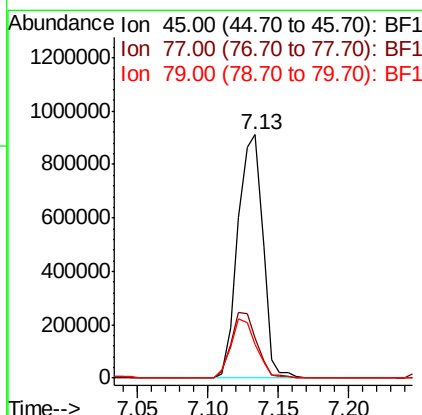
RT: 7.13 min Scan# 858

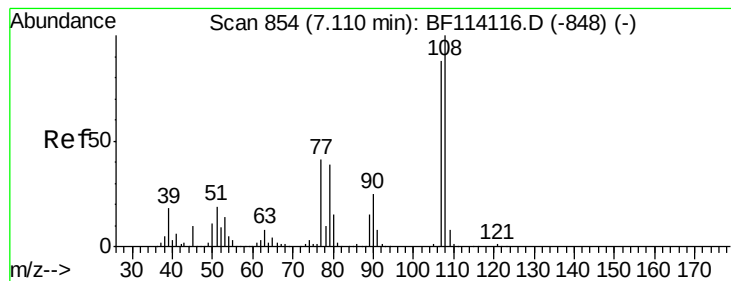
Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion:	45	Resp:	1126468
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	31.1
79	13.9	0.0	28.4





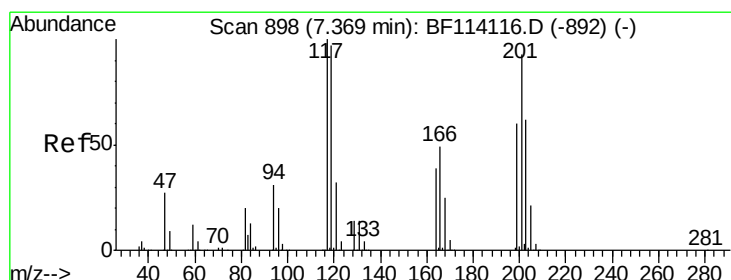
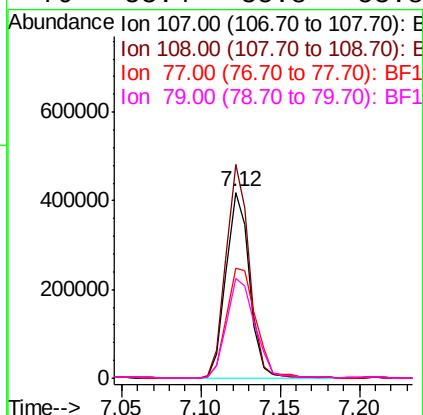
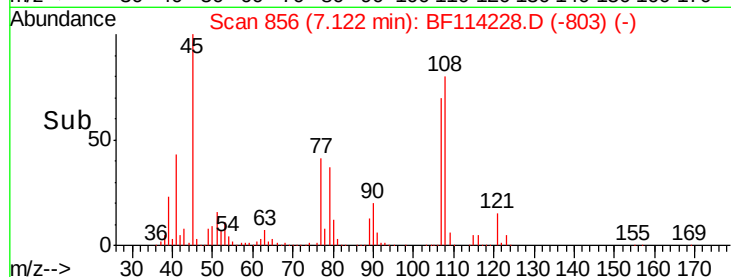
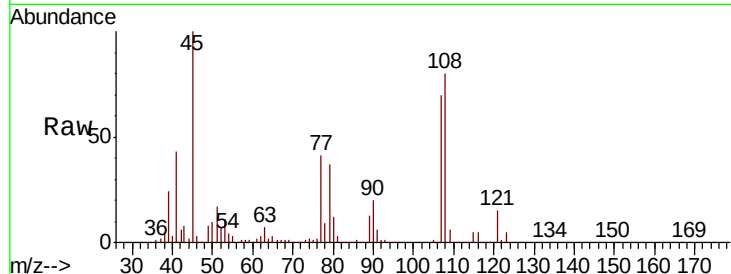
#17
2-Methylphenol
Concen: 25.452 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	90.5	135.7	
77	59.0	37.0	55.4	
79	53.4	35.8	53.8	

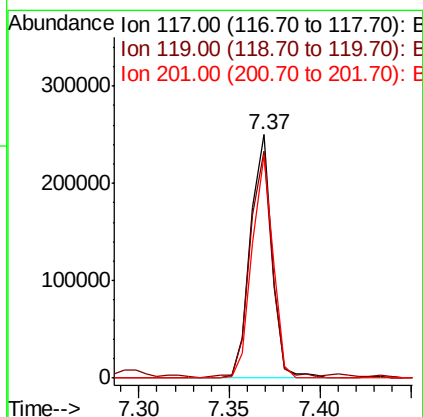
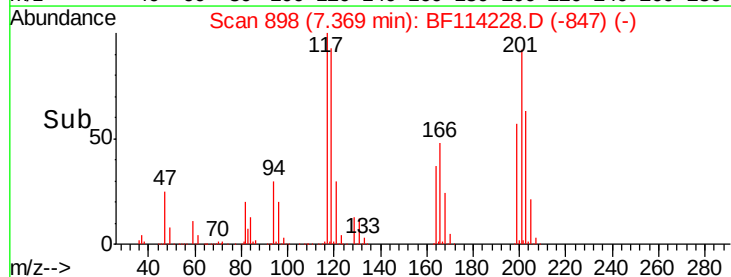
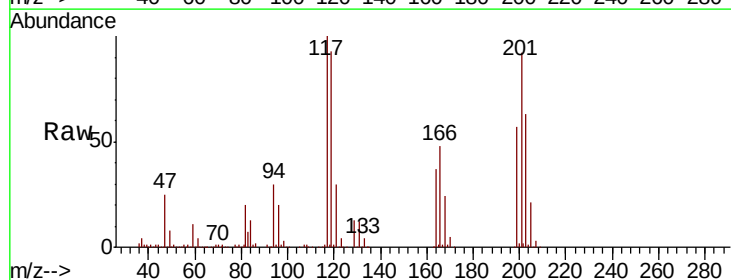
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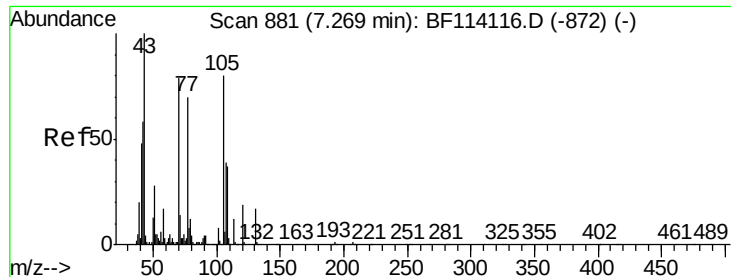
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#18
Hexachloroethane
Concen: 23.638 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	77.4	116.2	
201	91.8	74.5	111.7	





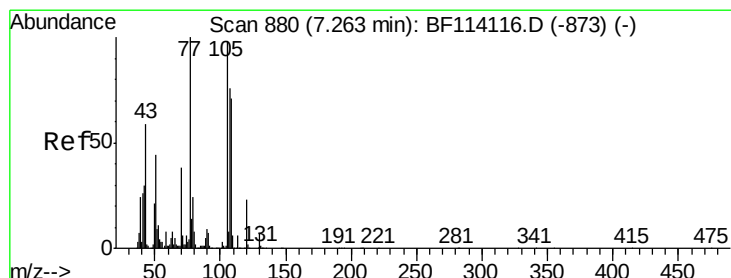
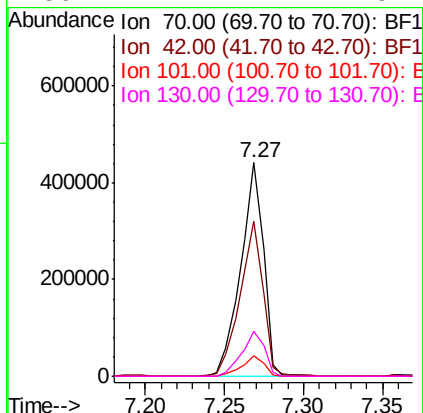
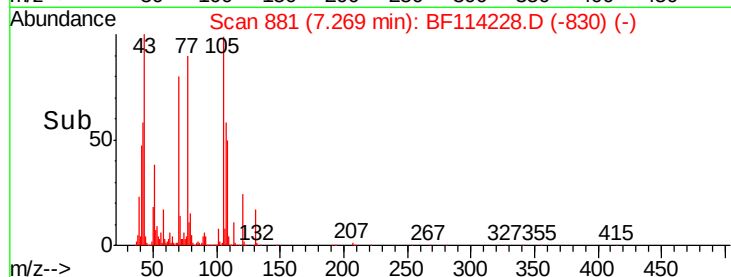
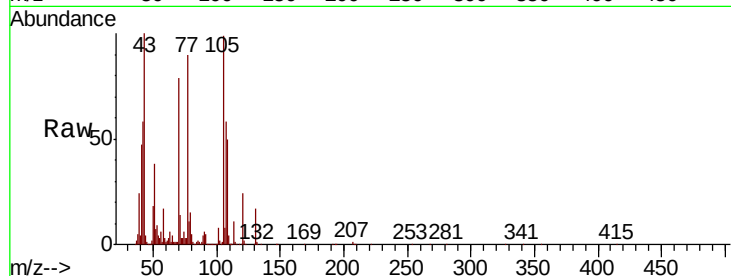
#19
n-Nitroso-di-n-propylamine
Concen: 30.070 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.5	58.6	87.8
101	9.5	7.8	11.8
130	21.1	17.1	25.7

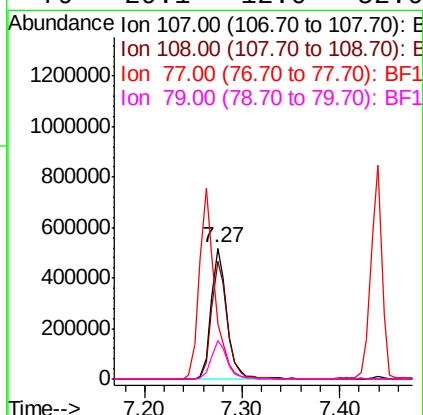
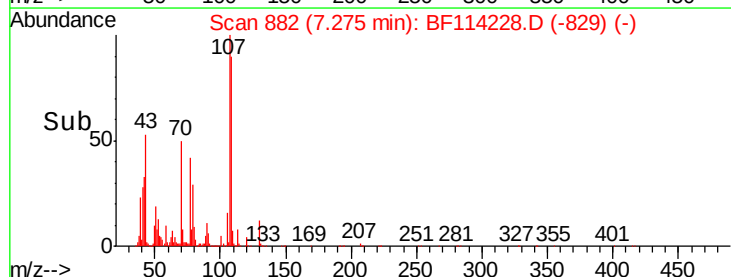
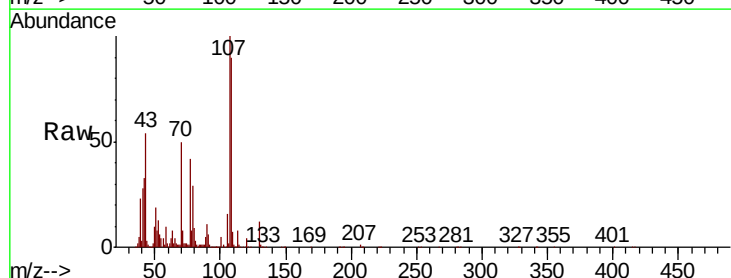
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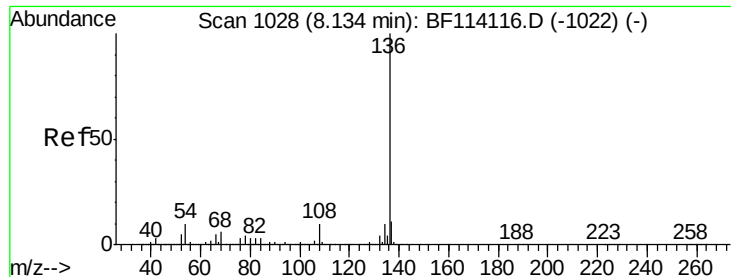
Sohil
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#20
3+4-Methylphenols
Concen: 29.349 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.8	113.8
77	41.8	111.5	151.5
79	29.1	12.0	52.0





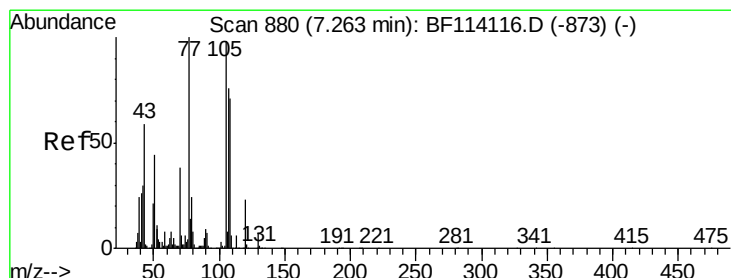
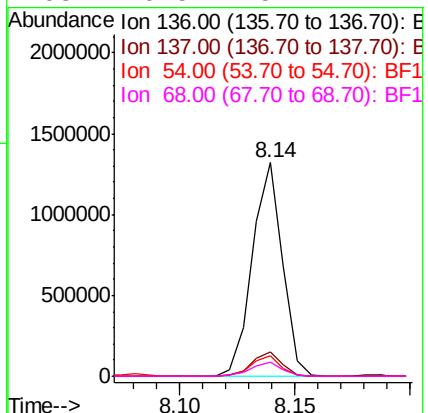
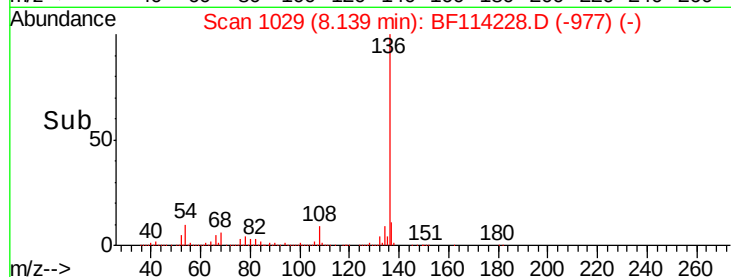
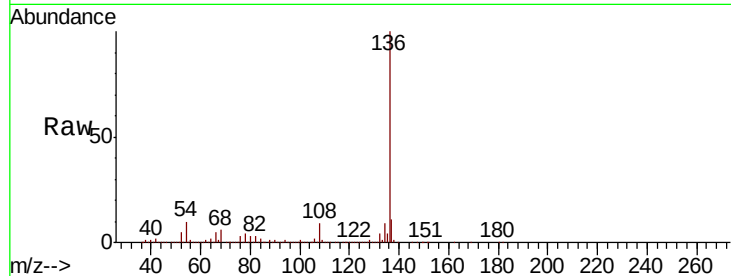
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.8	11.8
68	6.5	5.1	7.7

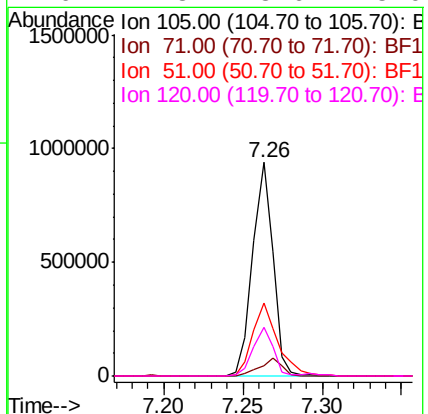
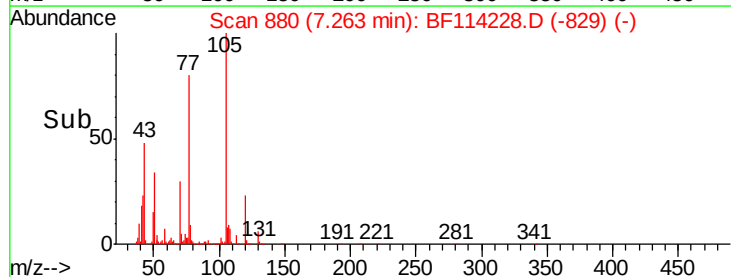
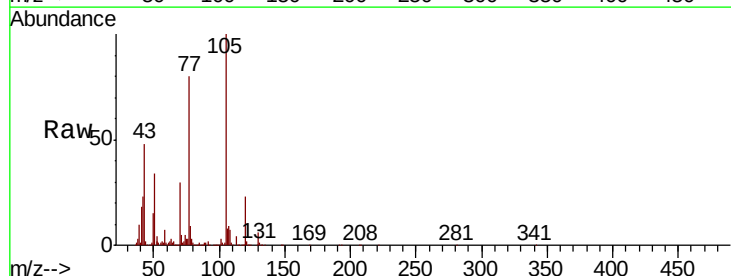
Manual Integrations
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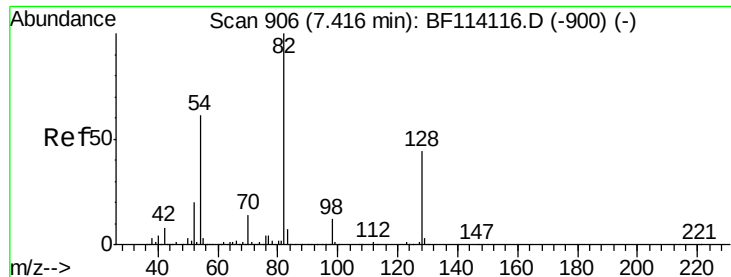
Sohil
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#22
Acetophenone
Concen: 31.583 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	34.1	36.2	54.4#
120	22.8	18.6	28.0





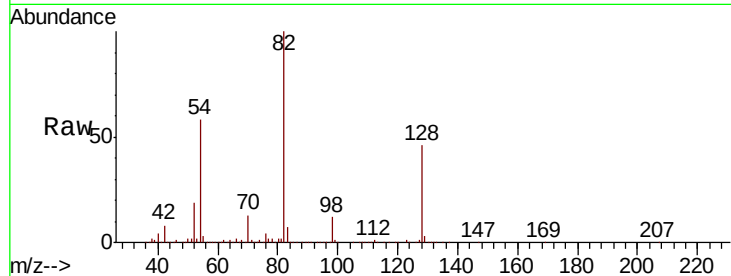
#23
Nitrobenzene-d5
Concen: 59.189 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

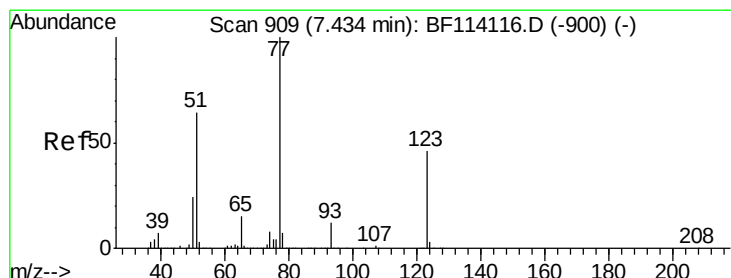
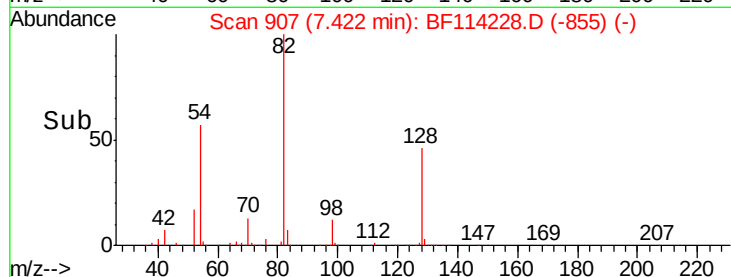
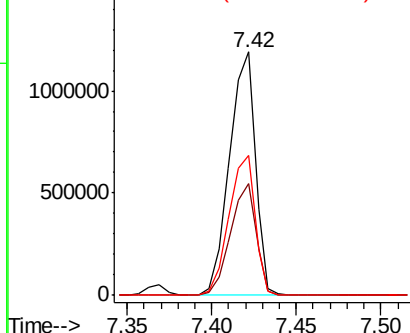
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.5	53.3
54	57.7	48.5	72.7

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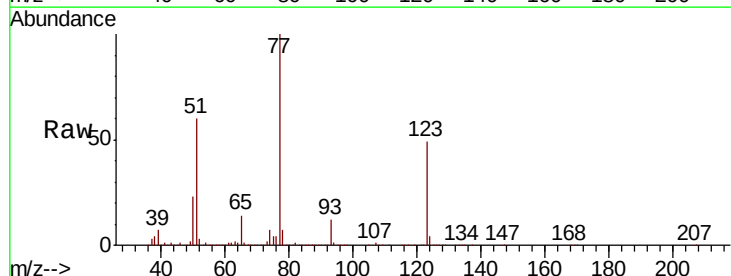


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

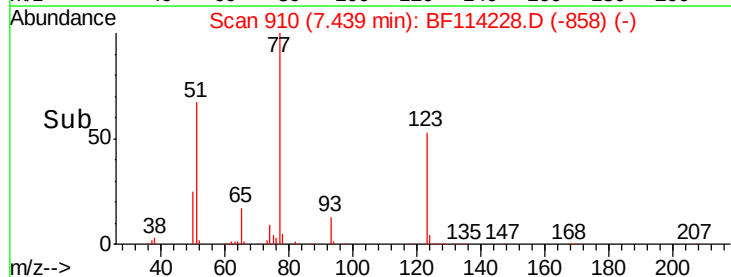
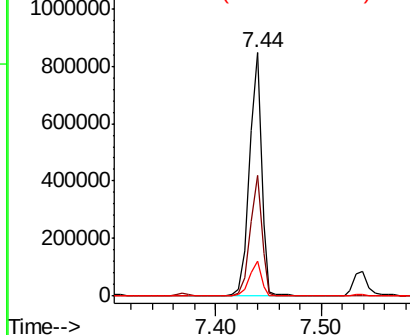


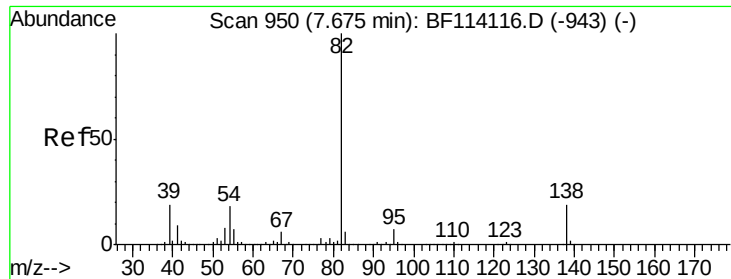
#24
Nitrobenzene
Concen: 30.720 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	36.9	55.3
65	14.2	11.8	17.6



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





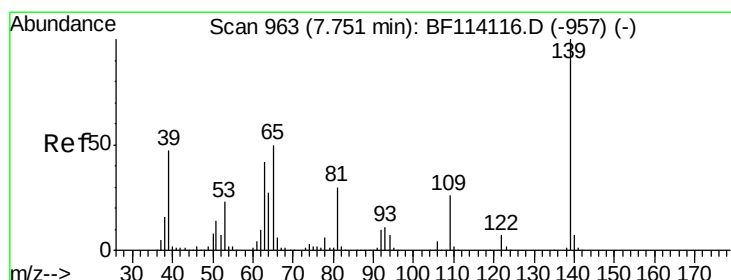
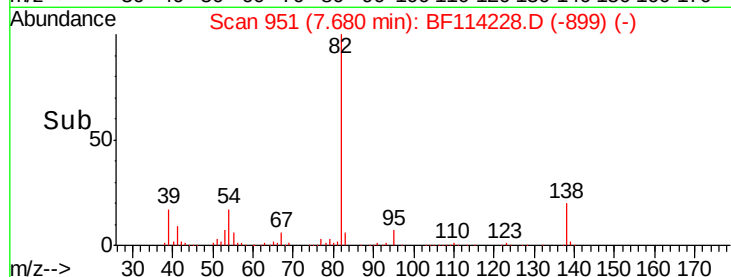
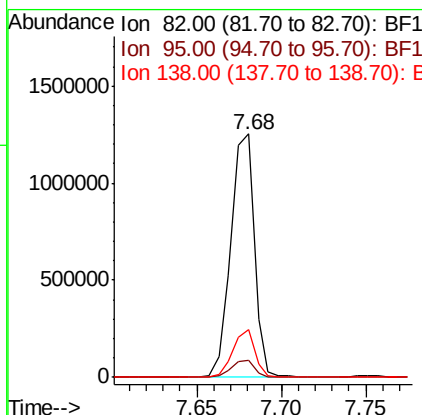
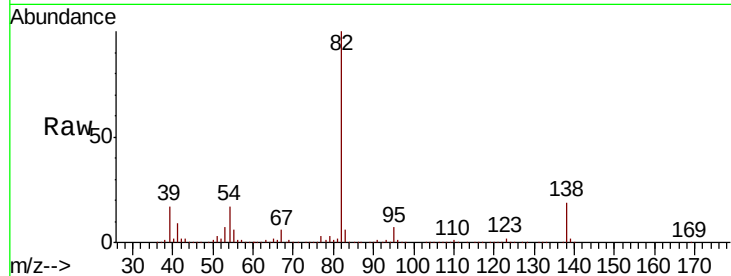
#25
Isophorone
Concen: 30.574 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.5	14.8	22.2

