

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111983.D
 Acq On : 10 Jan 2019 13:19
 Operator : JU/SJ
 Sample : PB116203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:42:50 PM

Quant Time: Jan 11 01:01:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167329	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	652067	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	282841	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	642982	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	441461	20.00	ng	-0.01
87) Perylene-d12	15.52	264	295146	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1140227	116.58	ng	0.00
7) Phenol-d6	6.53	99	1578024	125.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	807183	66.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	434114	118.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1399274	72.14	ng	-0.01
79) Terphenyl-d14	12.99	244	1744675	75.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	170364	39.836	ng	96
3) Pyridine	3.56	79	420537	37.939	ng	99
4) n-Nitrosodimethylamine	3.50	42	249018	45.153	ng	99
6) Aniline	6.54	93	474756	31.147	ng	# 47
8) 2-Chlorophenol	6.67	128	470755	43.346	ng	94
9) Benzaldehyde	6.42	77	92656	9.710	ng	99
10) Phenol	6.54	94	558255	40.745	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	429098	40.483	ng	96
12) 1,3-Dichlorobenzene	6.82	146	502729	39.930	ng	98
13) 1,4-Dichlorobenzene	6.89	146	507731	39.740	ng	98
14) 1,2-Dichlorobenzene	7.05	146	464695	38.050	ng	98
15) Benzyl Alcohol	7.02	79	406349	40.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	640024	35.415	ng	98
17) 2-Methylphenol	7.14	107	354812	40.649	ng	96
18) Hexachloroethane	7.39	117	164767	36.937	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	299529	36.569	ng	99
20) 3+4-Methylphenols	7.29	107	434060	39.957	ng	91
22) Acetophenone	7.29	105	569375	34.490	ng	# 98
24) Nitrobenzene	7.46	77	485747	39.357	ng	97
25) Isophorone	7.70	82	939702	47.564	ng	99
26) 2-Nitrophenol	7.77	139	261861	43.091	ng	99
27) 2,4-Dimethylphenol	7.82	122	430166	48.957	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	578302	43.853	ng	99
29) 2,4-Dichlorophenol	8.02	162	435075	43.061	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	456678	40.972	ng	99
31) Naphthalene	8.19	128	1350100	43.616	ng	99
32) Benzoic acid	7.95	122	185687m	32.566	ng	
33) 4-Chloroaniline	8.23	127	369480	27.613	ng	98
34) Hexachlorobutadiene	8.30	225	260265	37.508	ng	99
35) Caprolactam	8.60	113	103902m	31.475	ng	
36) 4-Chloro-3-methylphenol	8.72	107	359695	35.806	ng	97
37) 2-Methylnaphthalene	8.87	142	795112	41.454	ng	99
38) 1-Methylnaphthalene	8.97	142	748607	40.693	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373883	41.464	ng	99

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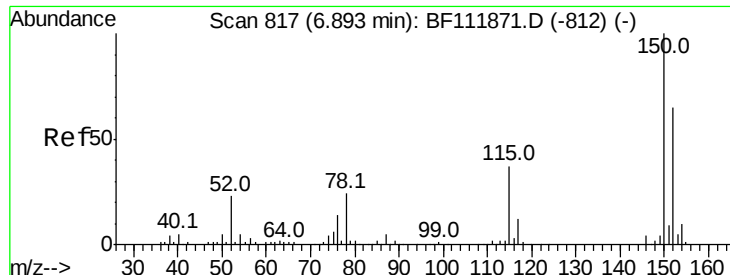
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	435629	83.555	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	255287	41.741	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	267005	41.668	nq	# 95
46) 1,1'-Biphenyl	9.34	154	966603	40.855	nq	99
47) 2-Chloronaphthalene	9.36	162	754511	40.634	nq	97
48) 2-Nitroaniline	9.46	65	232008	40.868	nq	99
49) Acenaphthylene	9.78	152	1201534	43.768	nq	99
50) Dimethylphthalate	9.64	163	881688	41.497	nq	99
51) 2,6-Dinitrotoluene	9.70	165	197134	41.490	nq	95
52) Acenaphthene	9.95	154	690887	39.038	nq	100
53) 3-Nitroaniline	9.87	138	144192	28.339	nq	97
54) 2,4-Dinitrophenol	9.98	184	155257	77.170	nq	# 87
55) Dibenzofuran	10.13	168	1057007	41.068	nq	99
56) 4-Nitrophenol	10.05	139	277621	77.219	nq	98
57) 2,4-Dinitrotoluene	10.11	165	259364	42.246	nq	99
58) Fluorene	10.47	166	825083	44.056	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	224783	41.634	nq	99
60) Diethylphthalate	10.34	149	835623	40.640	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	406658	38.721	nq	97
62) 4-Nitroaniline	10.49	138	194902	40.384	nq	98
63) Azobenzene	10.62	77	808867	41.179	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	113468	28.600	nq	100
66) n-Nitrosodiphenylamine	10.57	169	719804	33.360	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	260258	31.251	nq	99
68) Hexachlorobenzene	11.02	284	292845	31.729	nq	96
69) Atrazine	11.10	200	238406	31.448	nq	99
70) Pentachlorophenol	11.22	266	316723	60.304	nq	97
71) Phenanthrene	11.43	178	1440285	41.897	nq	99
72) Anthracene	11.49	178	1475718	42.287	nq	99
73) Carbazole	11.63	167	1316207	38.774	nq	99
74) Di-n-butylphthalate	11.96	149	1482981	37.611	nq	99
75) Fluoranthene	12.62	202	1189637	33.709	nq	100
77) Benzidine	12.73	184	442462	33.543	nq	97
78) Pyrene	12.85	202	1400192	46.096	nq	99
80) Butylbenzylphthalate	13.46	149	580514	45.205	nq	99
81) Benzo(a)anthracene	14.03	228	1127429	44.375	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	287067	30.605	nq	99
83) Chrysene	14.07	228	1040750	42.962	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	754983	44.767	nq	99
85) Di-n-octyl phthalate	14.63	149	1081864	44.826	nq	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	790149	44.740	nq	99
88) Benzo(b)fluoranthene	15.09	252	855881	48.477	nq	99
89) Benzo(k)fluoranthene	15.12	252	836563	50.408	nq	99
90) Benzo(a)pyrene	15.46	252	791755	51.002	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	644362	51.608	nq	99
92) Benzo(g,h,i)perylene	17.47	276	572291	46.862	nq	99

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



#1

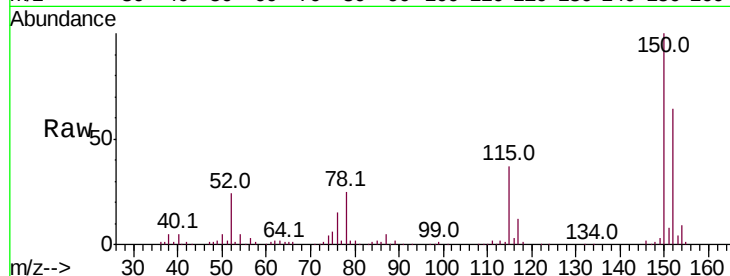
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	57.4	45.2	67.8

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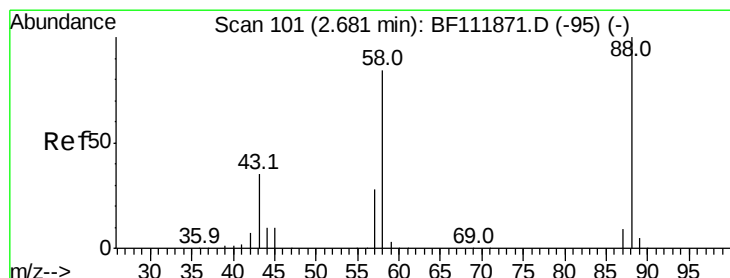
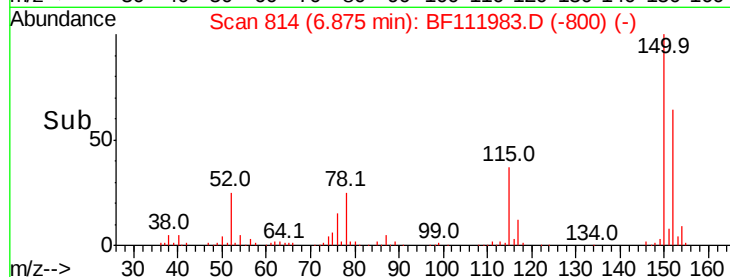
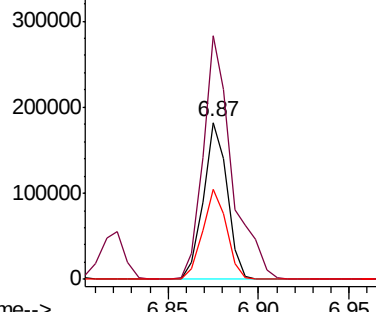


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

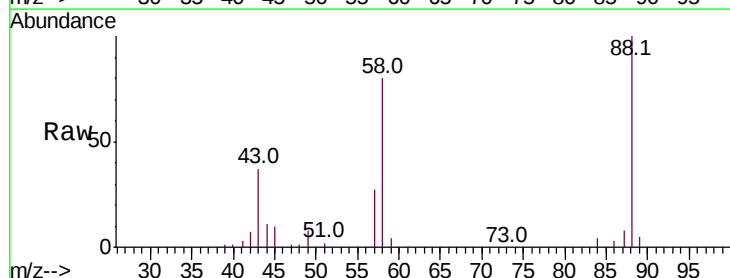
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.836 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.14 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	67.6	101.4
43	34.4	29.0	43.6

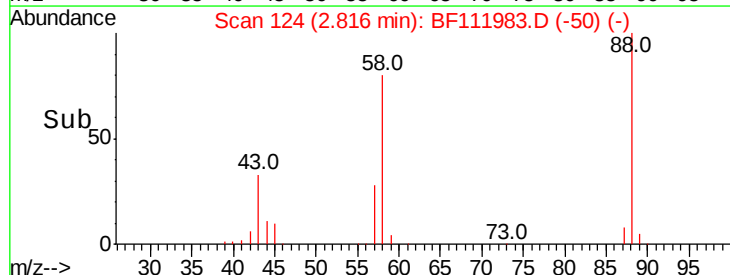
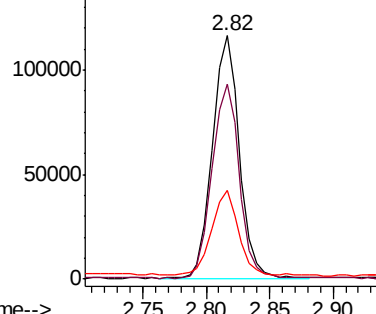


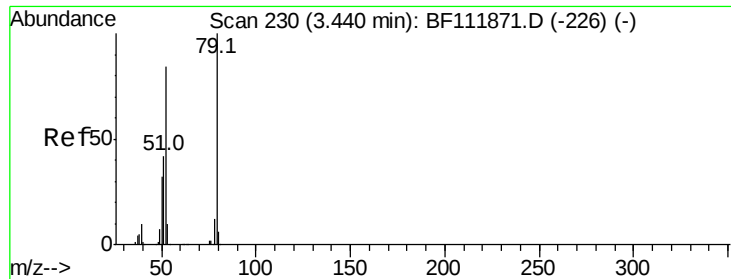
Abundance

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: 37.939 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.12 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

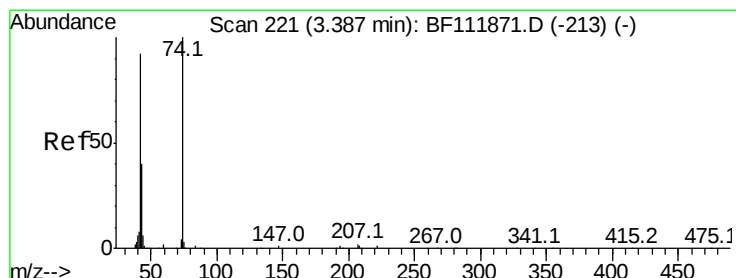
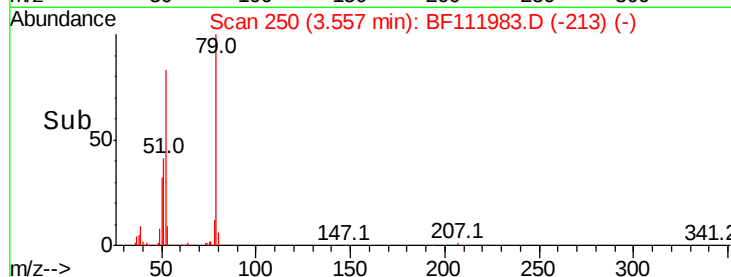
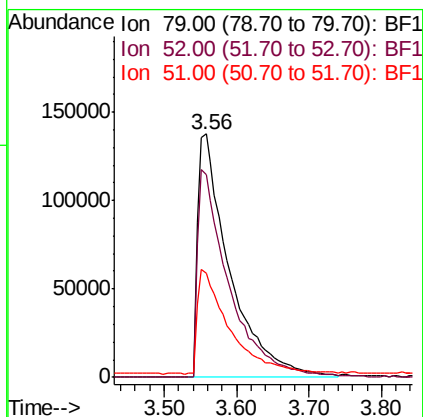
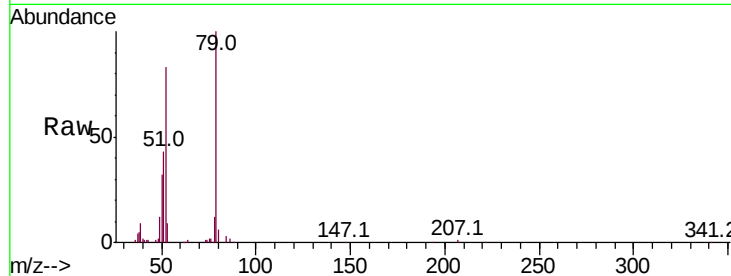
ClientSampleId :

PB116203BS

Tot Ion:	79	Resp:	420537
Ion Ratio	Lower	Upper	
79	100		
52	83.1	67.0	100.6
51	42.5	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 45.153 ng

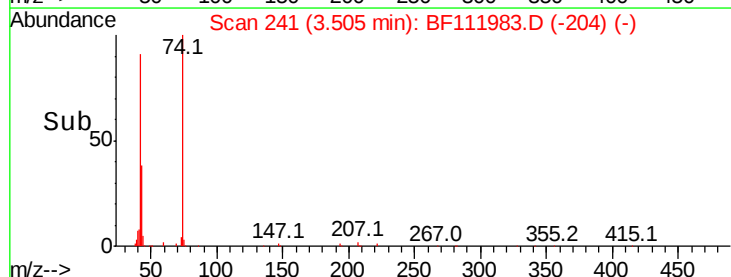
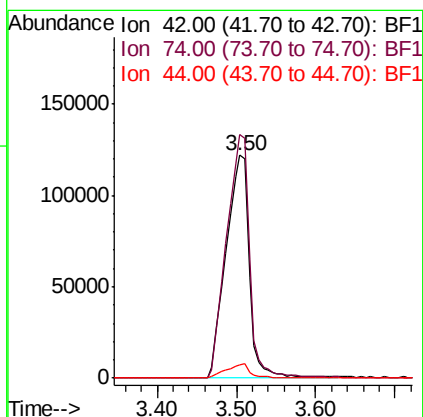
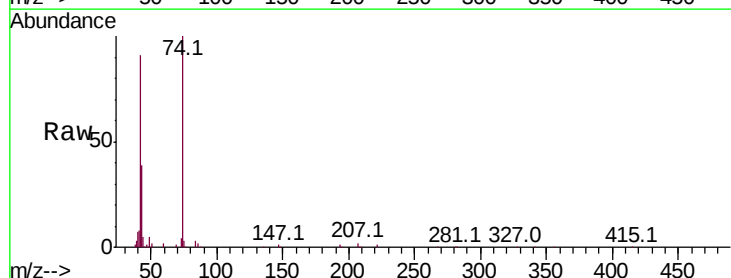
RT: 3.50 min Scan# 241

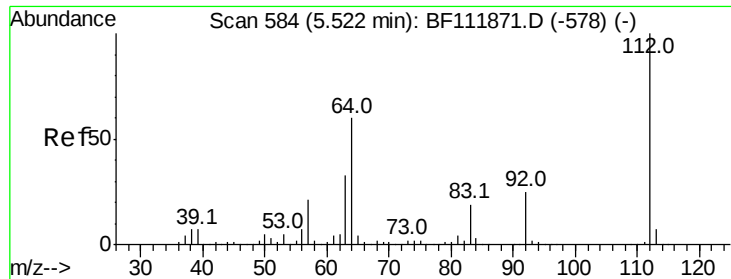
Delta R.T. 0.12 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	42	Resp:	249018
Ion Ratio	Lower	Upper	
42	100		
74	109.4	87.0	130.6
44	5.7	5.5	8.3





#5

2-Fluorophenol

Concen: 116.580 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

PB116203BS

Tot Ion:112 Resp: 1140227

Ion Ratio Lower Upper

112 100

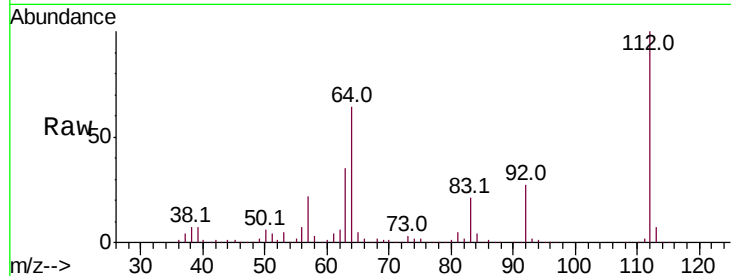
64 64.4 48.3 72.5

63 35.4 26.1 39.1

Manual Integrations
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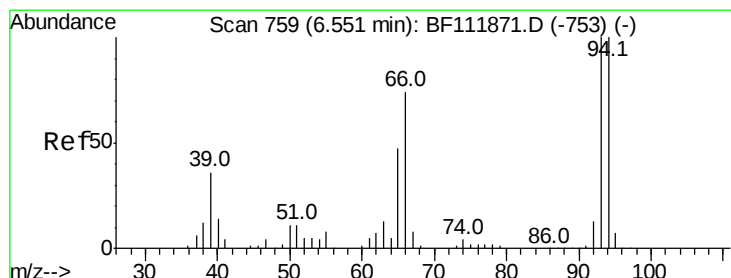
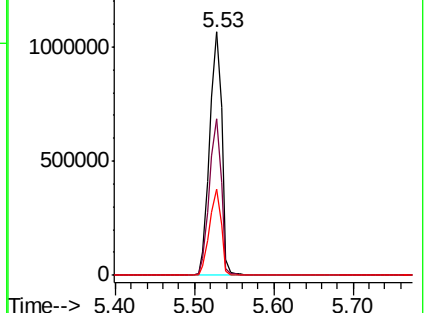
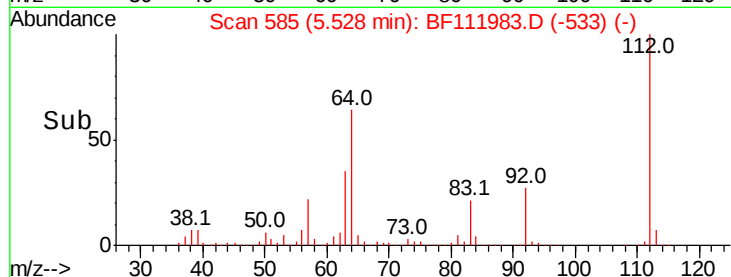
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.147 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

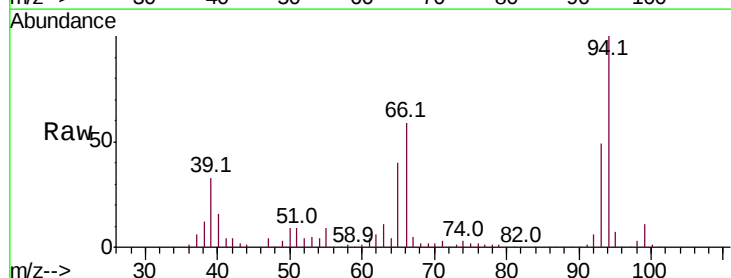
Tgt Ion: 93 Resp: 474756

Ion Ratio Lower Upper

93 100

66 120.3 60.0 90.0#

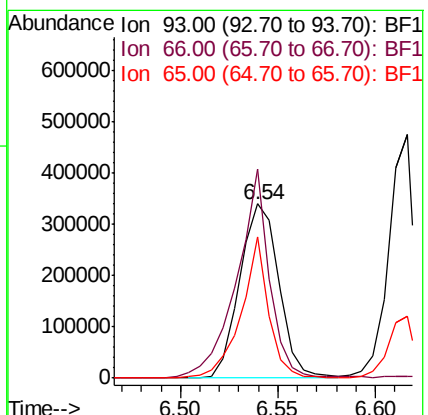
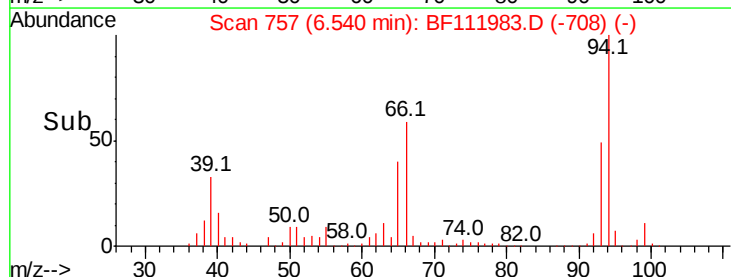
65 81.3 37.5 56.3#

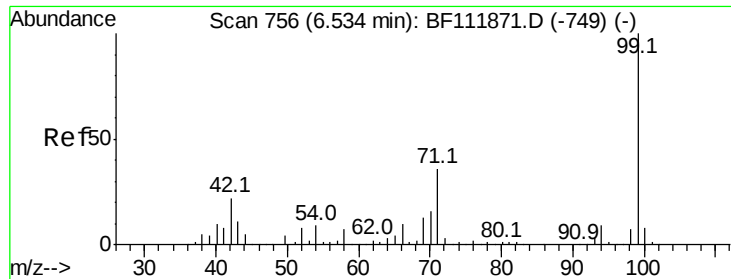


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.179 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampled :

PB116203BS

Tot Ion: 99 Resp: 1578024

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

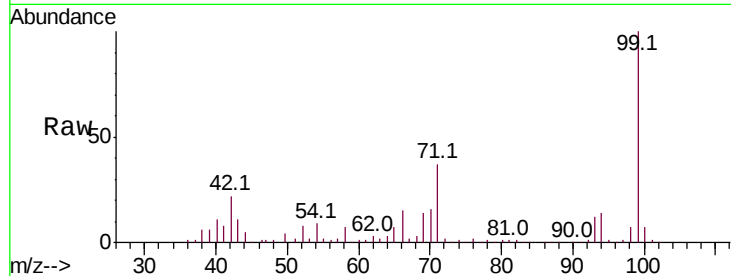
71 36.5 28.7 43.1

Manual Integrations

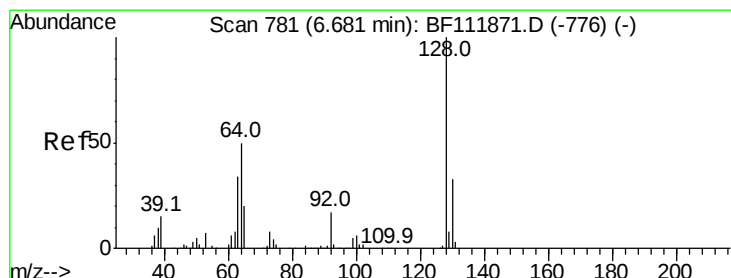
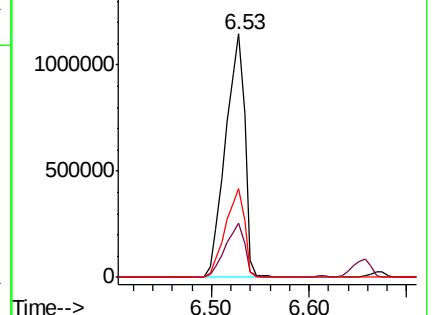
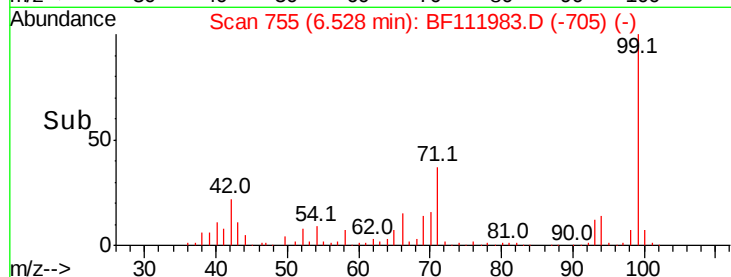
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.346 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

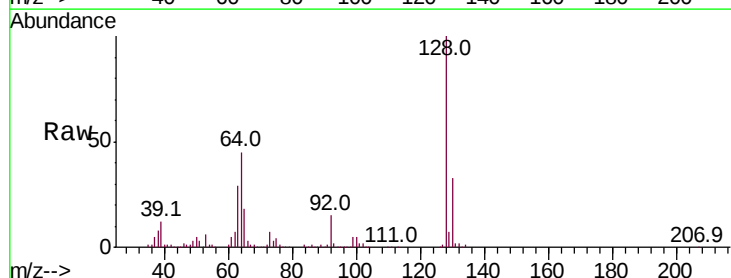
Tgt Ion:128 Resp: 470755

Ion Ratio Lower Upper

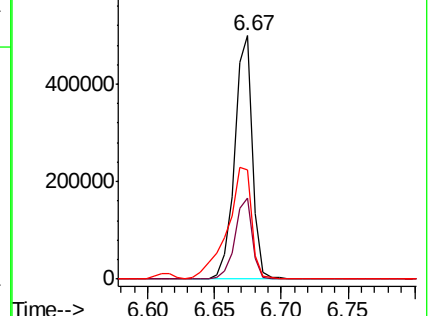
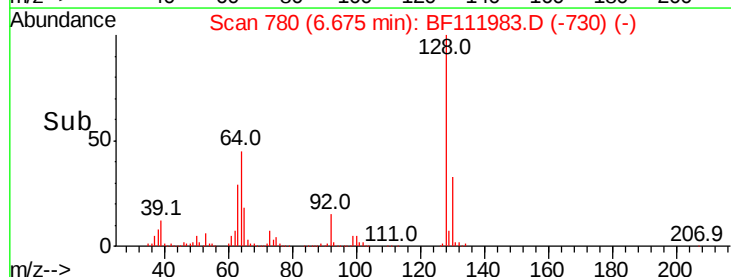
128 100

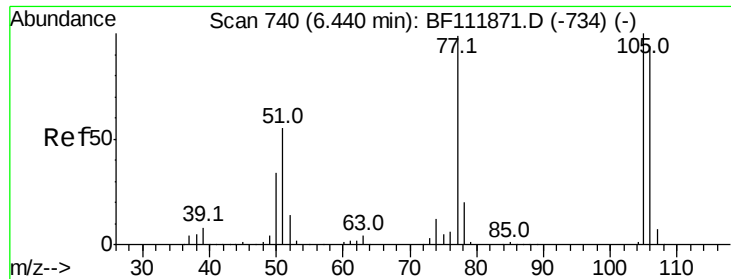
130 33.2 12.7 52.7

64 44.8 31.8 71.8



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





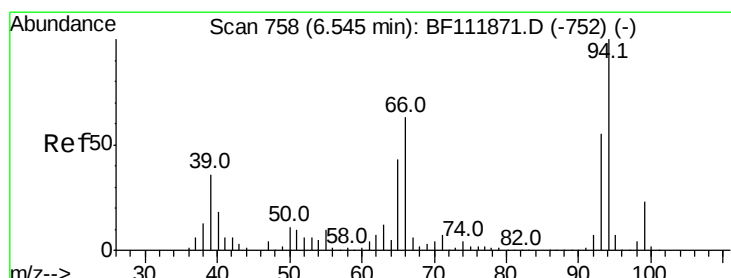
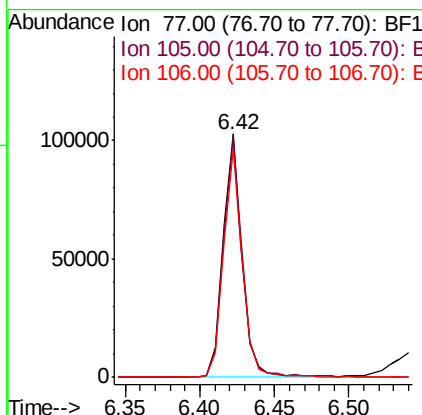
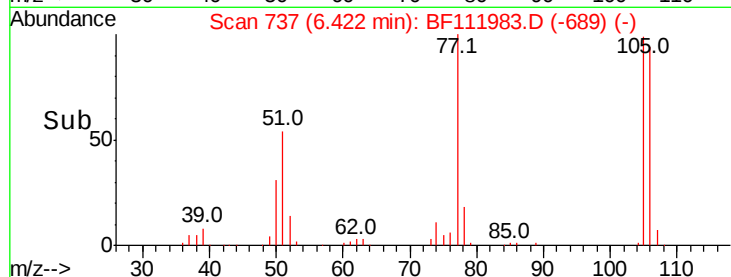
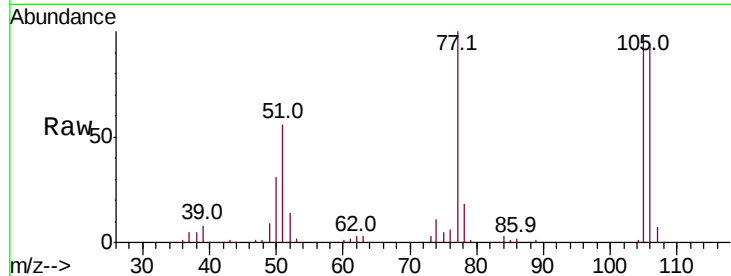
#9
Benzaldehyde
Concen: 9.710 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :
PB116203BS

Tot Ion: 77 Resp: 92656
Ion Ratio Lower Upper
77 100
105 98.5 80.6 120.6
106 93.9 74.6 114.6

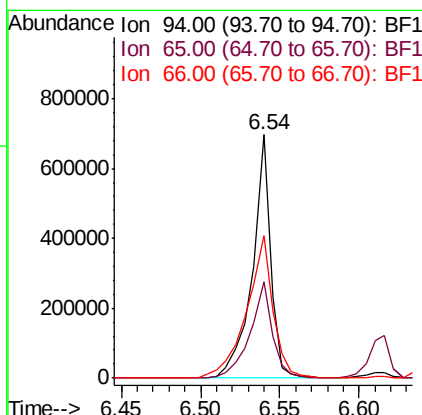
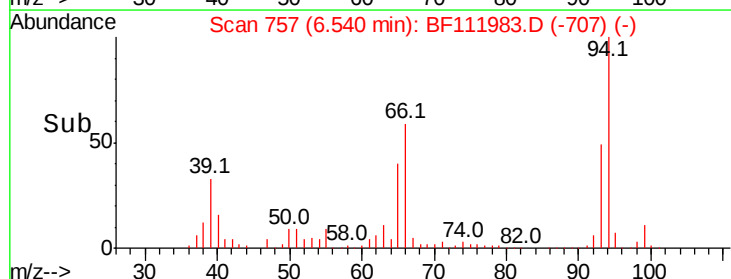
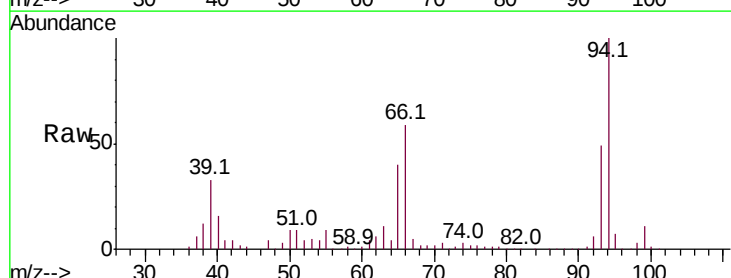
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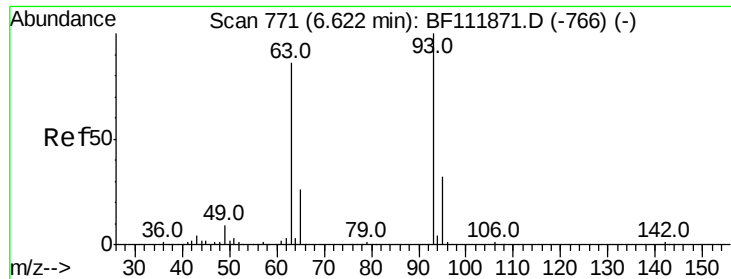
Sohil
1/11/2019 4:42:50 PM



#10
Phenol
Concen: 40.745 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion: 94 Resp: 558255
Ion Ratio Lower Upper
94 100
65 39.7 22.8 62.8
66 58.7 43.3 83.3





#11

bis(2-Chloroethyl)ether

Concen: 40.483 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

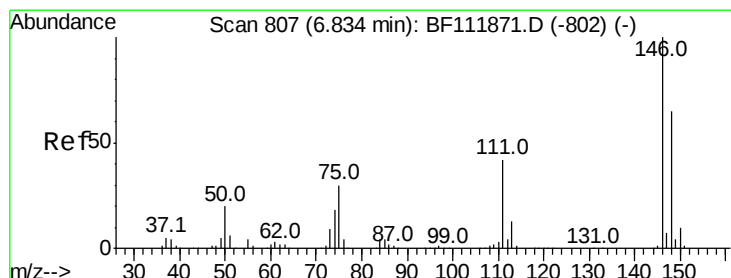
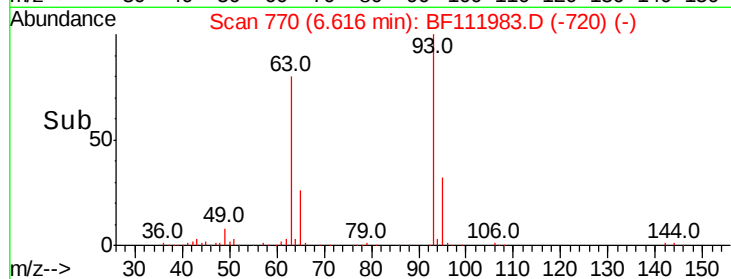
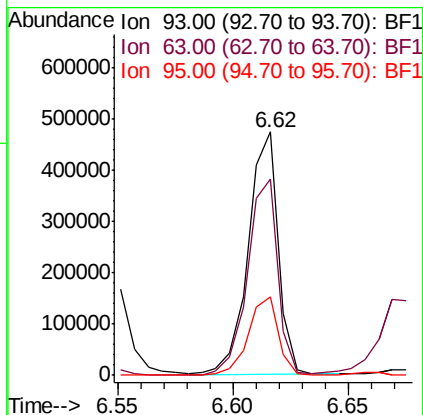
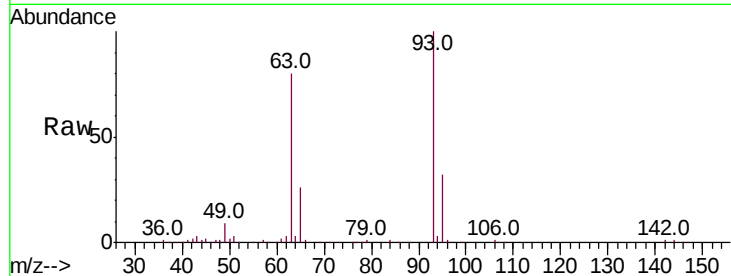
ClientSampleId :

PB116203BS

Tot Ion:	93	Resp:	429098
Ion Ratio	Lower	Upper	
93	100		
63	80.4	65.2	105.2
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.930 ng

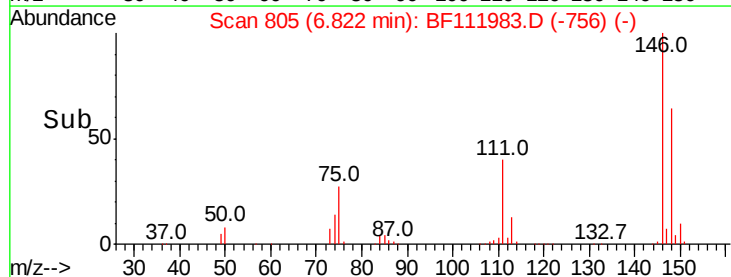
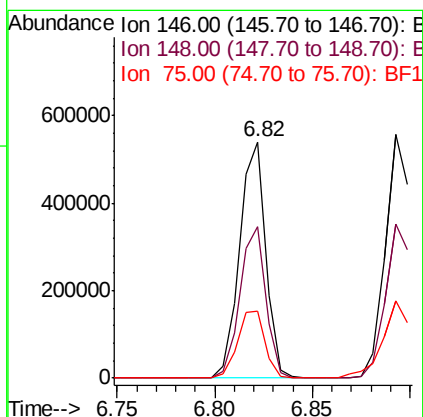
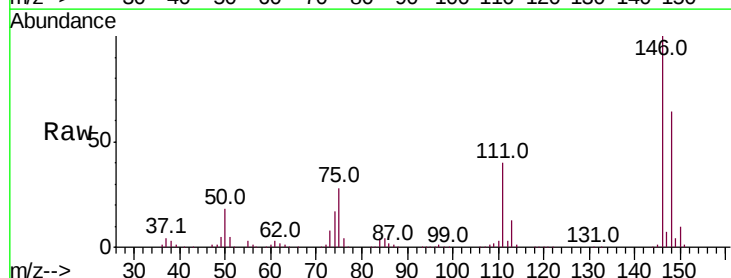
RT: 6.82 min Scan# 805

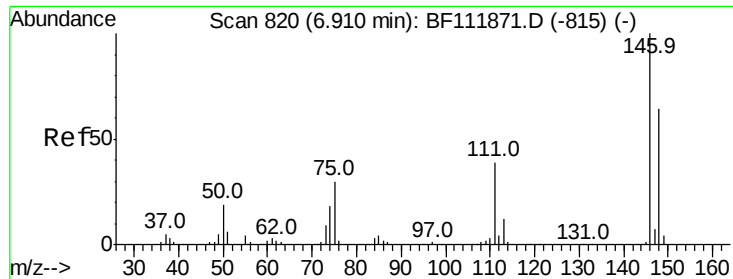
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	146	Resp:	502729
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	28.4	24.3	36.5





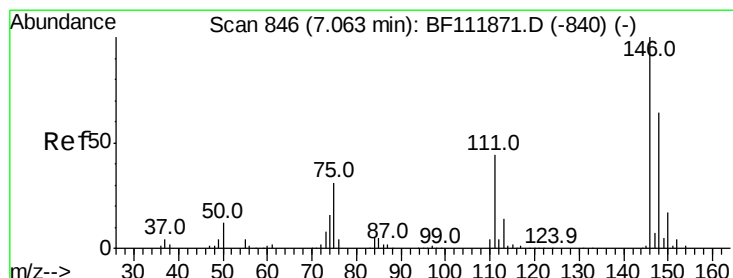
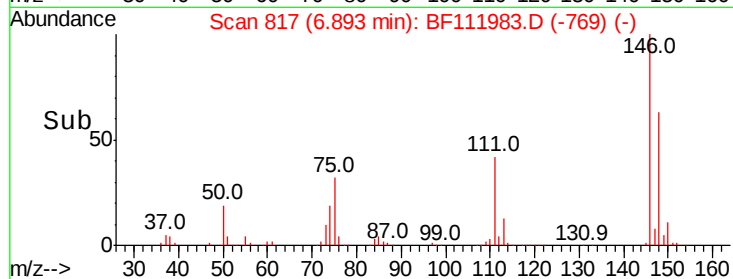
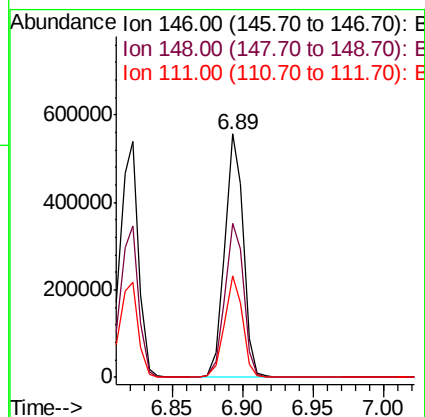
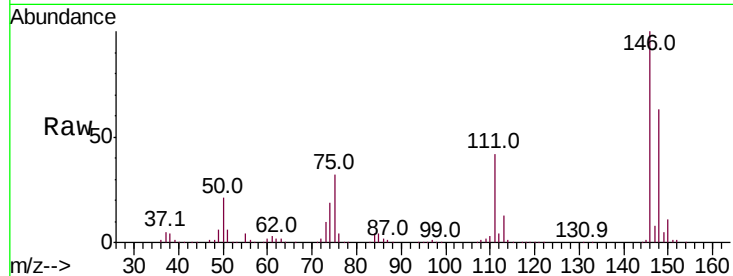
#13
 1,4-Dichlorobenzene
 Concen: 39.740 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
111	41.7	31.5	47.3

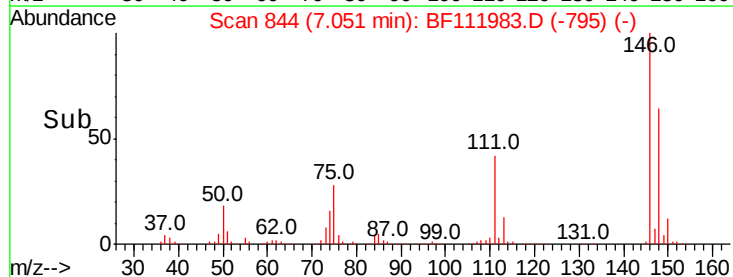
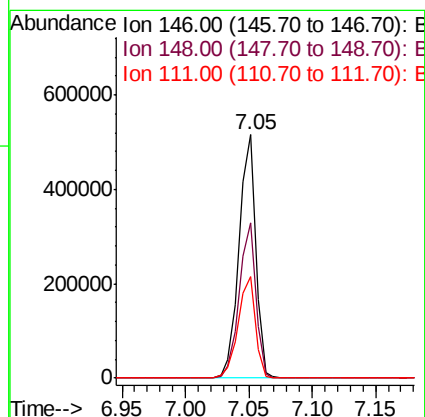
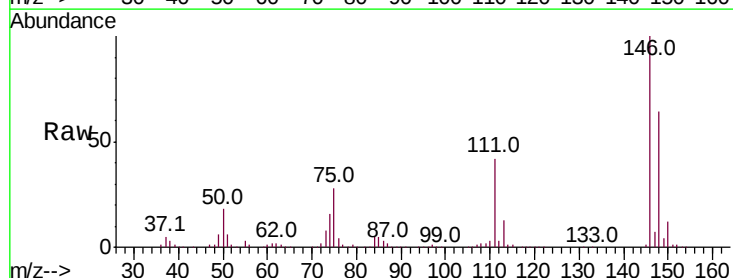
Manual Integrations
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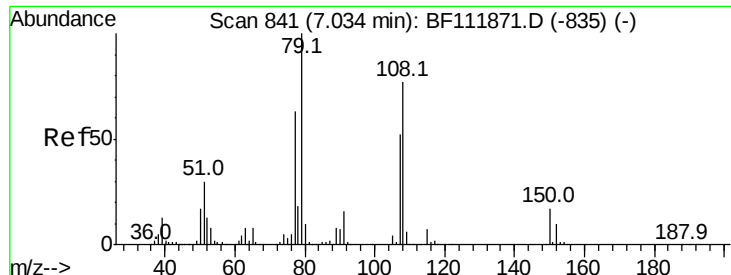
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#14
 1,2-Dichlorobenzene
 Concen: 38.050 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	41.7	35.5	53.3





#15

Benzyl Alcohol

Concen: 40.740 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

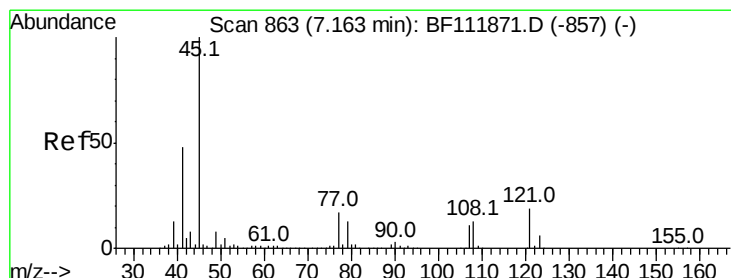
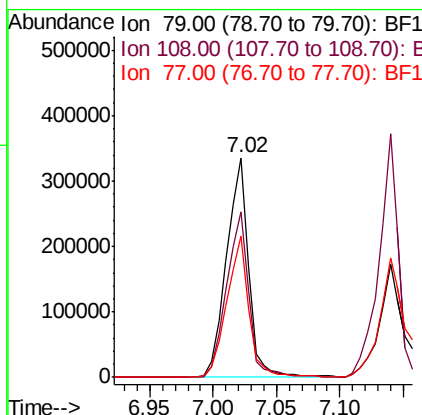
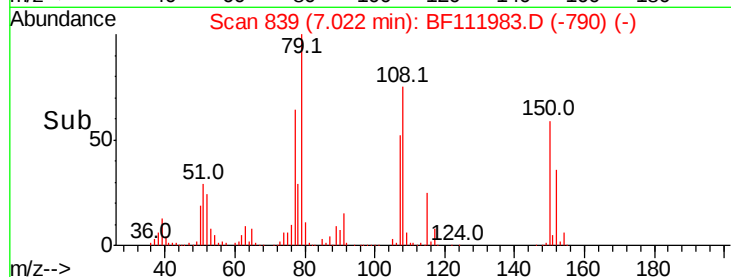
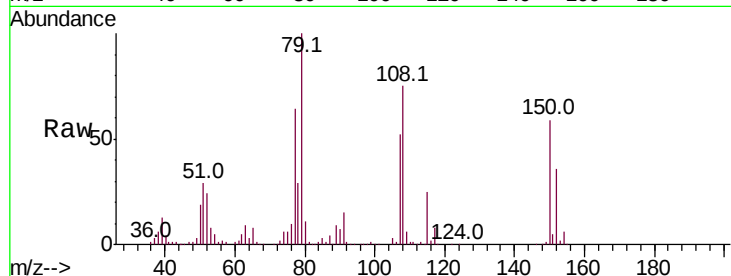
ClientSampled :

PB116203BS

Tot Ion:	79	Resp:	406349
Ion Ratio	Lower	Upper	
79	100		
108	75.0	61.4	92.0
77	64.0	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.415 ng

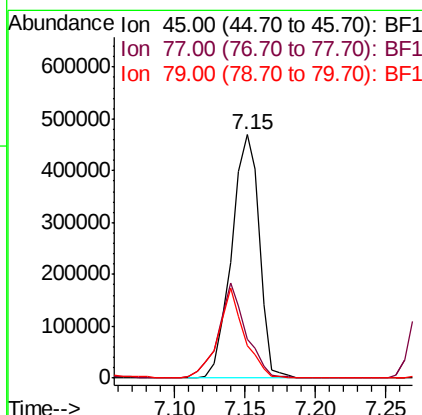
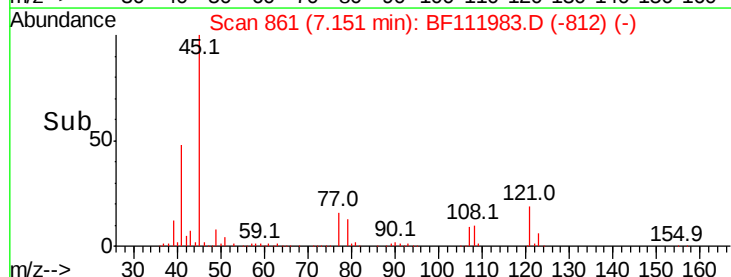
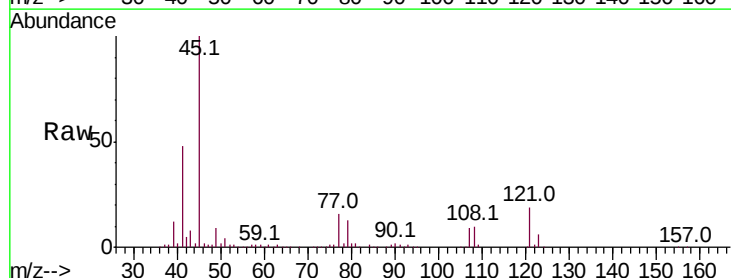
RT: 7.15 min Scan# 861

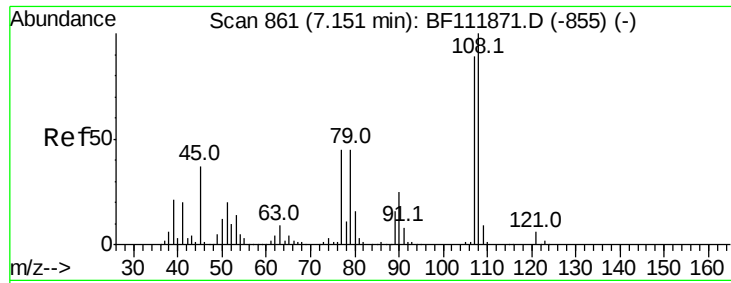
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	45	Resp:	640024
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	37.1
79	13.3	0.0	33.9





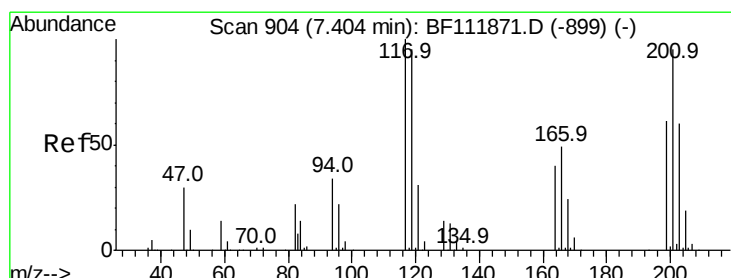
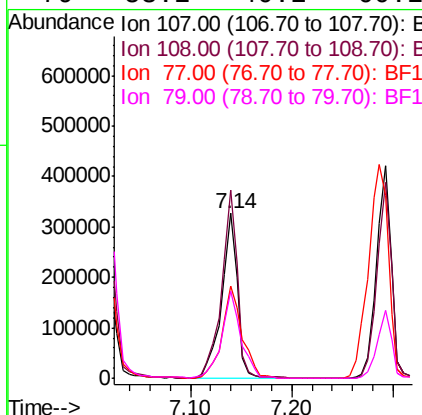
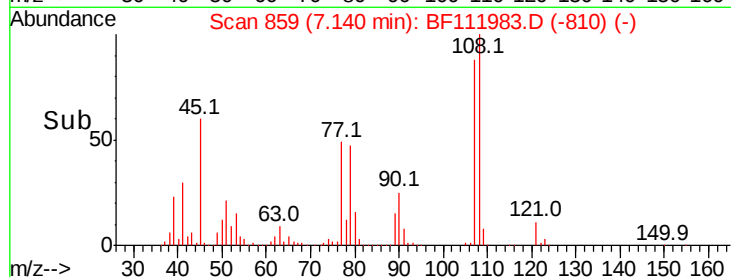
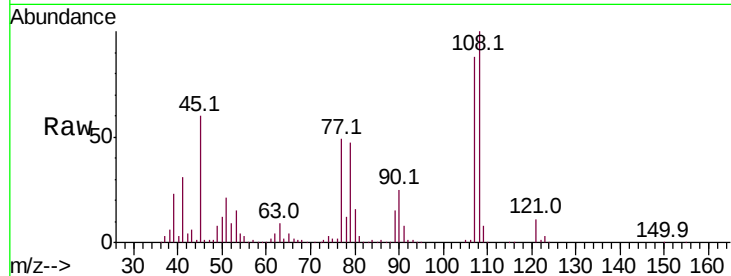
#17
2-Methylphenol
Concen: 40.649 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleID :
PB116203BS

Tot Ion:	107	Resp:	354812
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.7	134.5
77	56.0	40.6	60.8
79	53.2	40.2	60.2

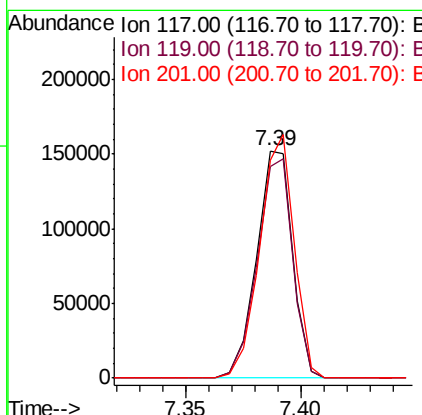
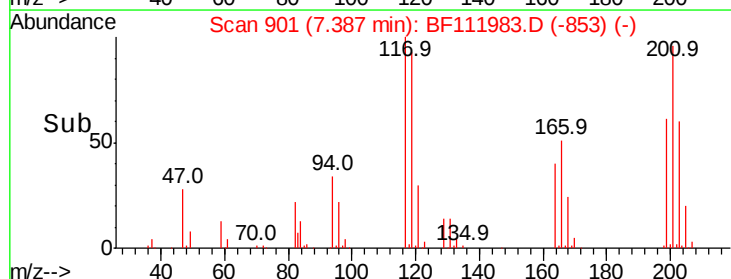
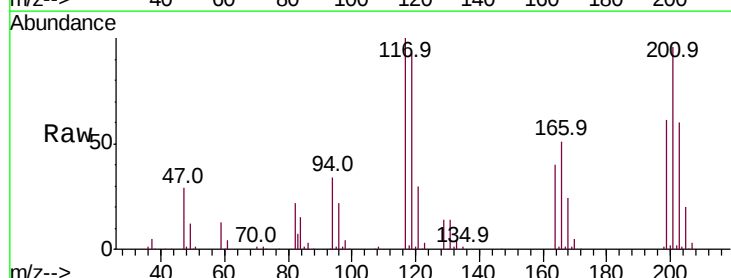
Manual Integrations
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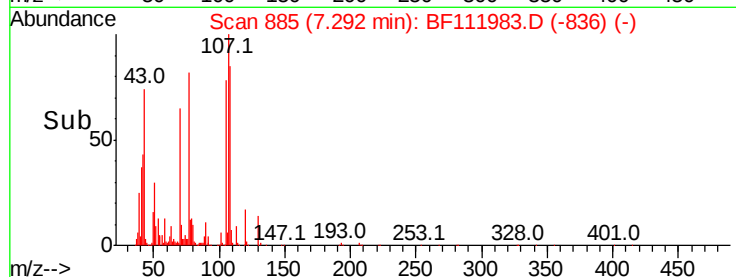
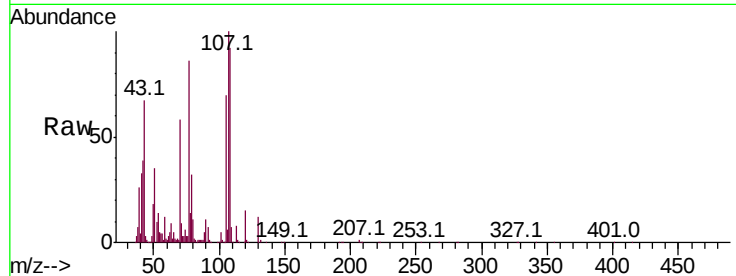
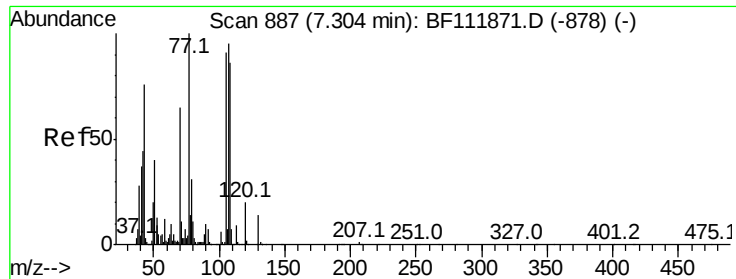
Sohil
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#18
Hexachloroethane
Concen: 36.937 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:	117	Resp:	164767
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.2
201	95.8	75.7	113.5





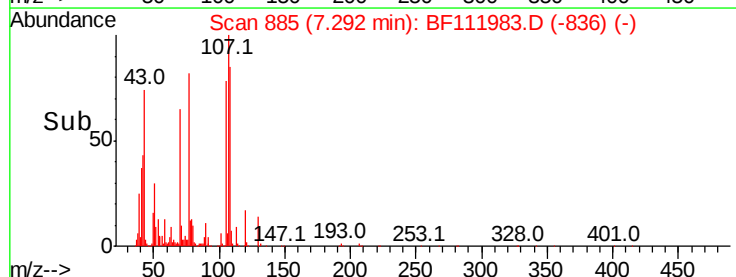
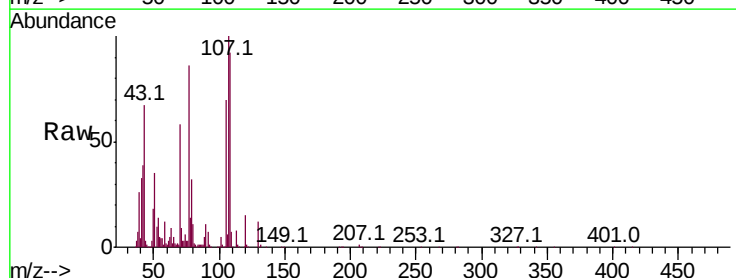
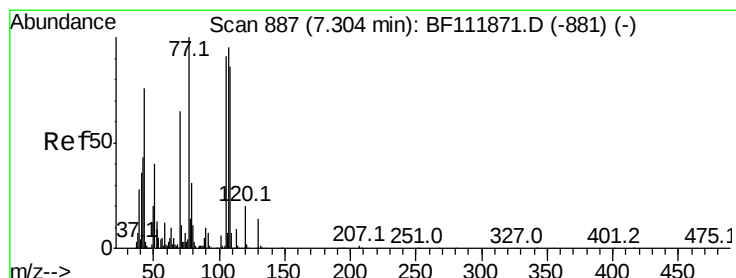
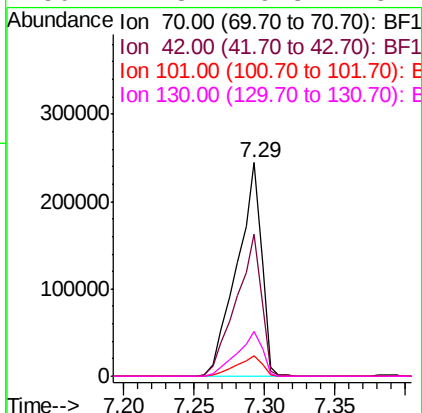
#19
n-Nitroso-di-n-propylamine
Concen: 36.569 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100	299529		
42	66.6	53.6	80.4	
101	9.4	7.3	10.9	
130	21.3	16.8	25.2	

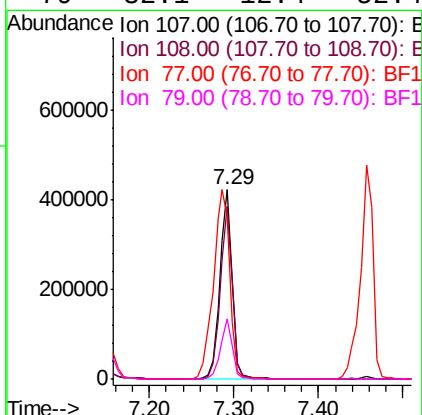
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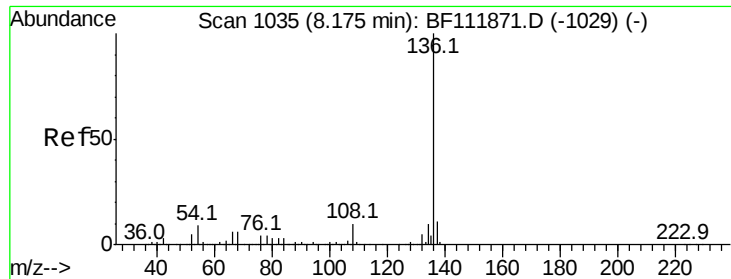
Sohil
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#20
3+4-Methylphenols
Concen: 39.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	434060		
108	91.8	71.1	111.1	
77	86.3	85.4	125.4	
79	32.1	12.4	52.4	