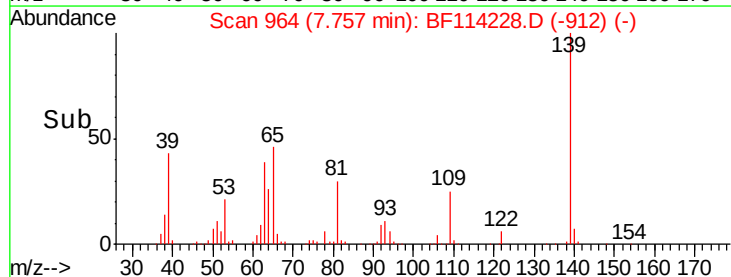
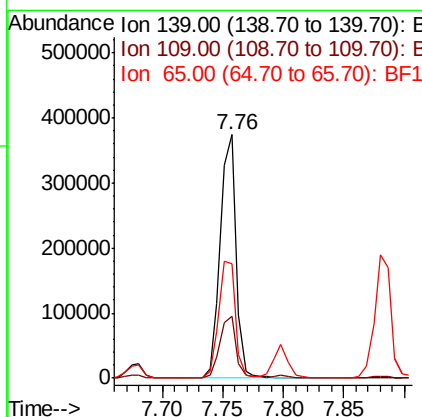
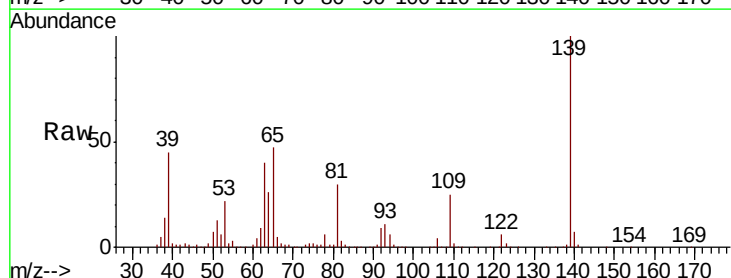
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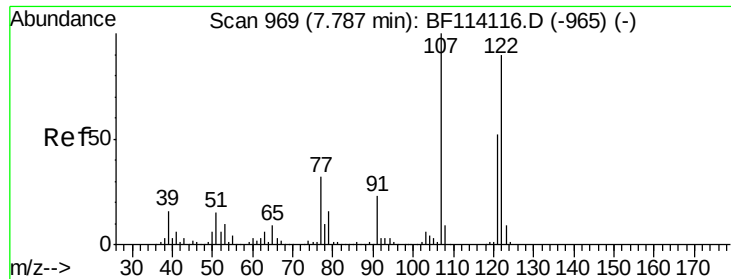
Sohil
5/14/2019 8:03:11 PM



#26
2-Nitrophenol
Concen: 31.858 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.4	20.7	31.1
65	47.0	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 24.545 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

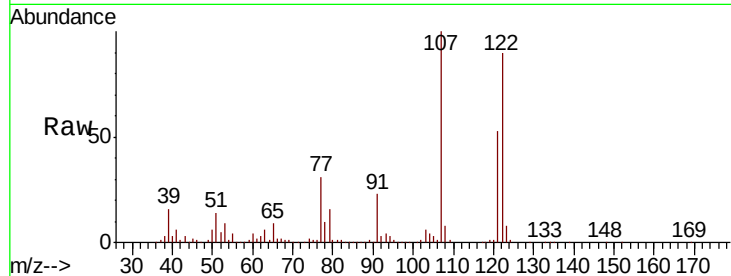
ClientSampleId :

P026-SS012-0002-01MSD

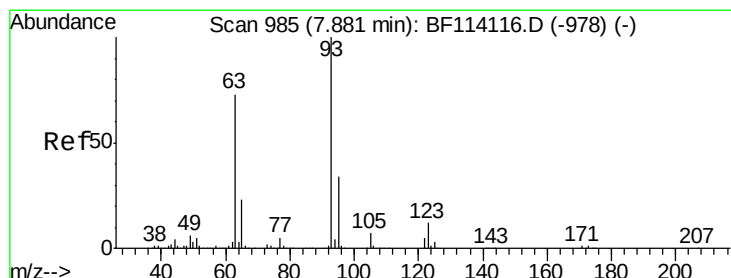
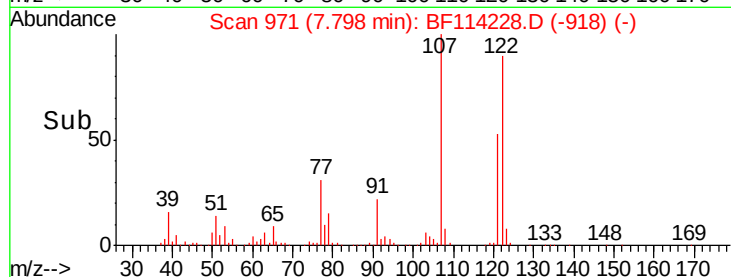
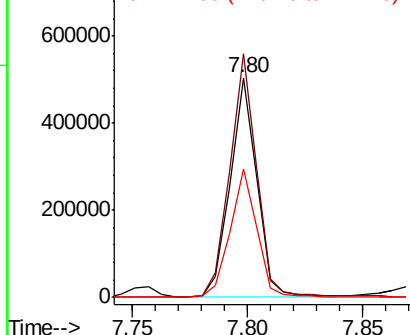
Tot Ion:	122	Resp:	408398
Ion Ratio	Lower	Upper	
122	100		
107	110.8	88.4	132.6
121	58.7	45.9	68.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.992 ng

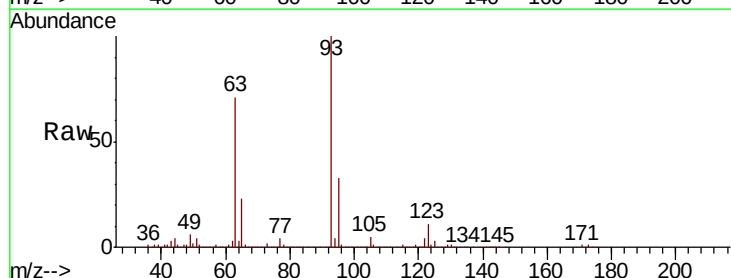
RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

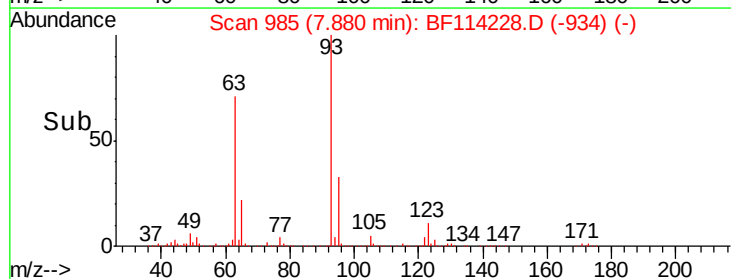
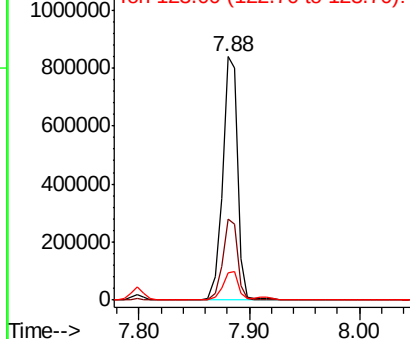
Lab File: BF114228.D

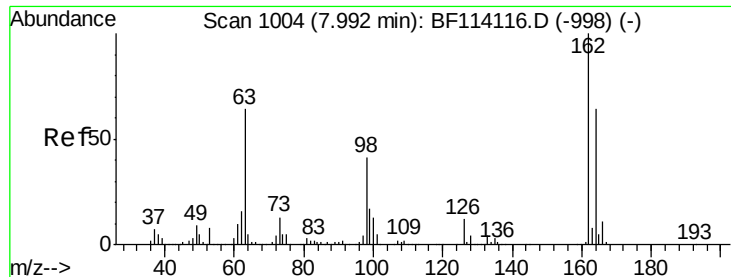
Acq: 13 May 2019 14:57

Tgt Ion:	93	Resp:	799531
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	11.2	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





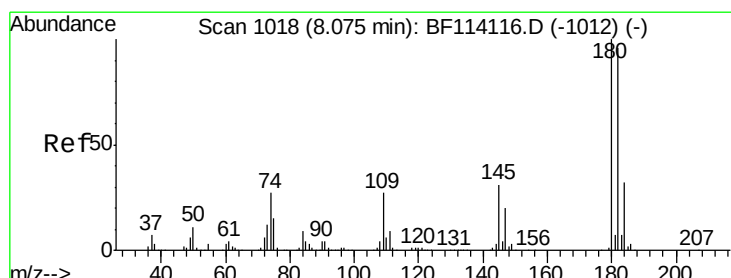
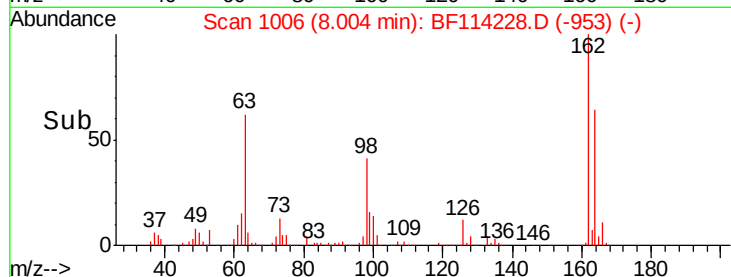
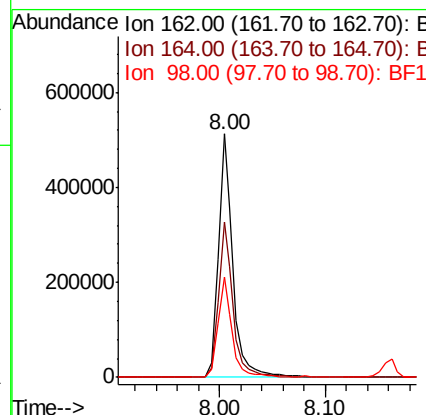
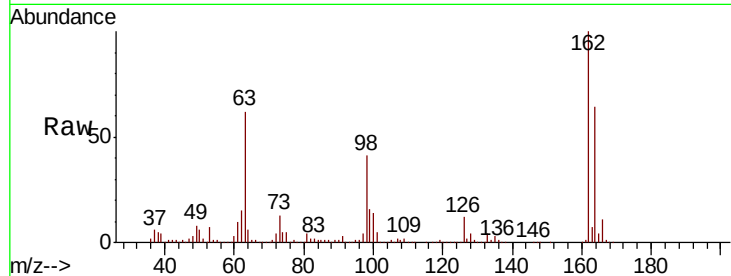
#29
2,4-Dichlorophenol
Concen: 30.043 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	497750		
164	63.7	43.6	83.6	
98	41.1	20.6	60.6	

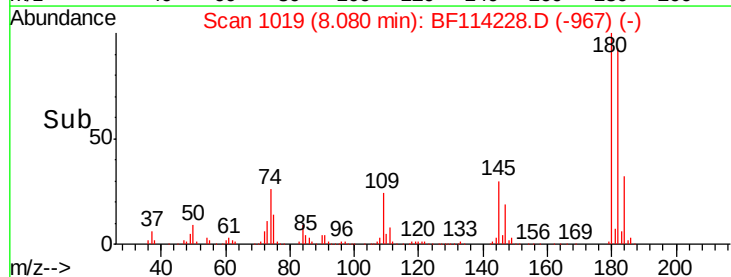
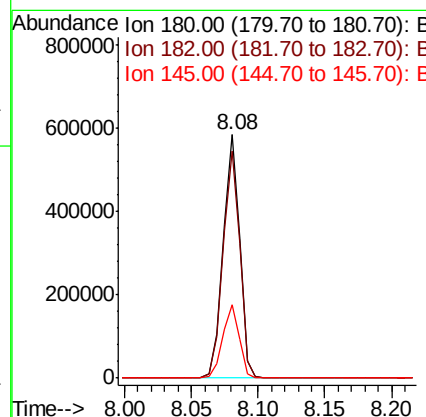
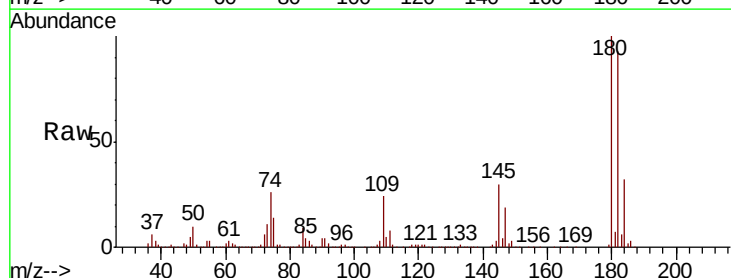
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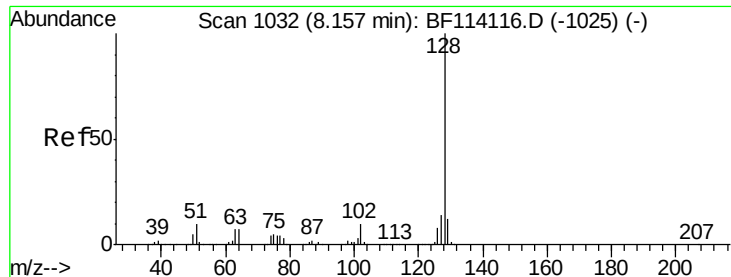
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#30
1,2,4-Trichlorobenzene
Concen: 27.370 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	515653		
182	93.3	76.6	114.8	
145	30.0	25.1	37.7	





#31

Naphthalene

Concen: 41.454 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

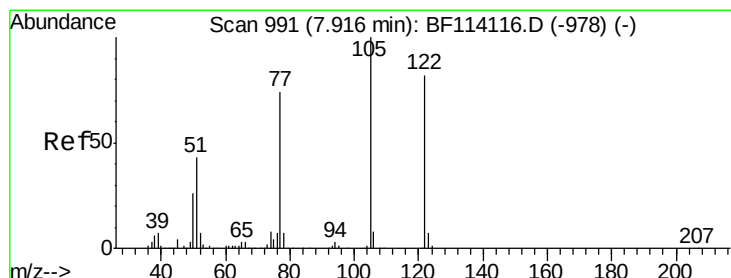
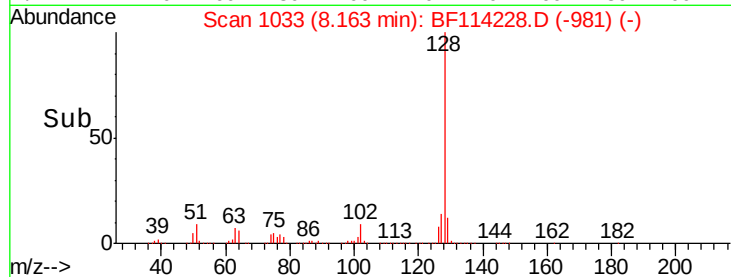
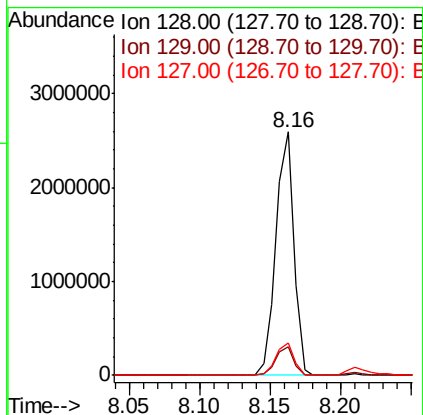
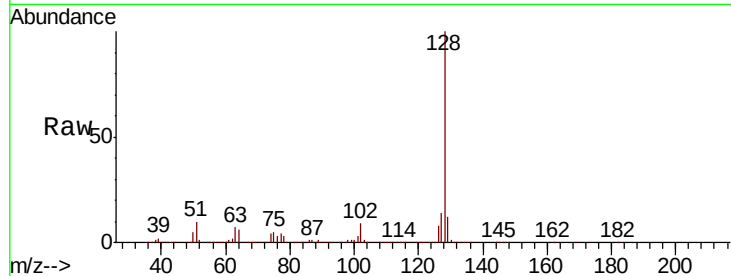
ClientSampleId :

P026-SS012-0002-01MSD

Tot	Ion:128	Resp:	2329795
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.6	11.3	16.9

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#32

Benzoic acid

Concen: 26.584 ng

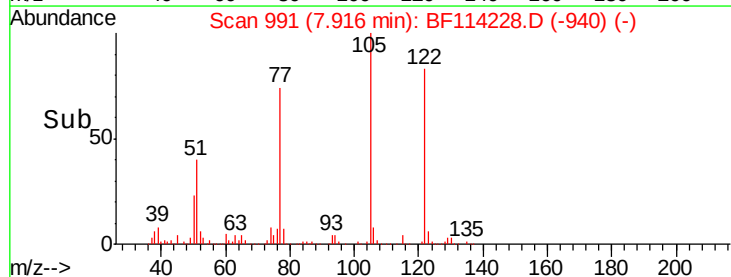
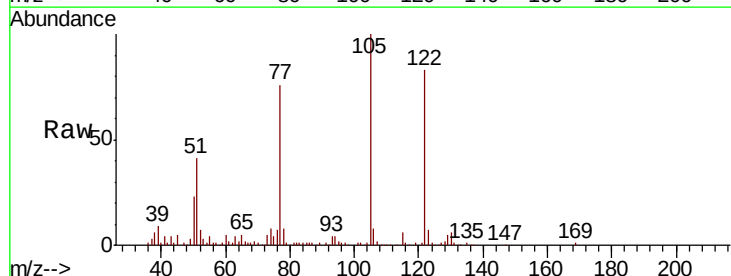
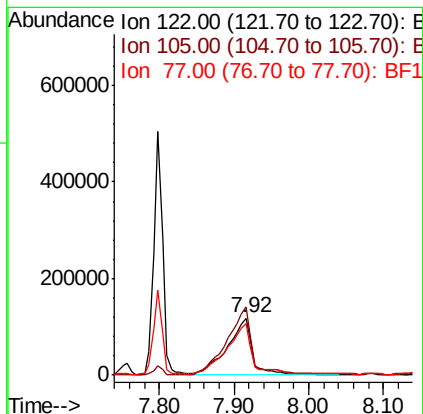
RT: 7.92 min Scan# 991

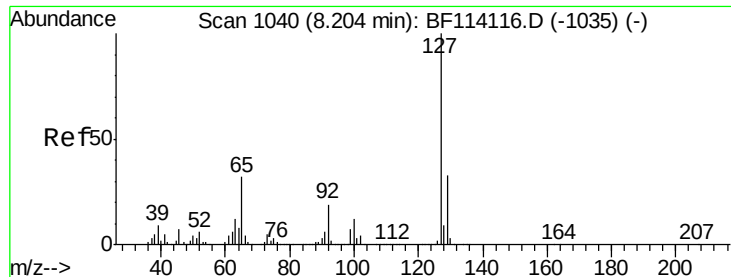
Delta R.T. 0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt	Ion:122	Resp:	271864
Ion	Ratio	Lower	Upper
122	100		
105	121.1	99.9	139.9
77	91.4	69.4	109.4





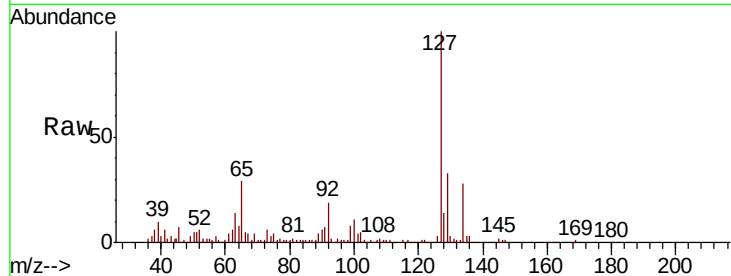
#33
4-Chloroaniline
Concen: 4.044 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.7	40.1		
65	29.1	25.4	38.0		
92	18.9	15.4	23.2		

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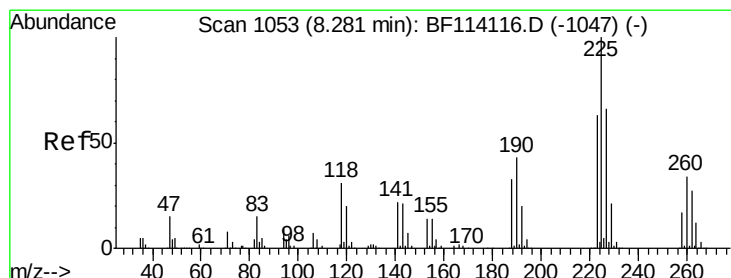
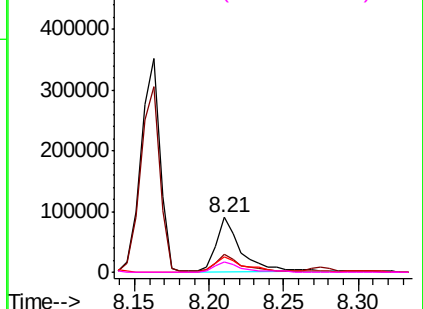
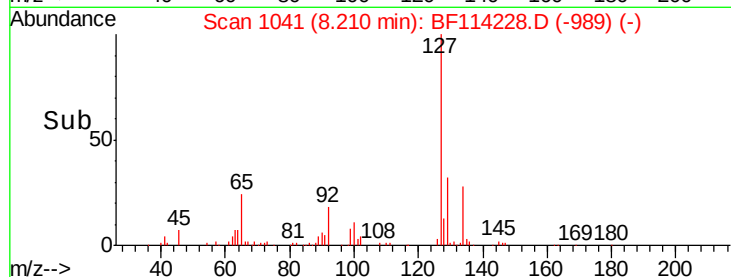
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

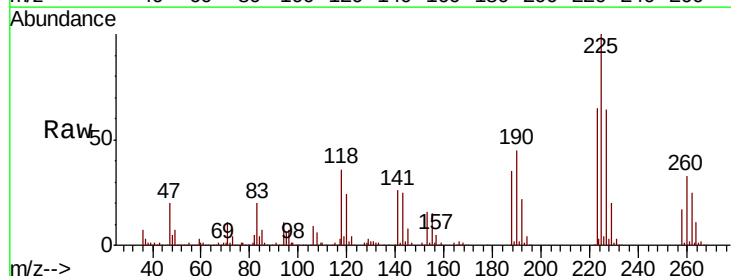
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 25.267 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	50.2	75.2		
227	63.5	52.6	79.0		

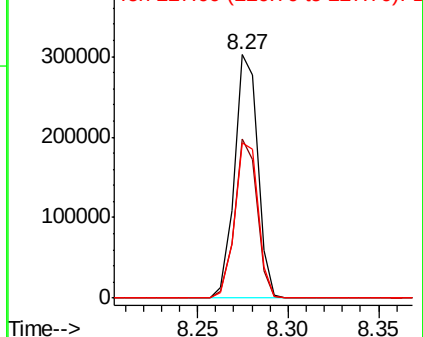
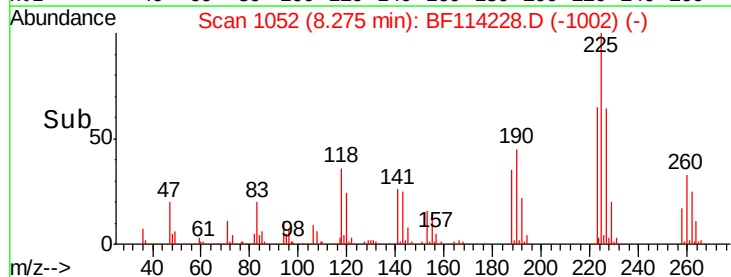


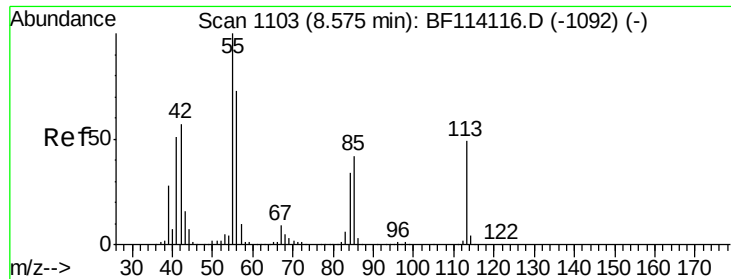
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