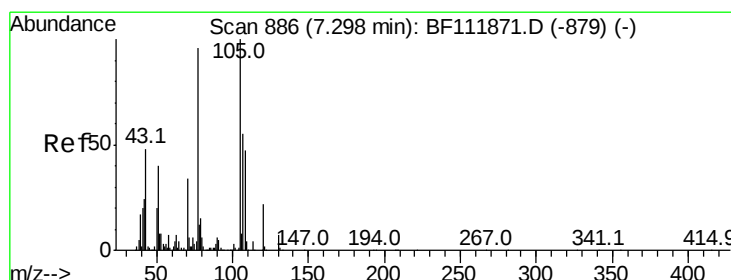
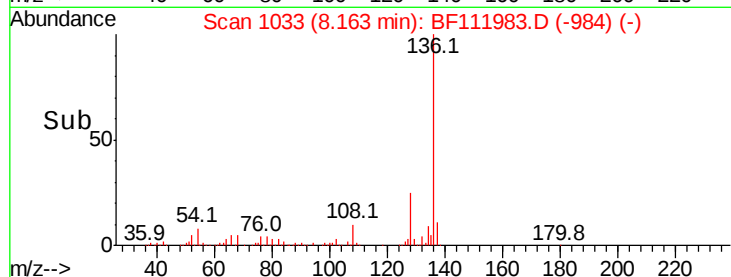
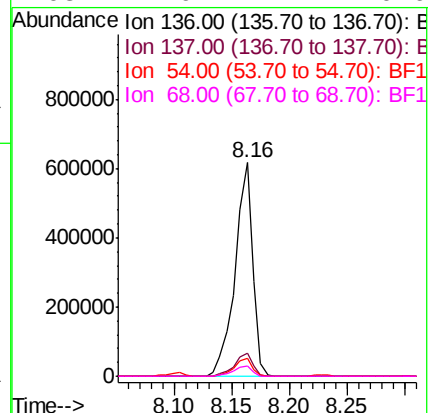
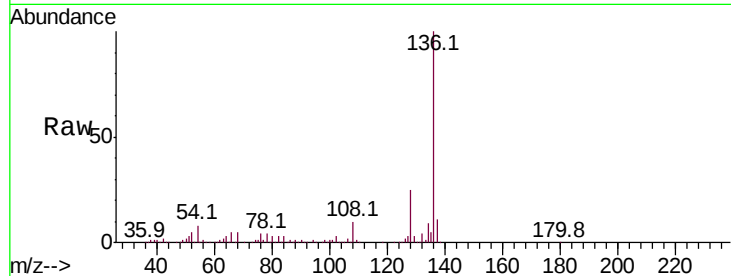
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	652067		
137	10.9		9.1	13.7
54	8.2		7.2	10.8
68	4.9		4.4	6.6

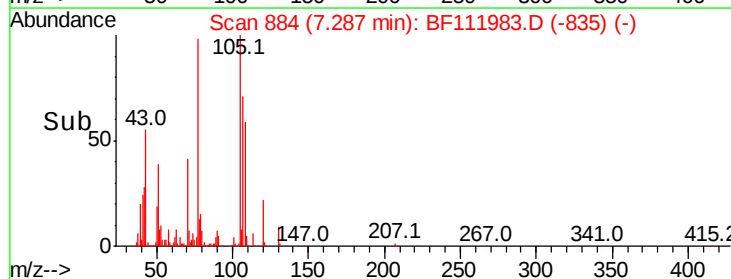
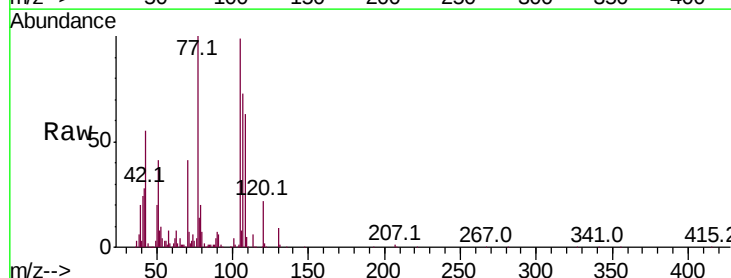
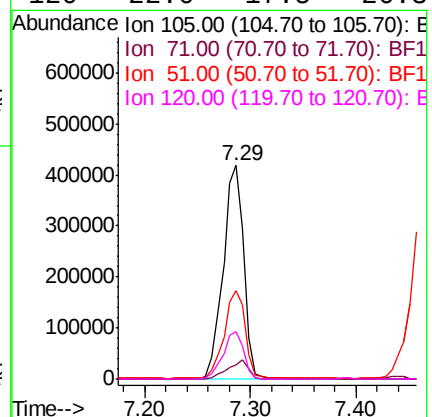
Manual Integrations
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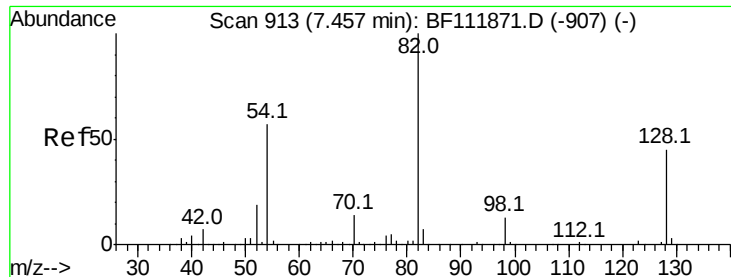
Sohil
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#22
Acetophenone
Concen: 34.490 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	569375		
71	6.9		4.6	6.8#
51	41.4		32.2	48.2
120	22.0		17.5	26.3





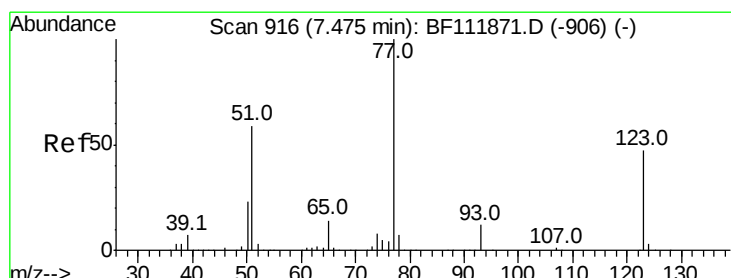
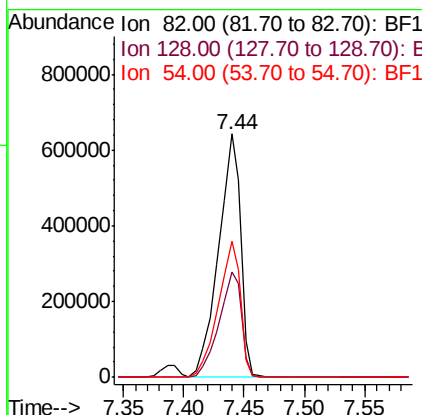
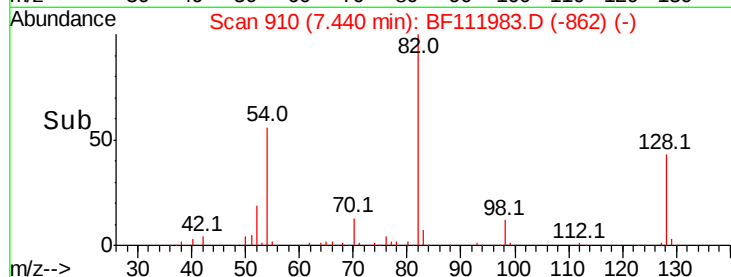
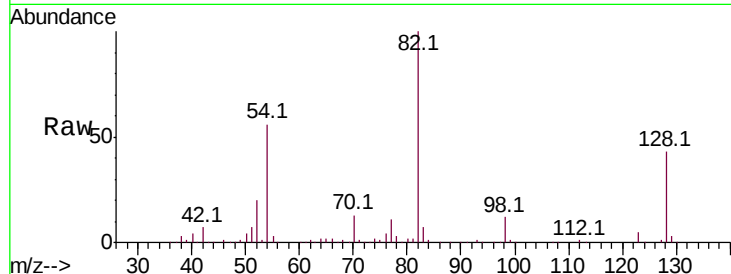
#23
Nitrobenzene-d5
Concen: 66.159 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	56.1	45.8	68.8

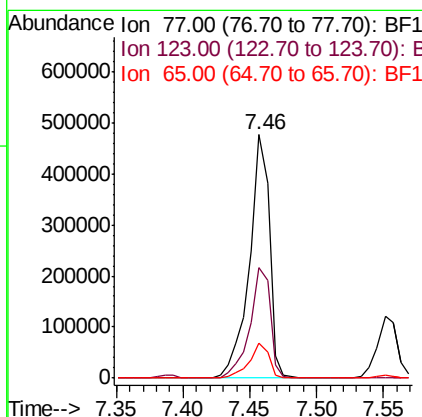
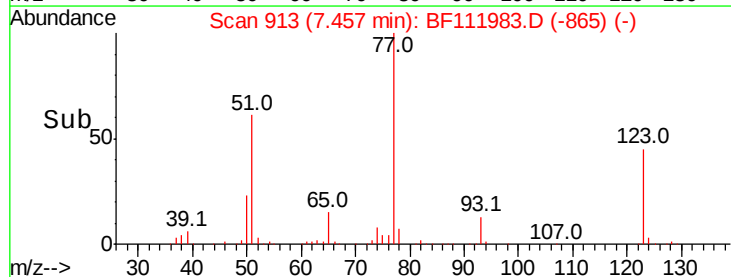
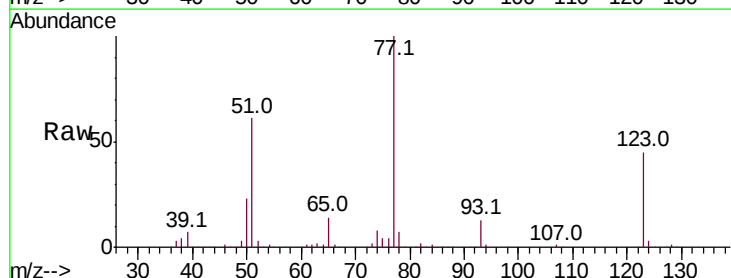
Manual Integrations
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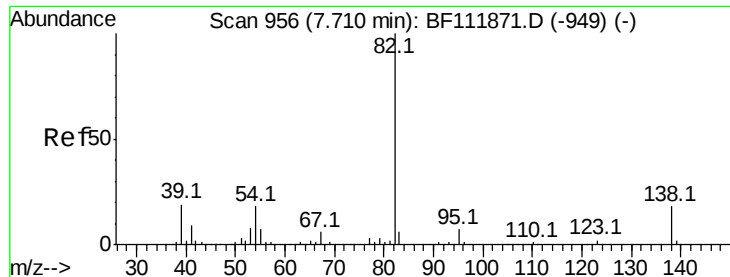
Sohil
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#24
Nitrobenzene
Concen: 39.357 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	38.1	57.1
65	14.4	11.0	16.4





#25

Isophorone

Concen: 47.564 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

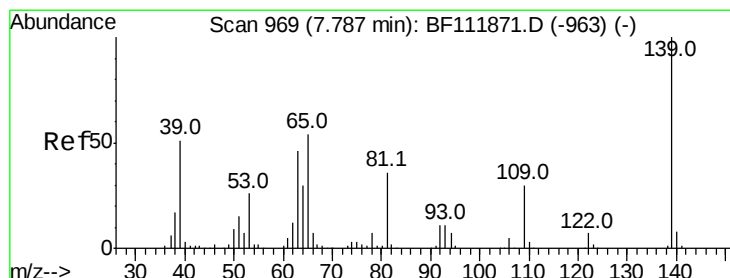
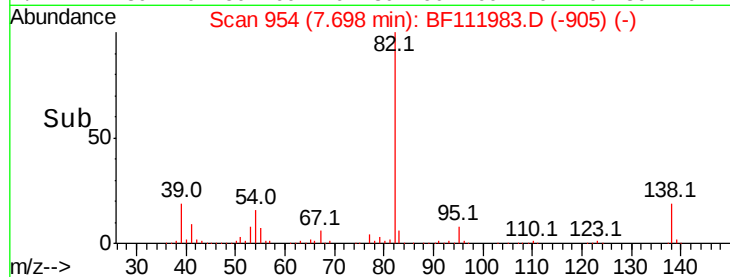
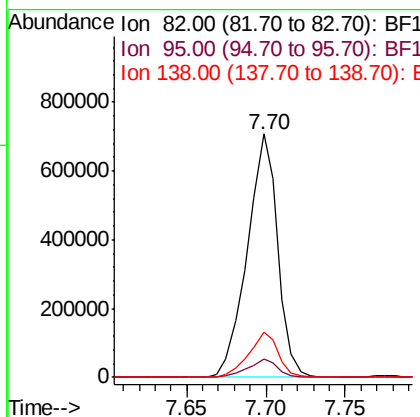
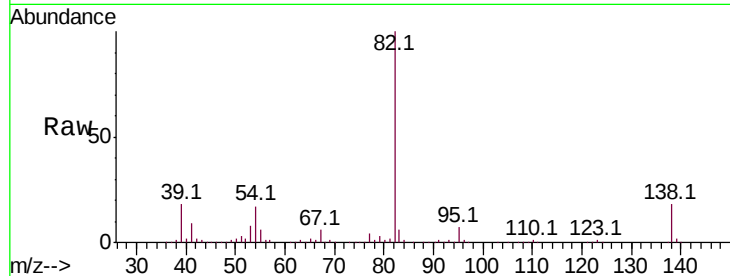
ClientSampleId :

PB116203BS

Tot Ion:	82	Resp:	939702
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	18.4	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.091 ng

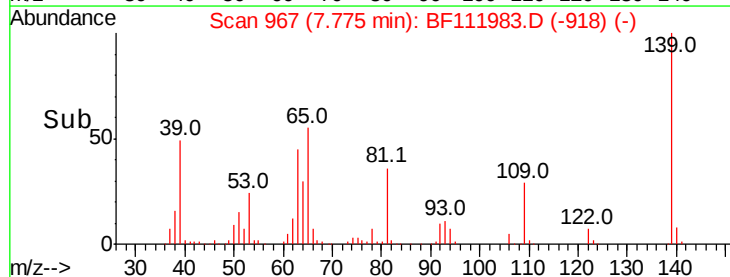
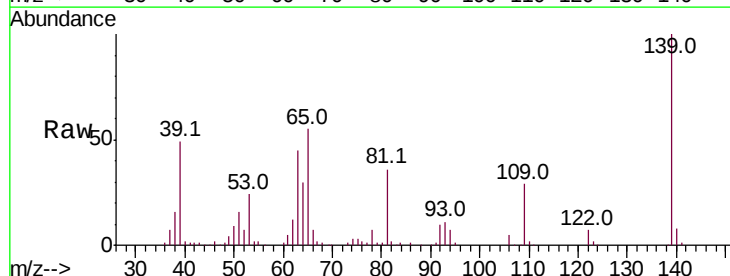
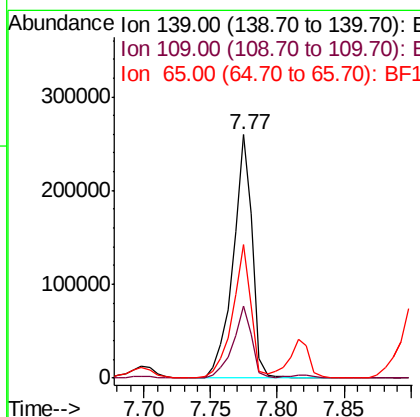
RT: 7.77 min Scan# 967

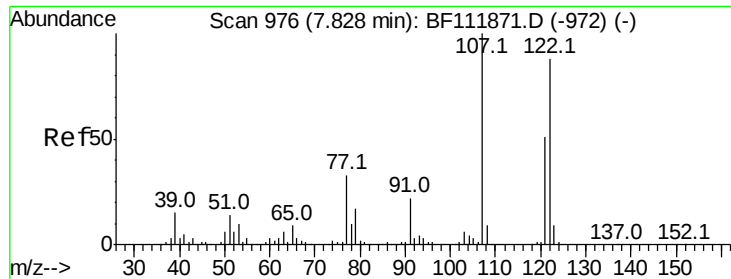
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	139	Resp:	261861
Ion Ratio	Lower	Upper	
139	100		
109	29.5	24.1	36.1
65	54.9	43.6	65.4





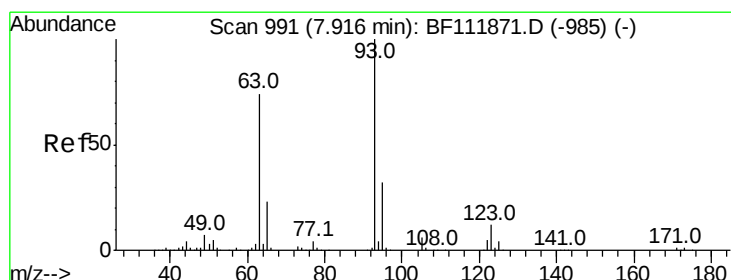
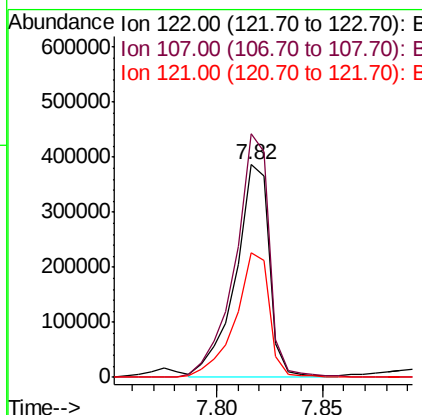
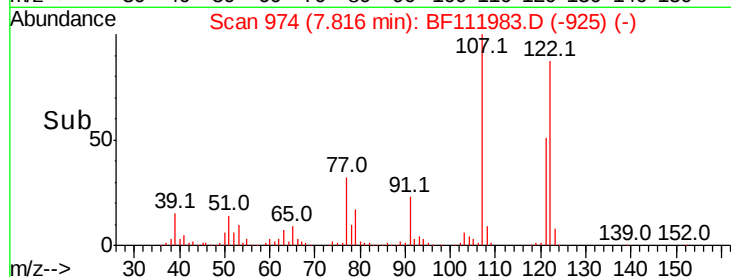
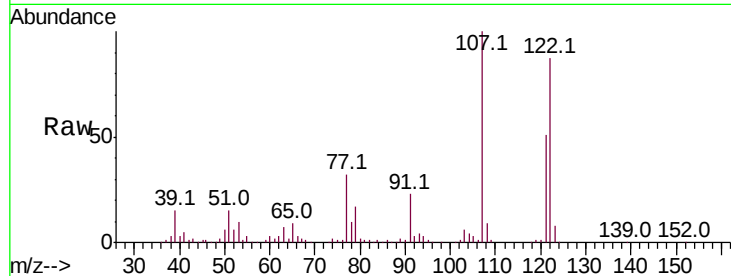
#27
2,4-Dimethylphenol
Concen: 48.957 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.0	136.6
121	58.7	46.8	70.2

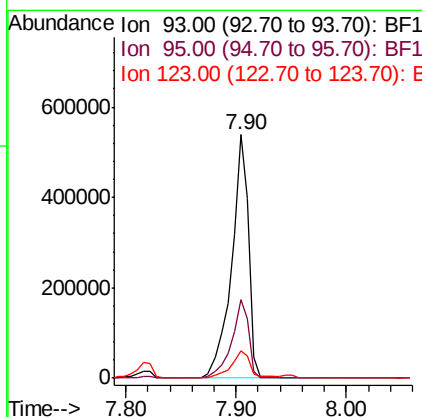
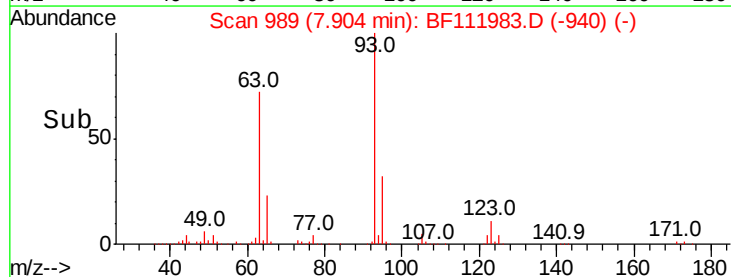
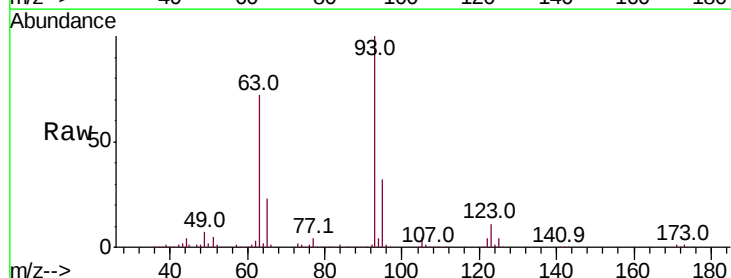
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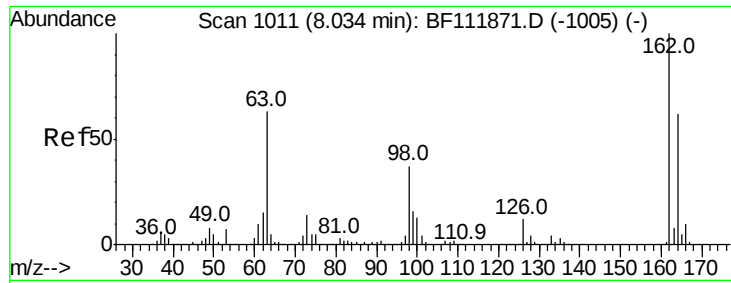
Sohil
1/11/2019 4:42:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.853 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.3	9.5	14.3





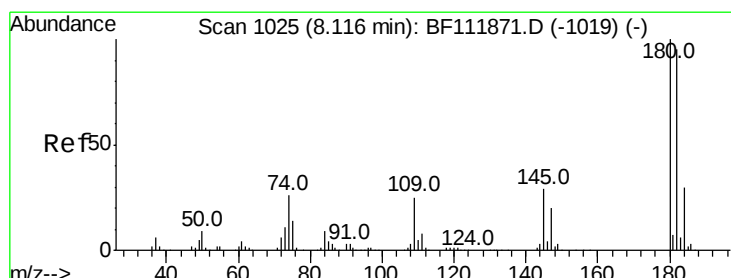
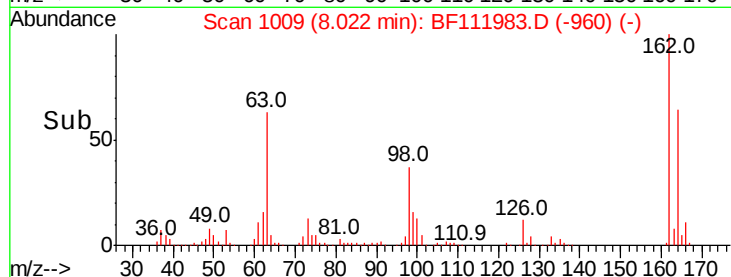
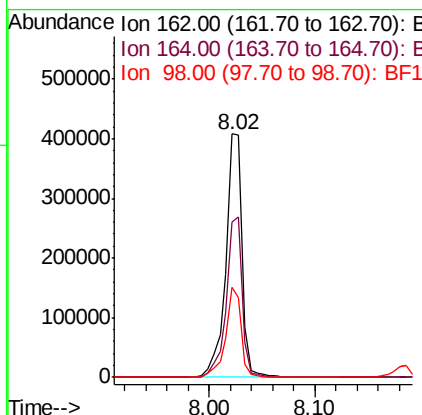
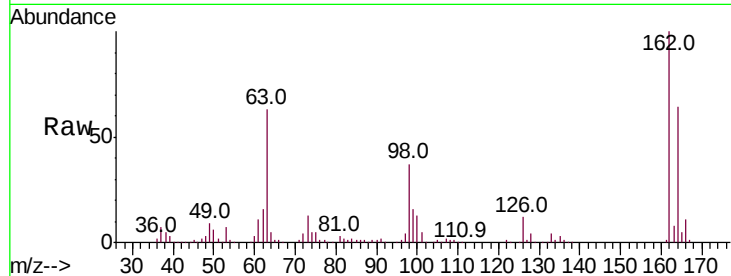
#29
 2,4-Dichlorophenol
 Concen: 43.061 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleID :
 PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	435075		
164	63.9	42.1	82.1	
98	36.9	17.2	57.2	

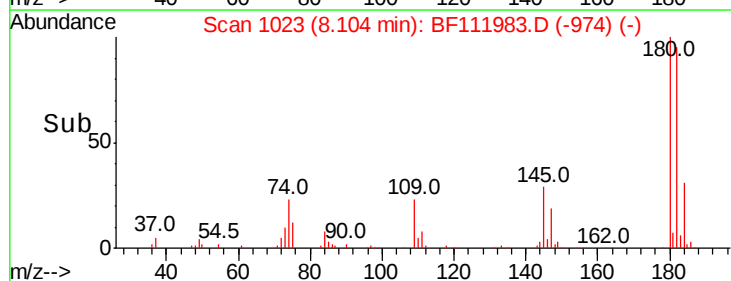
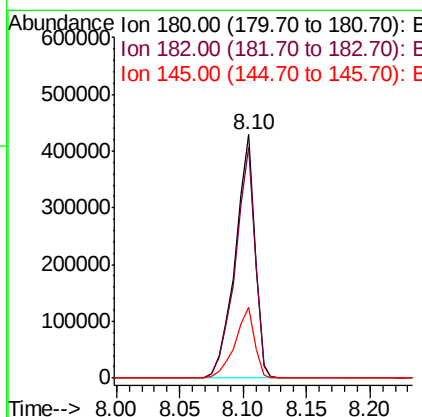
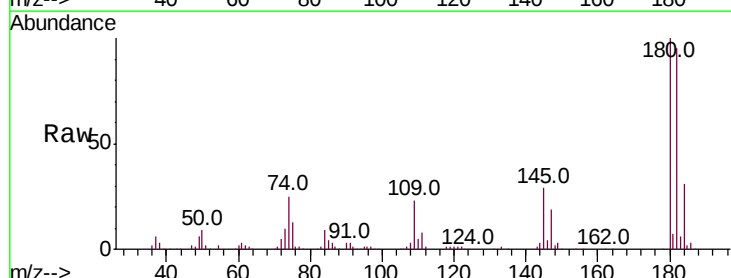
Manual Integrations
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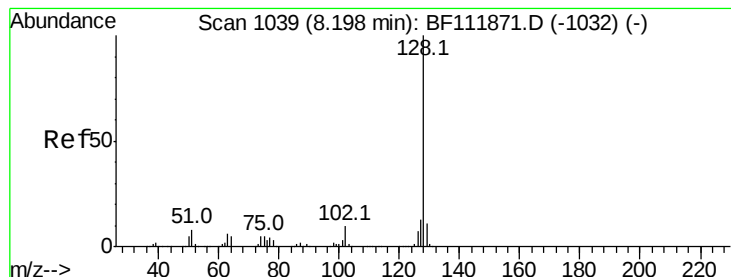
Sohil
 1/11/2019 4:42:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.972 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	456678		
182	94.7	76.2	114.4	
145	29.1	23.4	35.2	





#31

Naphthalene

Concen: 43.616 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion:128 Resp: 1350100

Ion Ratio Lower Upper

128 100

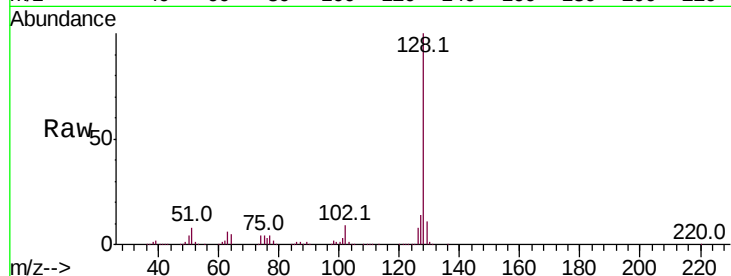
129 11.0 9.0 13.4

127 13.7 10.7 16.1

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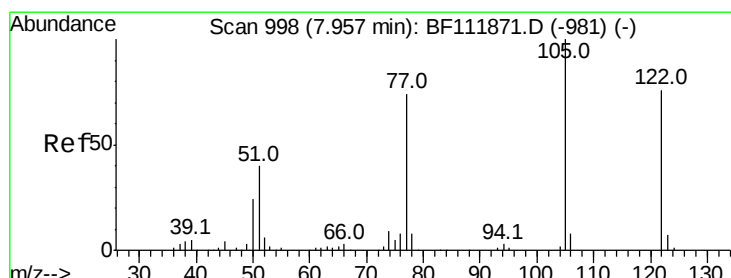
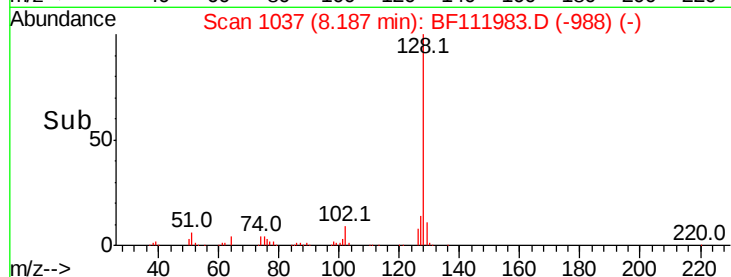
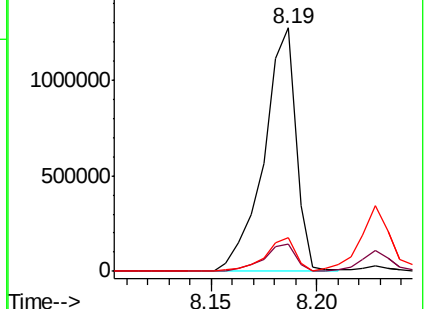
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.566 ng m

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

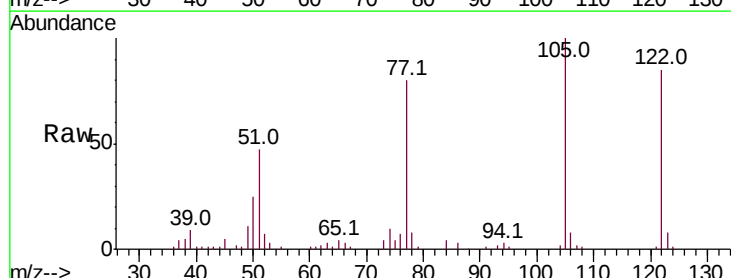
Tgt Ion:122 Resp: 185687

Ion Ratio Lower Upper

122 100

105 118.1 107.9 147.9

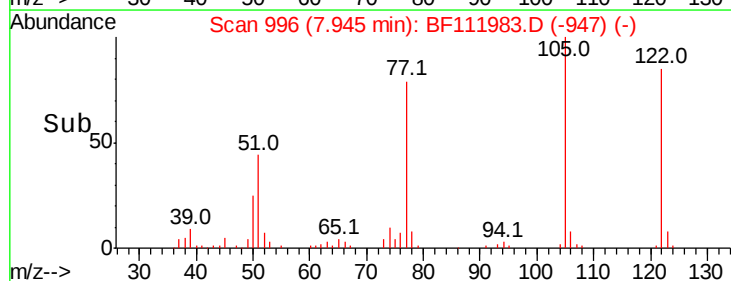
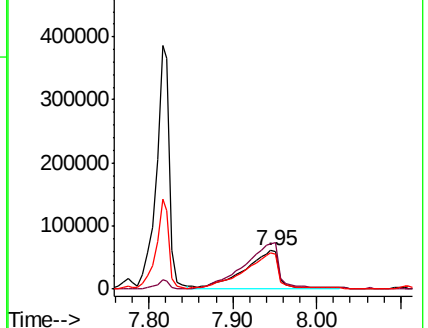
77 94.4 76.6 116.6

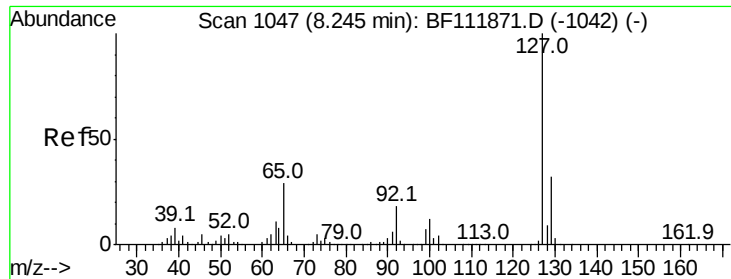


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





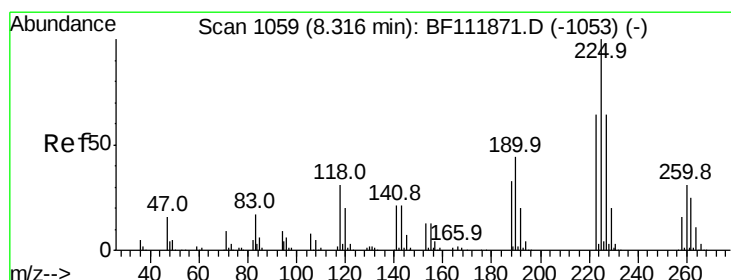
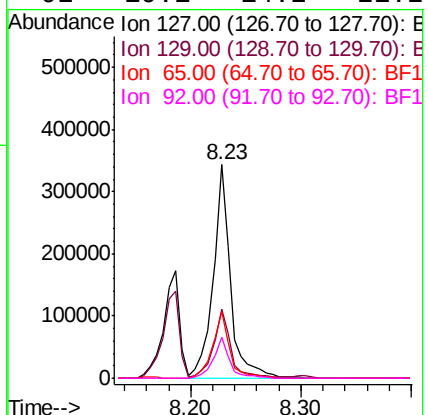
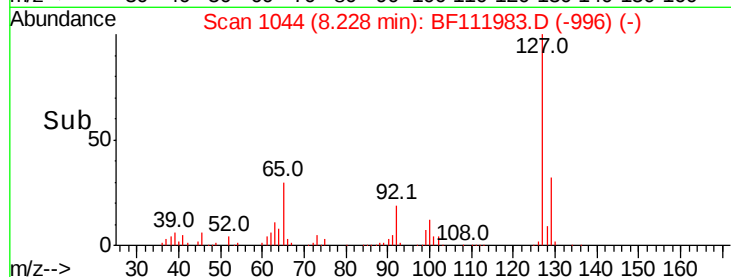
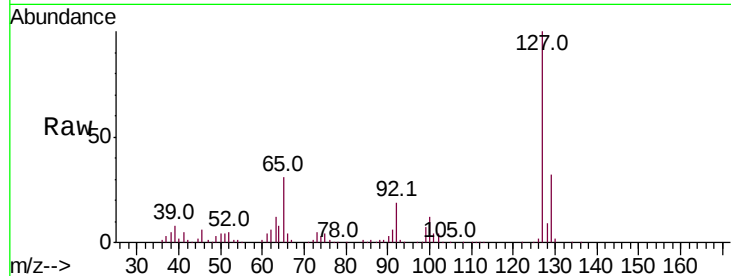
#33
4-Chloroaniline
Concen: 27.613 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.8	38.6	
65	31.3	23.5	35.3	
92	19.1	14.2	21.2	

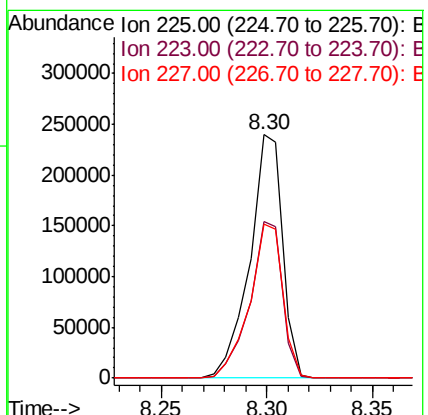
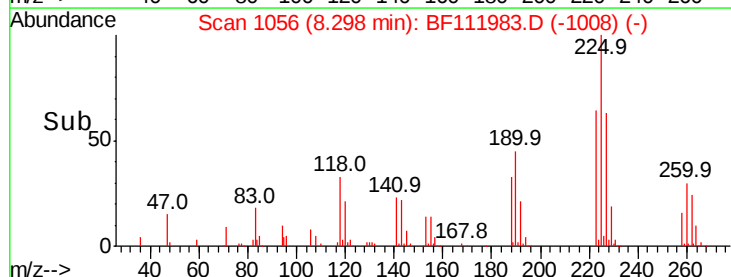
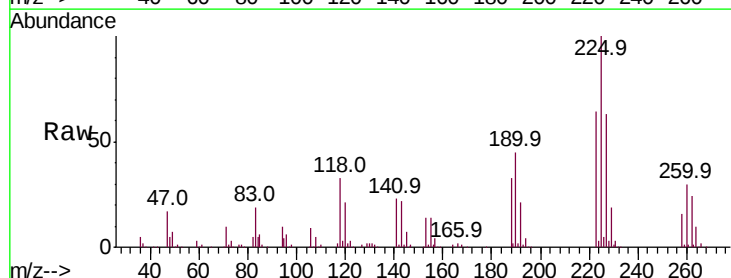
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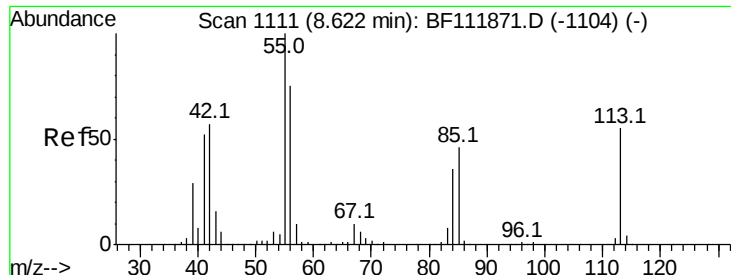
Sohil
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#34
Hexachlorobutadiene
Concen: 37.508 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.9	76.3	
227	63.1	51.4	77.0	





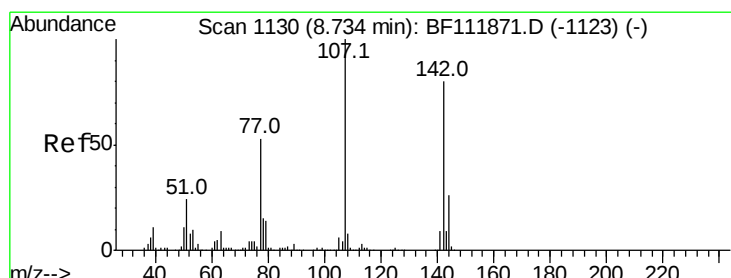
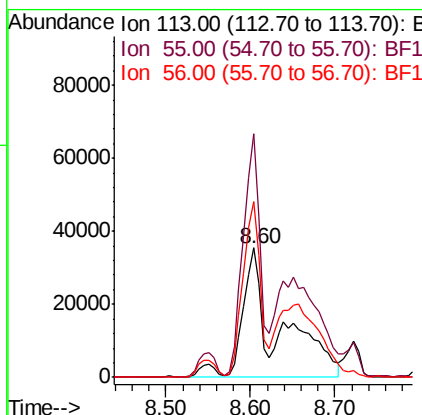
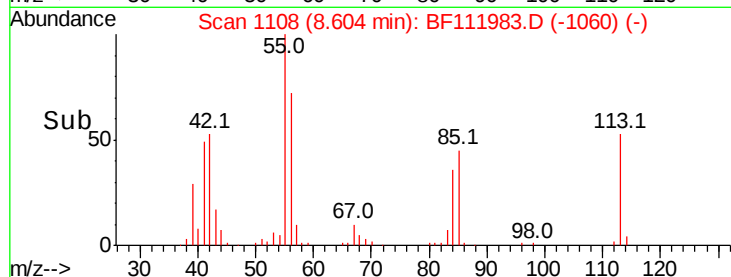
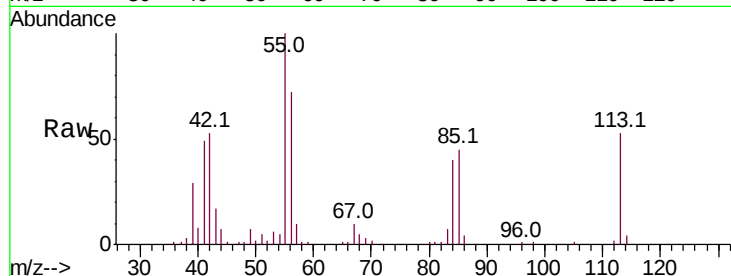
#35
 Caprolactam
 Concen: 31.475 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.5	162.0	202.0
56	135.7	116.0	156.0

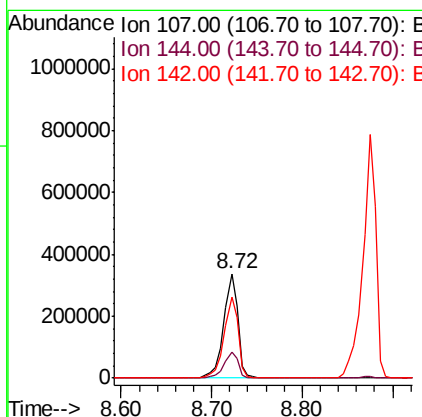
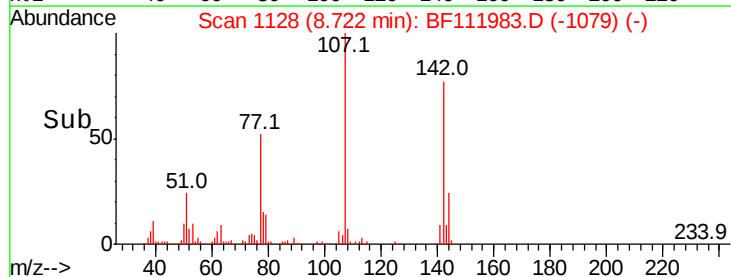
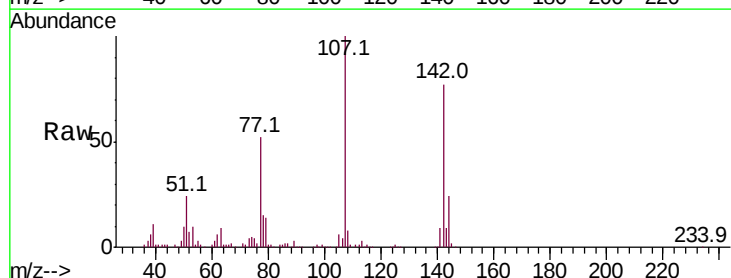
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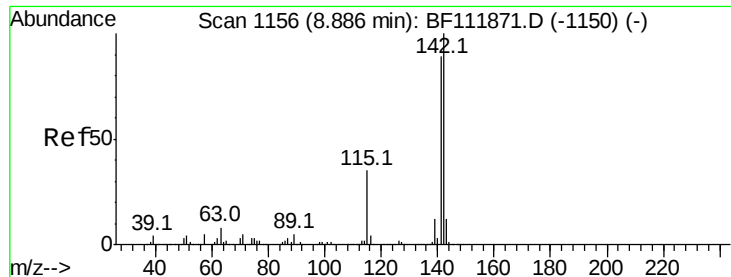
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 1/11/2019 4:42:50 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.806 ng/ml
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.7	31.1
142	77.2	63.9	95.9





#37

2-Methylnaphthalene

Concen: 41.454 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

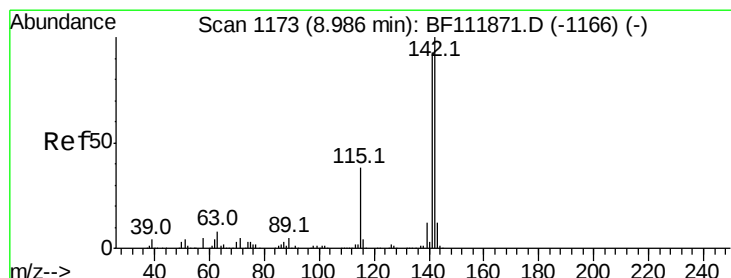
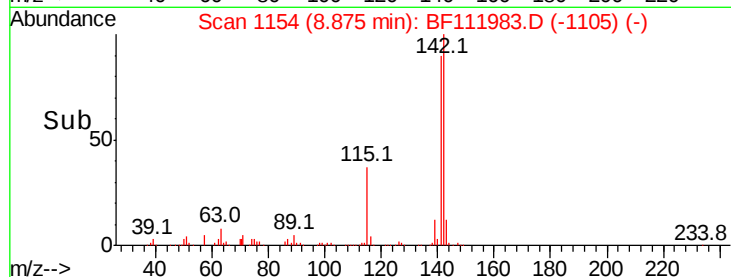
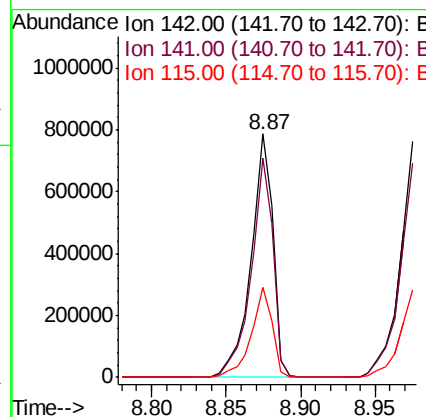
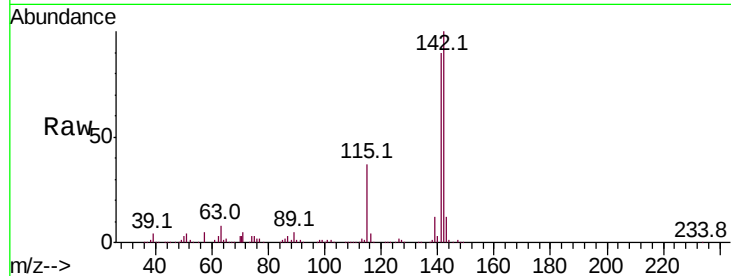
Instrument :
BNA_F

ClientSampled :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	795112		
141	90.1	71.4	107.2	
115	36.8	28.3	42.5	

Manual Integrations
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1/11/2019 4:42:50 PM



#38

1-Methylnaphthalene

Concen: 40.693 ng

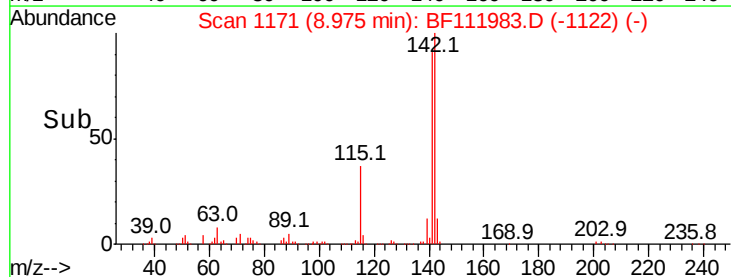
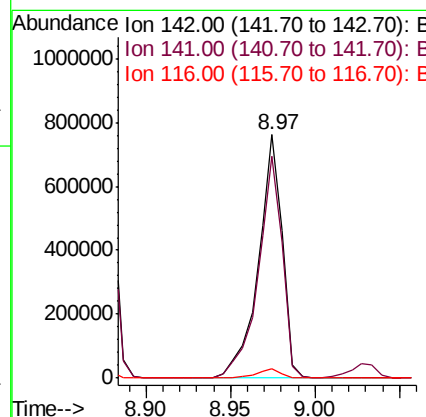
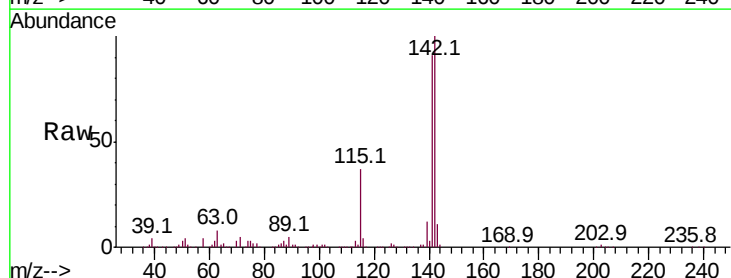
RT: 8.97 min Scan# 1171

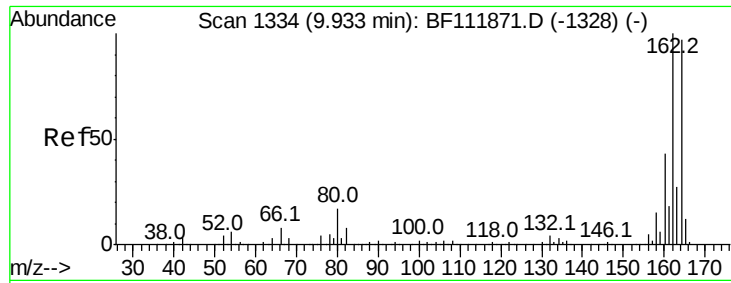
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	748607		
141	90.9	74.8	112.2	
116	3.7	3.1	4.7	





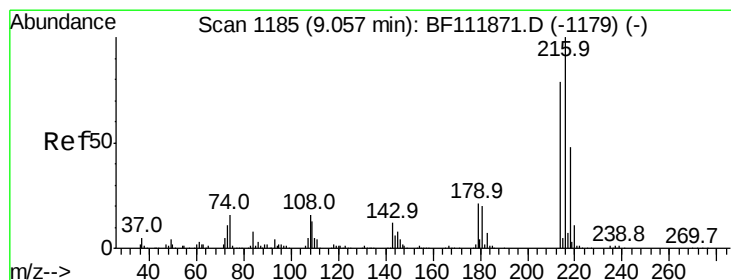
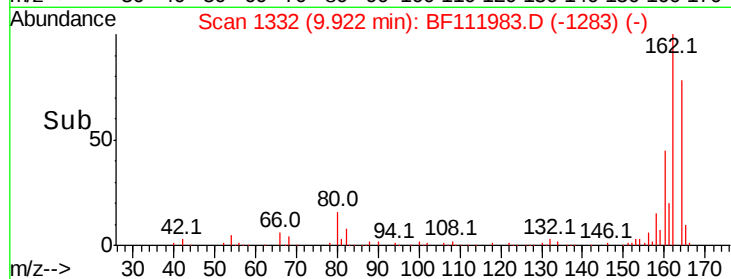
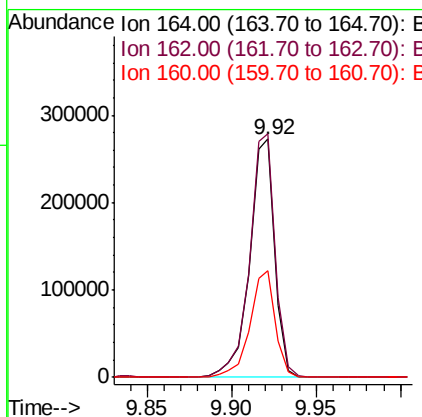
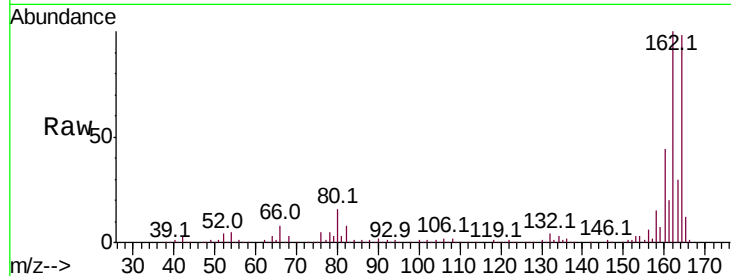
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.2	123.2	
160	45.0	35.5	53.3	

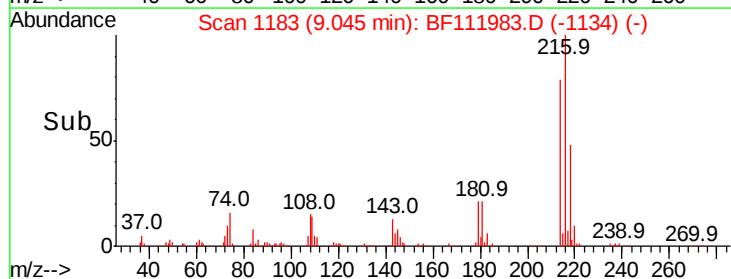
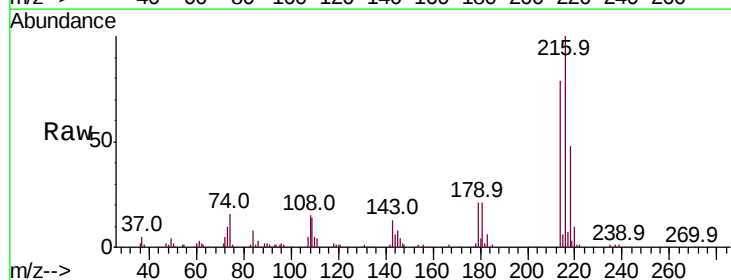
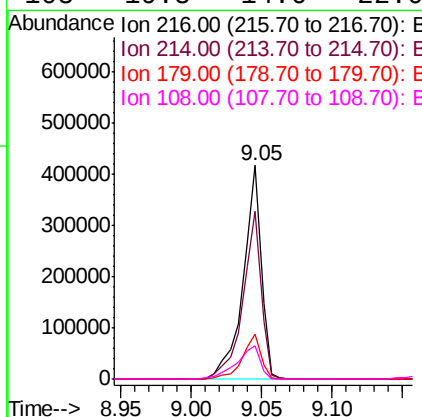
Manual Integrations
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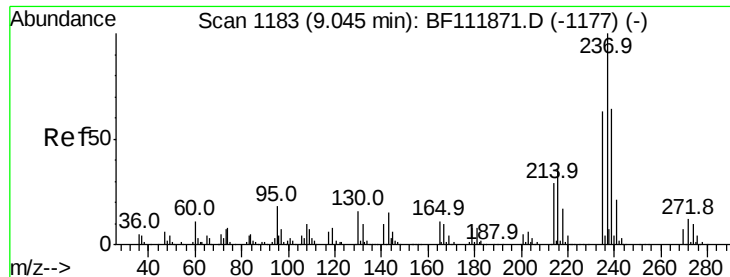
Sohil
1/11/2019 4:42:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.464 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.5	95.3	
179	21.4	17.0	25.6	
108	19.8	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 83.555 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

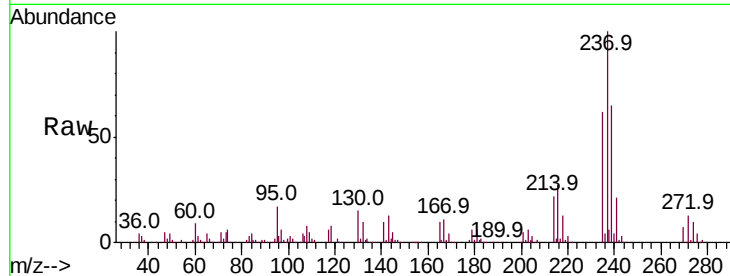
ClientSampleId :

PB116203BS

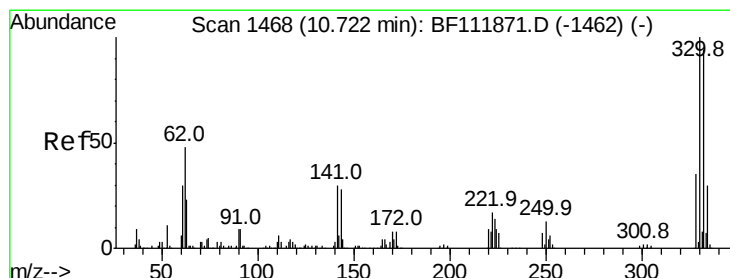
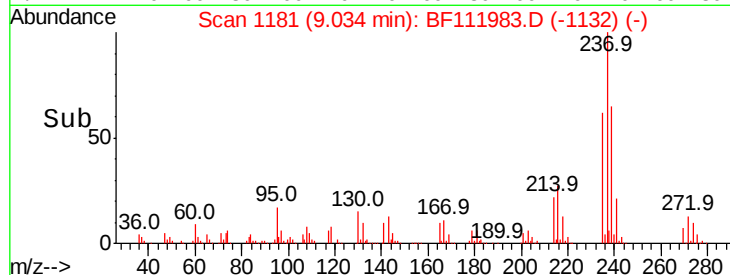
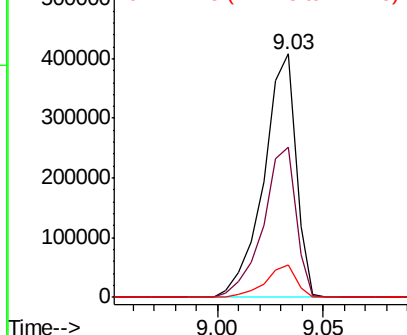
Tot Ion:	237	Resp:	435629
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.6	82.6
272	13.1	0.0	32.3

Manual Integrations
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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: 118.001 ng

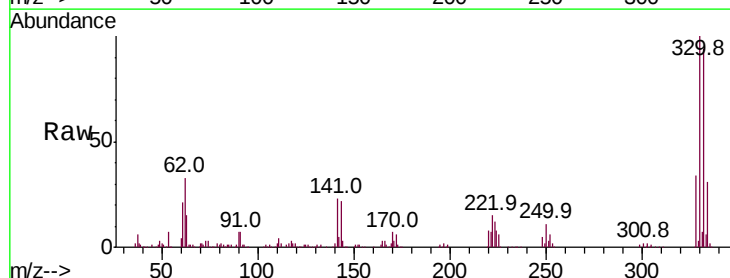
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

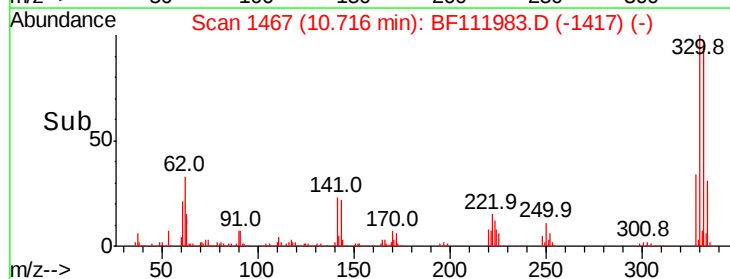
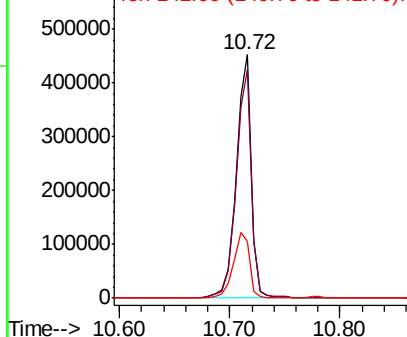
Lab File: BF111983.D

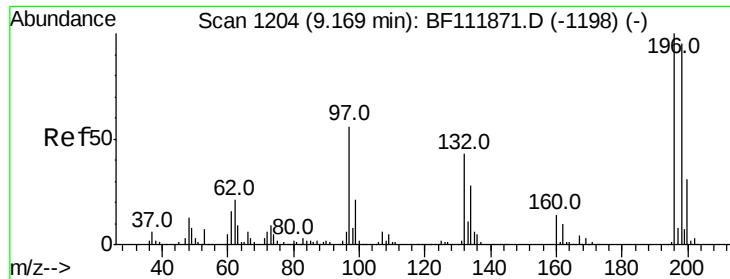
Acq: 10 Jan 2019 13:19

Tgt Ion:	330	Resp:	434114
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.9	115.3
141	29.0	23.7	35.5



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





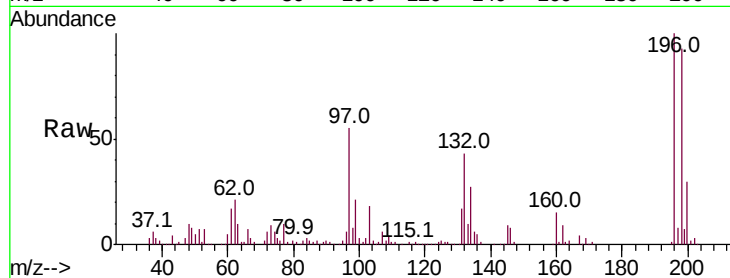
#43
2,4,6-Trichlorophenol
Concen: 41.741 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255287		
198	92.8	75.8	113.8	
200	29.8	24.5	36.7	

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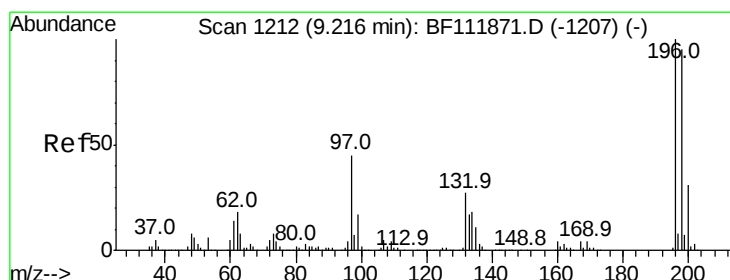
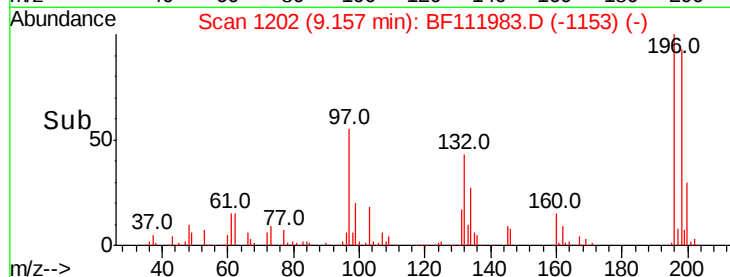
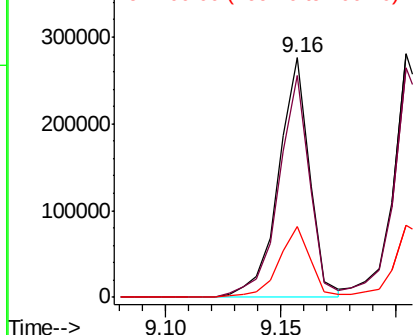


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267005		
198	94.5	76.2	114.2	
97	55.4	36.4	54.6	
132	29.1	21.7	32.5	