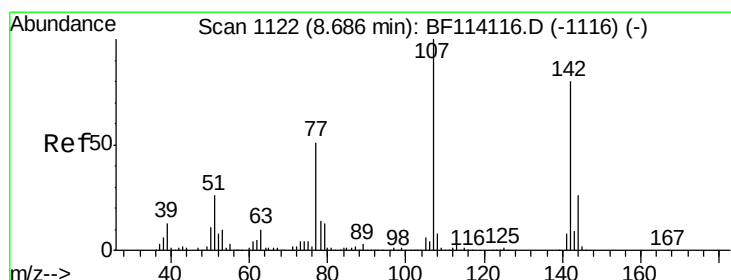
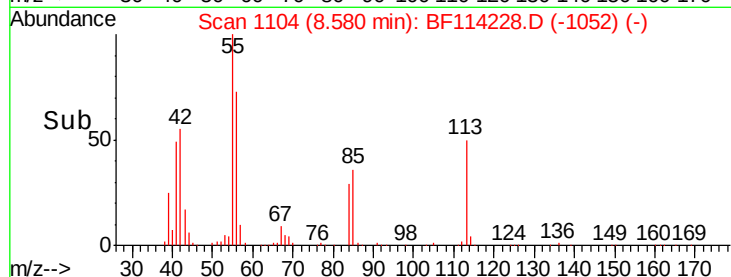
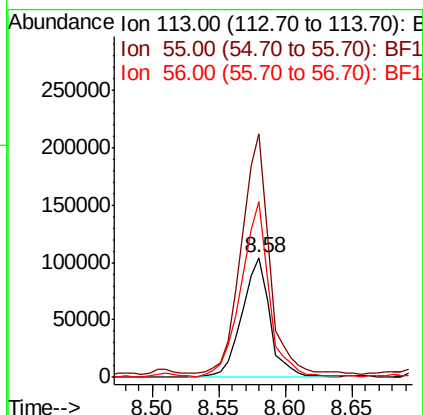
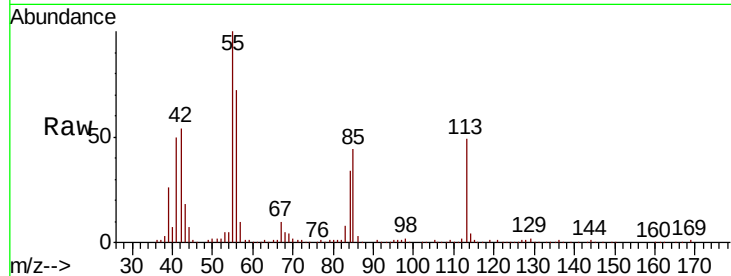
#35
Caprolactam
Concen: 27.927 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:113 Resp: 150875
Ion Ratio Lower Upper
113 100
55 203.3 183.5 223.5
56 146.4 128.8 168.8

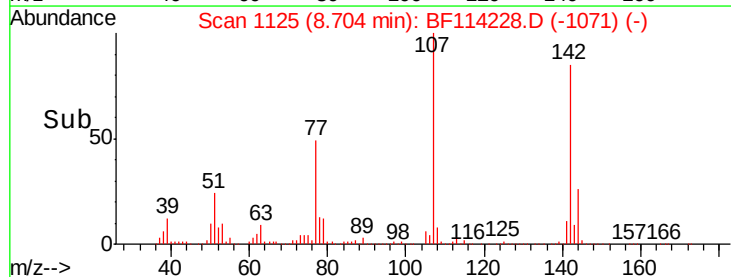
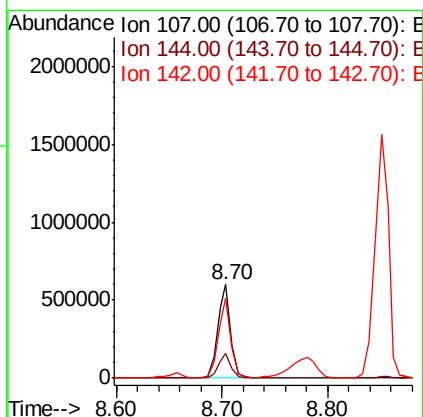
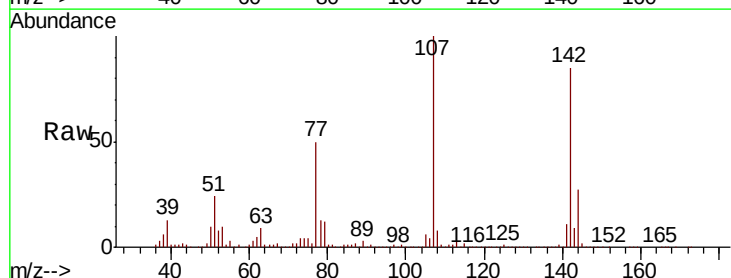
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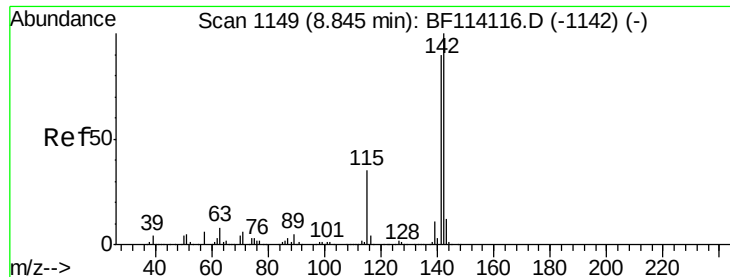
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#36
4-Chloro-3-methylphenol
Concen: 30.704 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:107 Resp: 512059
Ion Ratio Lower Upper
107 100
144 26.5 20.4 30.6
142 84.7 64.2 96.4





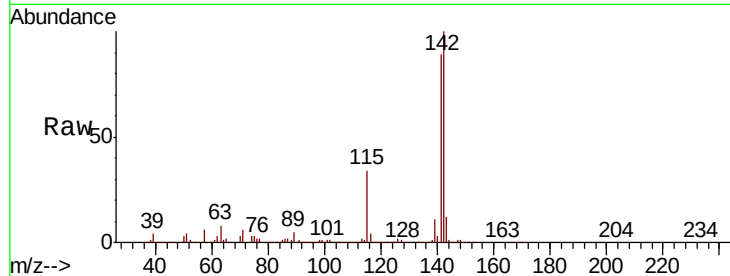
#37
2-Methylnaphthalene
Concen: 38.564 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	33.9	28.0	42.0

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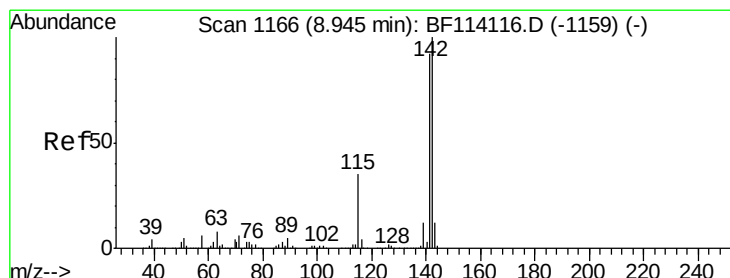
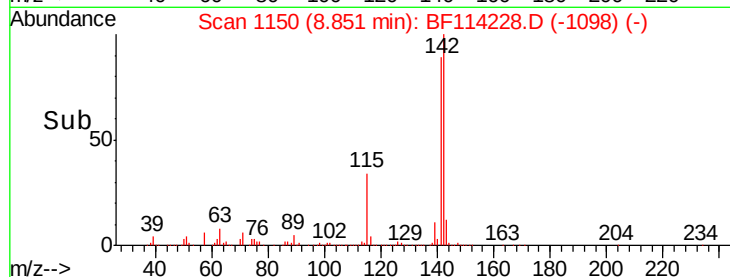
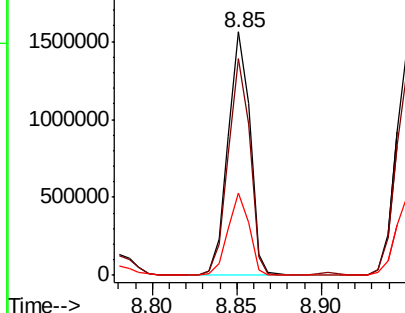


Abundance

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



#38
1-Methylnaphthalene
Concen: 36.315 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

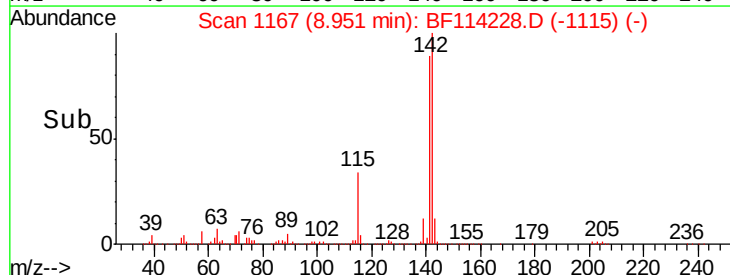
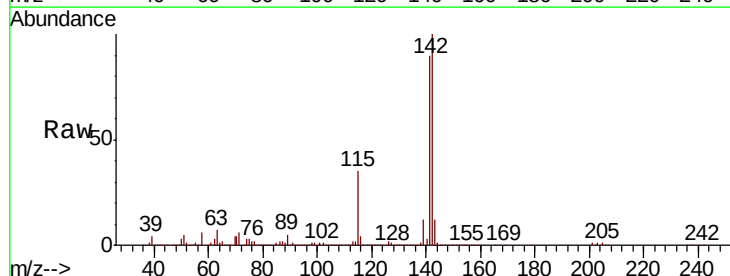
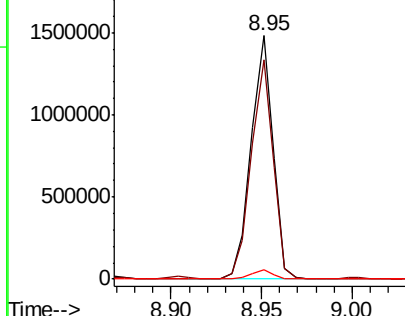
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.4	110.0
116	3.7	3.1	4.7

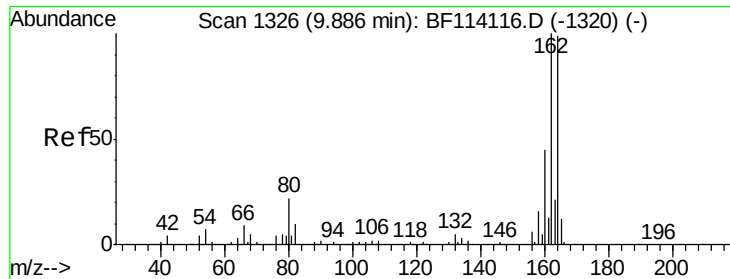
Abundance

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





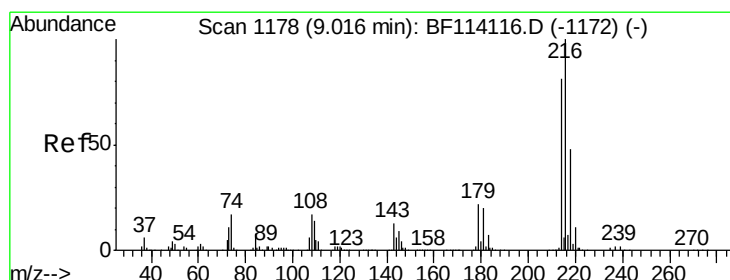
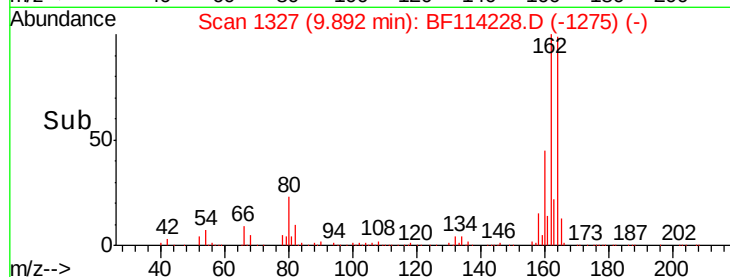
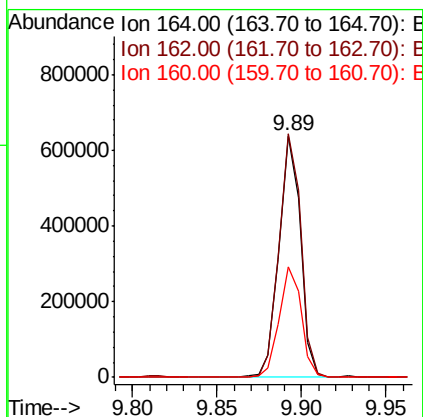
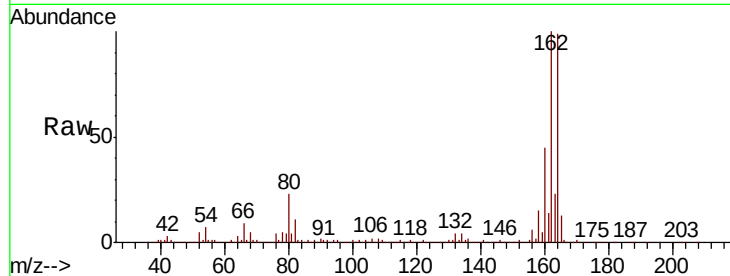
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.6	36.5	54.7

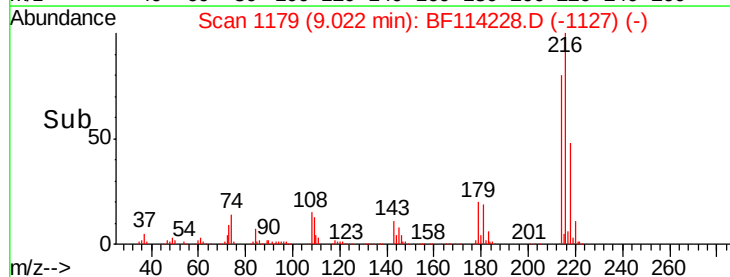
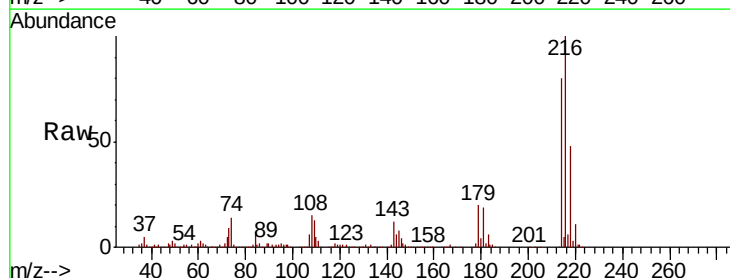
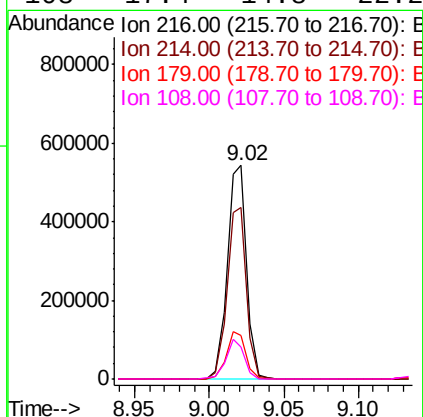
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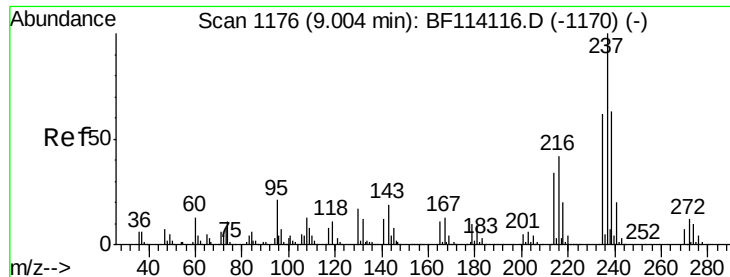
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.015 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.9	95.9
179	21.6	17.0	25.6
108	17.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 12.740 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

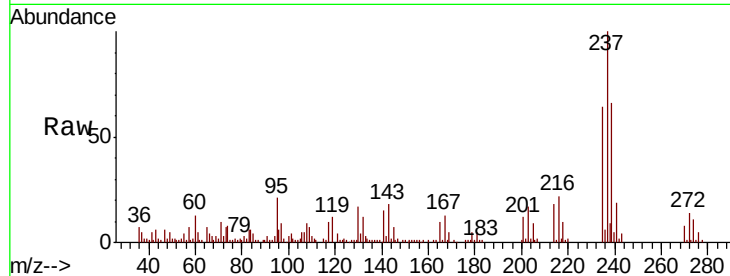
ClientSampleId :

P026-SS012-0002-01MSD

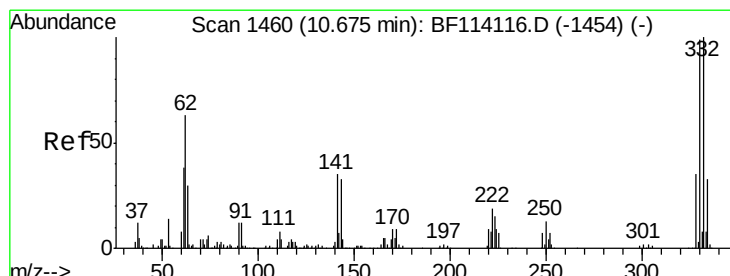
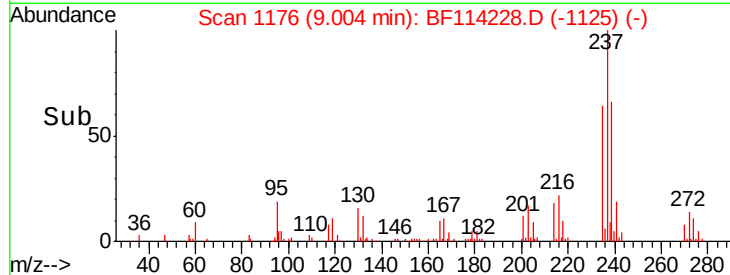
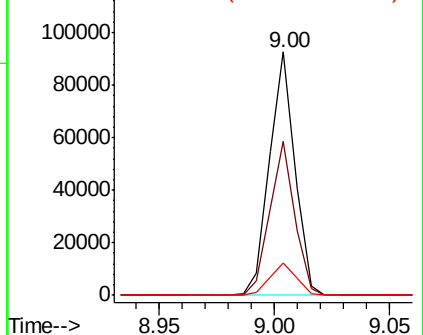
Tot Ion:	237	Resp:	71244
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.0	82.0
272	13.6	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 73.779 ng

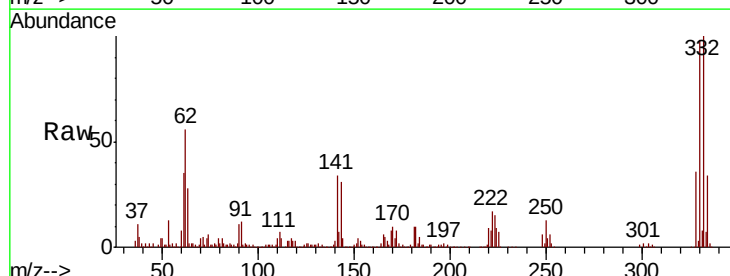
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

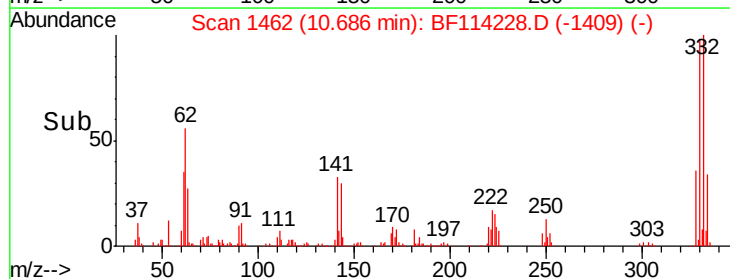
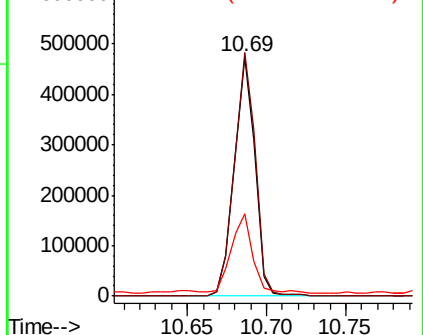
Lab File: BF114228.D

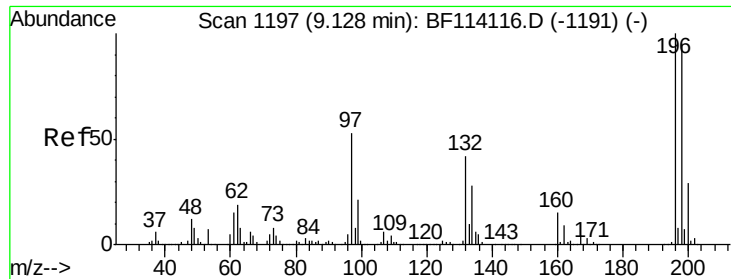
Acq: 13 May 2019 14:57

Tgt Ion:	330	Resp:	432808
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	34.9	26.6	40.0



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





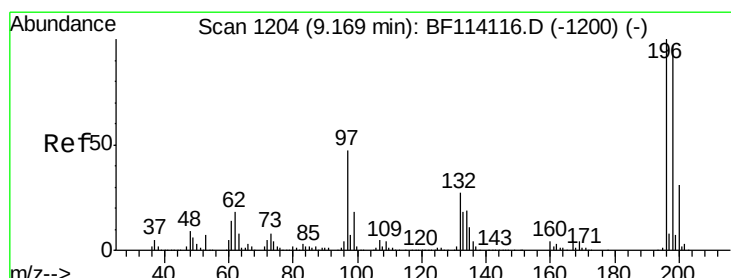
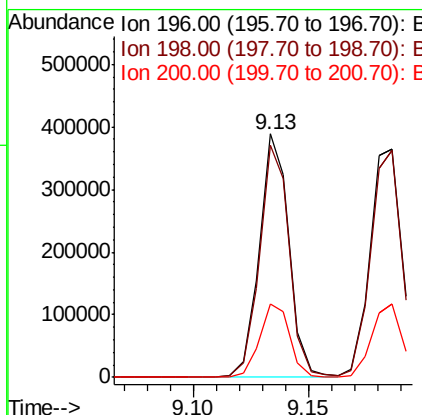
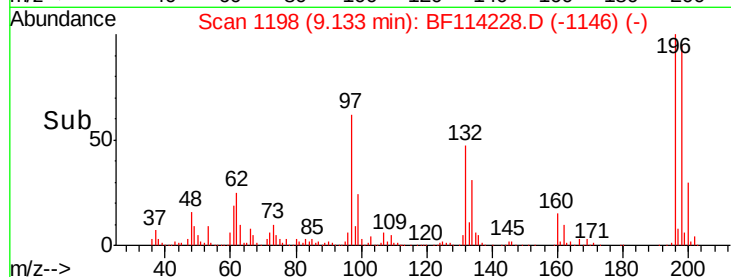
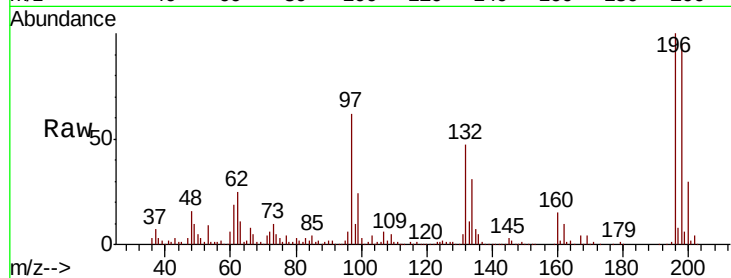
#43
 2,4,6-Trichlorophenol
 Concen: 29.321 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion:	196	Resp:	346661
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.9	113.9
200	30.1	23.5	35.3

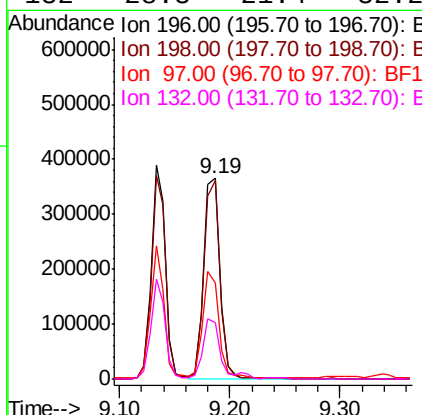
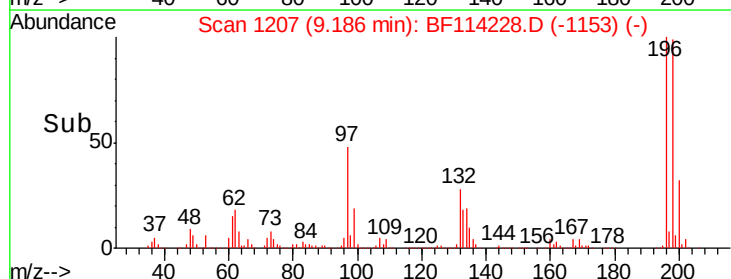
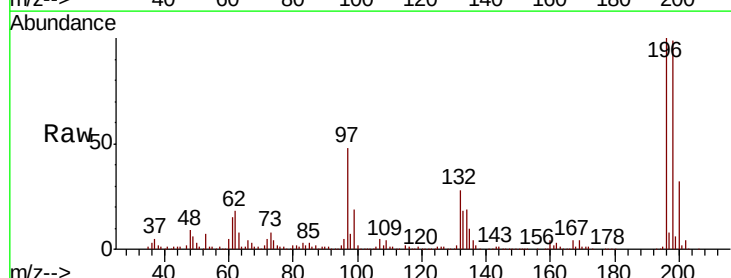
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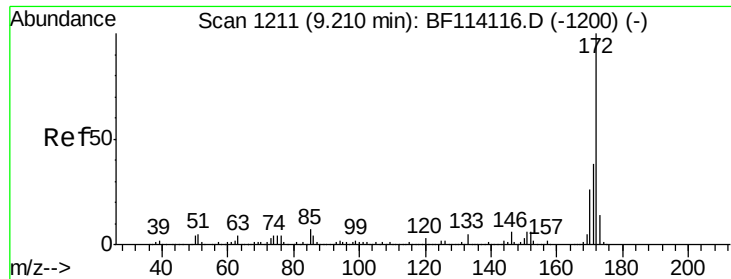
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 29.813 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion:	196	Resp:	361475
Ion Ratio	Lower	Upper	
196	100		
198	99.1	77.7	116.5
97	48.1	38.2	57.2
132	28.3	21.4	32.2