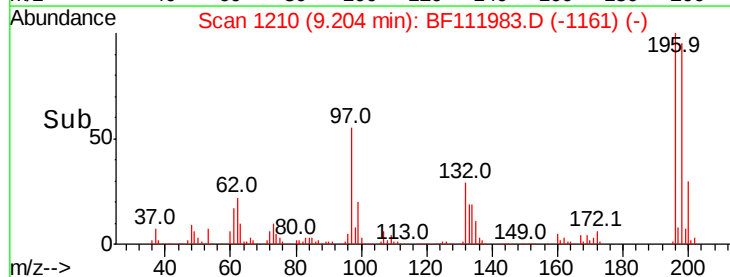
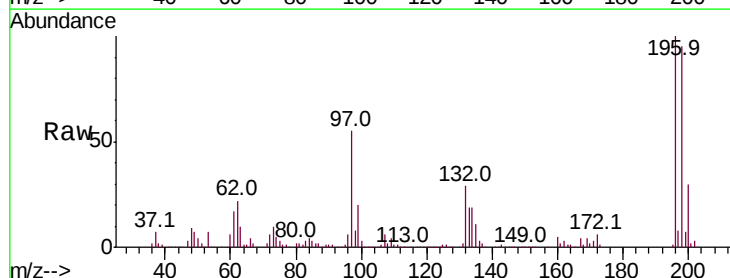
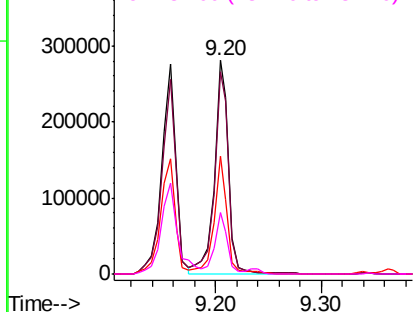
Abundance

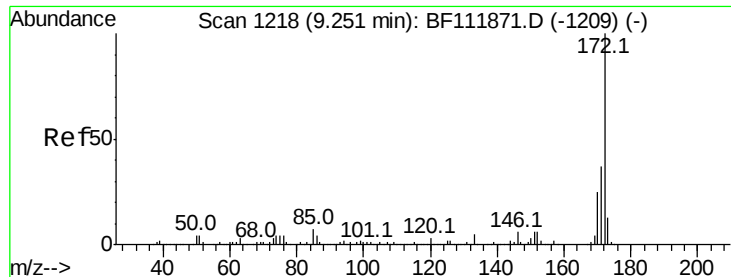
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





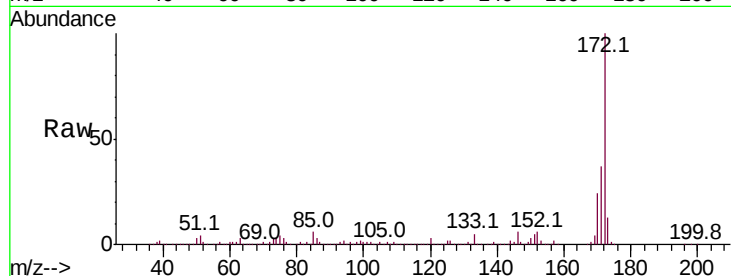
#45
2-Fluorobiphenyl
Concen: 72.140 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8

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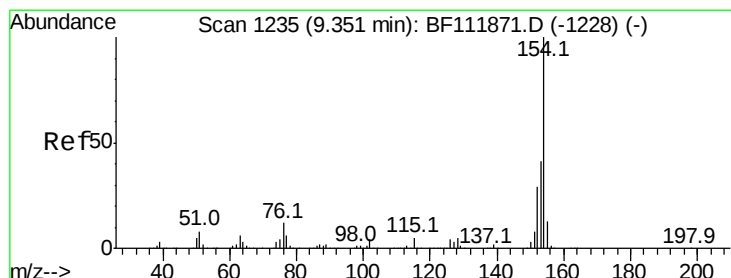
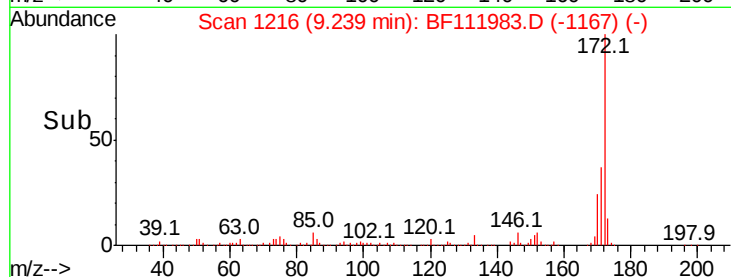
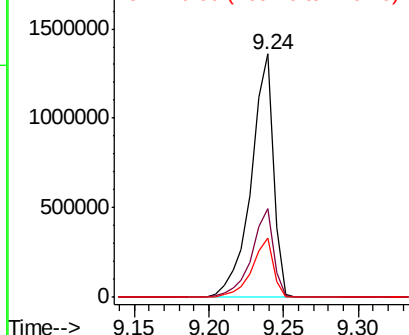


Abundance

Ion 172.00 (171.70 to 172.70): E

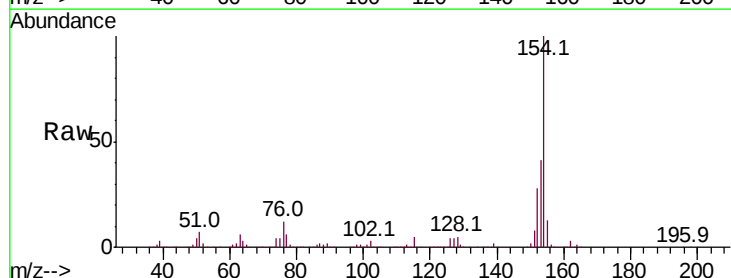
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.855 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.0	0.0	32.3

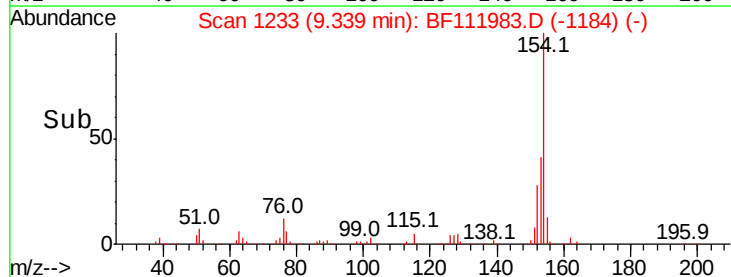
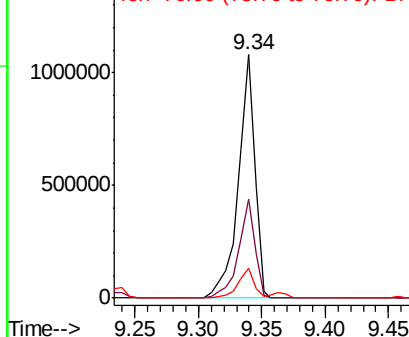


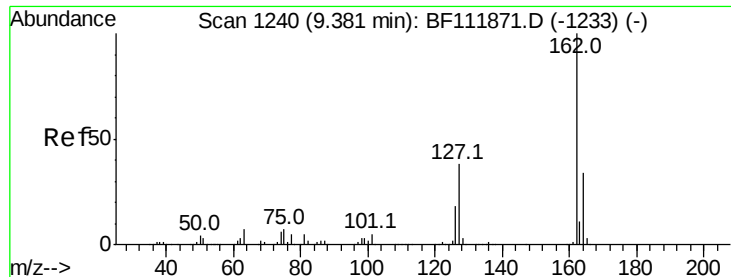
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





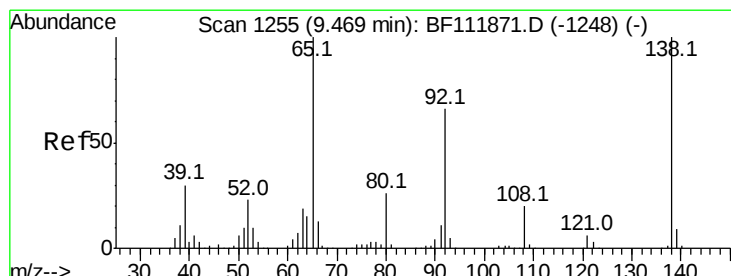
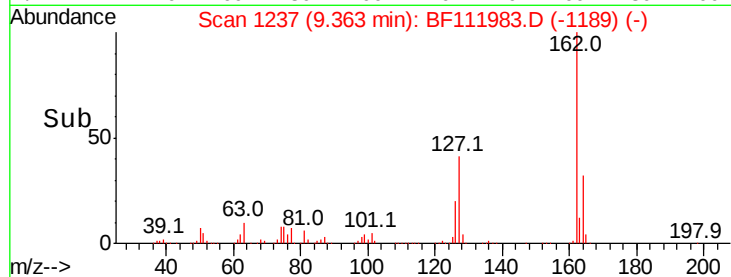
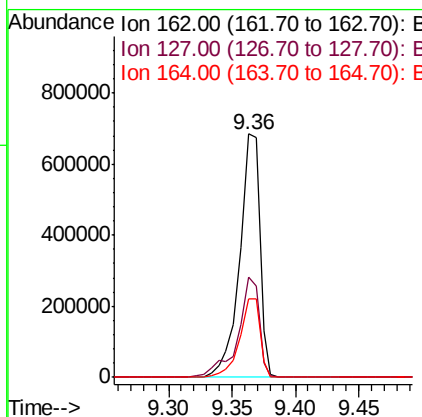
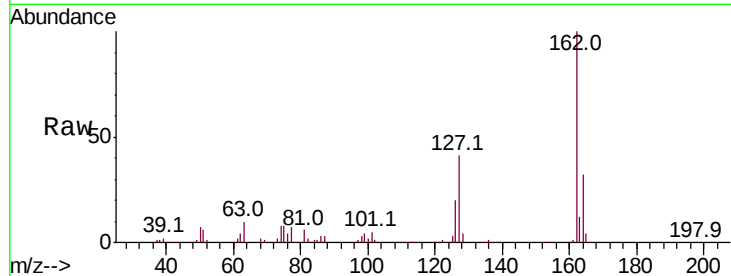
#47
 2-Chloronaphthalene
 Concen: 40.634 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion:	162	Resp:	754511
Ion Ratio	Lower	Upper	
162	100		
127	41.3	31.2	46.8
164	32.4	27.0	40.6

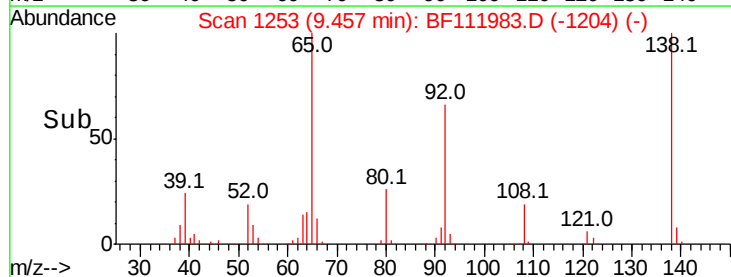
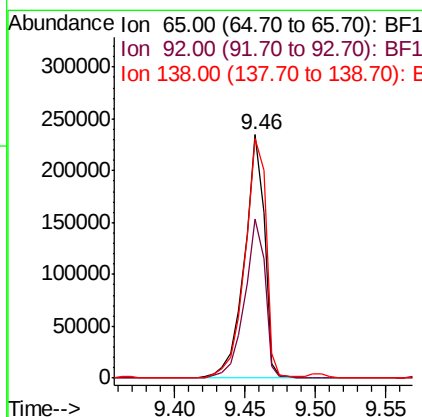
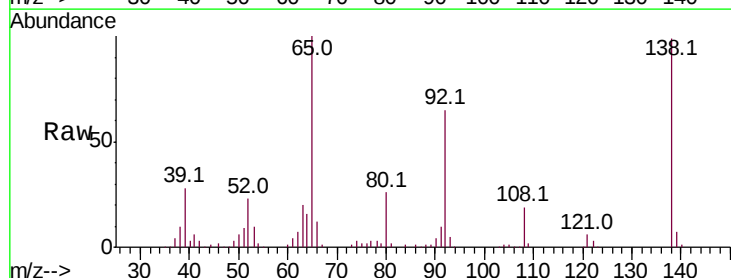
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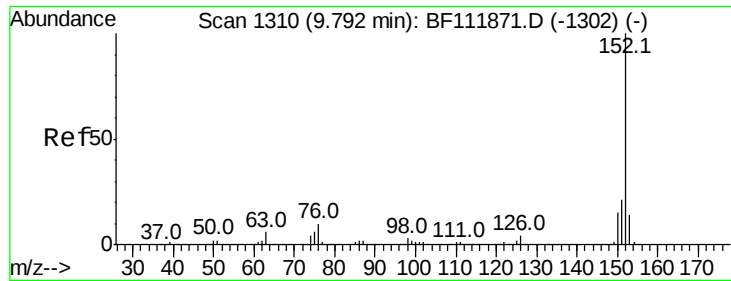
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#48
 2-Nitroaniline
 Concen: 40.868 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion:	65	Resp:	232008
Ion Ratio	Lower	Upper	
65	100		
92	65.1	52.5	78.7
138	98.7	79.8	119.6





#49

Acenaphthylene

Concen: 43.768 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion:152 Resp: 1201534

Ion Ratio Lower Upper

152 100

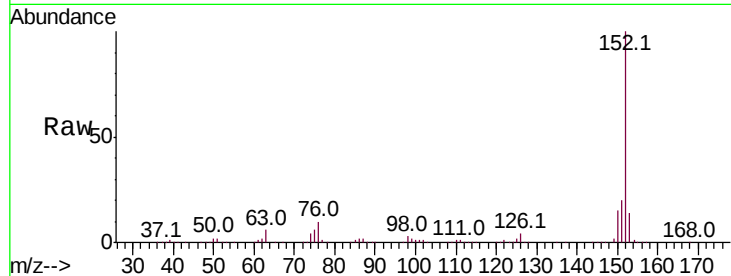
151 20.4 16.6 25.0

153 13.6 11.0 16.4

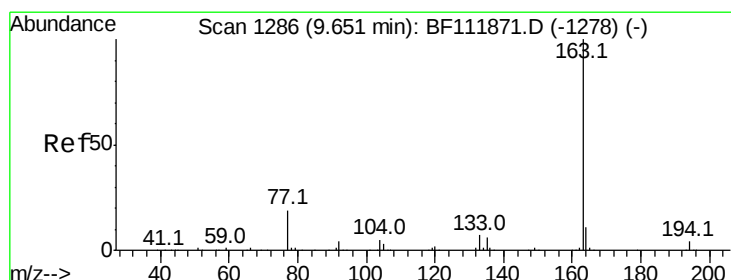
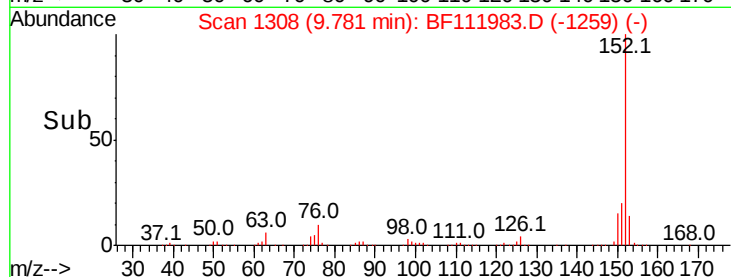
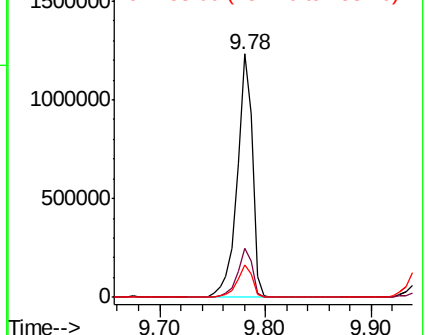
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.497 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

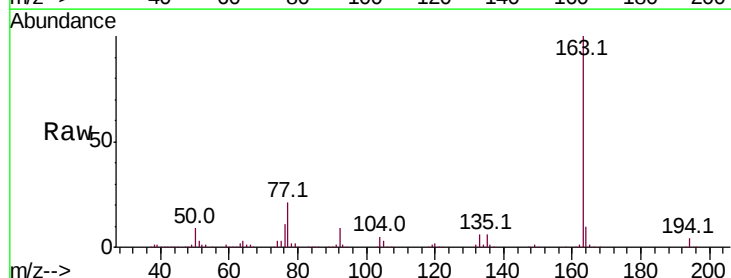
Tgt Ion:163 Resp: 881688

Ion Ratio Lower Upper

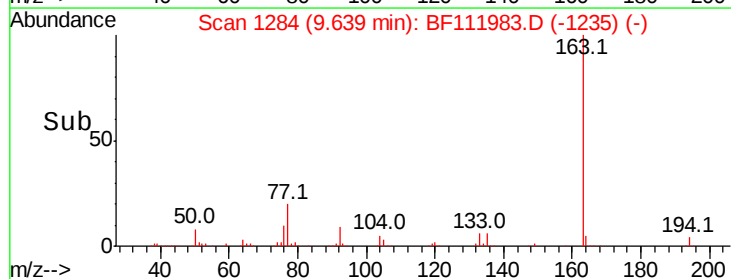
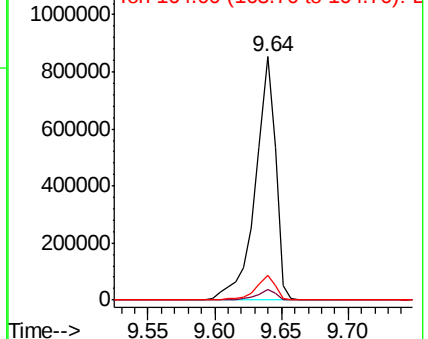
163 100

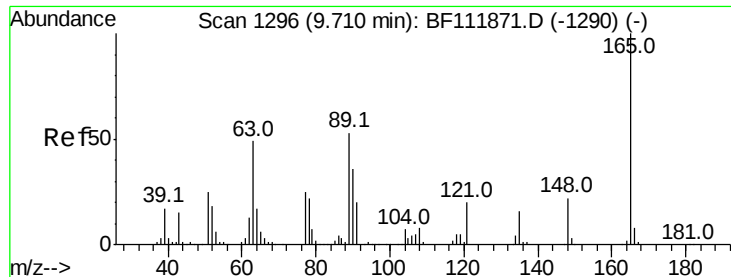
194 4.2 3.4 5.2

164 10.3 8.5 12.7



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





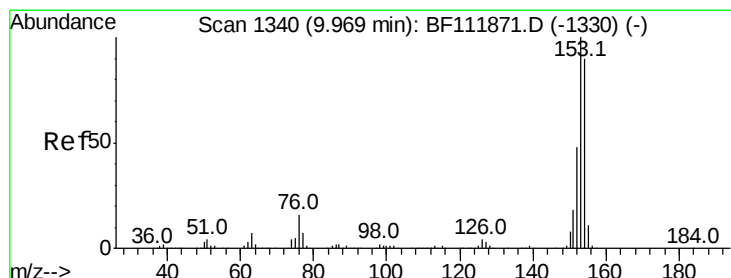
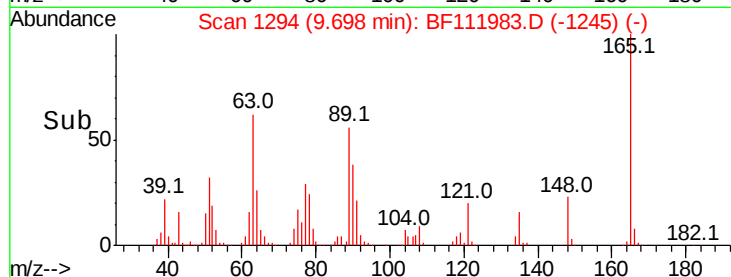
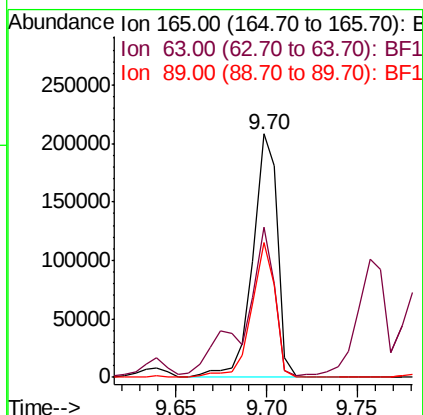
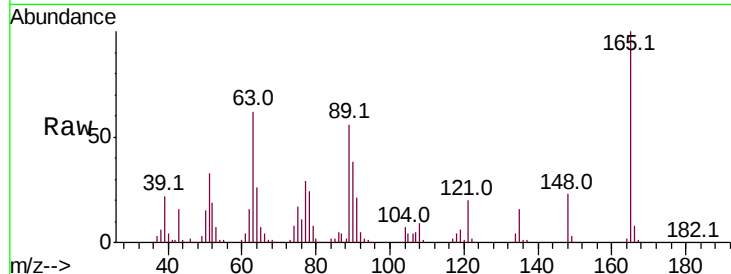
#51
 2,6-Dinitrotoluene
 Concen: 41.490 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampled :
 PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197134		
63	61.6	46.2	69.2	
89	55.6	42.2	63.2	

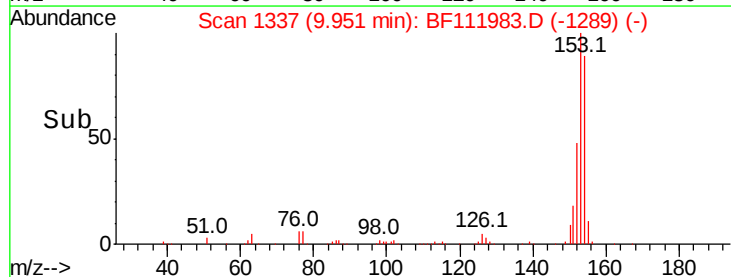
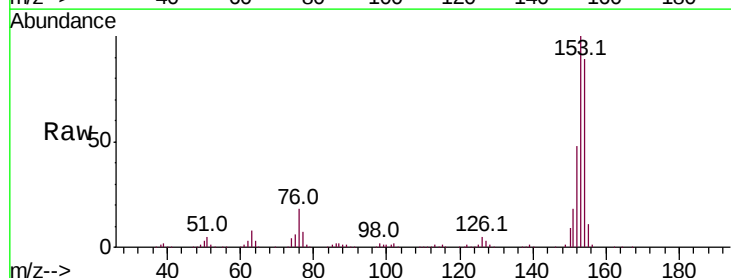
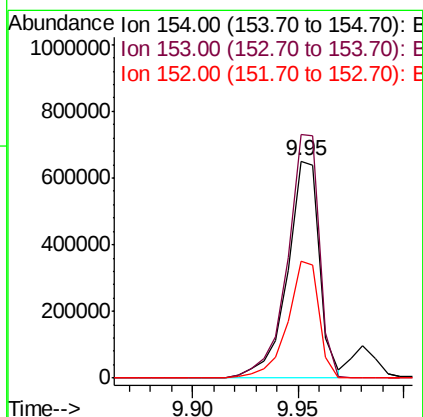
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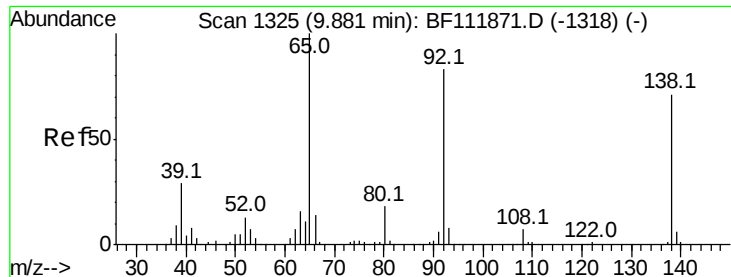
Sohil
 1/11/2019 4:42:50 PM



#52
 Acenaphthene
 Concen: 39.038 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	690887		
153	112.2	89.4	134.0	
152	54.2	43.1	64.7	





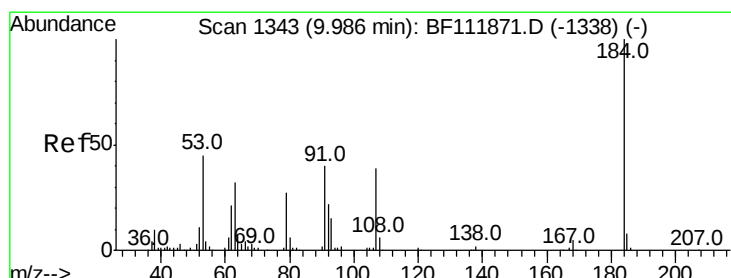
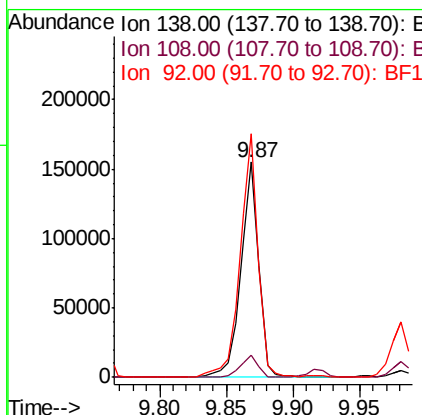
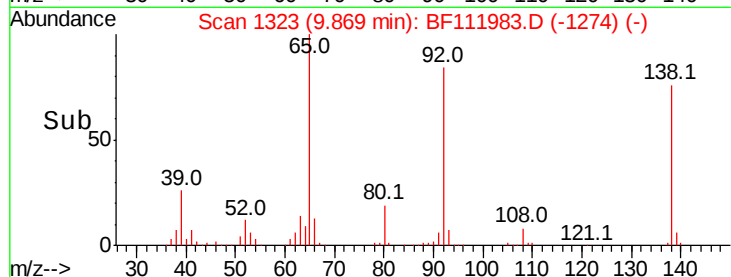
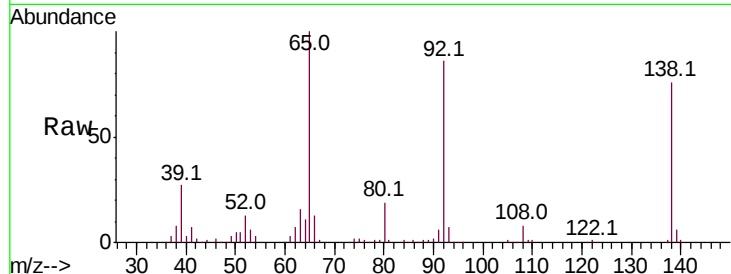
#53
3-Nitroaniline
Concen: 28.339 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	113.3	93.5	140.3

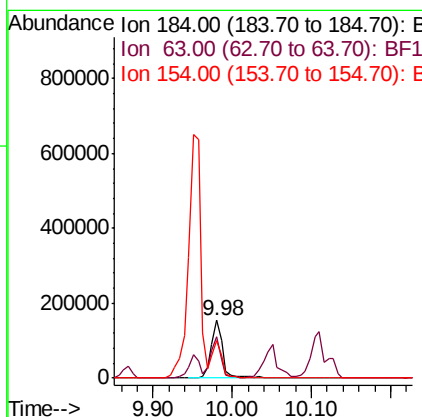
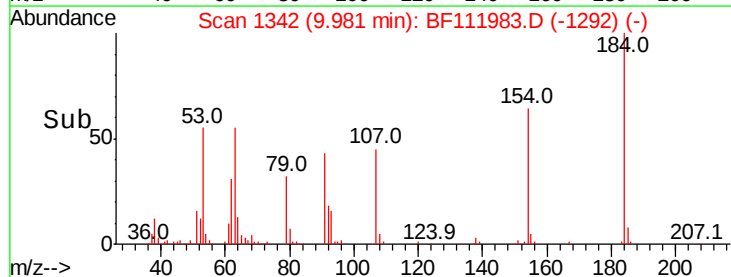
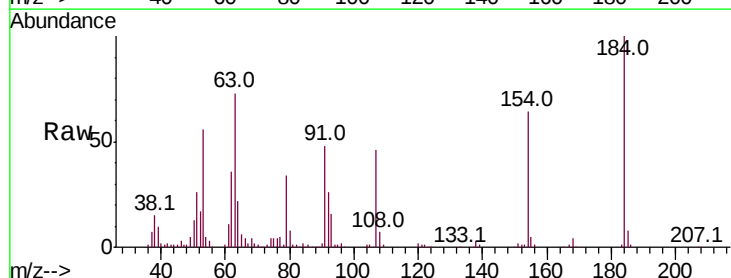
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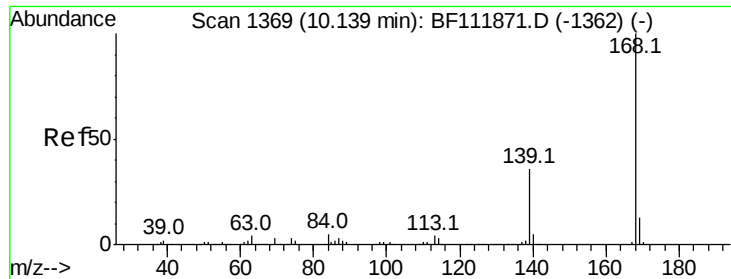
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#54
2,4-Dinitrophenol
Concen: 77.170 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	46.9	70.3#
154	64.5	46.9	70.3





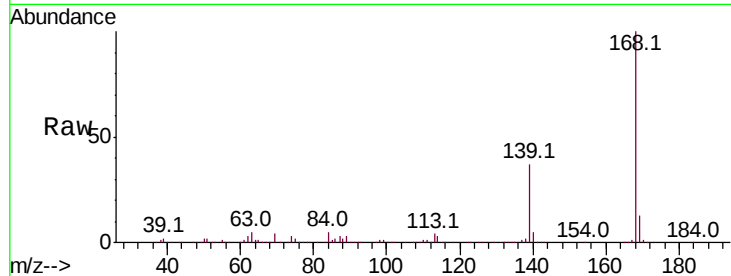
#55
Dibenzofuran
Concen: 41.068 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :
PB116203BS

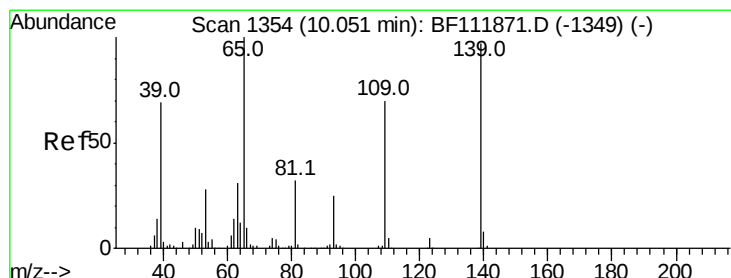
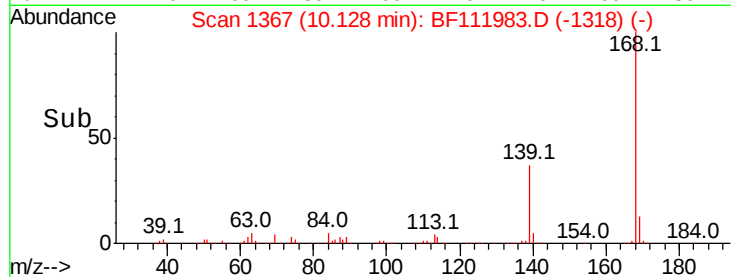
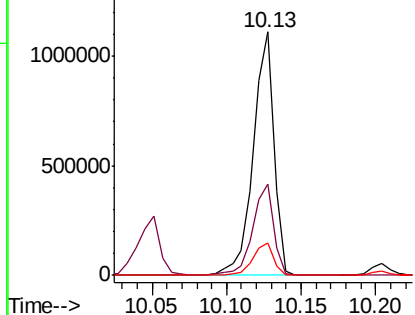
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.3	43.9
169	13.4	10.6	16.0