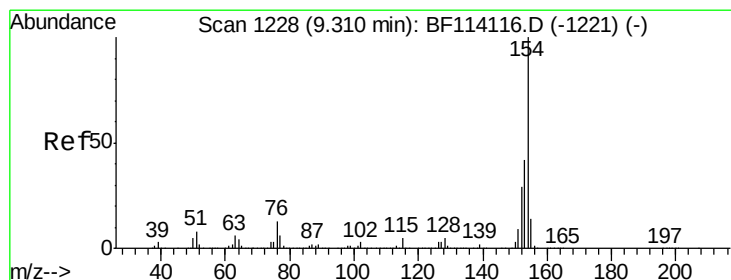
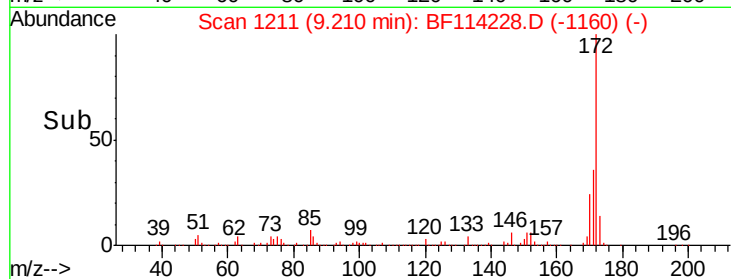
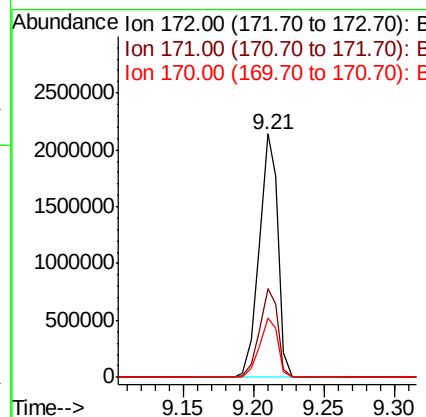
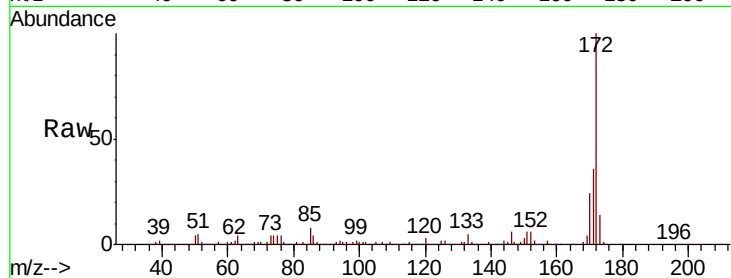
#45
2-Fluorobiphenyl
Concen: 53.135 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.4	20.5	30.7

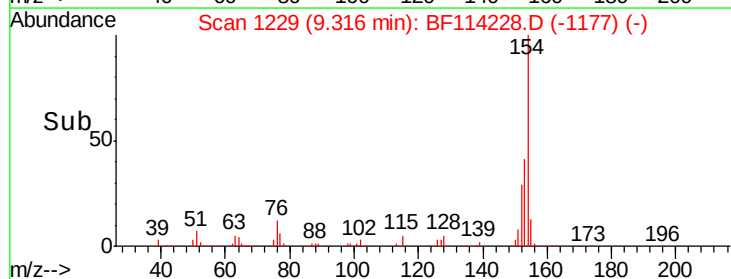
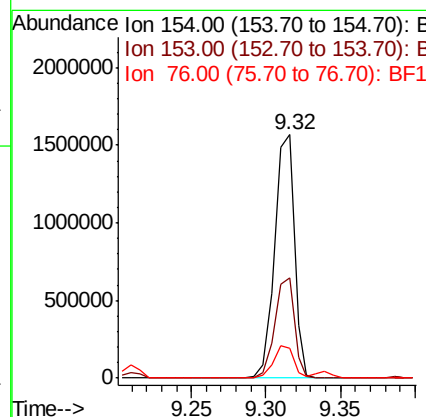
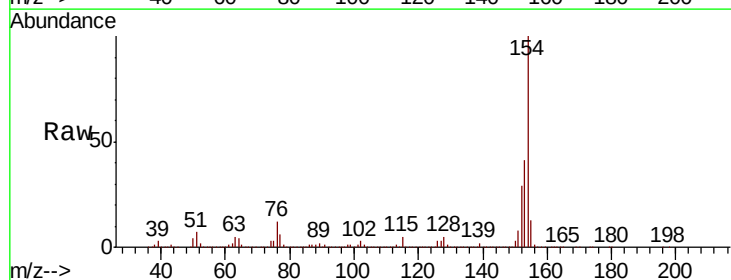
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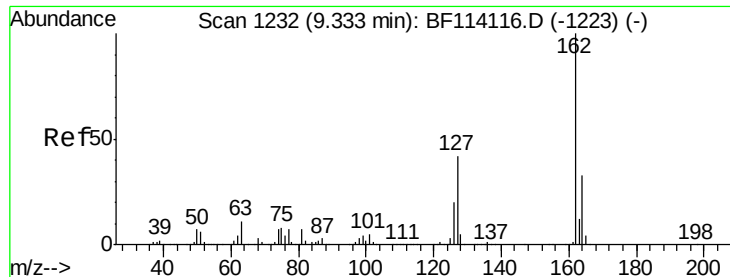
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#46
1,1'-Biphenyl
Concen: 31.385 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.9	61.9
76	12.5	0.0	32.8





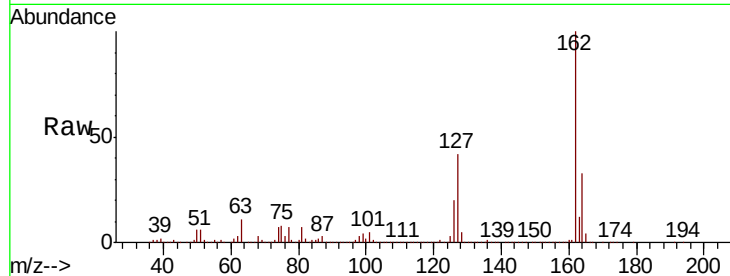
#47
 2-Chloronaphthalene
 Concen: 27.302 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

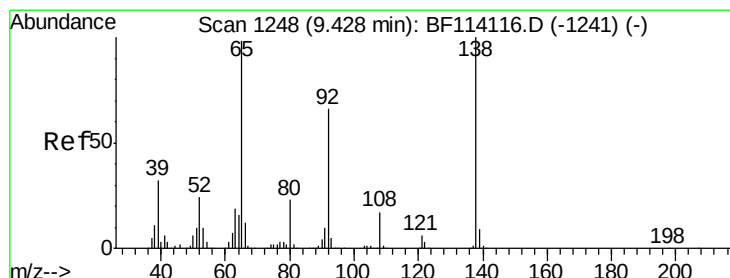
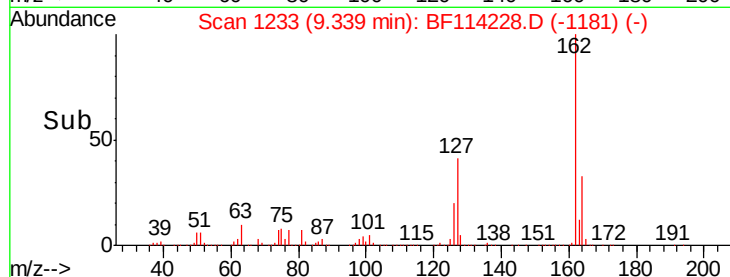
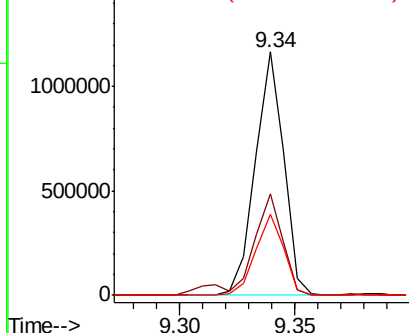
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.0	51.0
164	33.2	26.7	40.1

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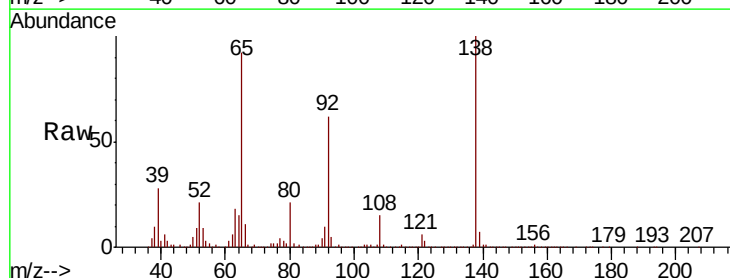


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

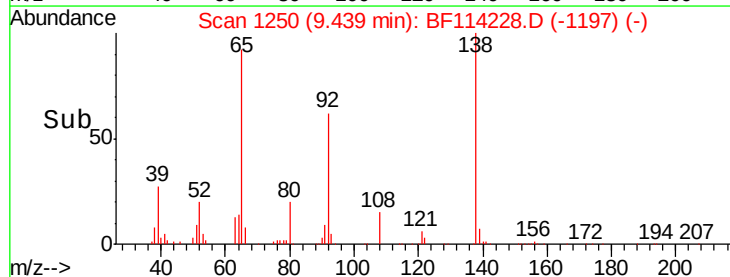
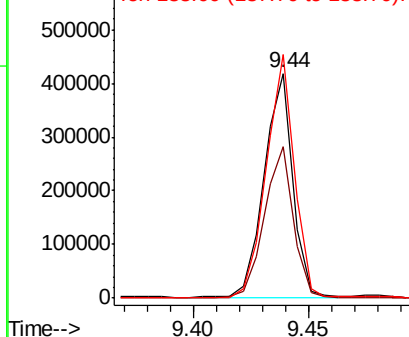


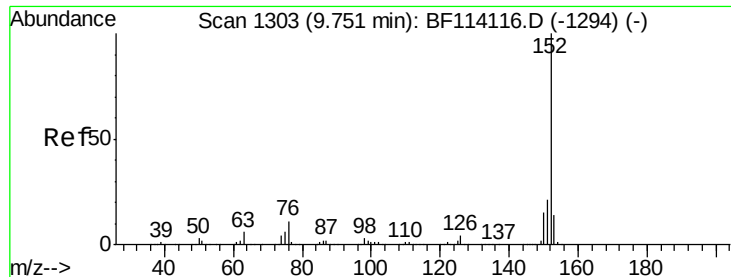
#48
 2-Nitroaniline
 Concen: 27.626 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.9	80.9
138	108.2	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.182 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

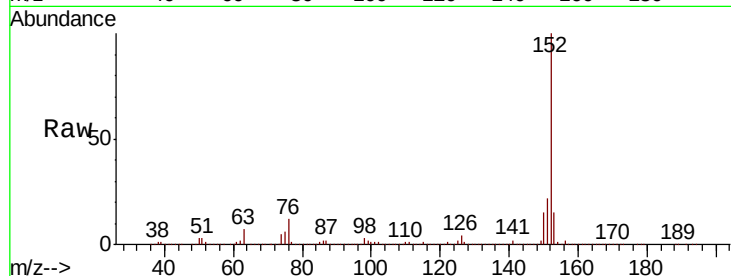
ClientSampleId :

P026-SS012-0002-01MSD

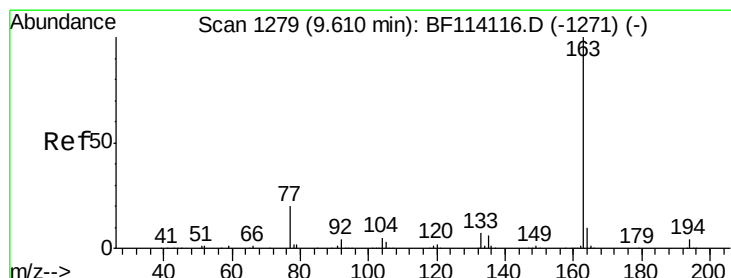
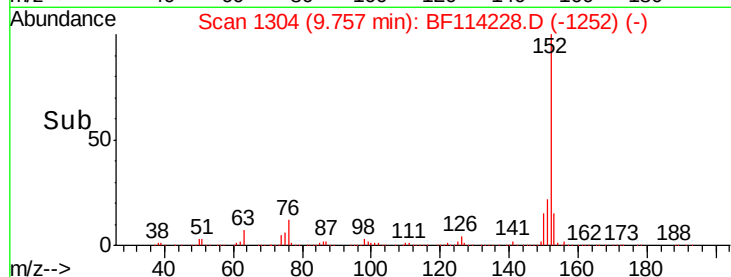
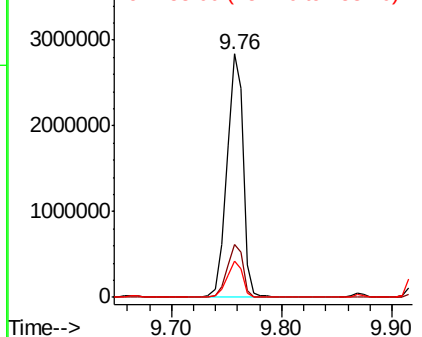
Tot Ion:	152	Resp:	2927955
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.7	11.4	17.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.275 ng

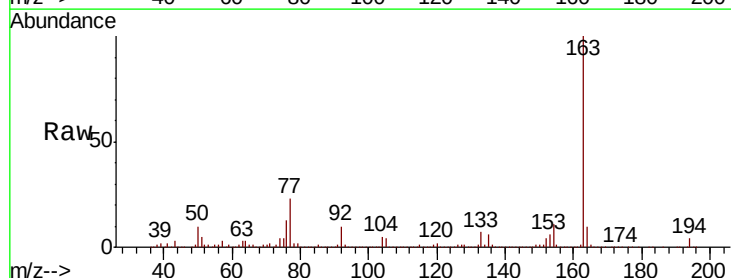
RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

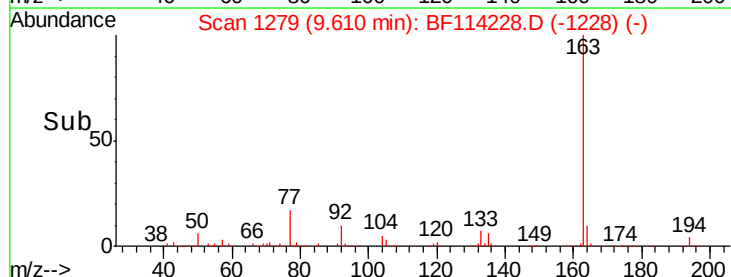
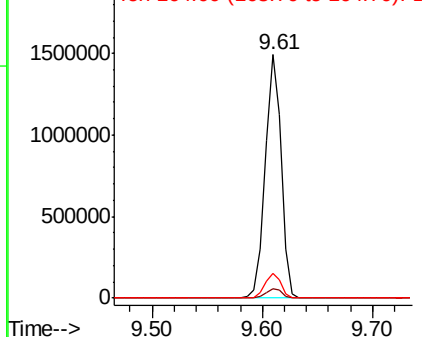
Lab File: BF114228.D

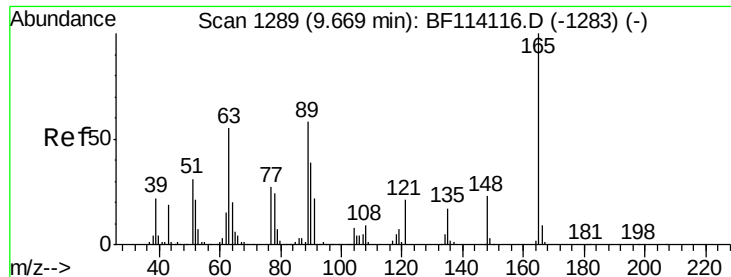
Acq: 13 May 2019 14:57

Tgt Ion:	163	Resp:	1511020
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	8.2	12.2



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





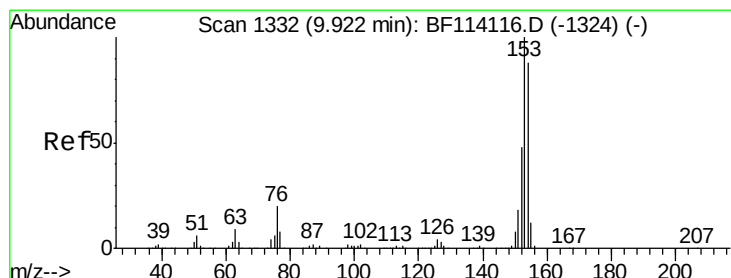
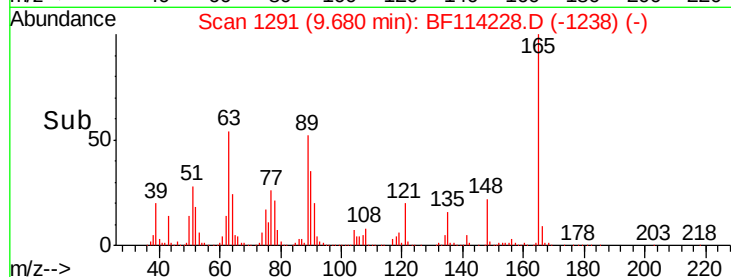
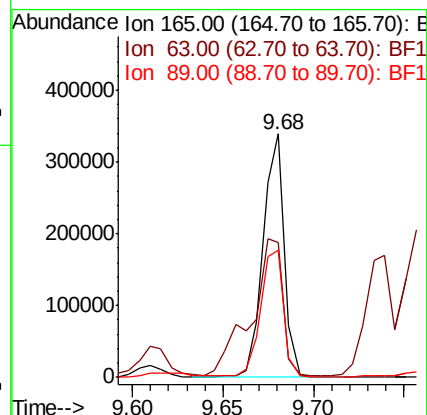
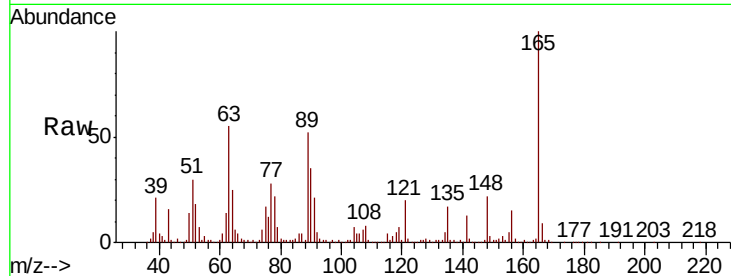
#51
 2,6-Dinitrotoluene
 Concen: 29.614 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	273606		
63	55.2		50.2	75.4
89	52.3		46.6	69.8

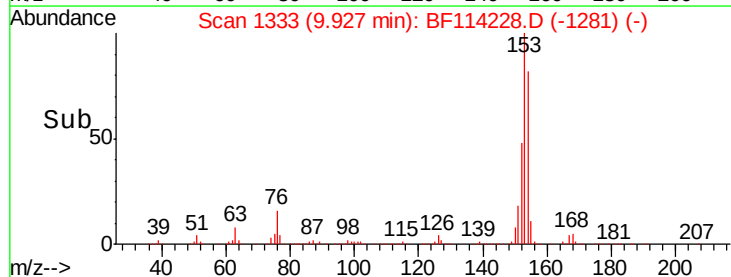
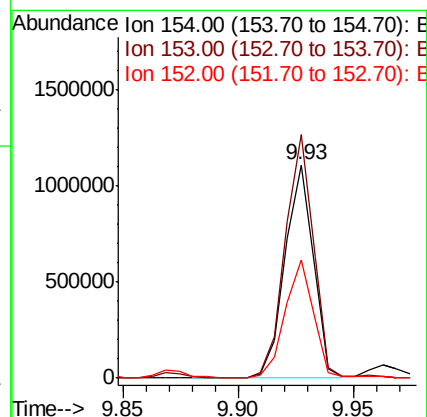
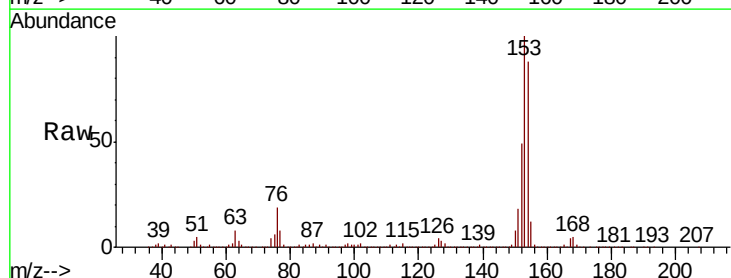
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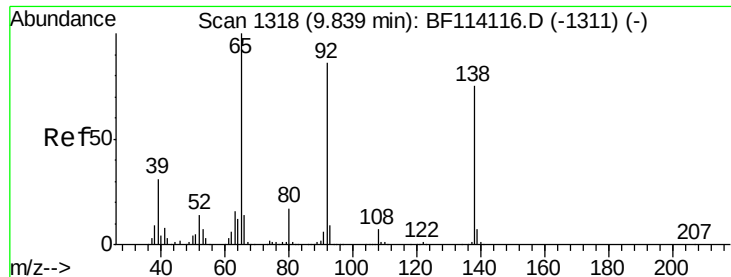
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#52
 Acenaphthene
 Concen: 27.231 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	937629		
153	114.2		90.5	135.7
152	55.5		43.4	65.2





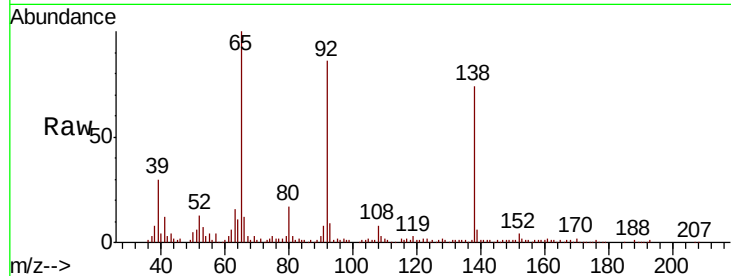
#53
 3-Nitroaniline
 Concen: 9.016 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.6
92	115.3	91.2	136.8

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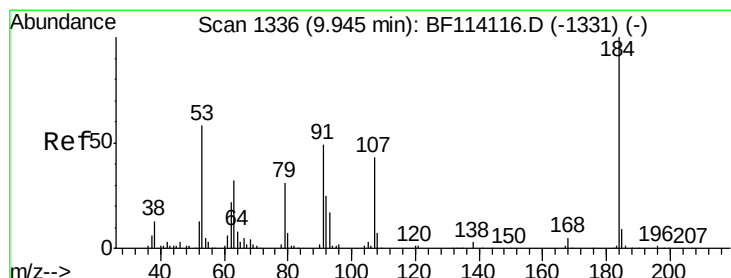
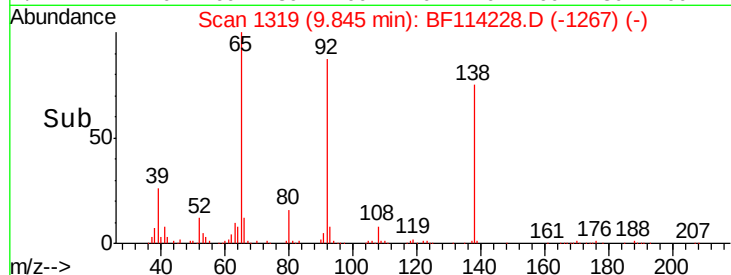
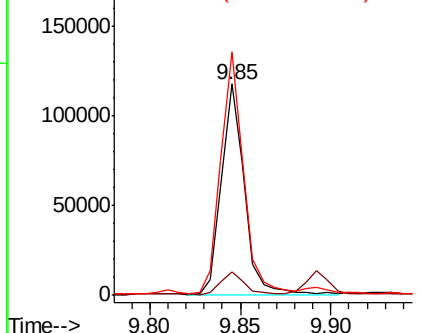


Abundance

Ion 138.00 (137.70 to 138.70): E

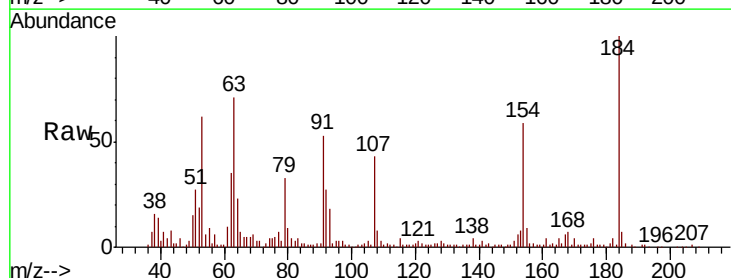
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 32.082 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.8	55.6	83.4
154	58.8	46.0	69.0

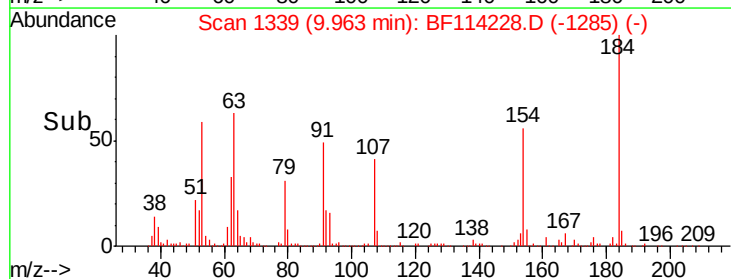
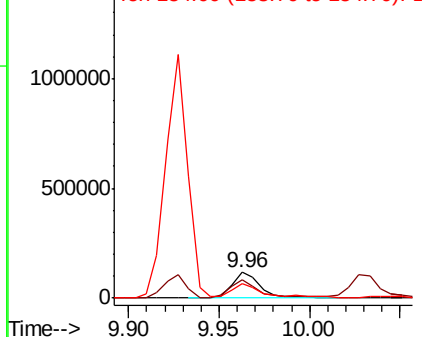


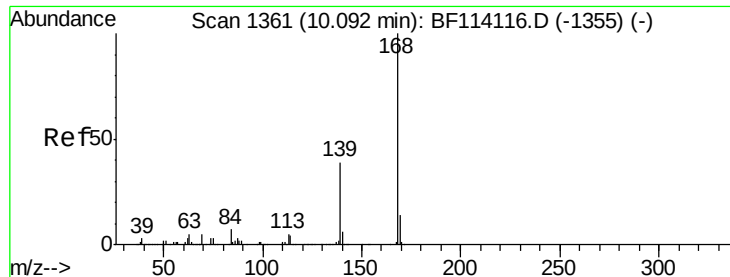
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





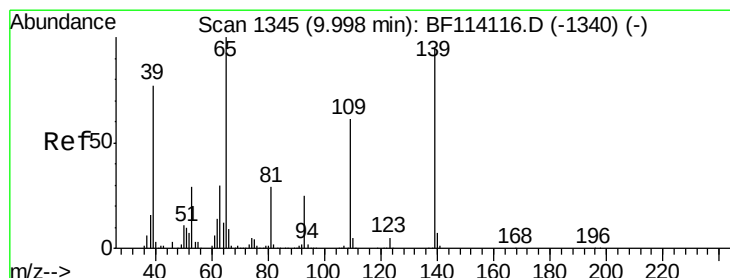
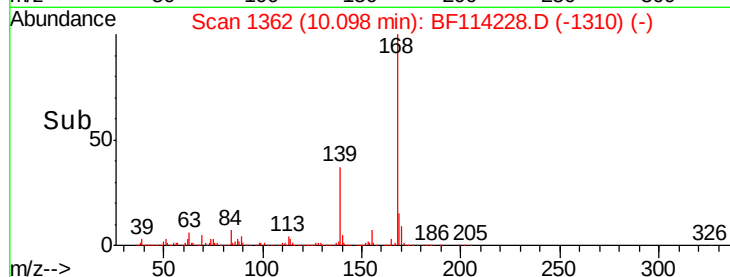
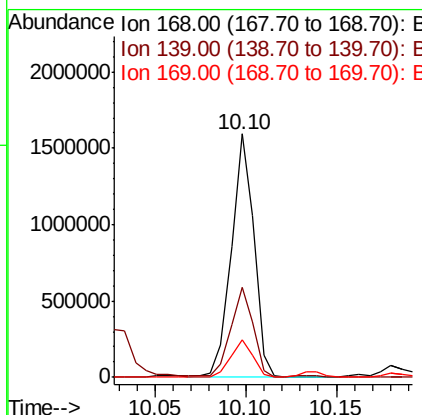
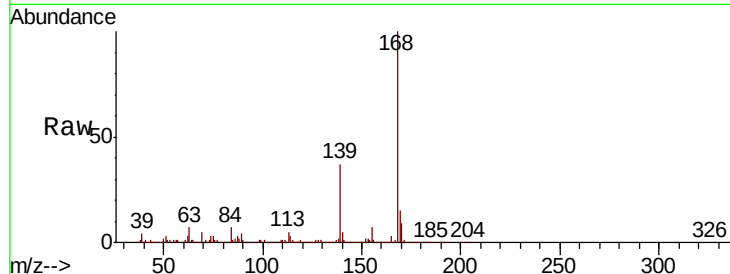
#55
Dibenzofuran
Concen: 27.349 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	15.4	11.4	17.0

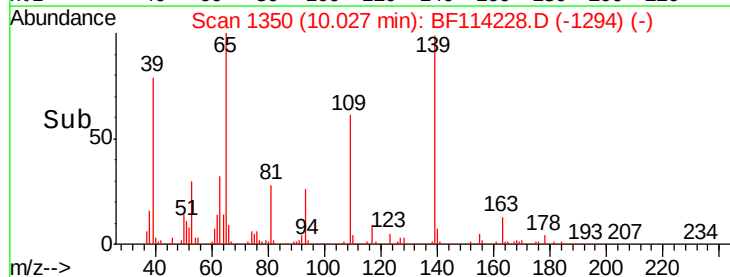
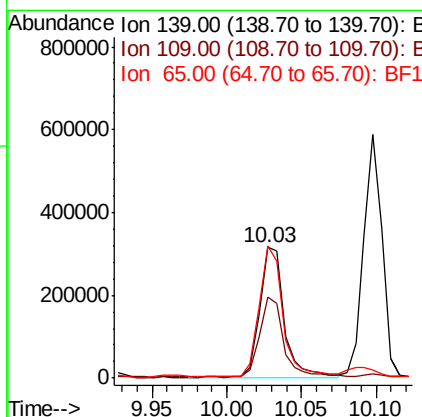
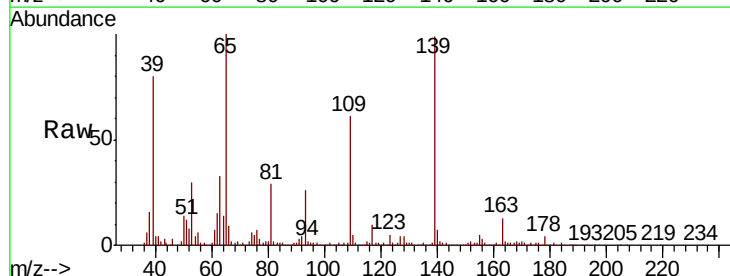
Manual Integrations
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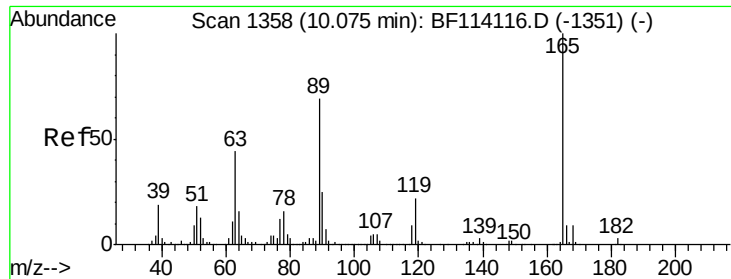
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#56
4-Nitrophenol
Concen: 44.365 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.9	83.9
65	101.0	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 28.344 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

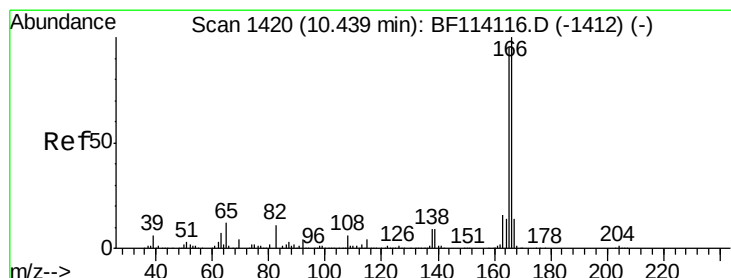
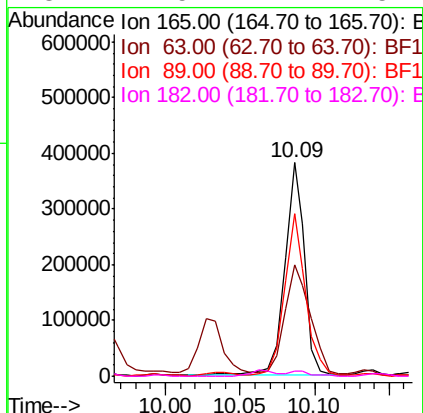
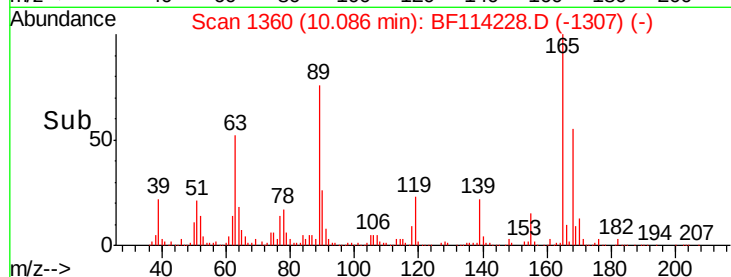
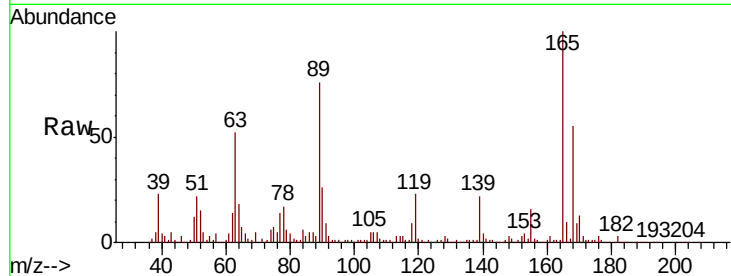
ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	355430		
63	52.4	35.5	53.3	
89	75.9	55.2	82.8	
182	2.5	2.2	3.2	

Manual Integrations
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#58

Fluorene

Concen: 35.935 ng

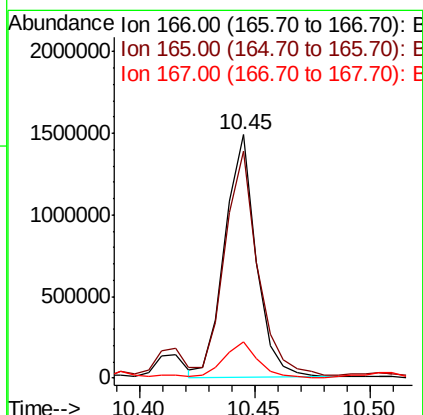
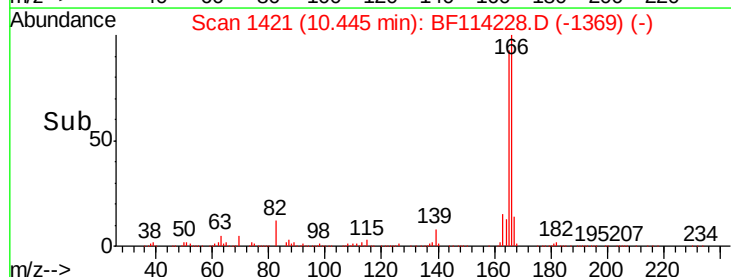
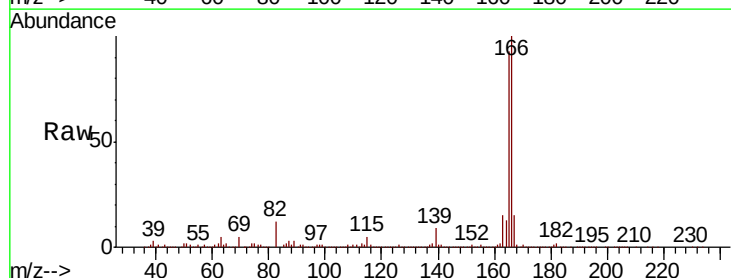
RT: 10.45 min Scan# 1421

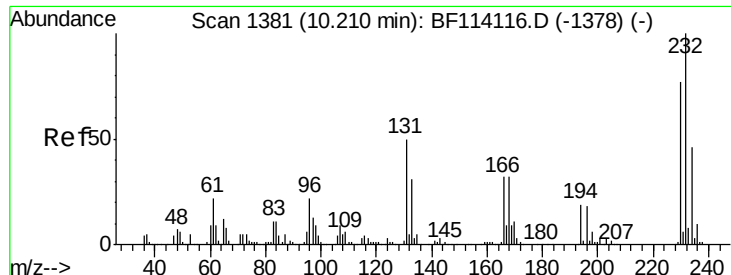
Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1401402		
165	93.0	76.1	114.1	
167	14.9	11.1	16.7	





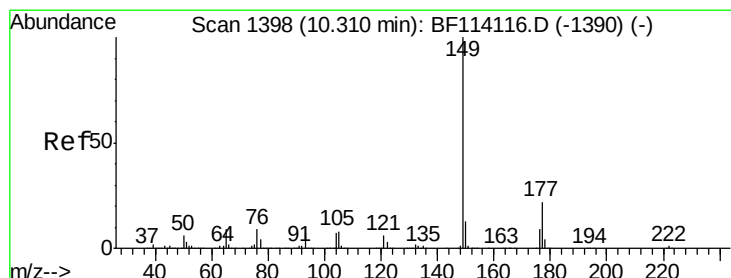
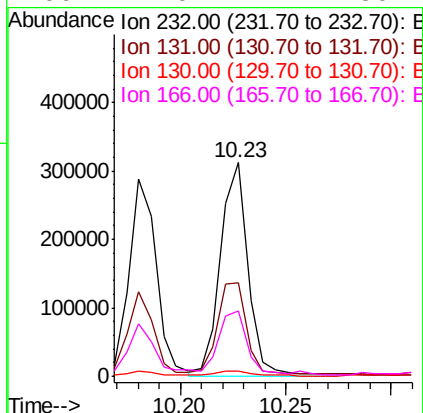
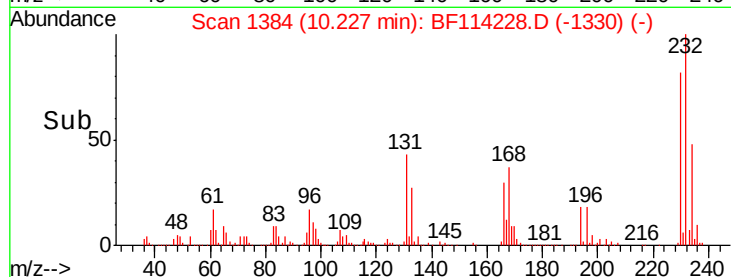
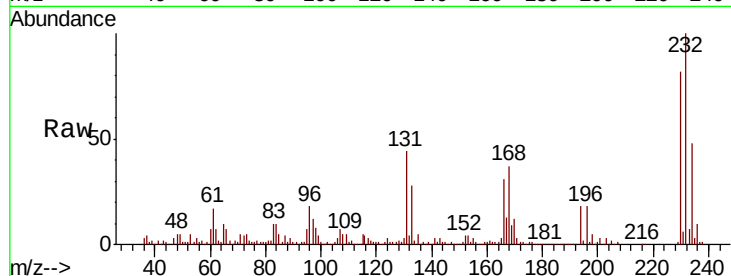
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 27.165 ng/ml
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	284198		
131	37.4		35.6	53.4
130	2.1		1.6	2.4
166	24.0		24.1	36.1#

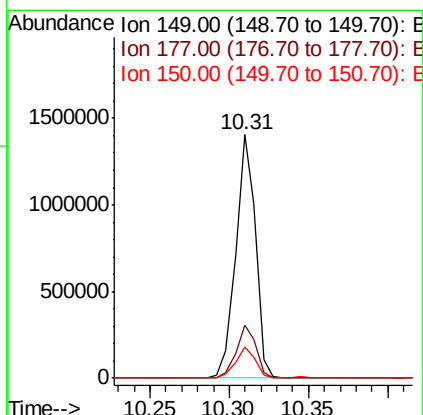
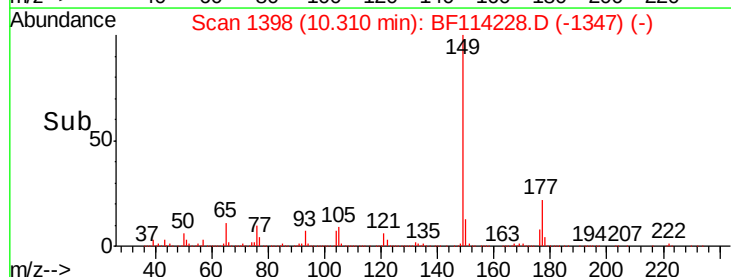
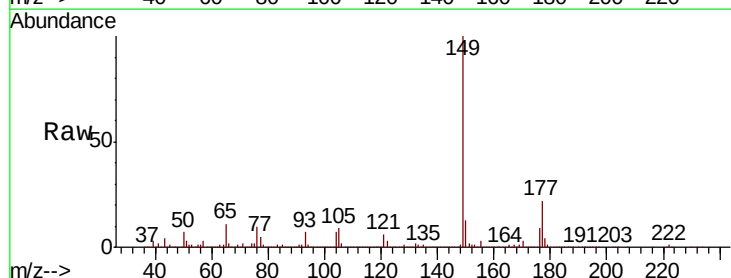
Manual Integrations
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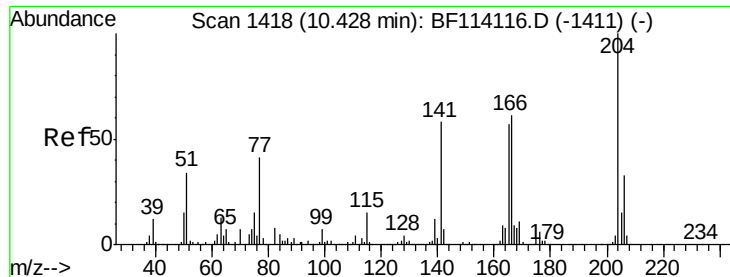
Sohil
 5/14/2019 8:03:11 PM



#60
 Diethylphthalate
 Concen: 28.503 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1206357		
177	21.6		17.8	26.6
150	12.7		10.2	15.2





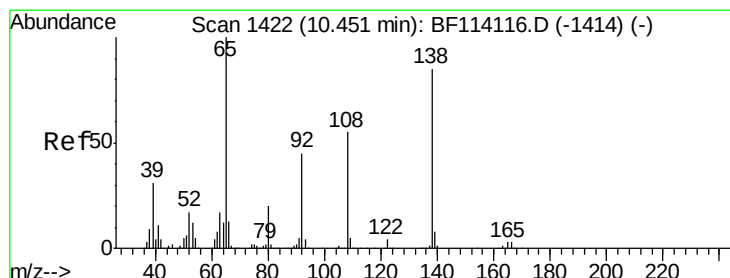
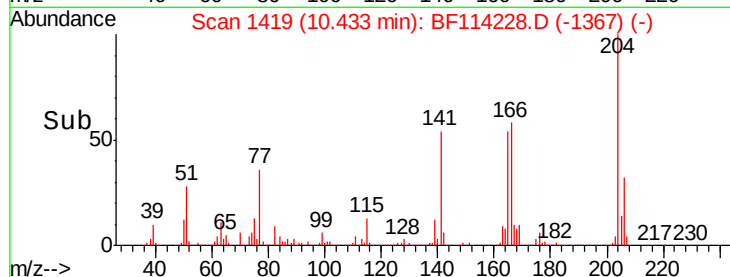
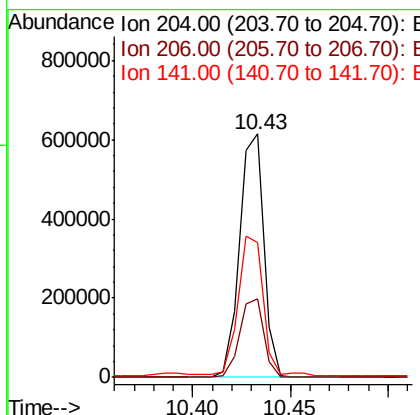
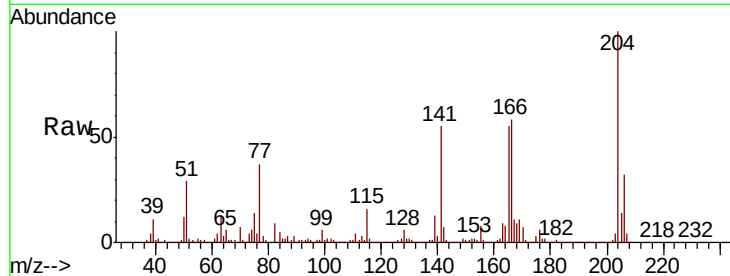
#61
4-Chlorophenyl-phenylether
Concen: 27.611 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	55.1	46.4	69.6

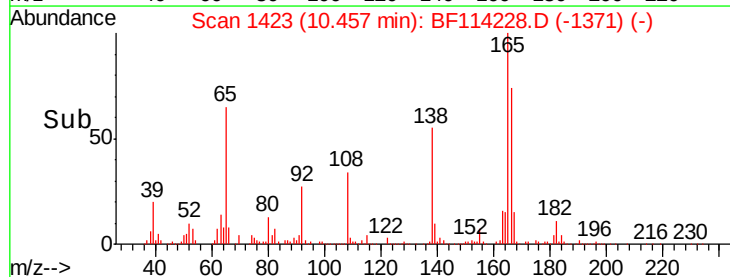
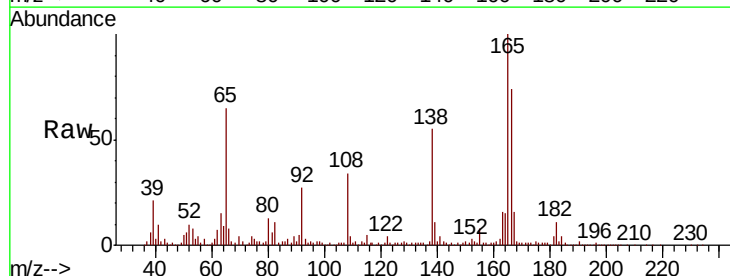
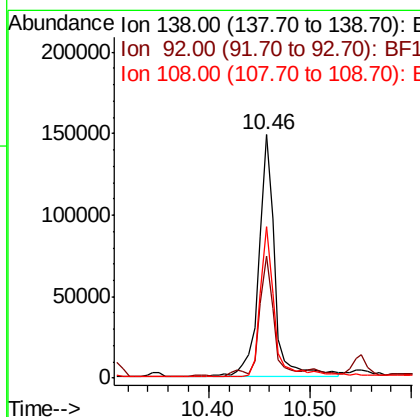
Manual Integrations
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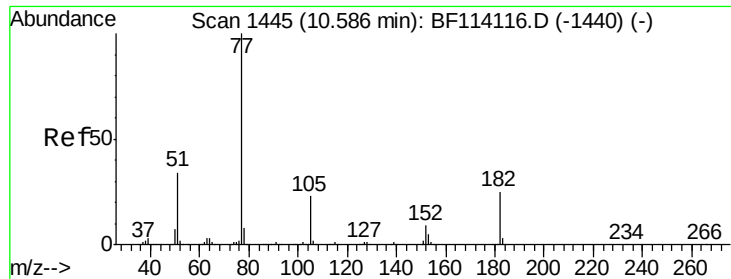
Sohil
5/14/2019 8:03:11 PM



#62
4-Nitroaniline
Concen: 13.476 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	33.0	73.0
108	62.0	44.9	84.9





#63

Azobenzene

Concen: 27.229 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion: 77 Resp: 1115495