Manual Integrations
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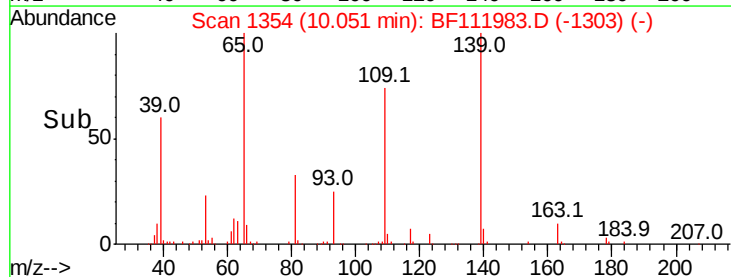
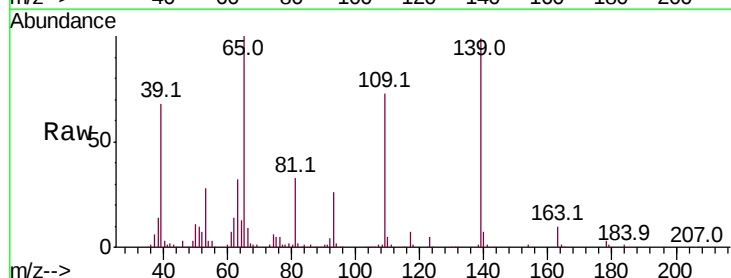
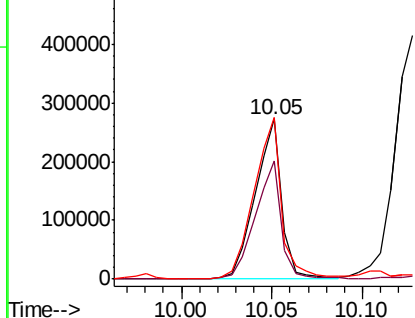
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

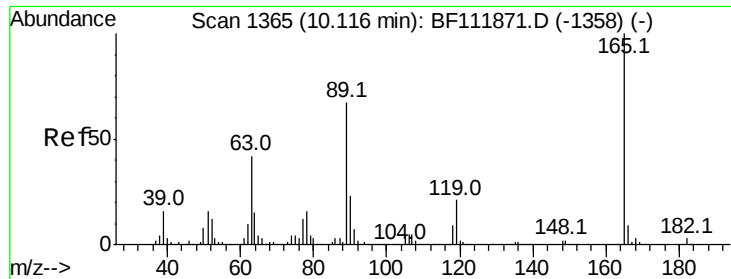


#56
4-Nitrophenol
Concen: 77.219 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	52.2	92.2
65	101.1	83.1	123.1

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





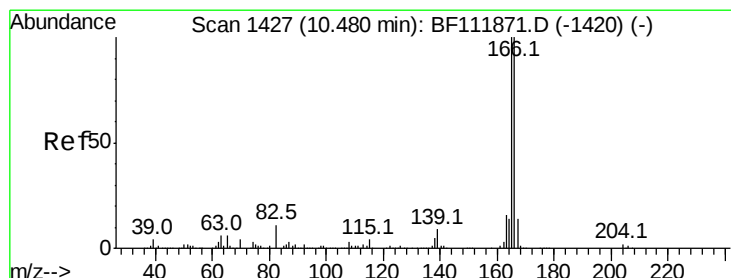
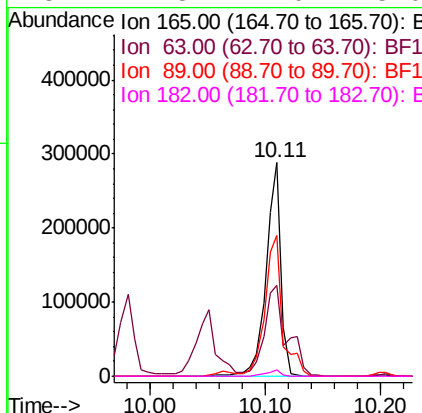
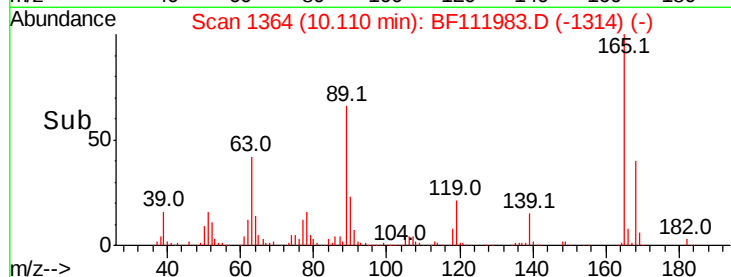
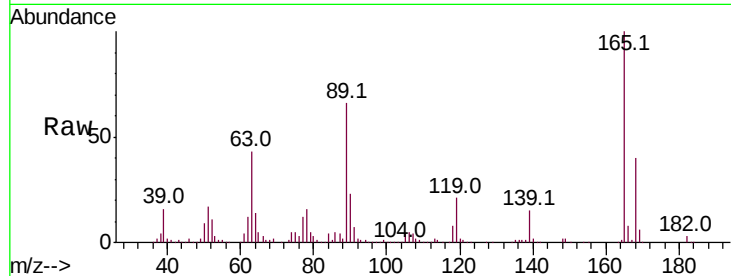
#57
2,4-Dinitrotoluene
Concen: 42.246 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.5	34.1	51.1	
89	66.0	53.5	80.3	
182	2.8	2.0	3.0	

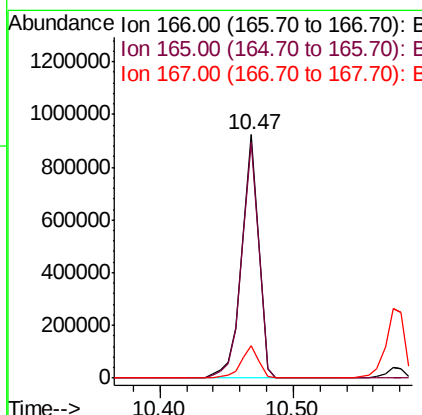
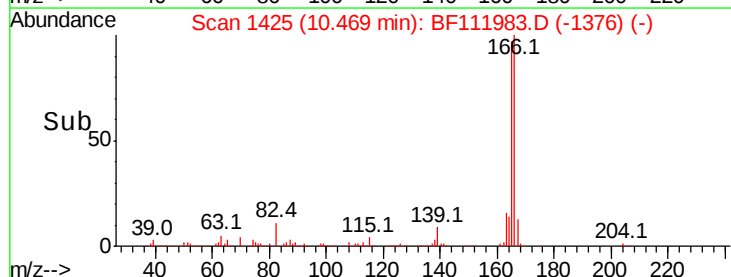
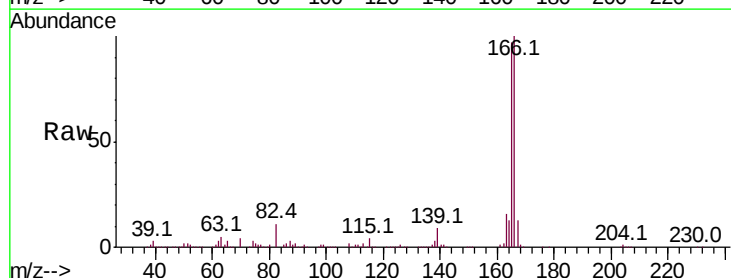
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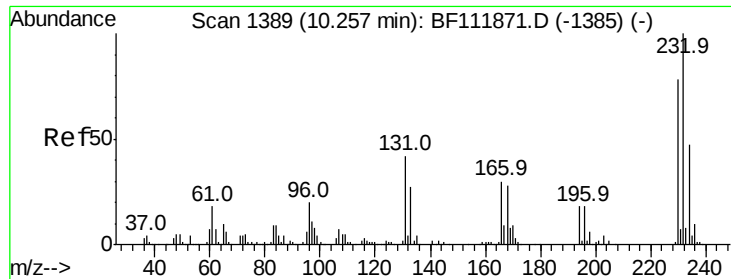
Sohil
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#58
Fluorene
Concen: 44.056 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	79.7	119.5	
167	13.3	11.1	16.7	





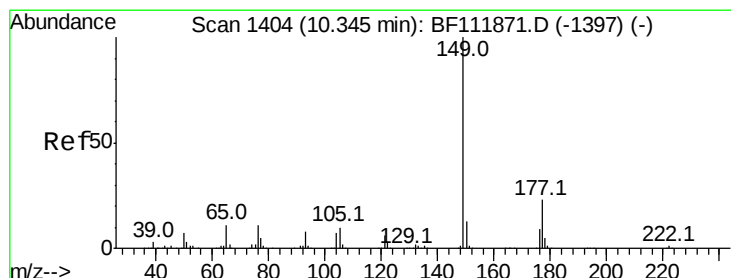
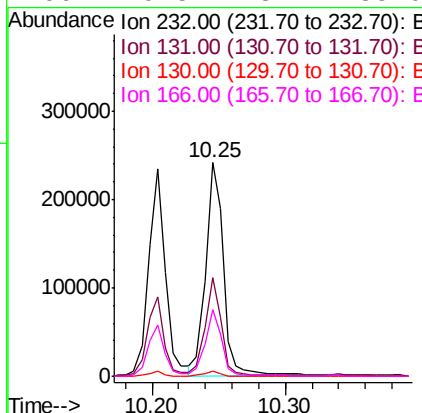
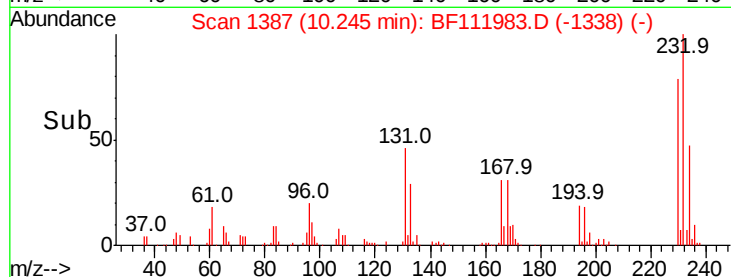
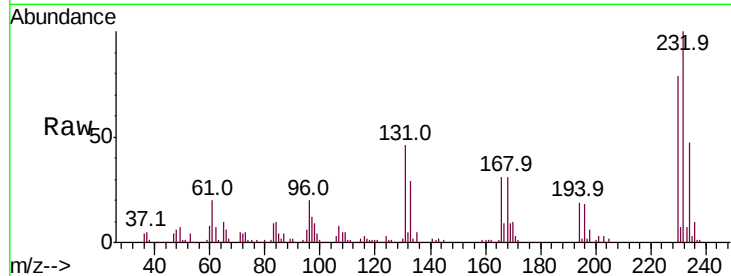
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.634 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	224783		
131	43.3		34.0	51.0
130	2.0		1.6	2.4
166	29.5		23.4	35.0

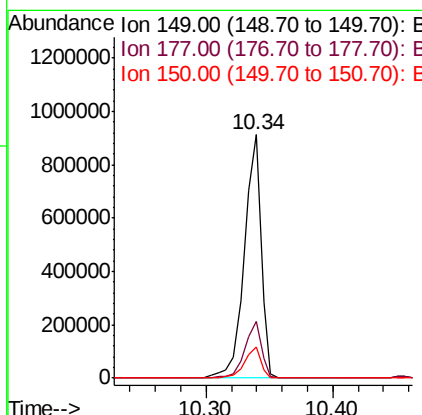
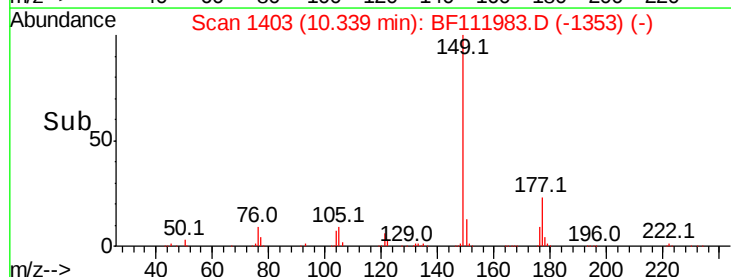
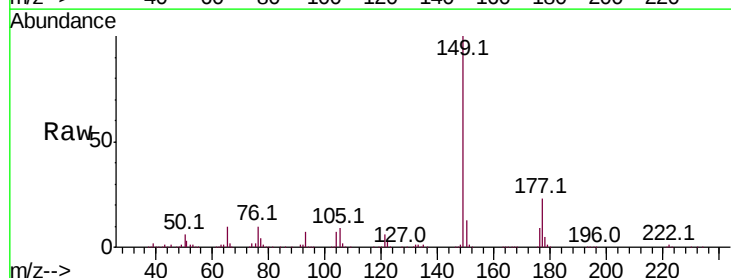
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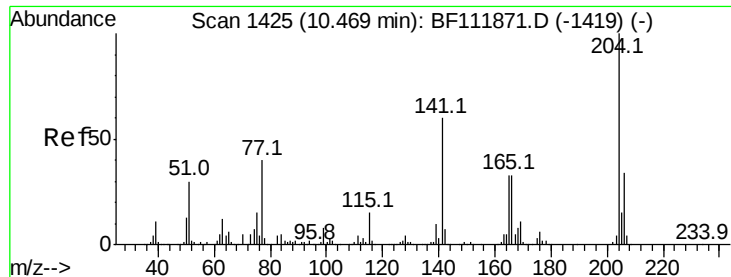
Sohil
1/11/2019 4:42:50 PM



#60
Diethylphthalate
Concen: 40.640 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835623		
177	23.4		18.3	27.5
150	12.6		10.2	15.4





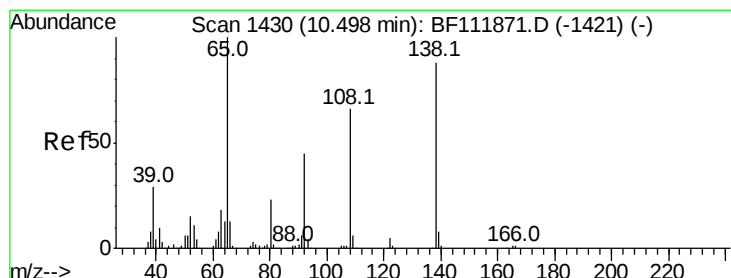
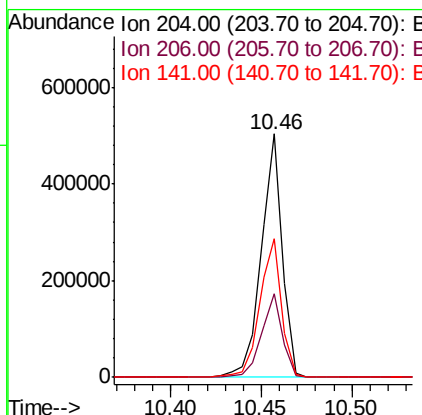
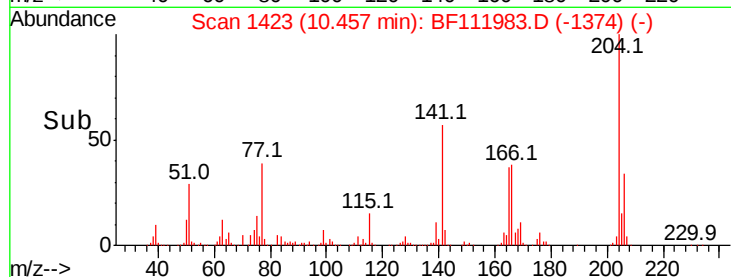
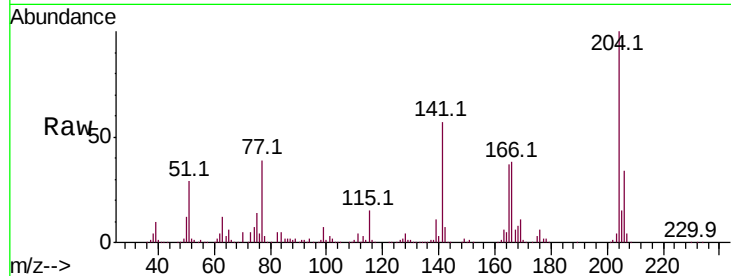
#61
 4-Chlorophenyl-phenylether
 Concen: 38.721 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion:	204	Resp:	406658
Ion Ratio		Lower	Upper
204	100		
206	34.1	26.9	40.3
141	57.1	47.9	71.9

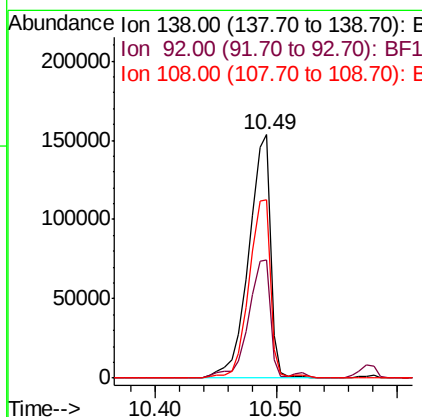
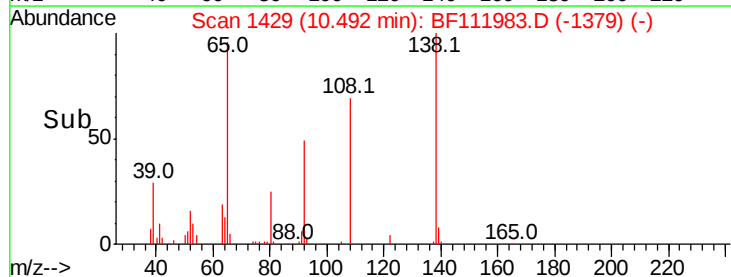
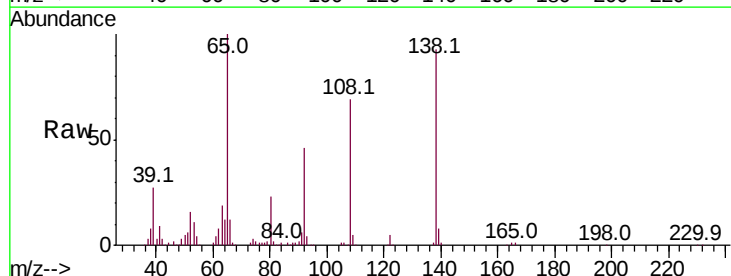
Manual Integrations
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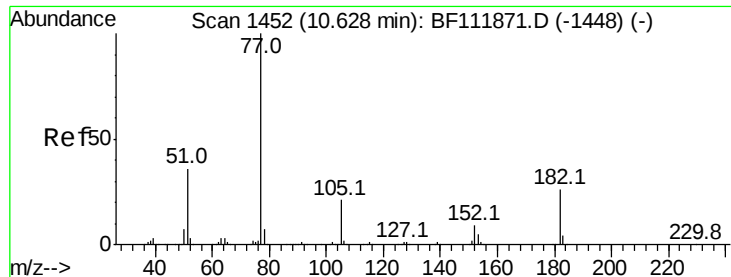
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#62
 4-Nitroaniline
 Concen: 40.384 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion:	138	Resp:	194902
Ion Ratio		Lower	Upper
138	100		
92	48.8	31.0	71.0
108	73.5	54.7	94.7





#63

Azobenzene

Concen: 41.179 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion: 77 Resp: 808867

Ion Ratio Lower Upper

77 100

182 24.8 5.7 45.7

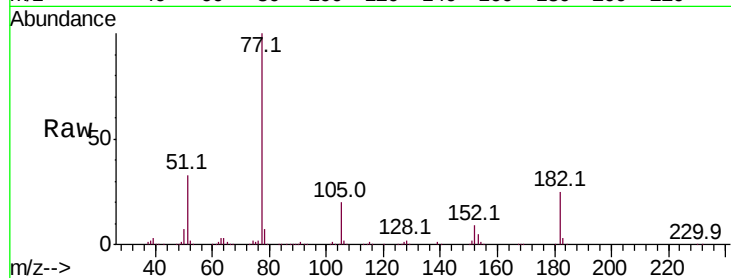
105 20.5 0.8 40.8

51 33.3 15.6 55.6

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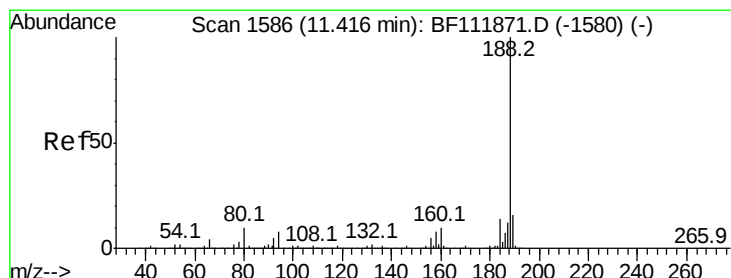
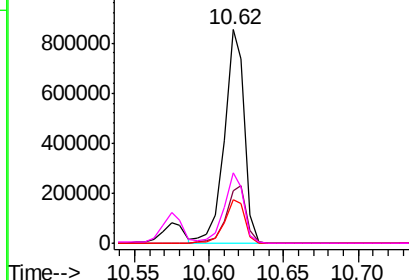
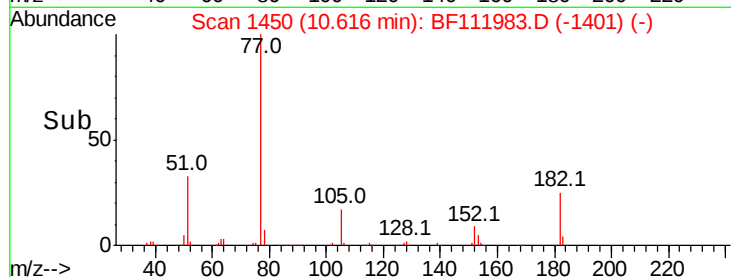


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

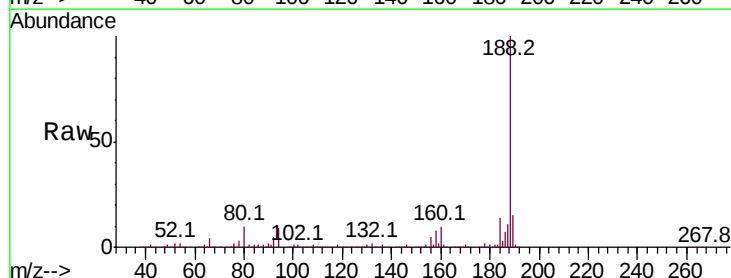
Tgt Ion: 188 Resp: 642982

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

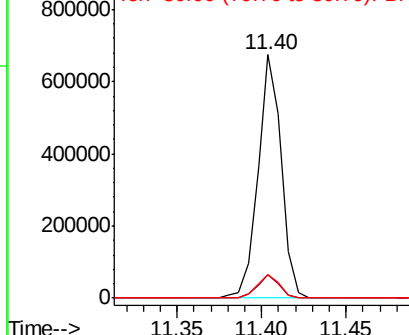
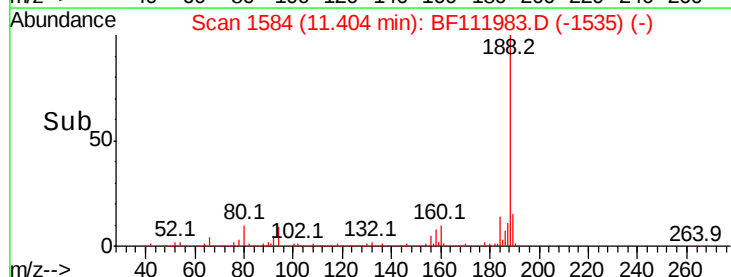
80 9.7 7.7 11.5

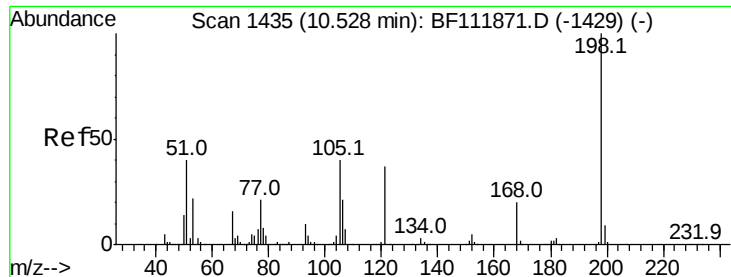


Abundance Ion 188.00 (187.70 to 188.70): E

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: 28.600 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion:198 Resp: 113468

Ion Ratio Lower Upper

198 100

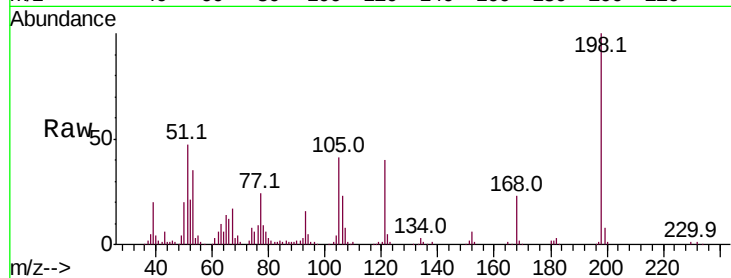
51 47.4 27.2 67.2

105 41.3 21.0 61.0

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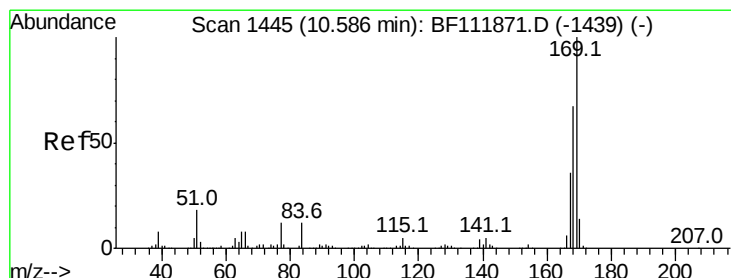
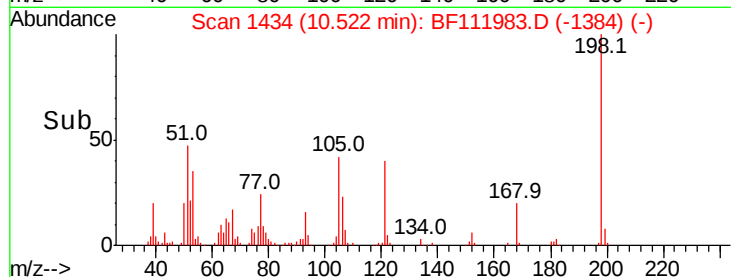
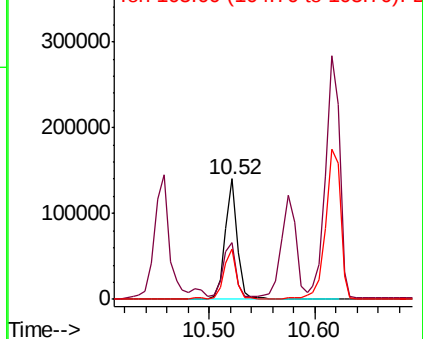
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.360 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

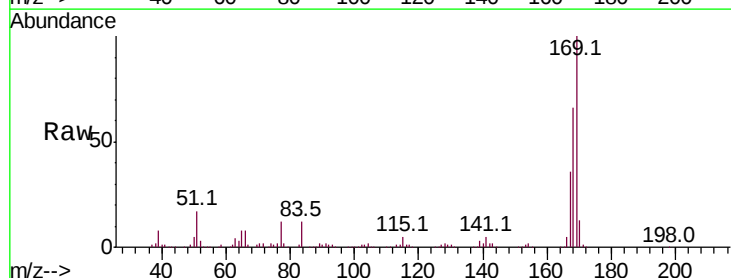
Tgt Ion:169 Resp: 719804

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.6

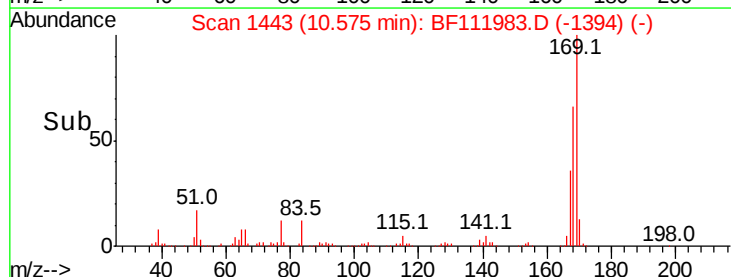
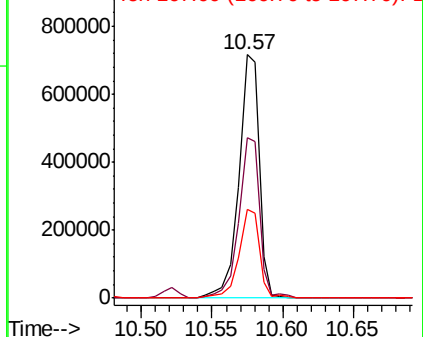
167 36.5 29.1 43.7

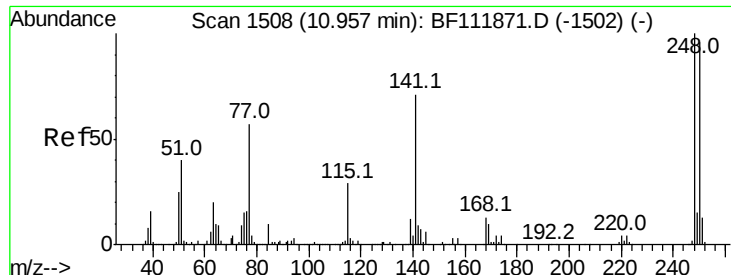


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





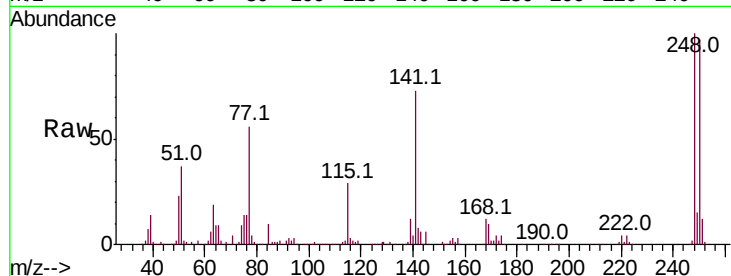
#67
4-Bromophenyl-phenylether
Concen: 31.251 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	72.8	57.0	85.6