Ion Ratio Lower Upper

77 100

182 31.6 4.7 44.7

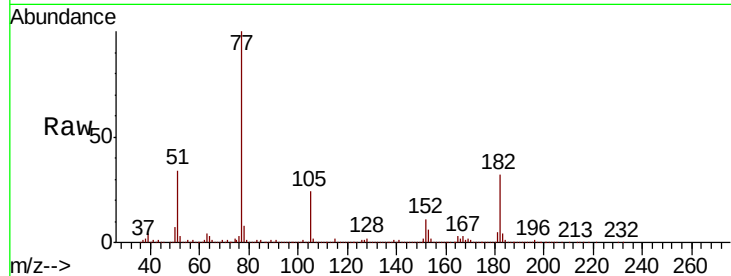
105 24.1 2.9 42.9

51 34.4 14.6 54.6

Manual Integrations
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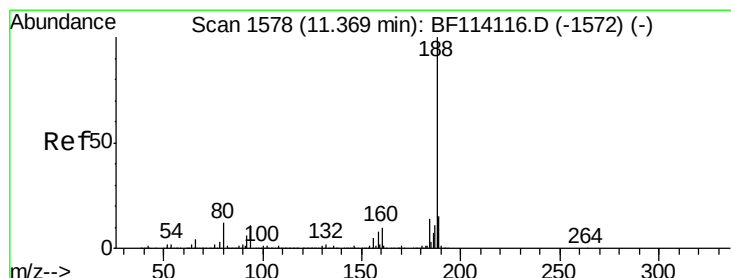
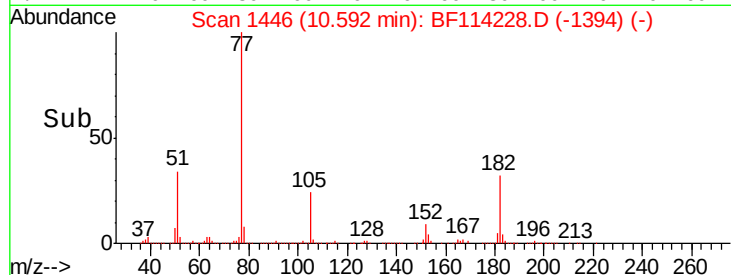
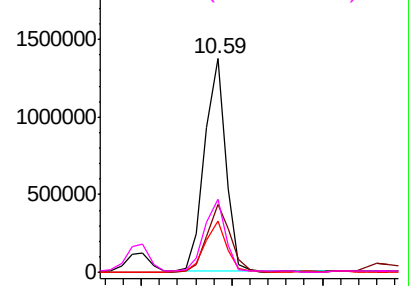


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

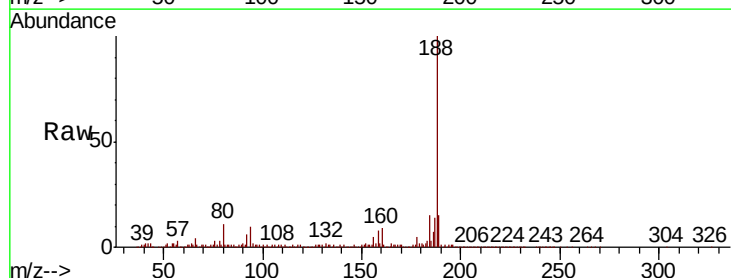
Tgt Ion: 188 Resp: 1009835

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

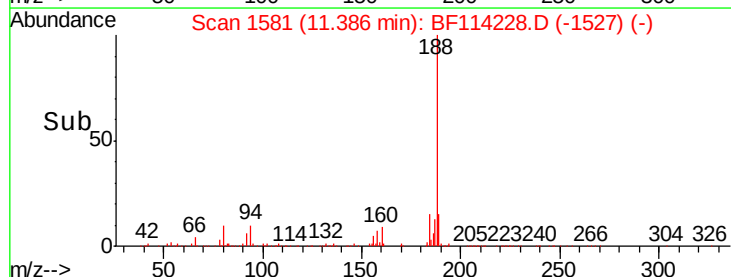
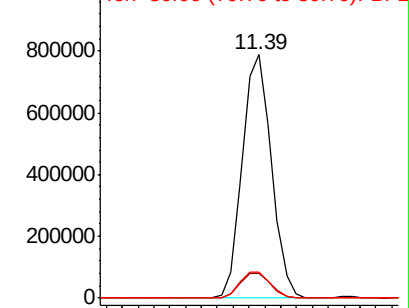
80 10.7 9.2 13.8

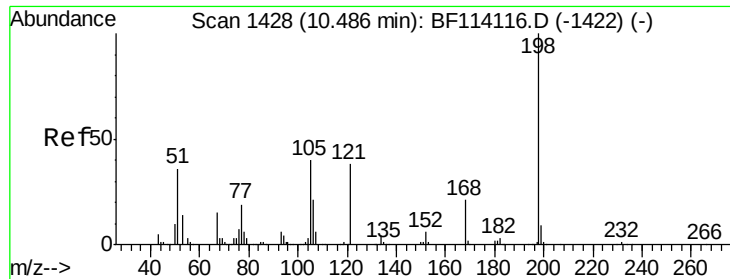


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





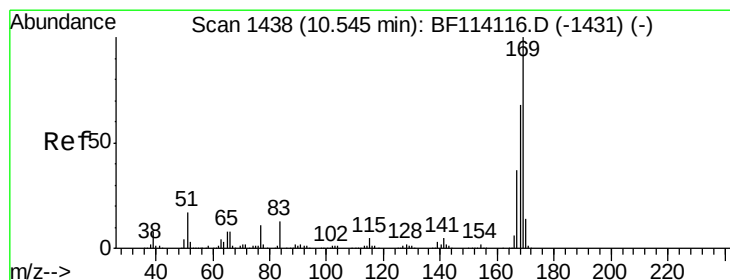
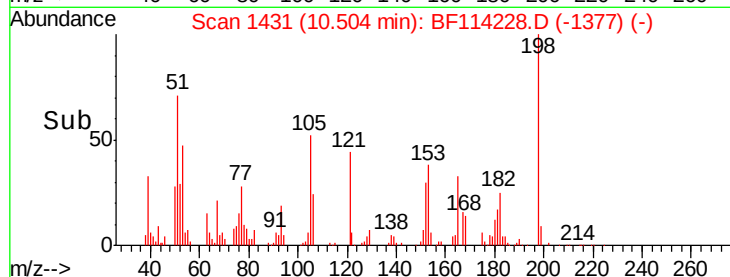
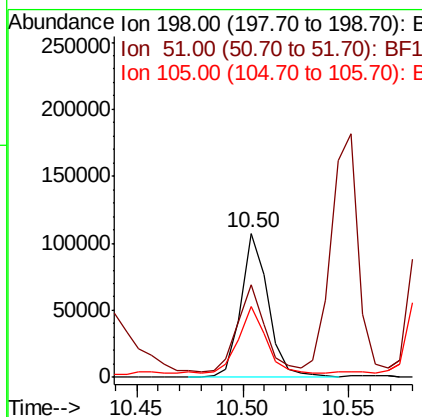
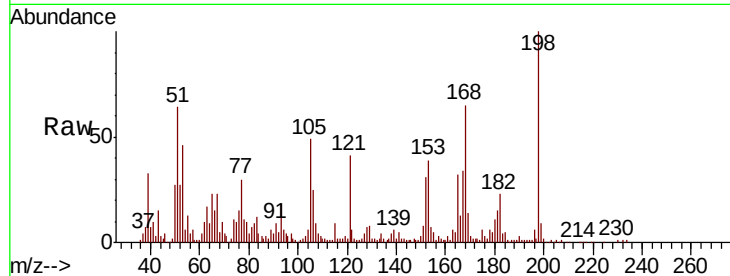
#65
4,6-Dinitro-2-methylphenol
Concen: 19.823 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	96191		
51	64.5	28.0	68.0	
105	49.1	21.1	61.1	

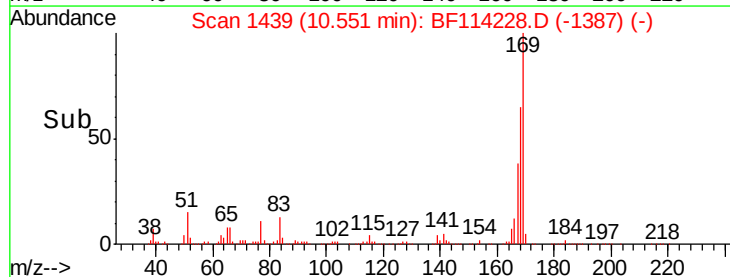
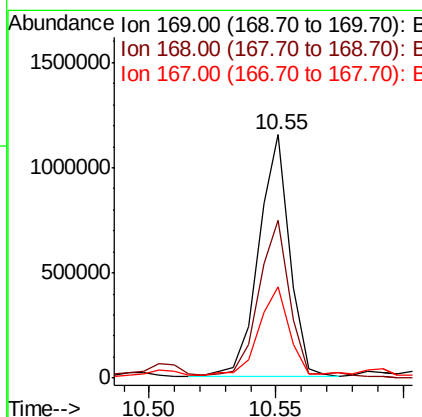
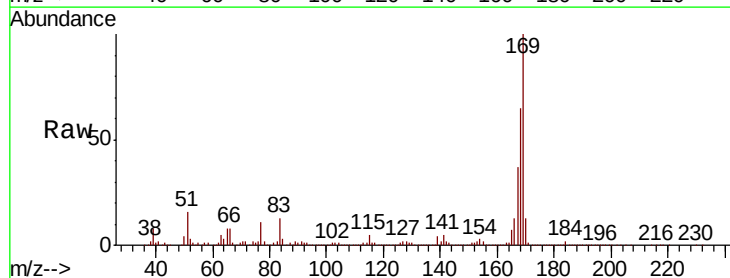
Manual Integrations
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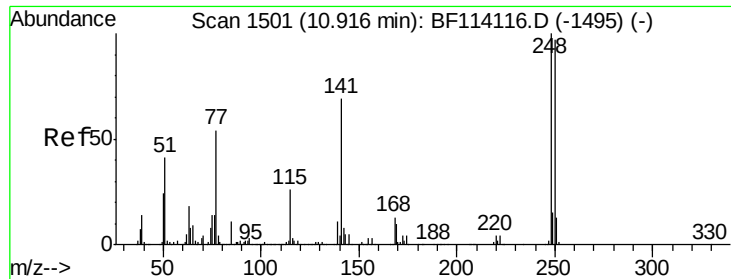
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 31.736 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	972663		
168	64.9	54.2	81.2	
167	37.4	29.8	44.8	





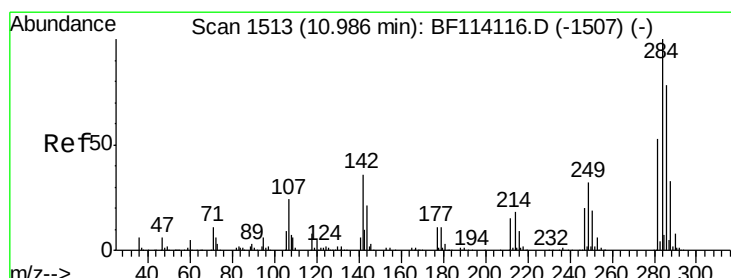
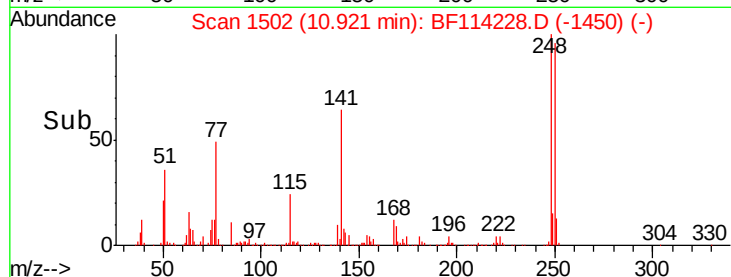
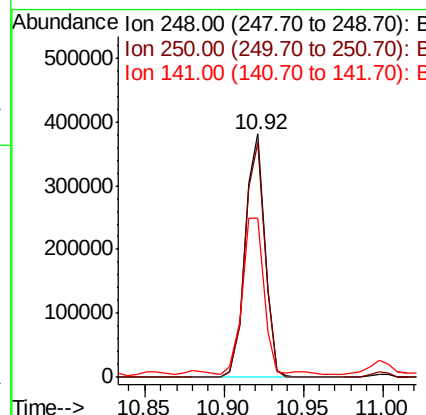
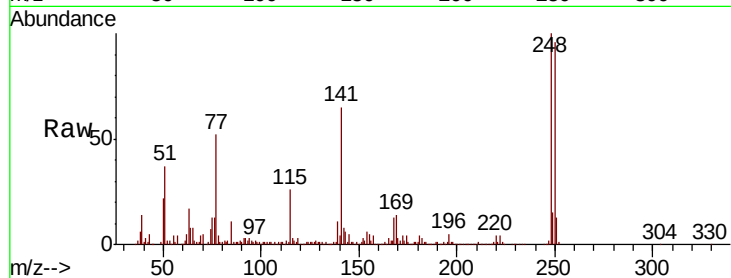
#67
4-Bromophenyl-phenylether
Concen: 29.475 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.4	116.2
141	65.3	55.6	83.4

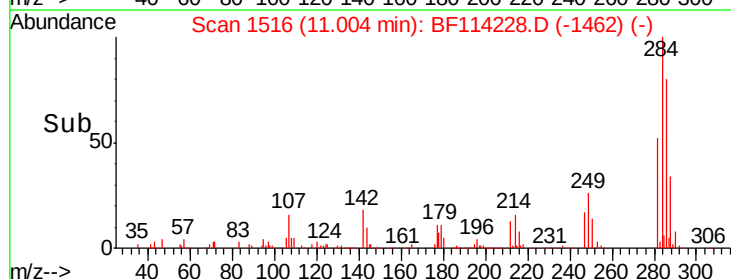
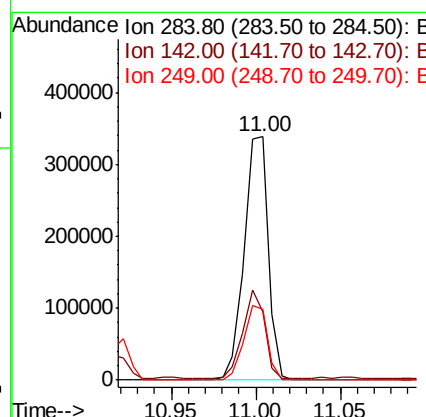
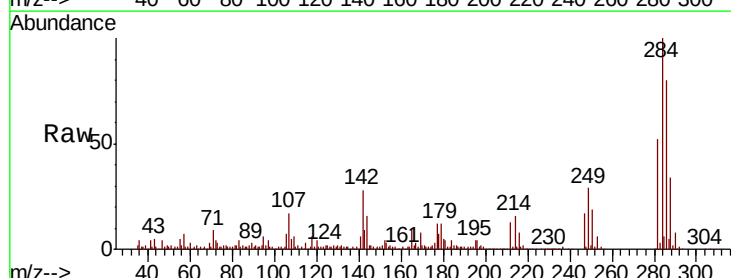
Manual Integrations
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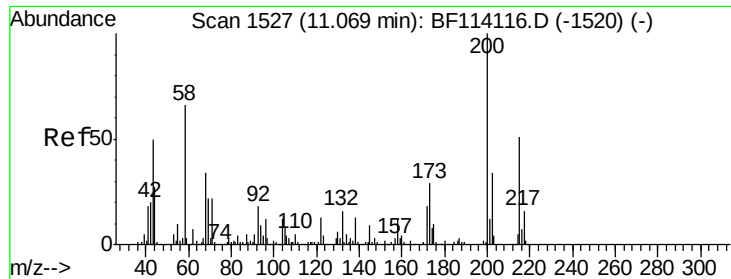
Sohil
5/14/2019 8:03:11 PM



#68
Hexachlorobenzene
Concen: 27.391 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	28.4	42.6#
249	28.9	25.2	37.8





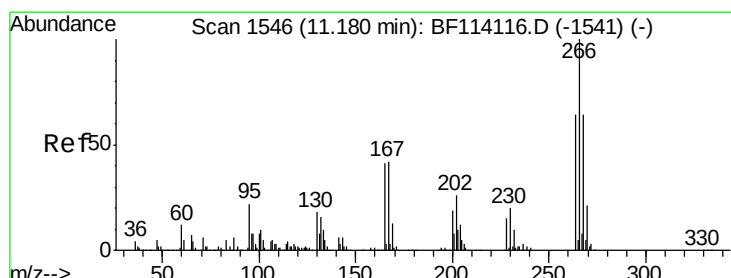
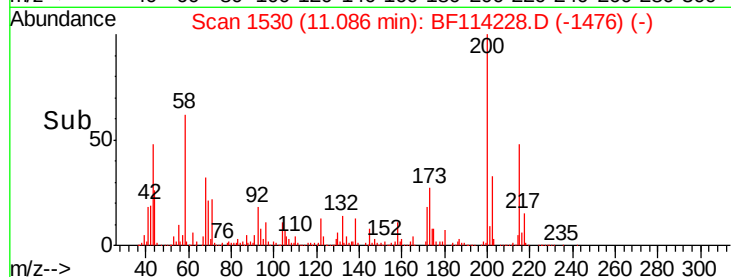
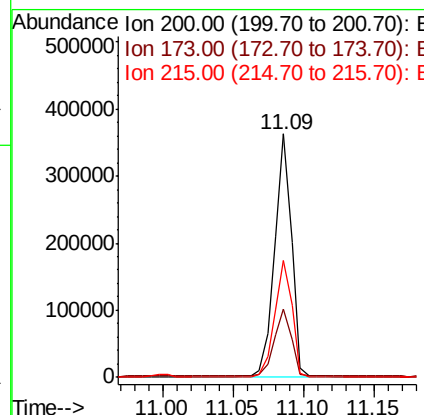
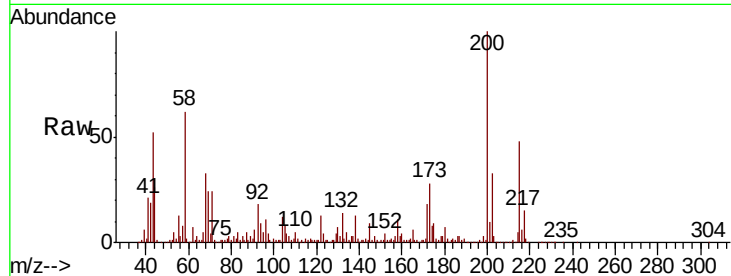
#69
Atrazine
Concen: 32.285 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	307927		
173	28.0	8.9	48.9	
215	48.0	30.7	70.7	

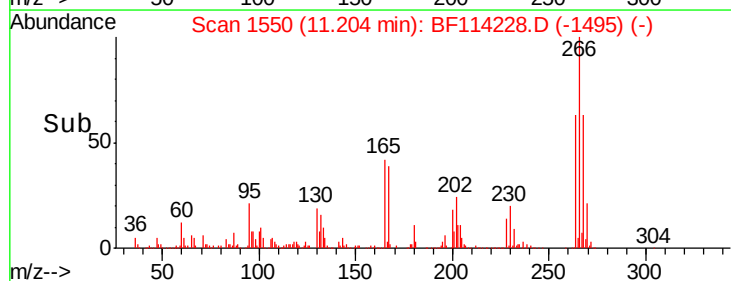
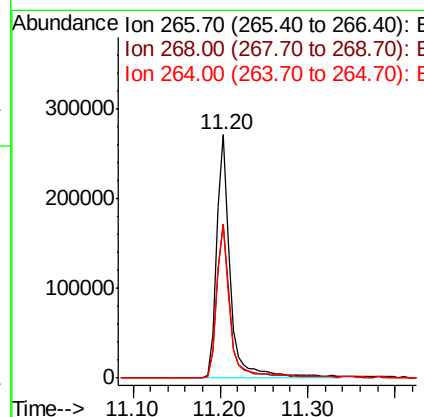
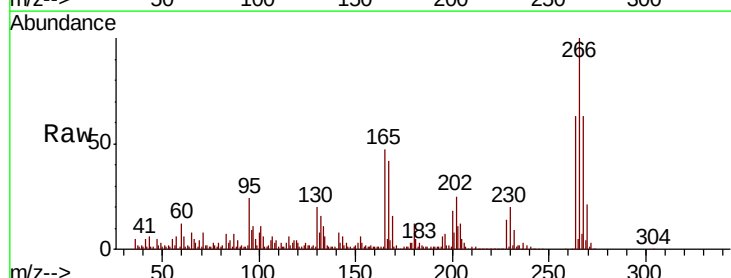
Manual Integrations
APPROVED

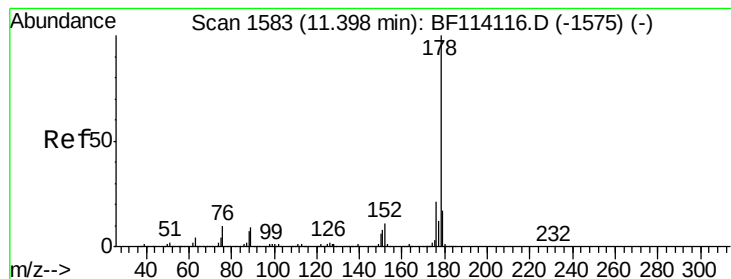
Sohil
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#70
Pentachlorophenol
Concen: 51.056 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	297700		
268	63.0	51.1	76.7	
264	63.4	51.1	76.7	





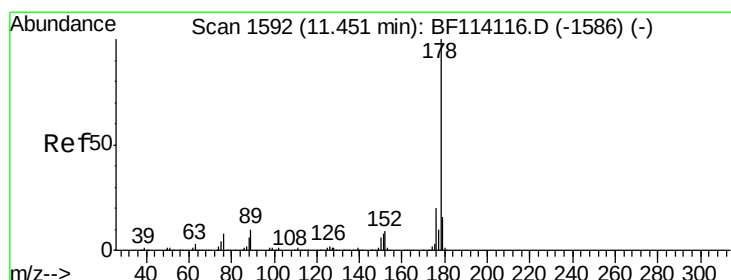
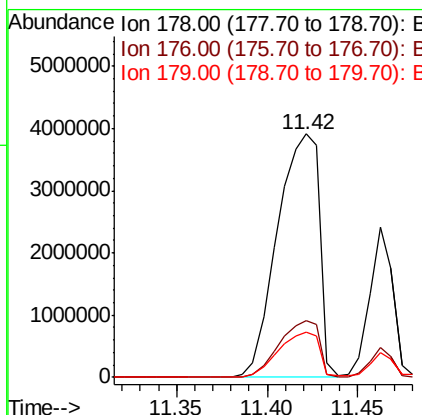
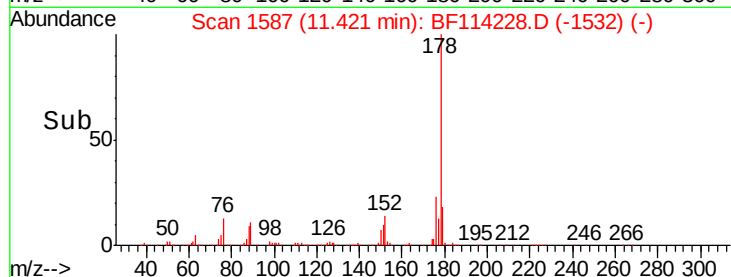
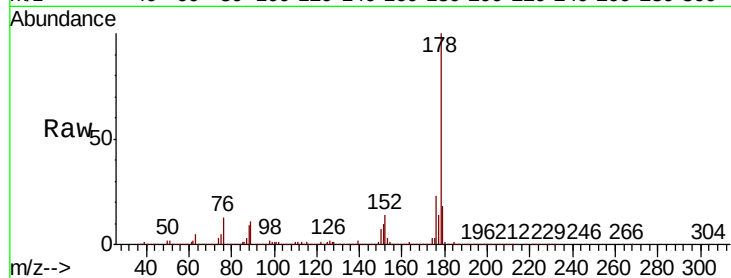
#71
Phenanthrene
Concen: 128.723 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:178 Resp: 6324145
Ion Ratio Lower Upper
178 100
176 23.2 16.4 24.6
179 18.4 13.2 19.8

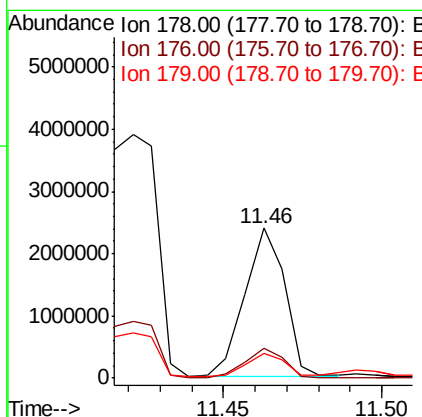
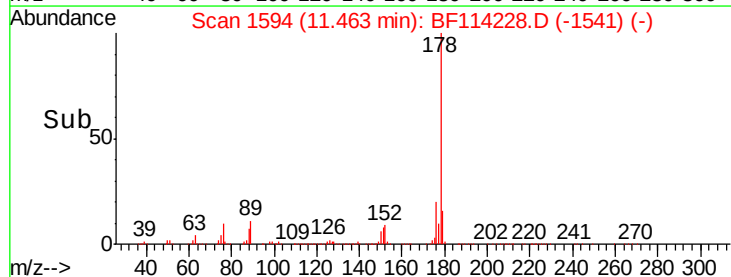
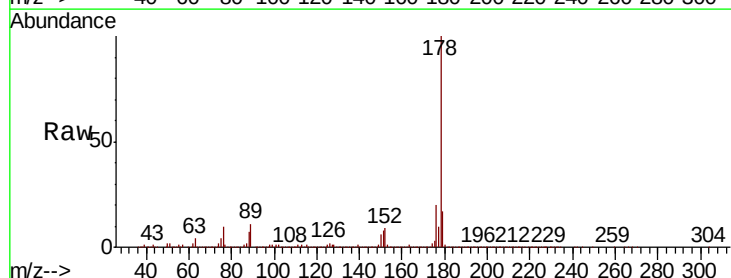
Manual Integrations
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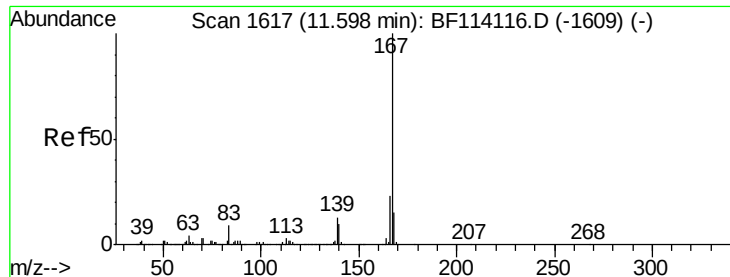
Sohil
5/14/2019 8:03:11 PM



#72
Anthracene
Concen: 42.278 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:178 Resp: 2086258
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.7 13.0 19.4





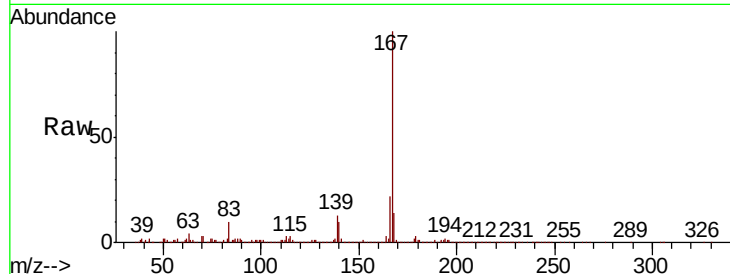
#73
 Carbazole
 Concen: 27.655 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.4	10.6	16.0

Manual Integrations
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 5/14/2019 8:03:11 PM

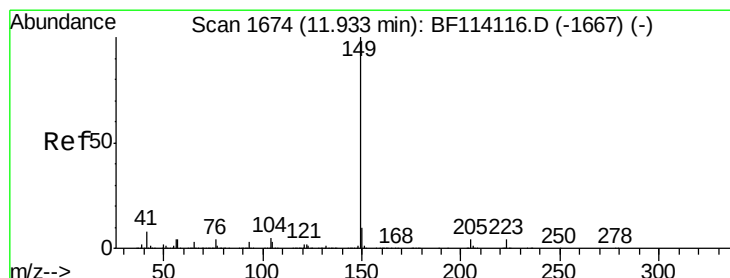
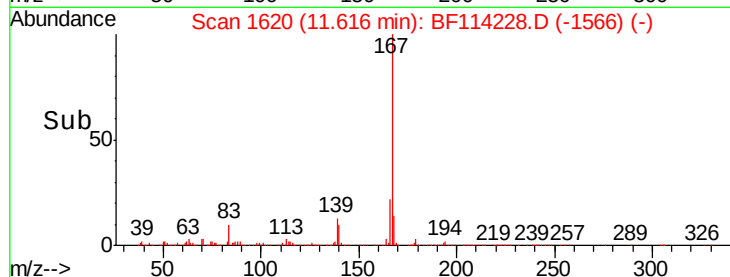
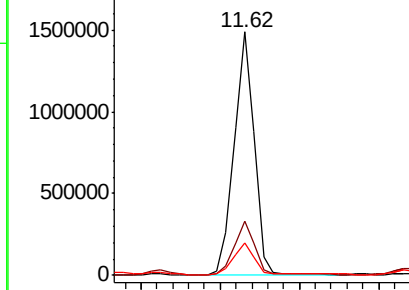


Abundance

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



#74
 Di-n-butylphthalate
 Concen: 32.929 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

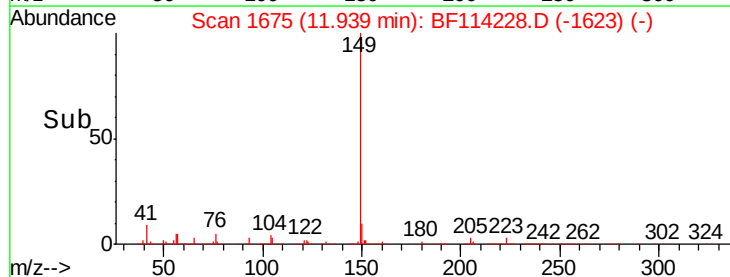
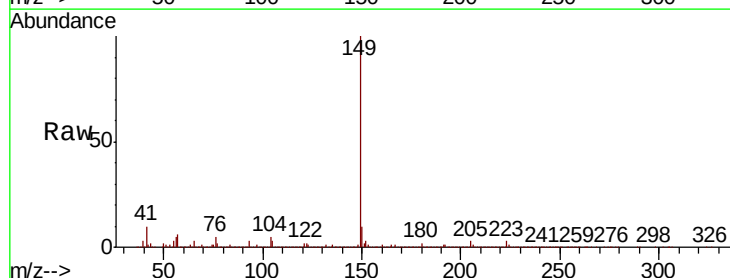
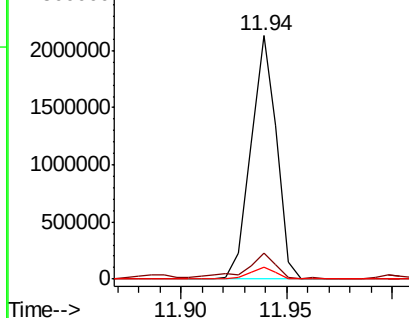
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.7	11.5
104	4.8	3.6	5.4

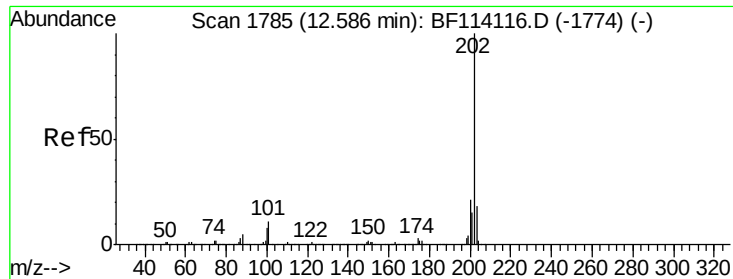
Abundance

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





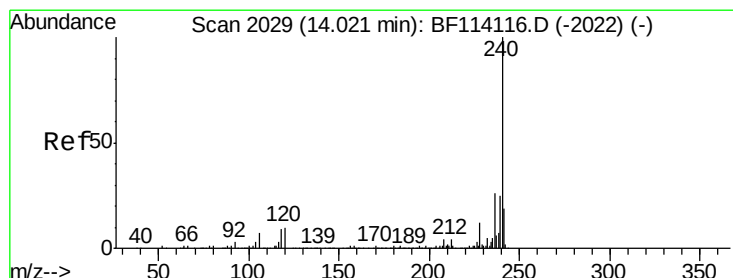
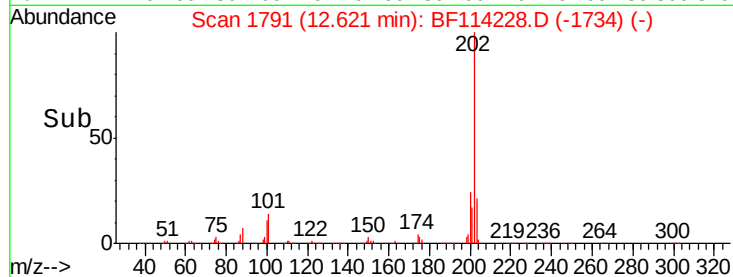
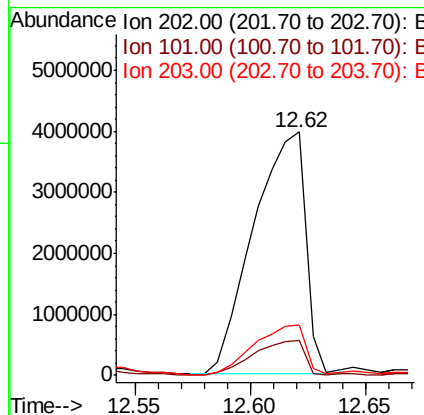
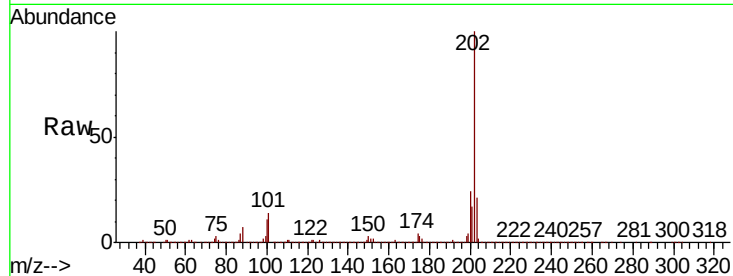
#75
 Fluoranthene
 Concen: 117.823 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	31.0
203	20.6	0.0	38.4

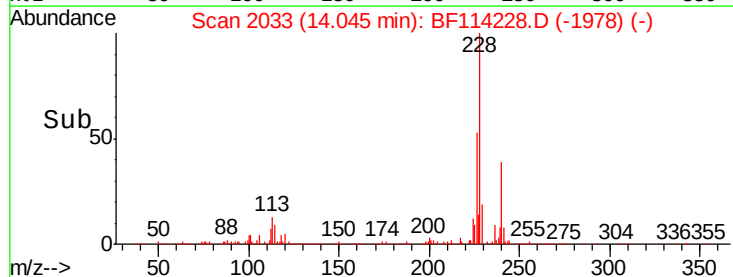
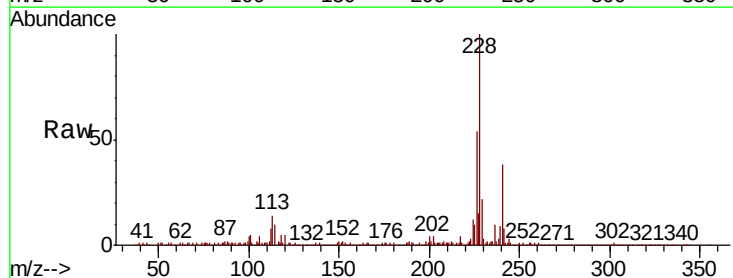
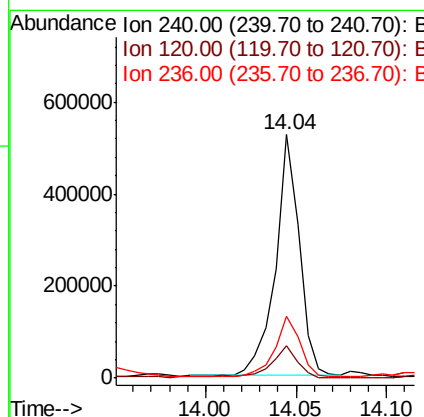
Manual Integrations
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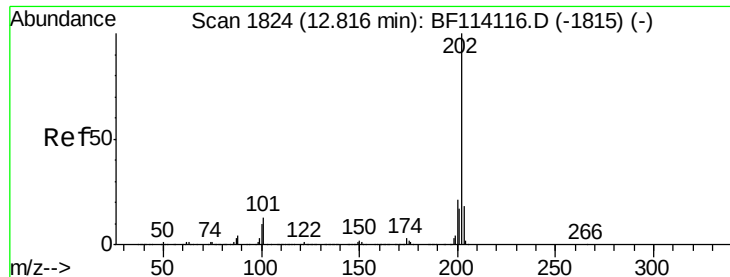
Sohil
 5/14/2019 8:03:11 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.3	12.5#
236	25.7	20.8	31.2





#78

Pvrene

Concen: 232.533 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.05 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:202 Resp: 8968851

Ion Ratio Lower Upper

202 100

200 25.3 16.9 25.3

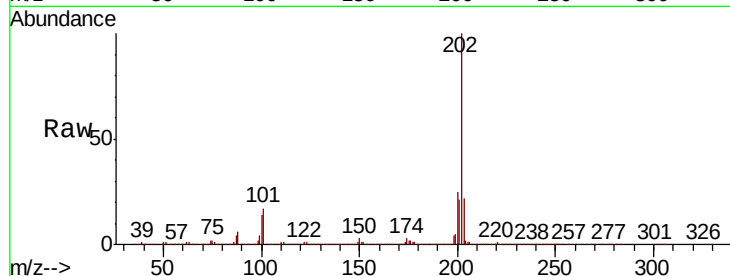
203 21.6 14.5 21.7

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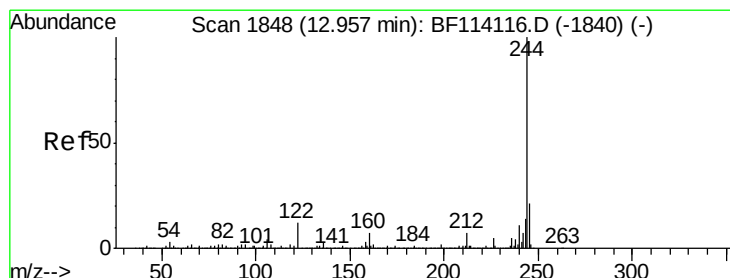
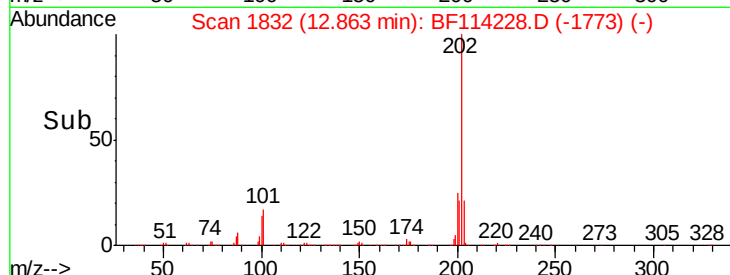
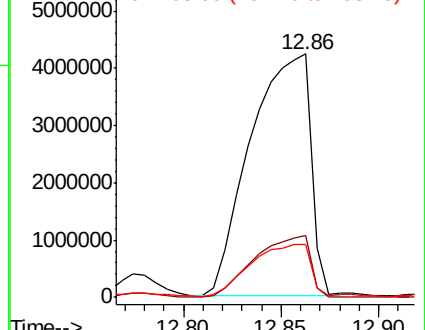
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 68.863 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

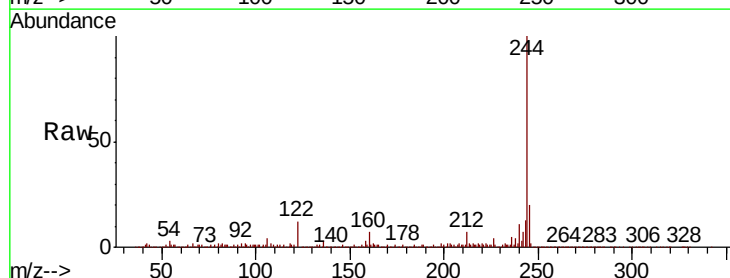
Tgt Ion:244 Resp: 1601661

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

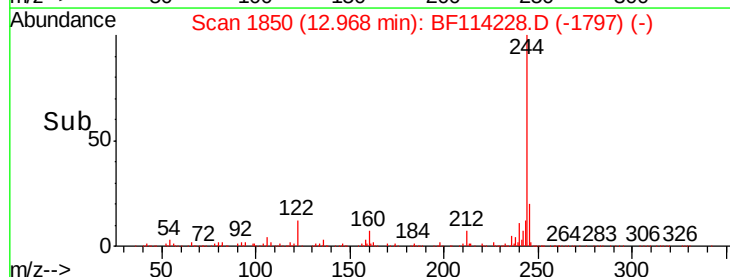
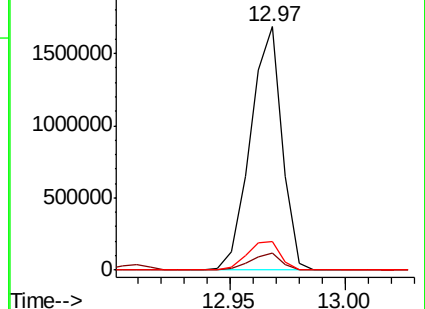
122 11.7 9.4 14.2

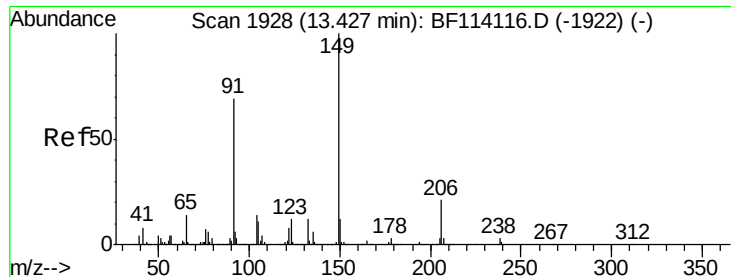


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





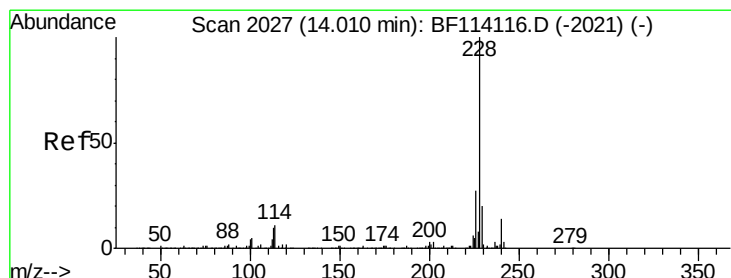
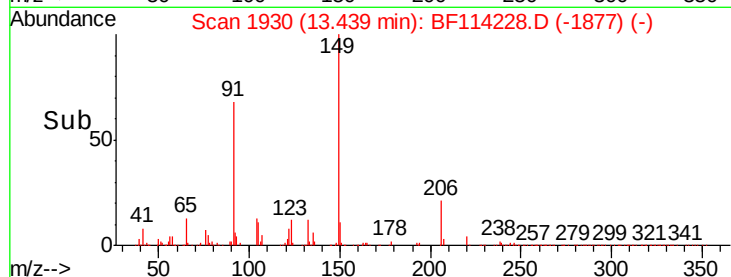
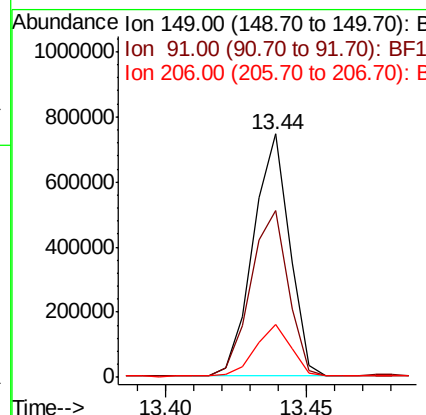
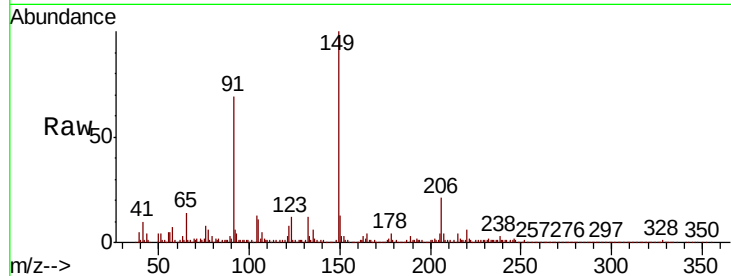
#80
Butylbenzylphthalate
Concen: 40.940 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	55.0	82.4
206	21.5	16.9	25.3

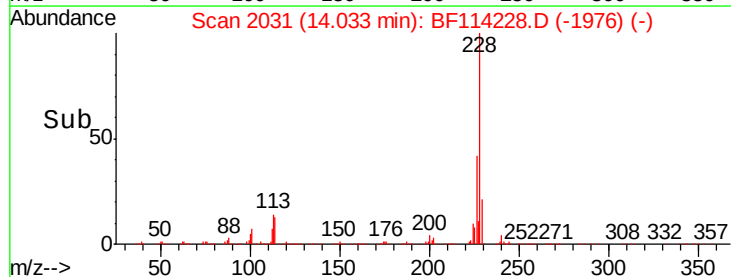
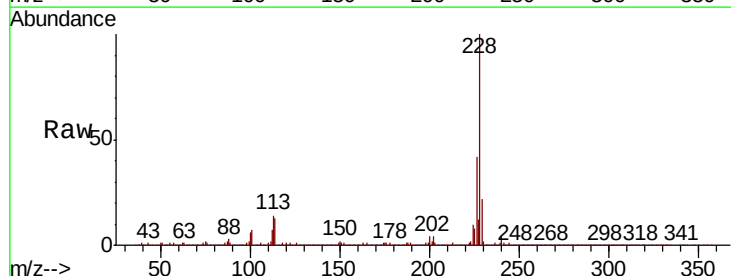
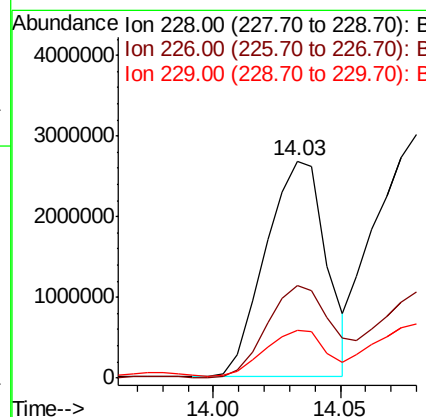
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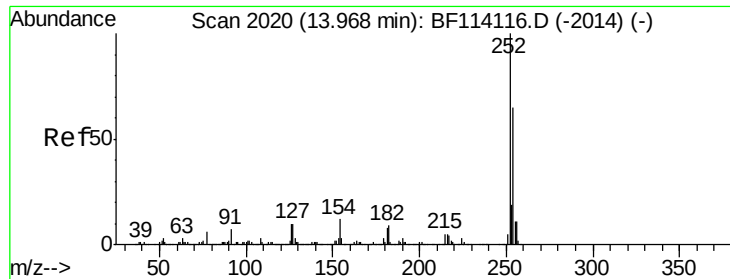
Sohil
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#81
Benzo(a)anthracene
Concen: 144.133 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.5	22.2	33.2#
229	22.2	16.4	24.6





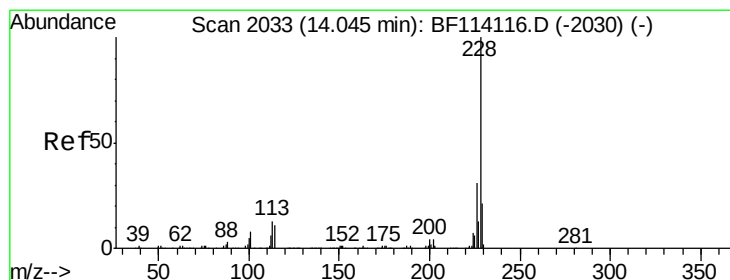
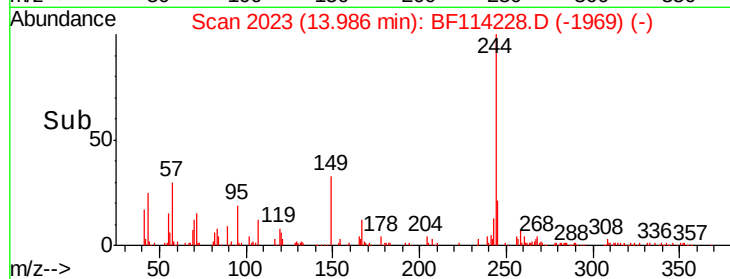
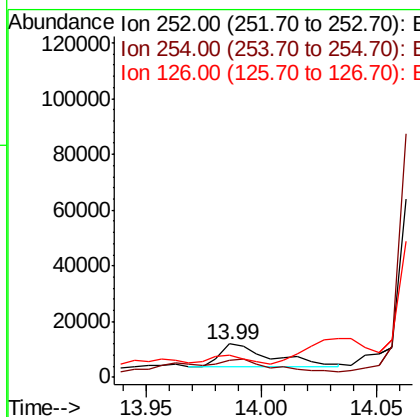
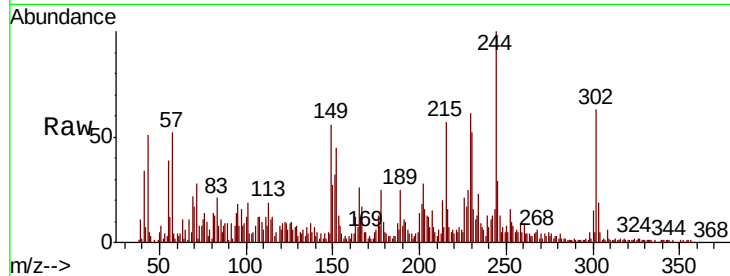
#82
 3,3'-Dichlorobenzidine
 Concen: 1.079 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.02 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	52.6	51.9	77.9
126	64.3	7.9	11.9#