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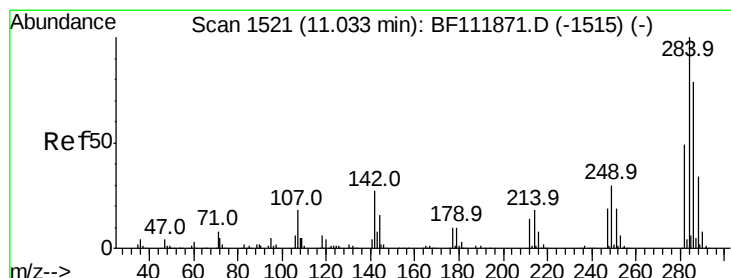
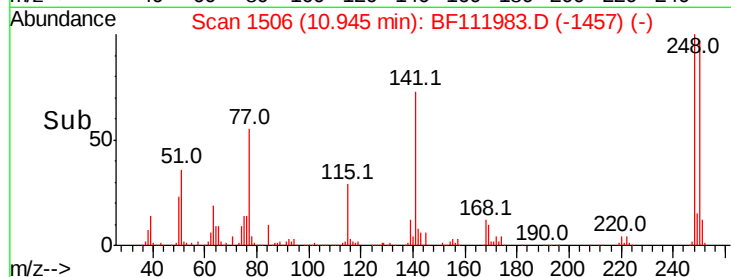
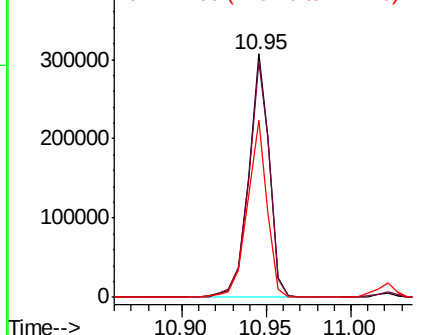


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.729 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

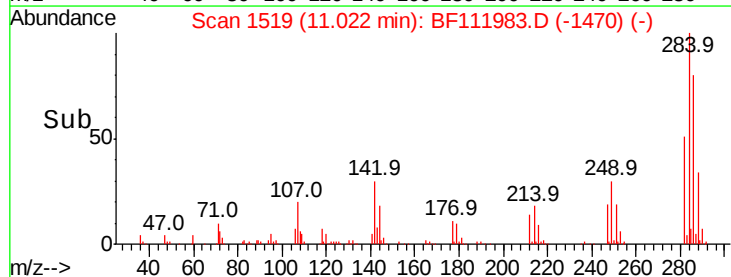
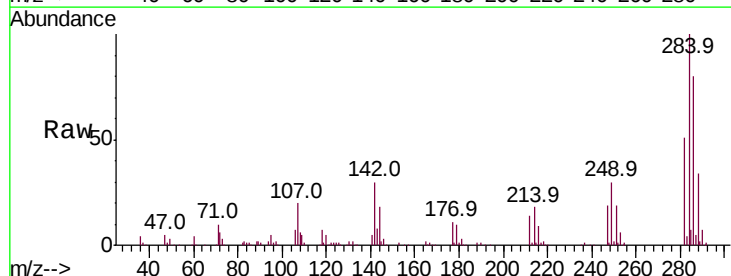
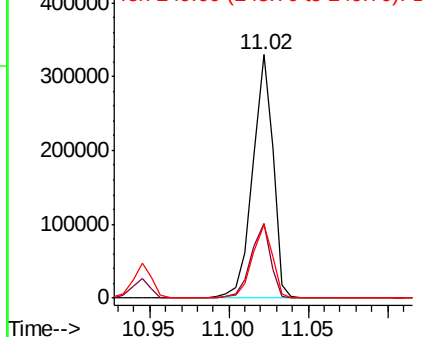
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.8	32.6
249	30.3	23.8	35.6

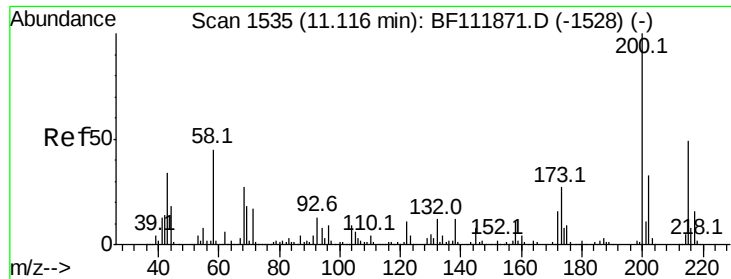
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





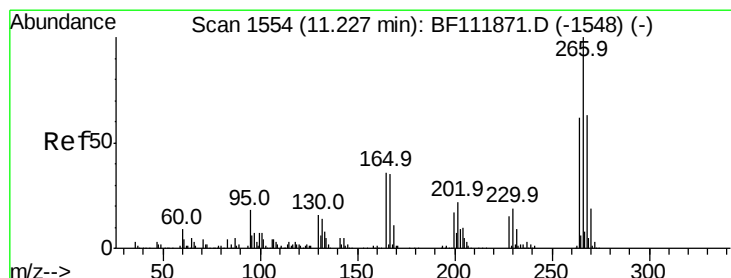
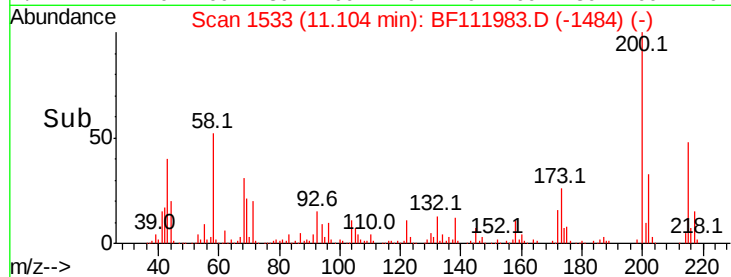
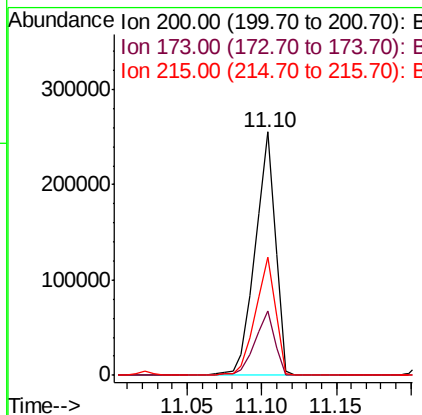
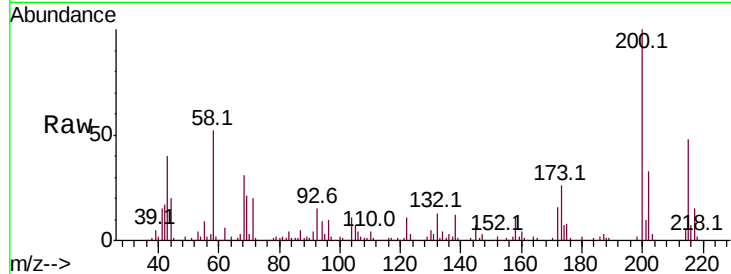
#69
Atrazine
Concen: 31.448 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	238406		
173	26.3	6.6	46.6	
215	48.4	28.9	68.9	

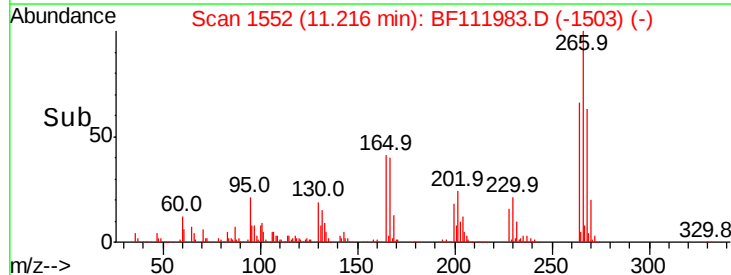
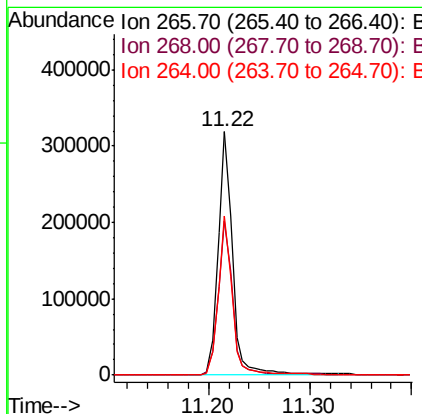
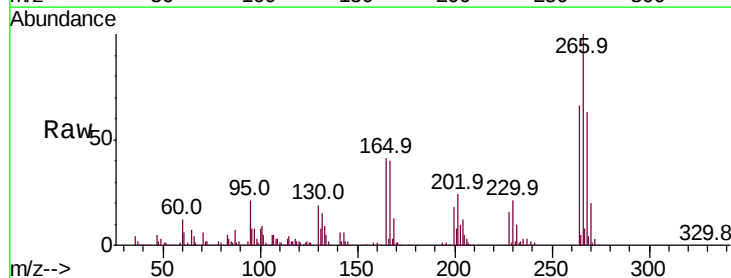
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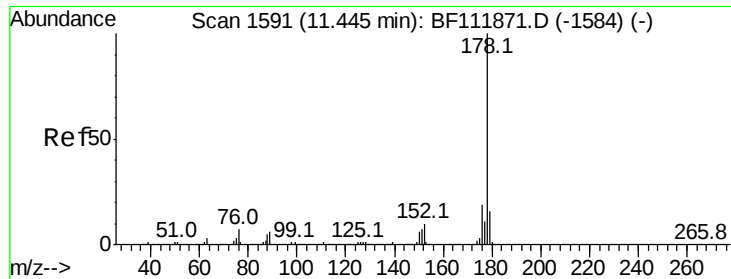
Sohil
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#70
Pentachlorophenol
Concen: 60.304 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	316723		
268	63.3	50.6	76.0	
264	65.6	49.3	73.9	





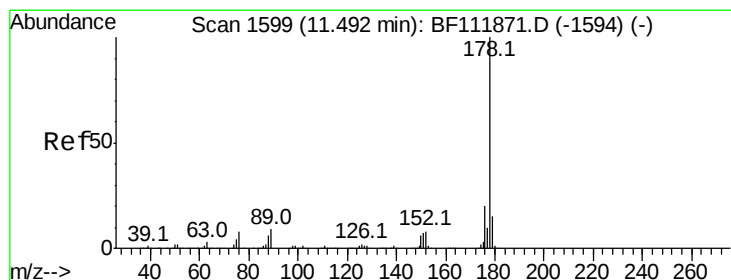
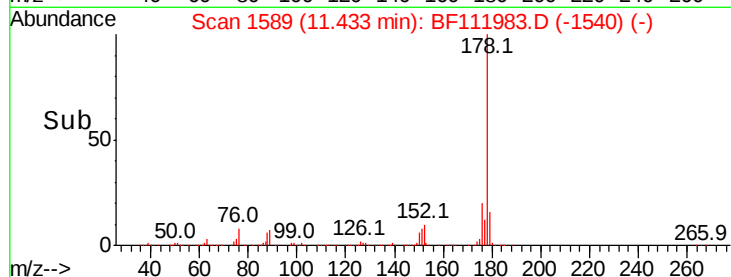
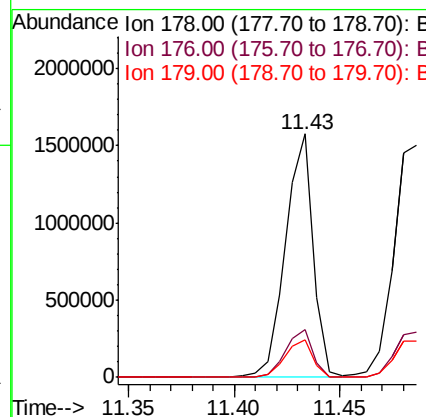
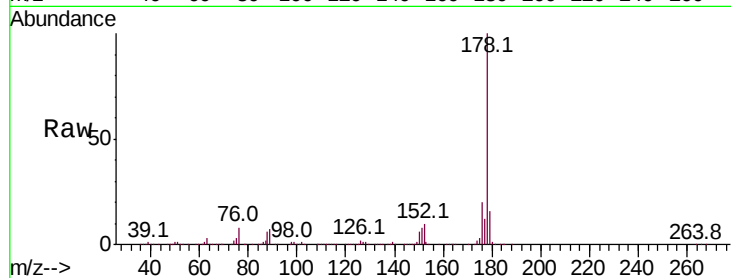
#71
Phenanthrene
Concen: 41.897 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion:178 Resp: 1440285
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.6 18.8

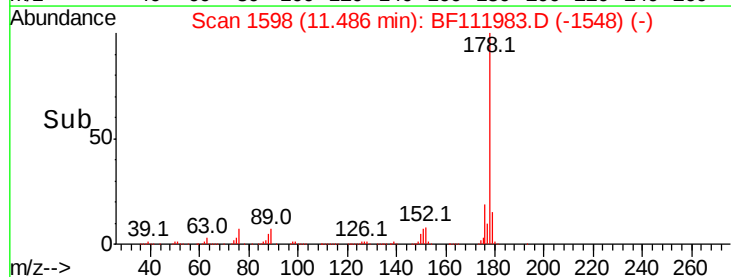
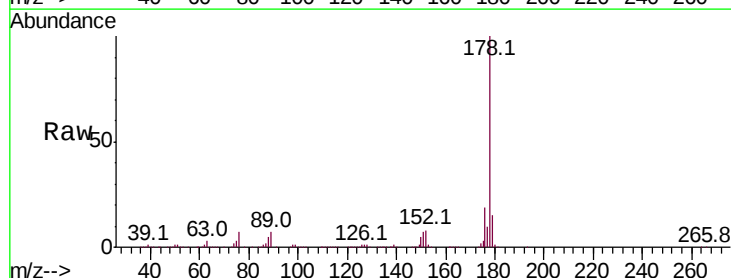
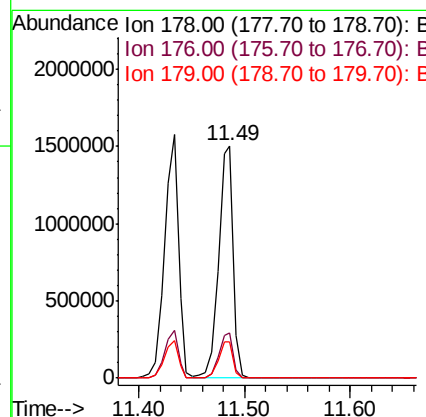
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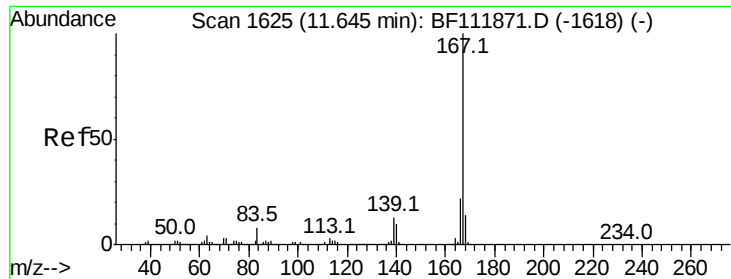
Sohil
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#72
Anthracene
Concen: 42.287 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion:178 Resp: 1475718
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.4 18.6





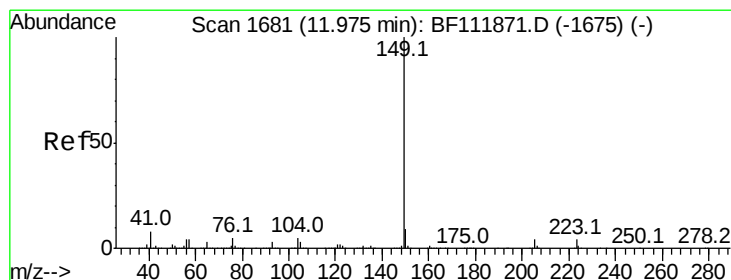
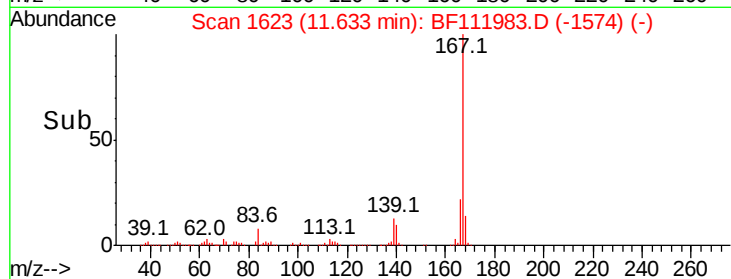
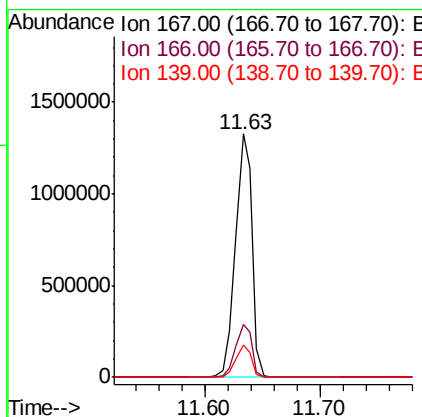
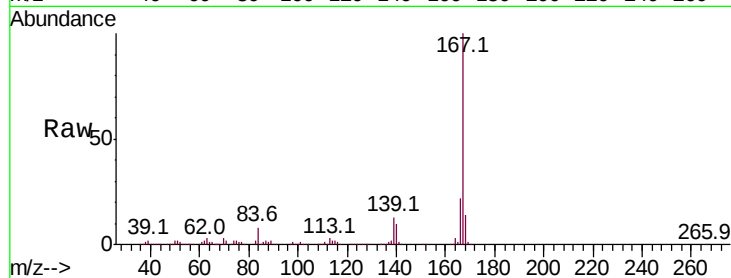
#73
 Carbazole
 Concen: 38.774 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.2	10.6	16.0

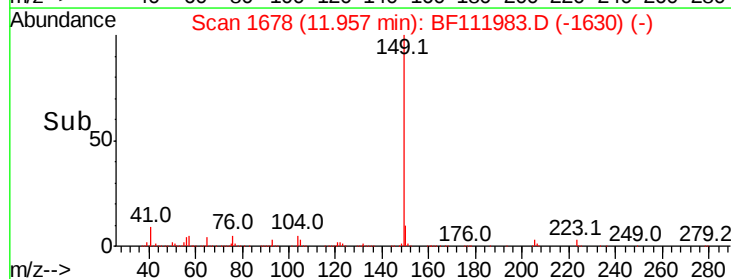
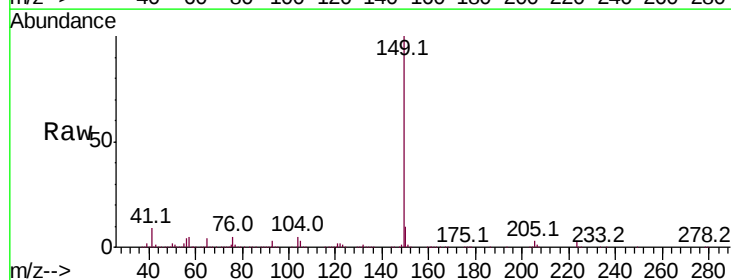
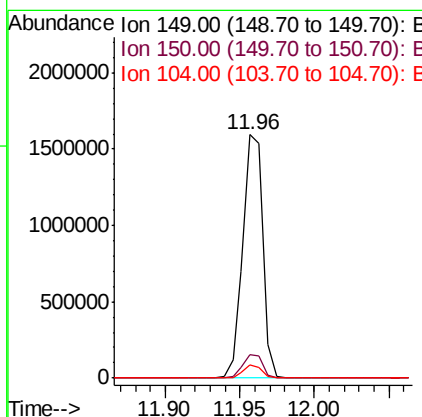
Manual Integrations
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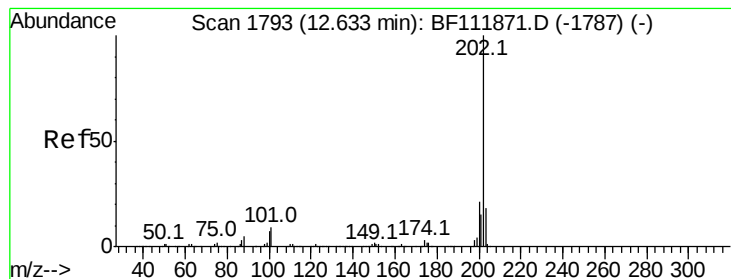
Sohil
 1/11/2019 4:42:50 PM



#74
 Di-n-butylphthalate
 Concen: 37.611 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 33.709 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

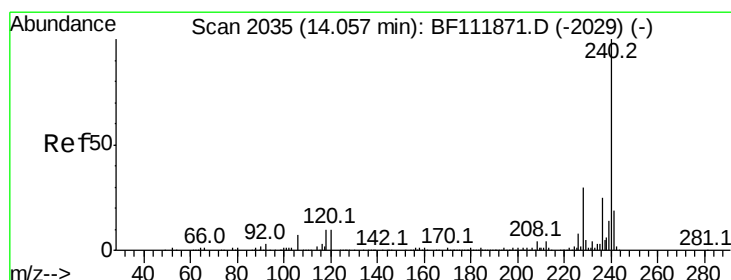
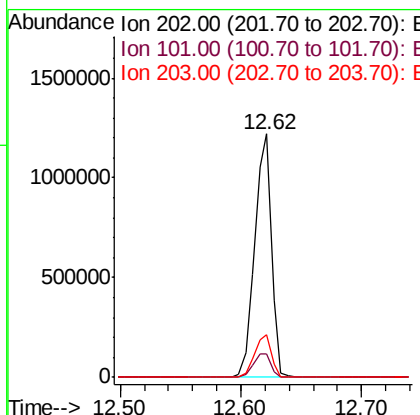
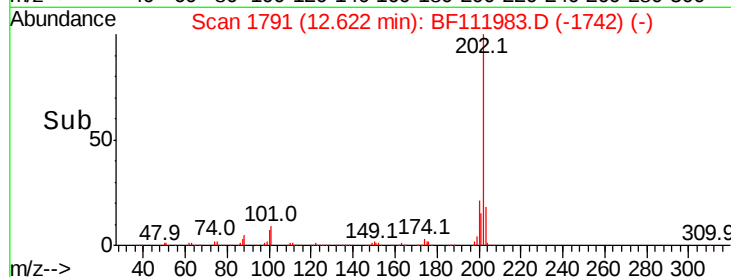
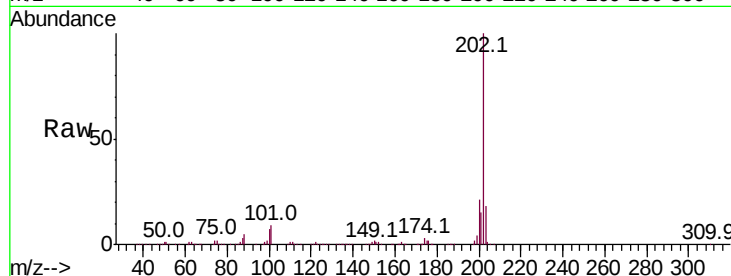
ClientSampleId :

PB116203BS

Tot Ion:	202	Resp:	1189637
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.3
203	17.6	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

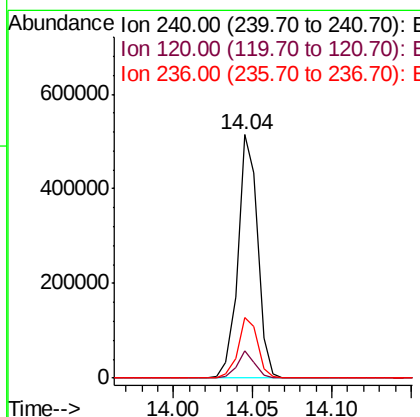
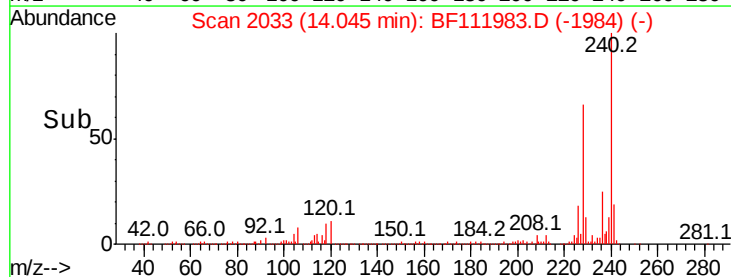
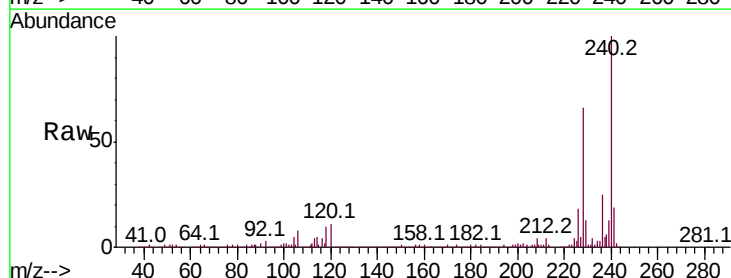
RT: 14.04 min Scan# 2033

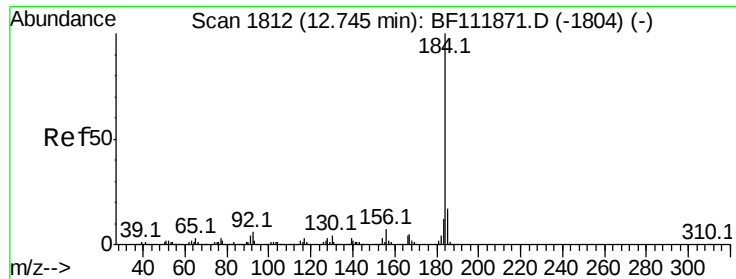
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	240	Resp:	441461
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.2	12.2
236	24.9	20.2	30.4





#77

Benzidine

Concen: 33.543 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

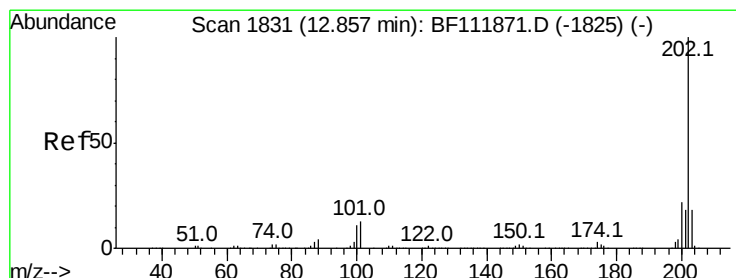
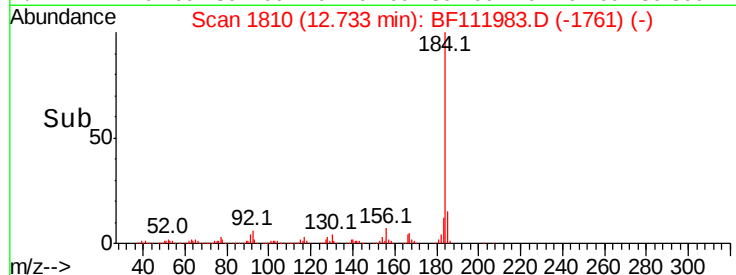
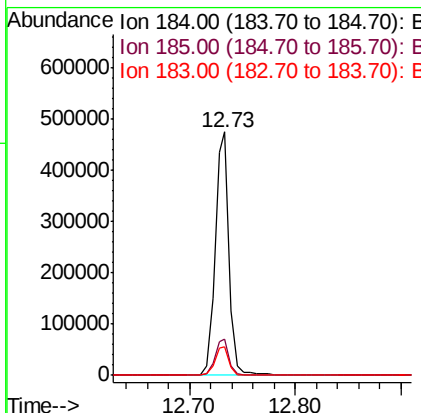
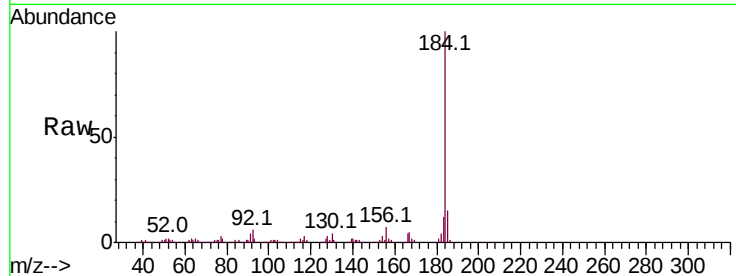
ClientSampleId :

PB116203BS

Tot Ion:	184	Resp:	442462
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.0
183	11.7	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 46.096 ng

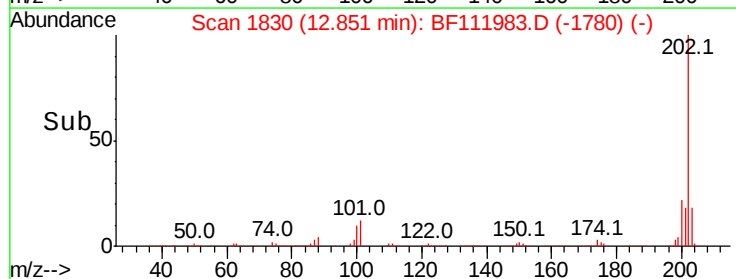
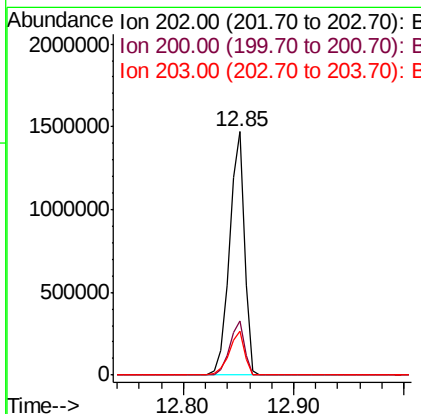
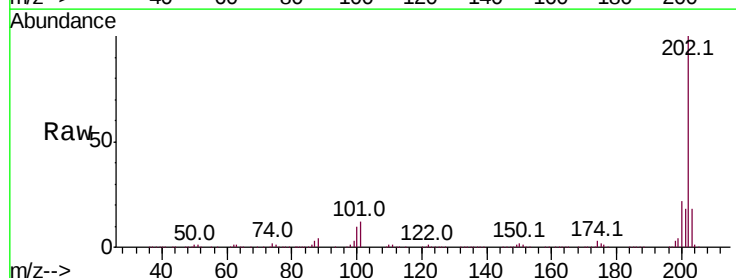
RT: 12.85 min Scan# 1830

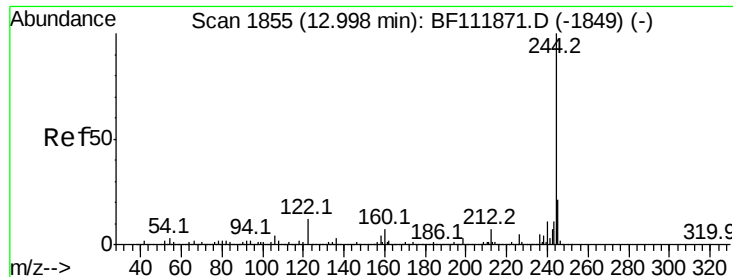
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	202	Resp:	1400192
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	18.0	14.6	21.8