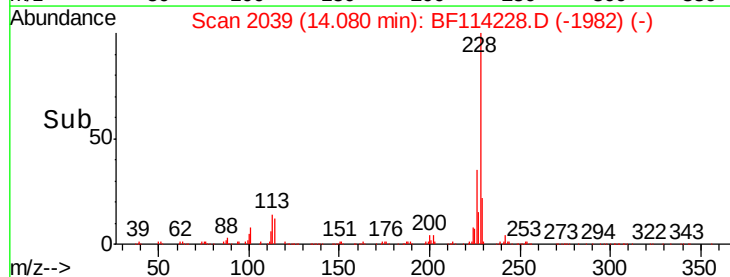
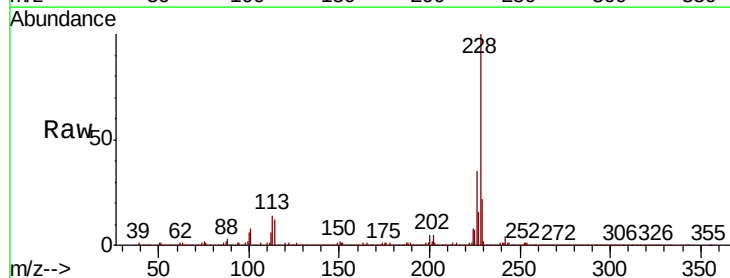
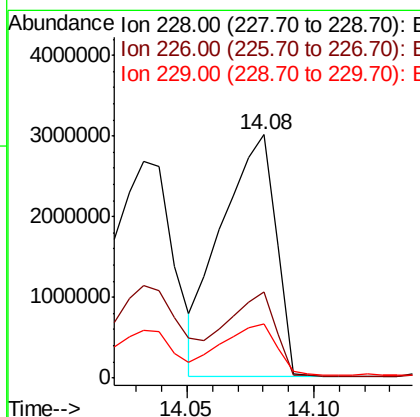
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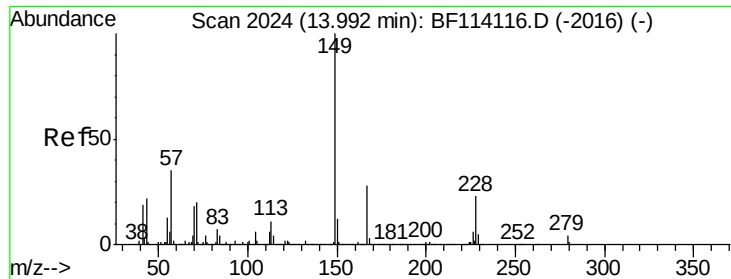
Sohil
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#83
 Chrysene
 Concen: 147.566 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.04 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.0	37.6
229	22.3	17.0	25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.382 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:149 Resp: 1027284

Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

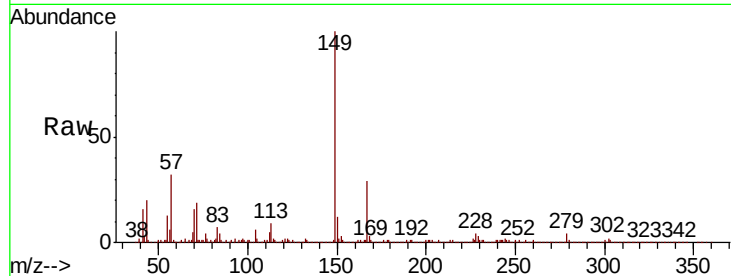
279 4.2 3.0 4.6

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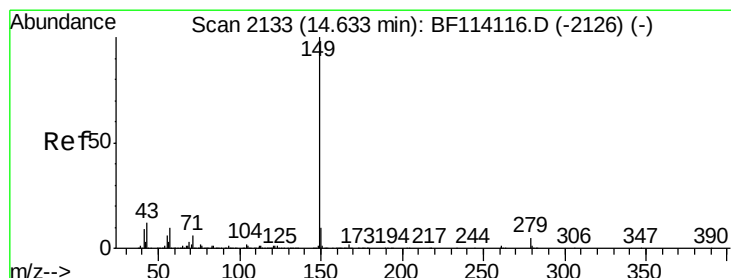
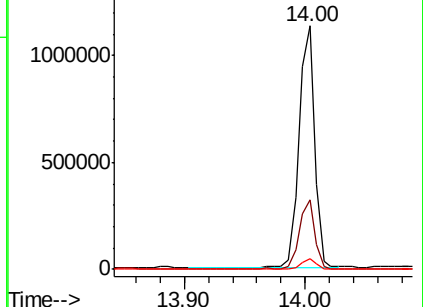
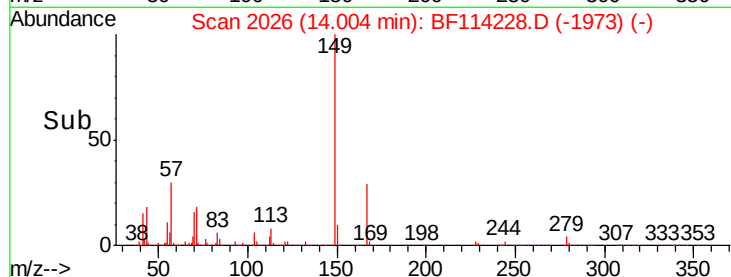
5/14/2019 8:03:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.424 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114228.D

Acq: 13 May 2019 14:57

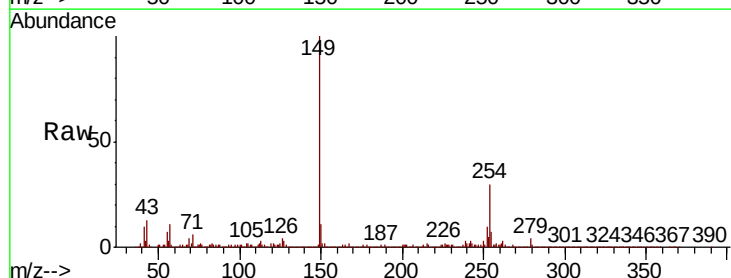
Tgt Ion:149 Resp: 1529062

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

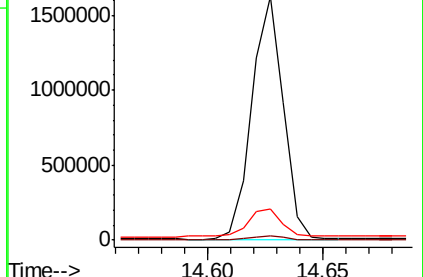
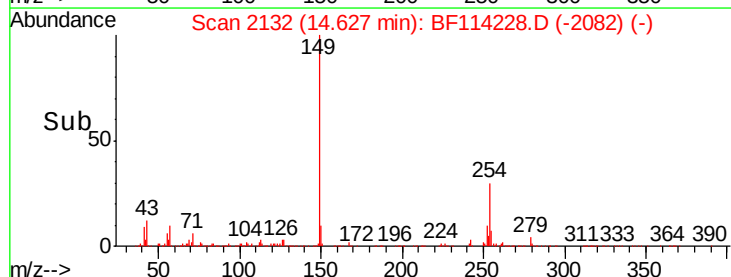
43 12.9 10.1 15.1

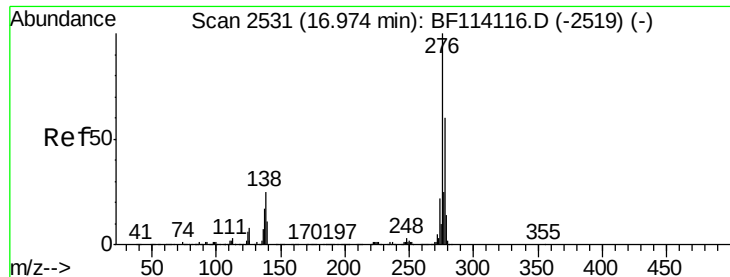


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





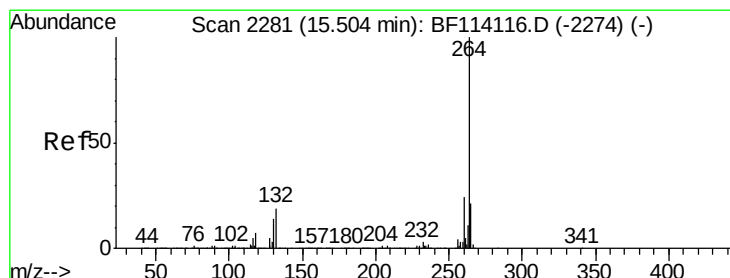
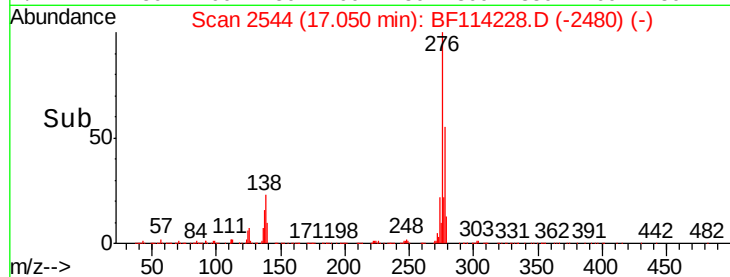
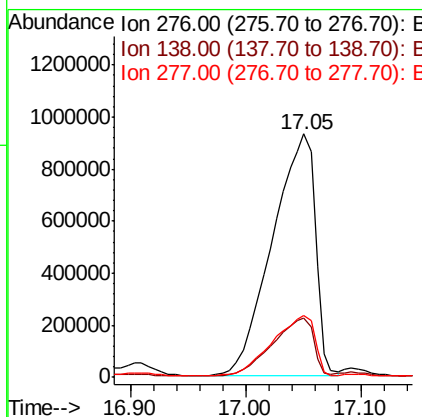
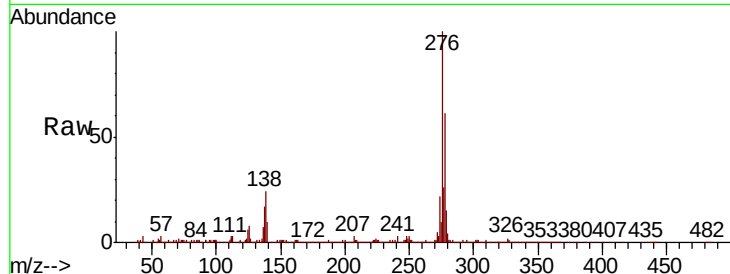
#86
Indeno(1,2,3-cd)pyrene
Concen: 89.593 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.08 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.2	30.2
277	24.6	20.0	30.0

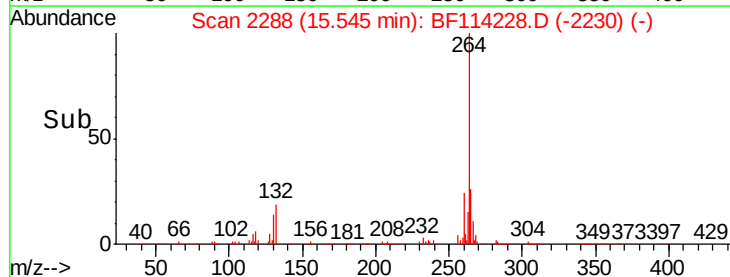
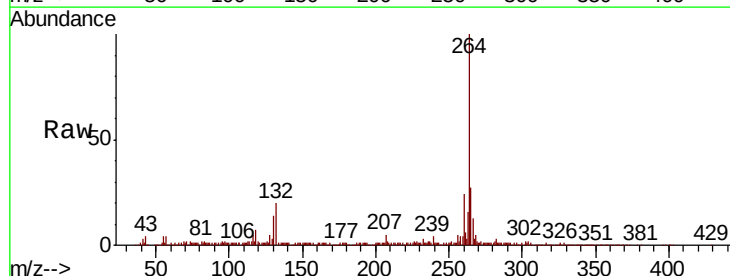
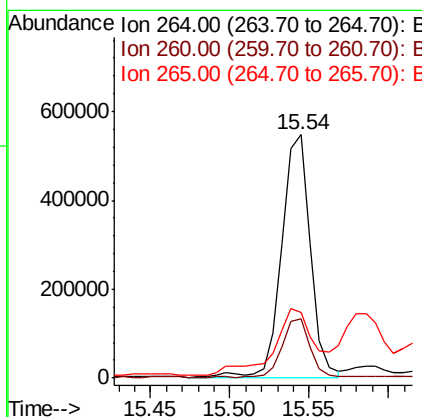
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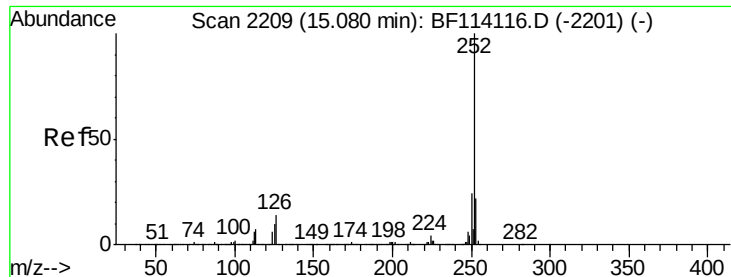
Sohil
5/14/2019 8:03:11 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.04 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	27.1	16.9	25.3





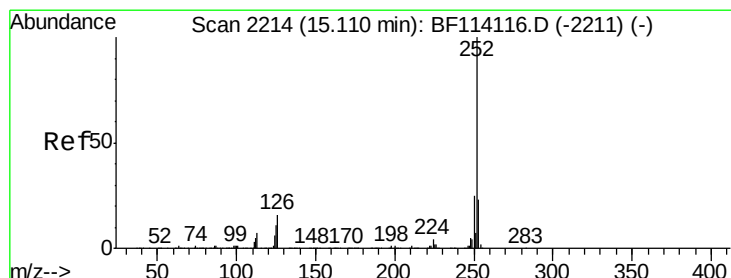
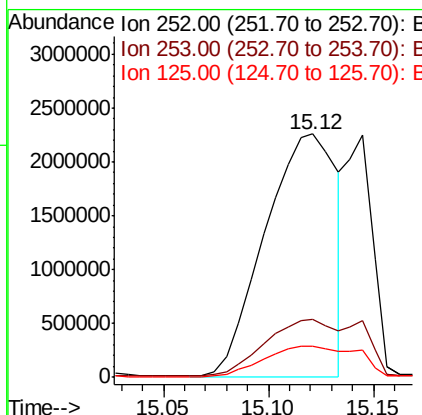
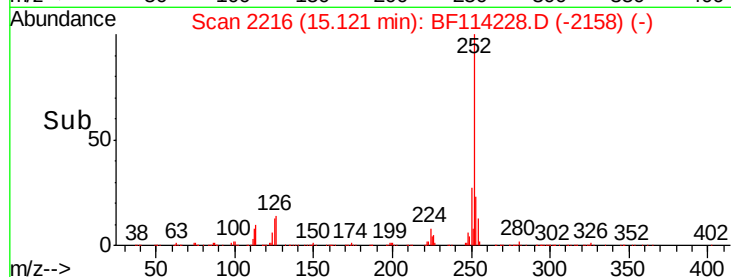
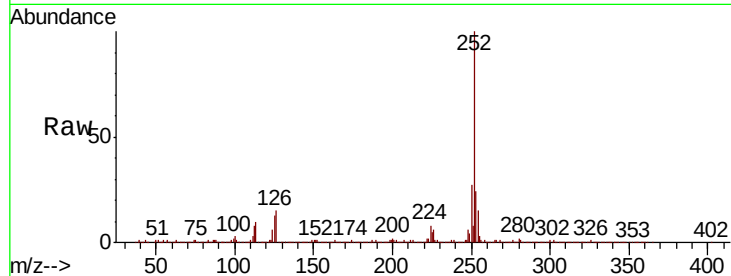
#88
Benzo(b)fluoranthene
Concen: 122.834 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:252 Resp: 5341529
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 13.0 8.3 12.5#

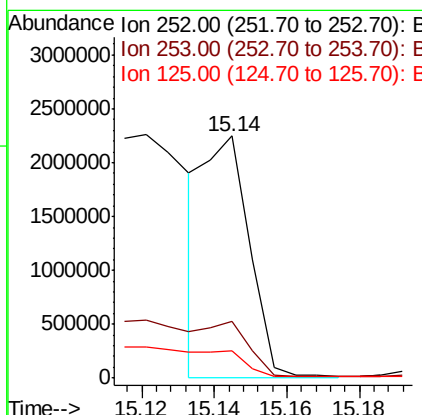
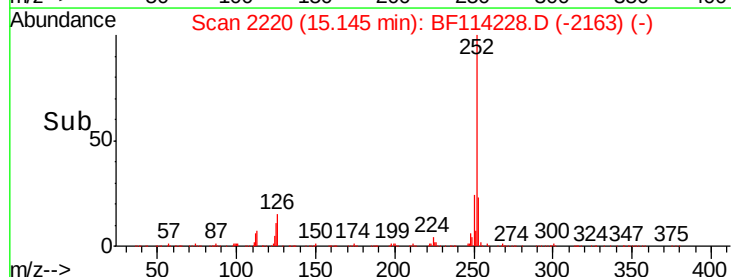
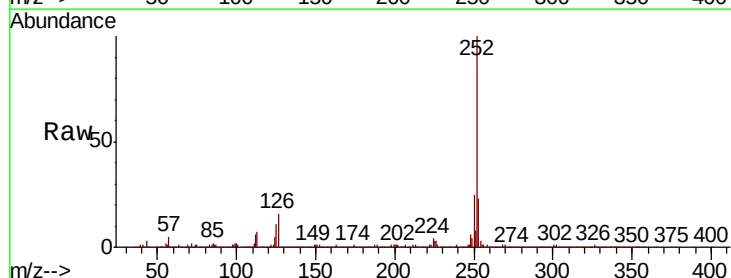
Manual Integrations
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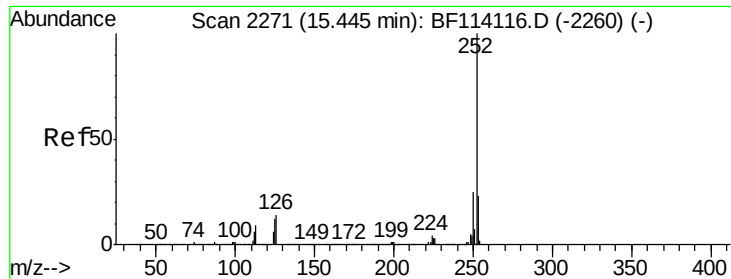
Sohil
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#89
Benzo(k)fluoranthene
Concen: 49.020 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.04 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:252 Resp: 1958136
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 11.2 8.6 13.0





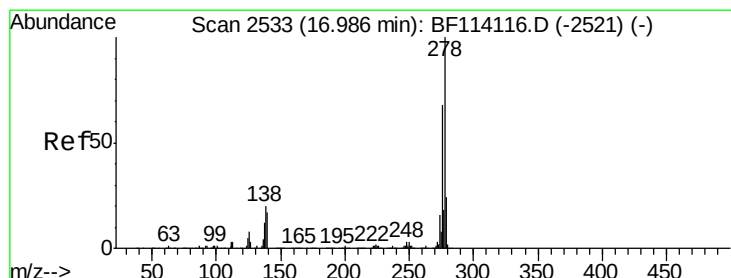
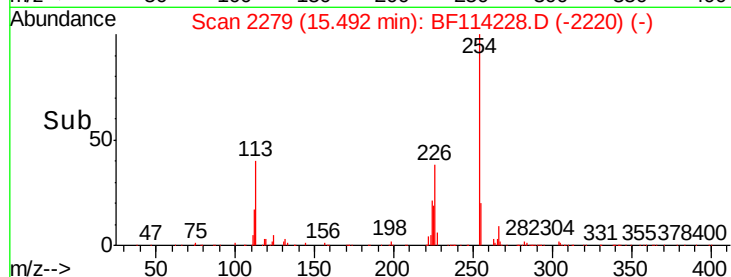
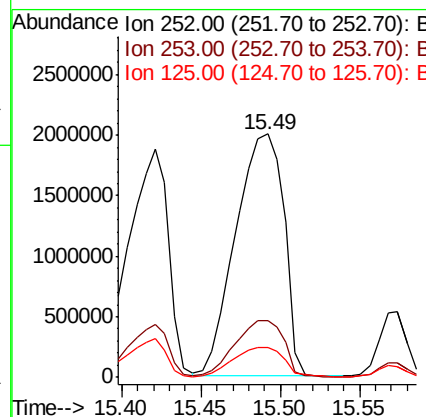
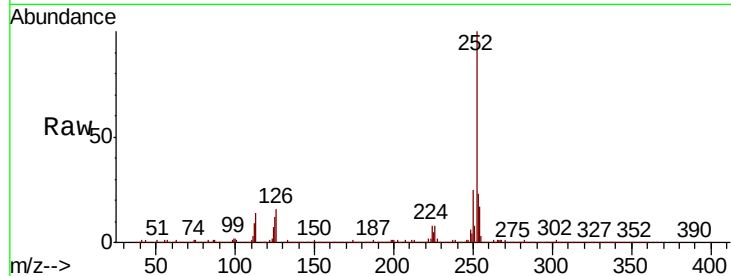
#90
Benzo(a)pyrene
Concen: 110.675 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.05 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:252 Resp: 4235649
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 12.3 9.5 14.3

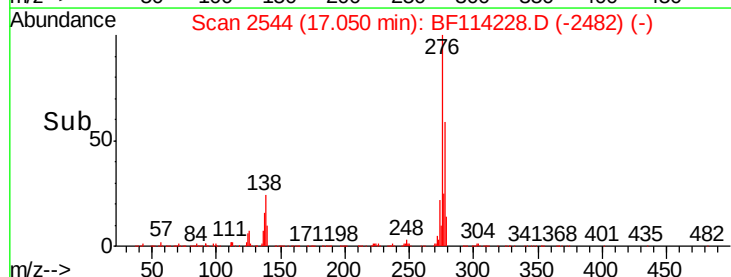
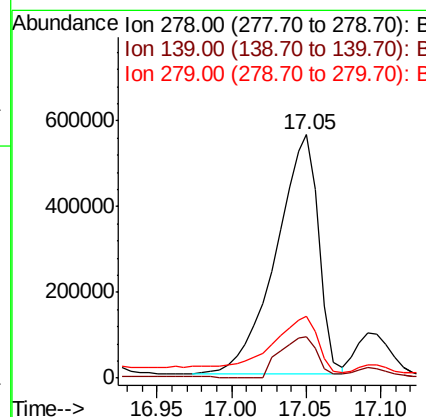
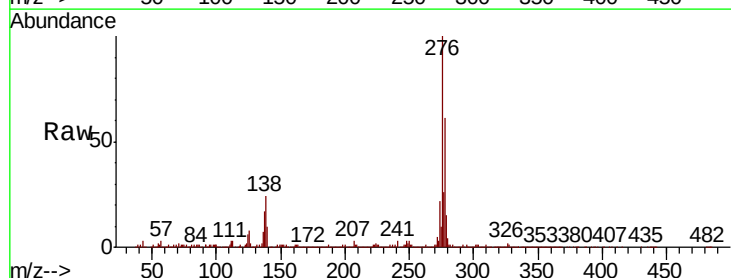
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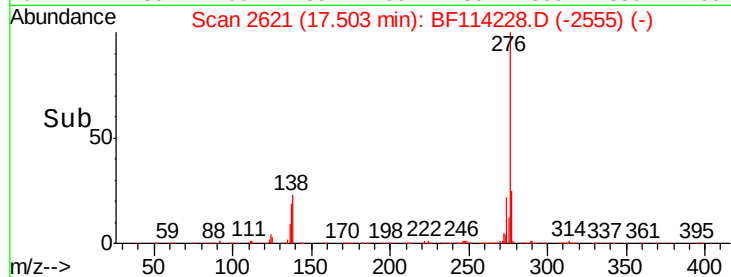
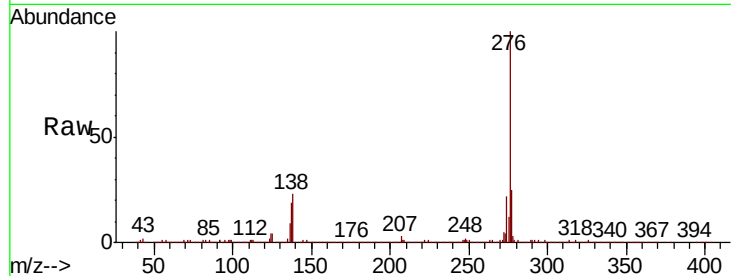
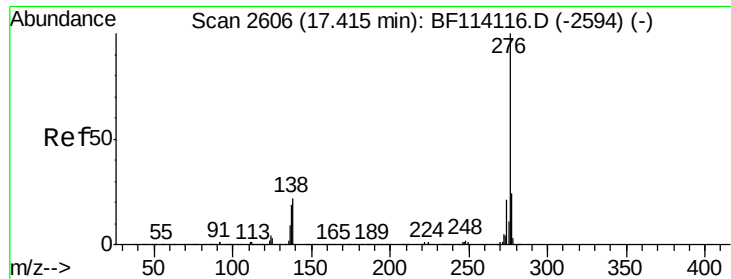
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 34.758 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.06 min
Lab File: BF114228.D
Acq: 13 May 2019 14:57

Tgt Ion:278 Resp: 1105366
Ion Ratio Lower Upper
278 100
139 17.2 13.5 20.3
279 25.4 19.0 28.6





#92
 Benzo(a,h,i)perylene
 Concen: 83.999 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.09 min
 Lab File: BF114228.D
 Acq: 13 May 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	23.1	17.8	26.6

Manual Integrations
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