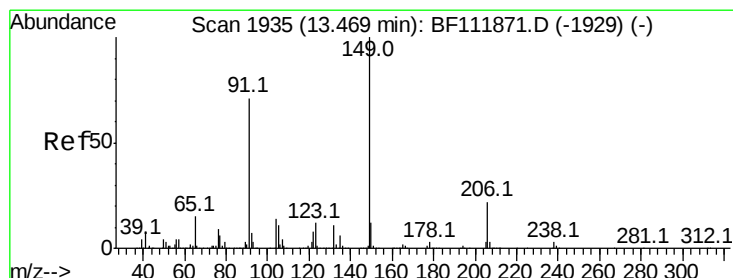
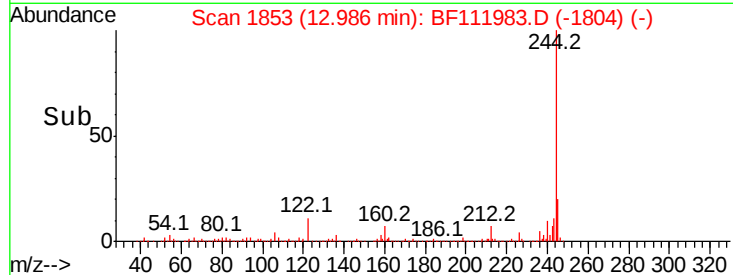
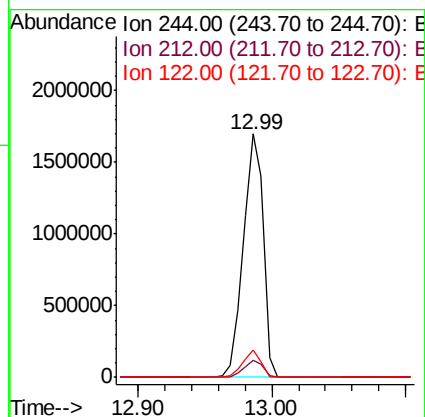
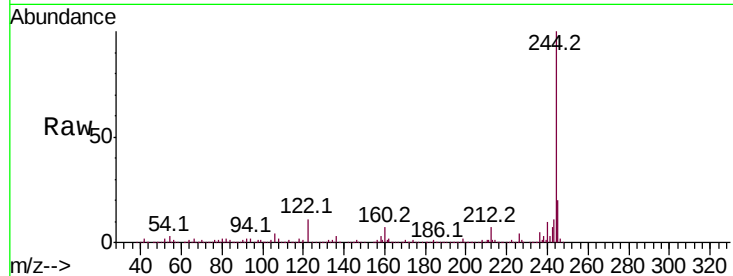
#79
 Terphenyl-d14
 Concen: 75.019 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB116203BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	9.5	14.3

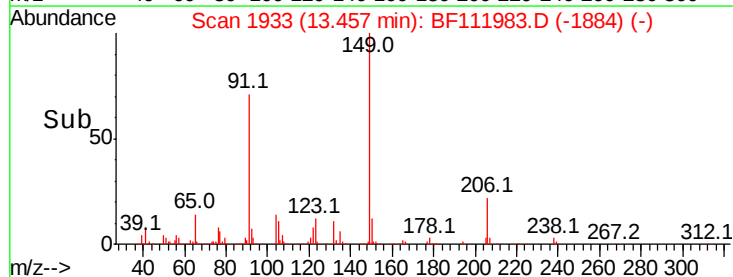
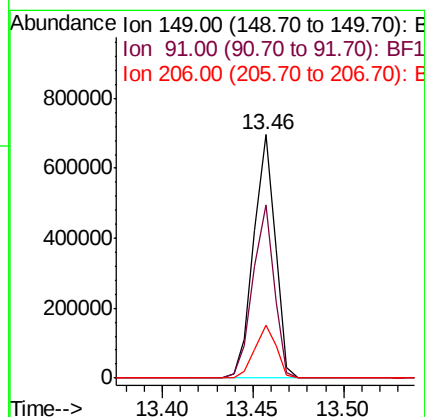
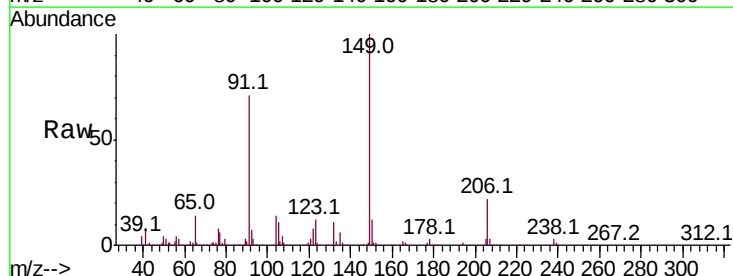
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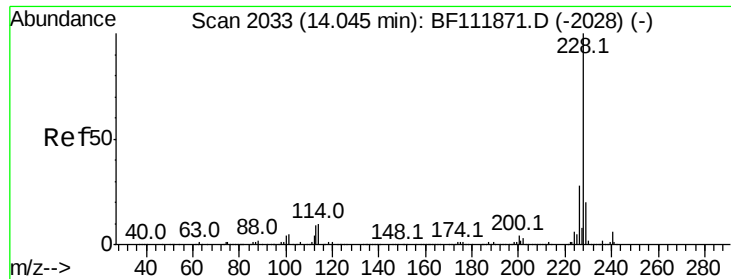
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#80
 Butylbenzylphthalate
 Concen: 45.205 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF111983.D
 Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.2	85.8
206	21.8	17.3	25.9





#81

Benzo(a)anthracene

Concen: 44.375 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion:228 Resp: 1127429

Ion Ratio Lower Upper

228 100

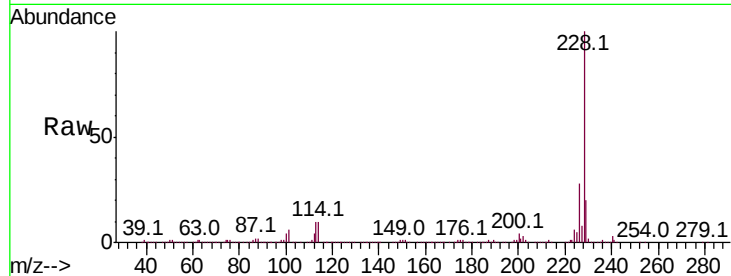
226 27.6 22.2 33.2

229 19.9 16.2 24.2

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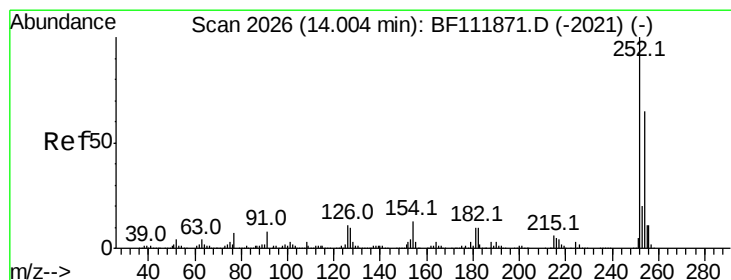
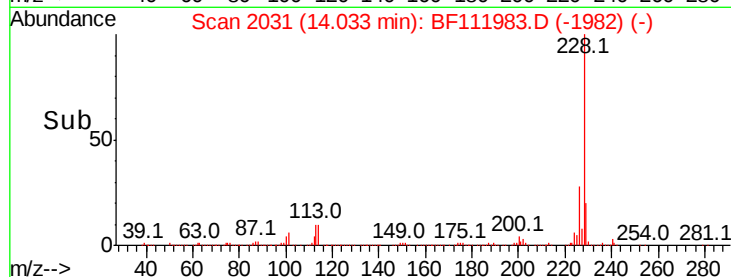
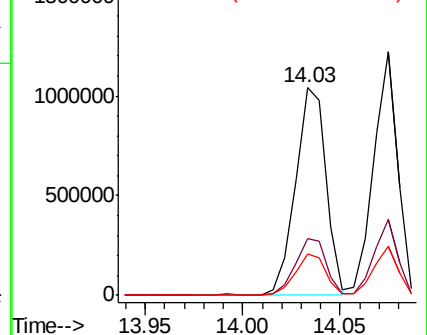
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.605 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

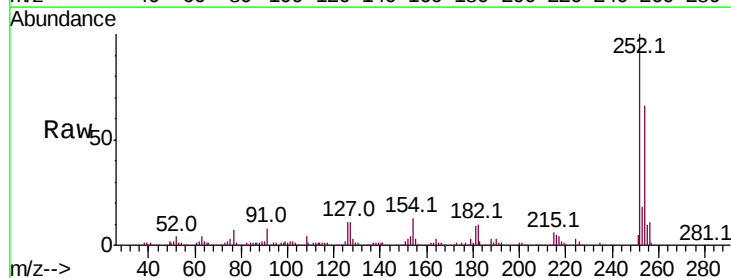
Tgt Ion:252 Resp: 287067

Ion Ratio Lower Upper

252 100

254 66.4 52.1 78.1

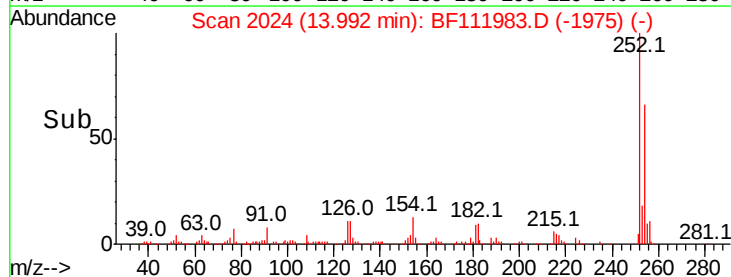
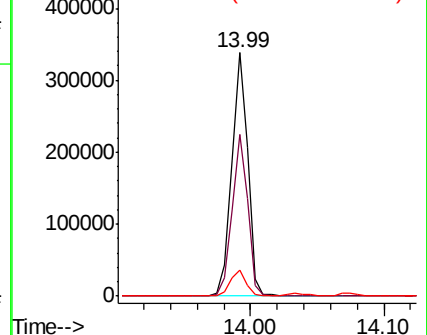
126 10.9 8.6 12.8

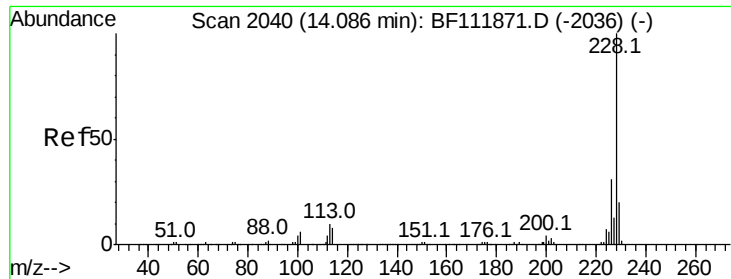


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.962 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

ClientSampleId :

PB116203BS

Tot Ion:228 Resp: 1040750

Ion Ratio Lower Upper

228 100

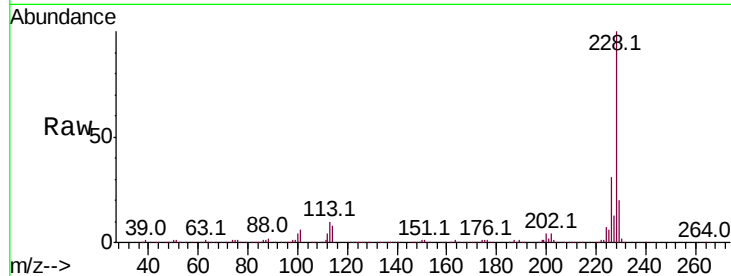
226 31.2 24.6 37.0

229 19.9 15.7 23.5

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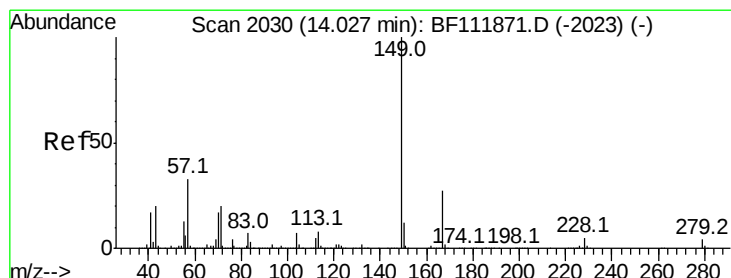
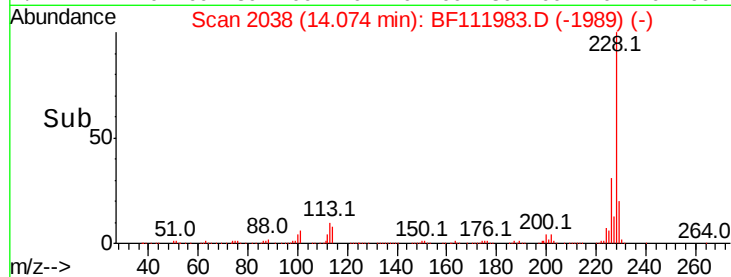
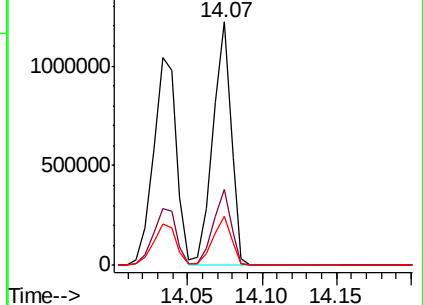
1/11/2019 4:42:50 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.767 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

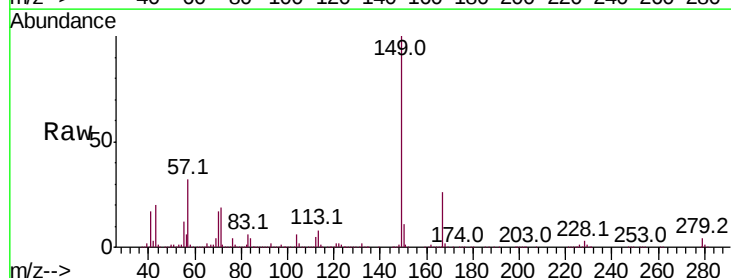
Tgt Ion:149 Resp: 754983

Ion Ratio Lower Upper

149 100

167 26.4 21.5 32.3

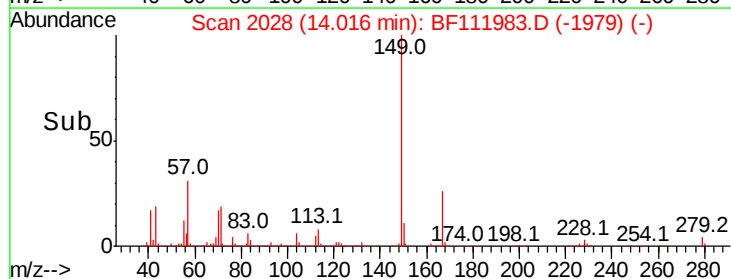
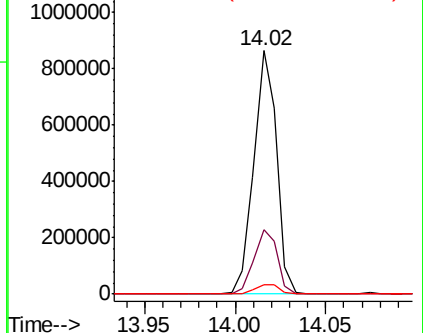
279 3.9 3.0 4.6

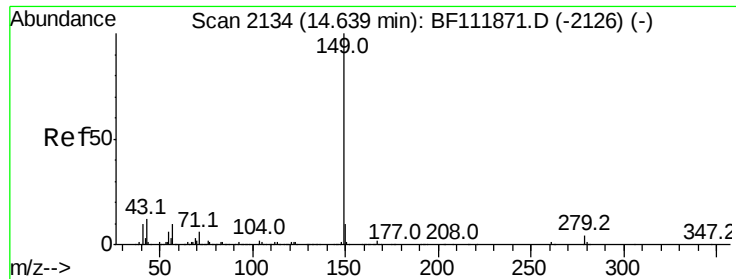


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





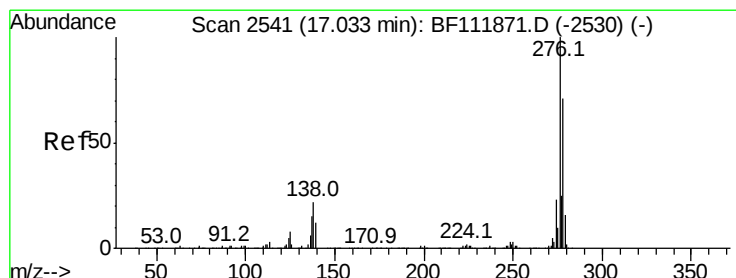
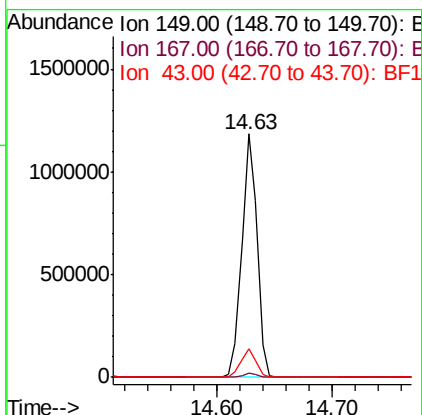
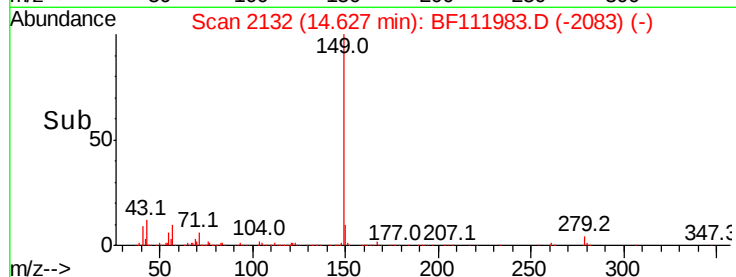
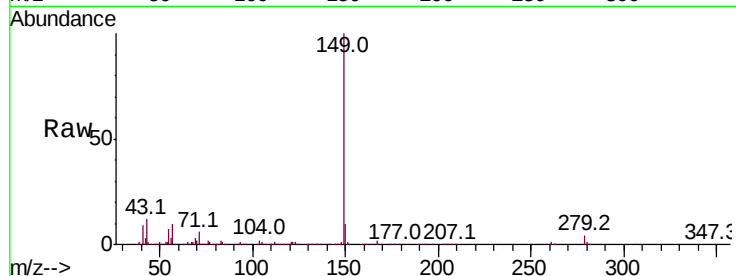
#85
Di-n-octyl phthalate
Concen: 44.826 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
PB116203BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.4	9.1	13.7

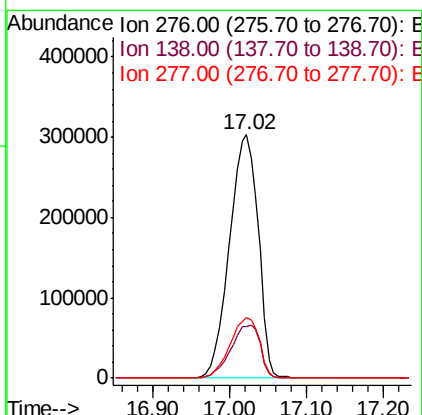
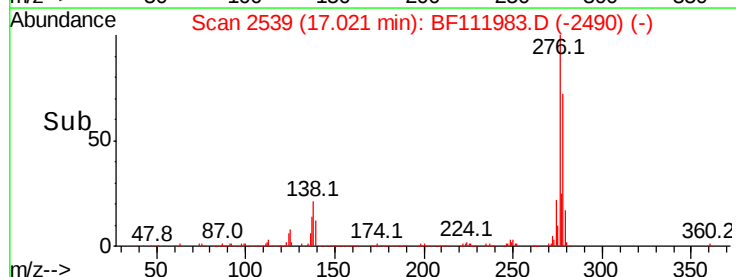
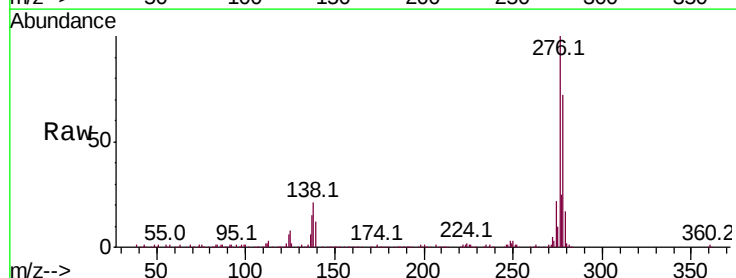
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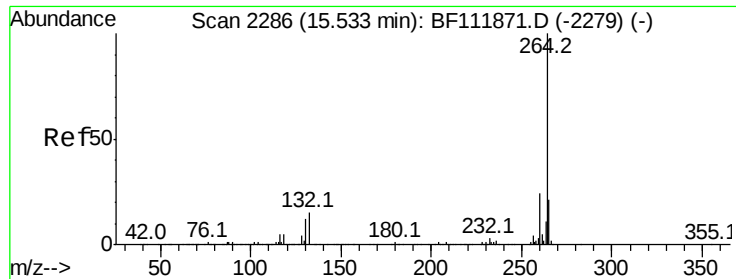
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1/11/2019 4:42:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.740 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.1	27.1
277	25.4	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

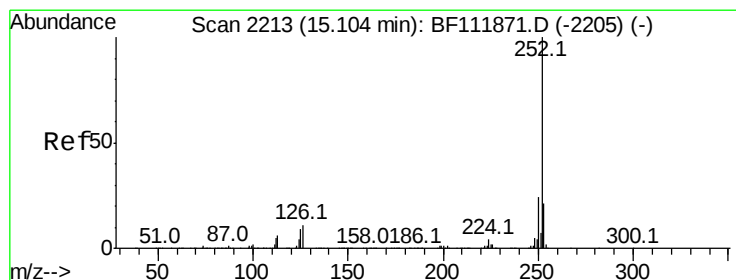
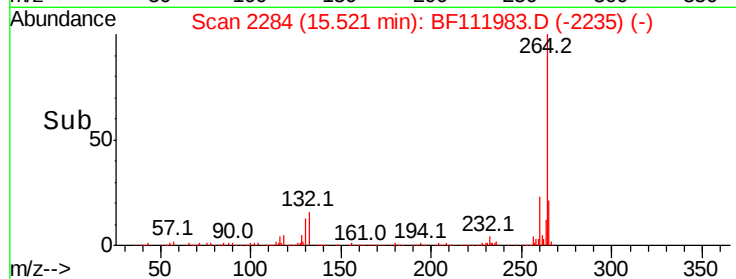
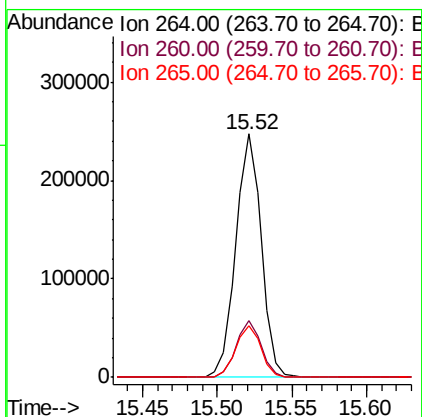
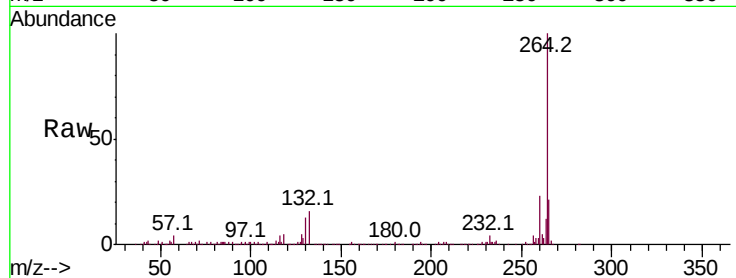
ClientSampleId :

PB116203BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 48.477 ng

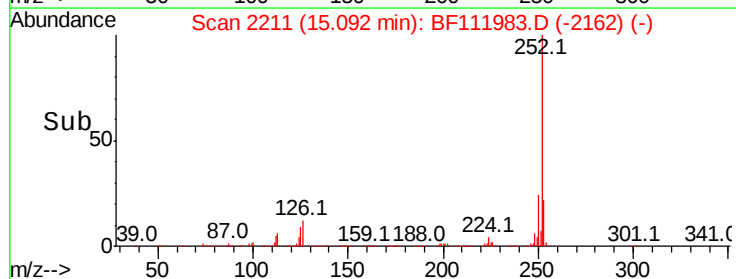
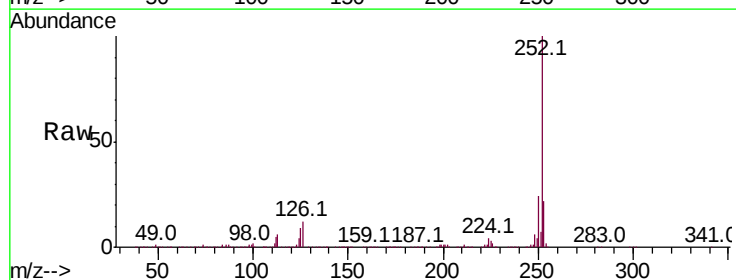
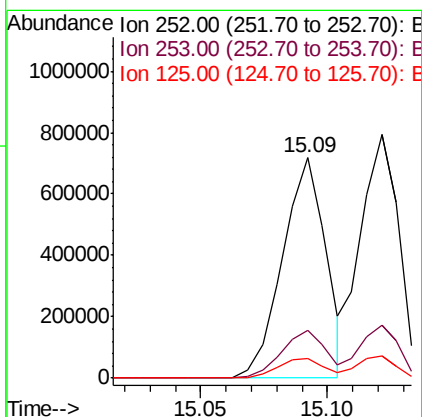
RT: 15.09 min Scan# 2211

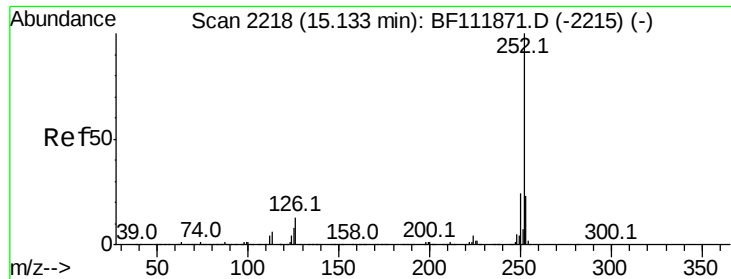
Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.9	7.1	10.7





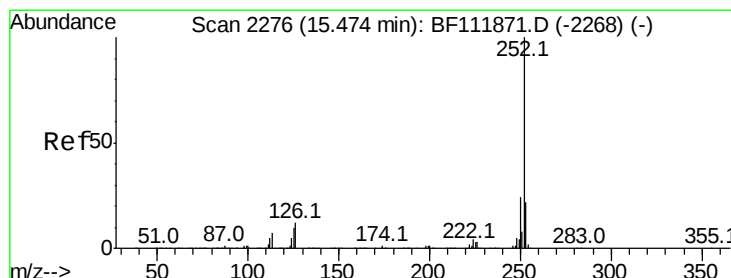
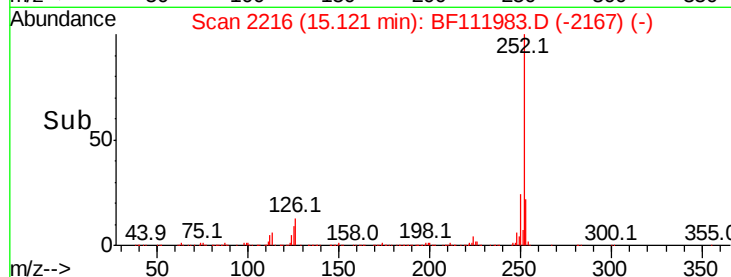
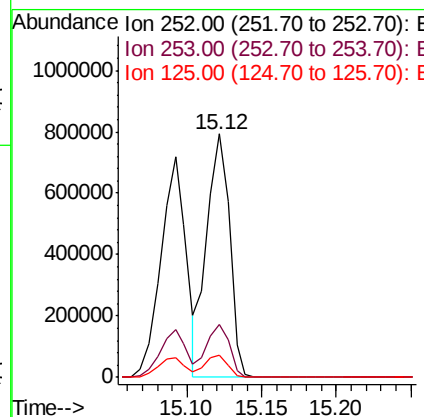
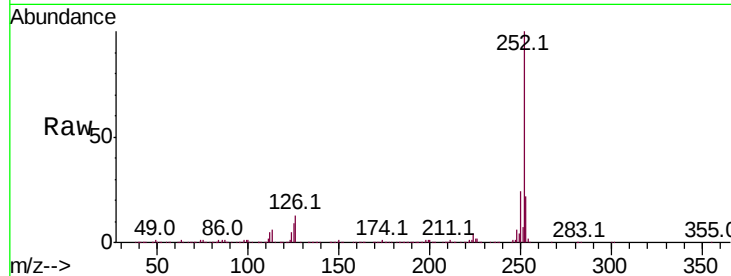
#89
Benzo(k)fluoranthene
Concen: 50.408 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Instrument :
BNA_F
ClientSampled :
PB116203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.3	7.0	10.4

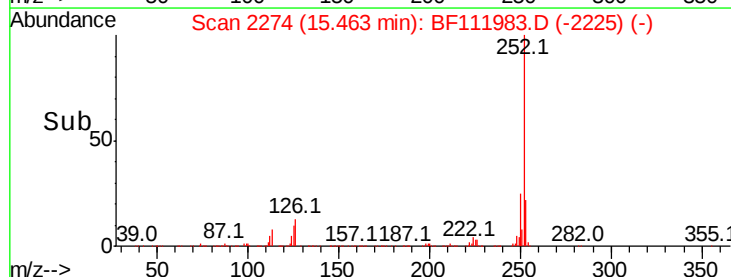
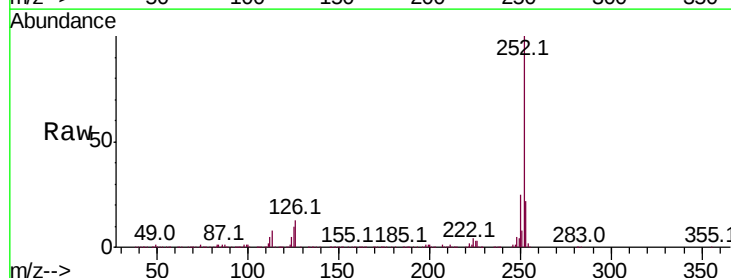
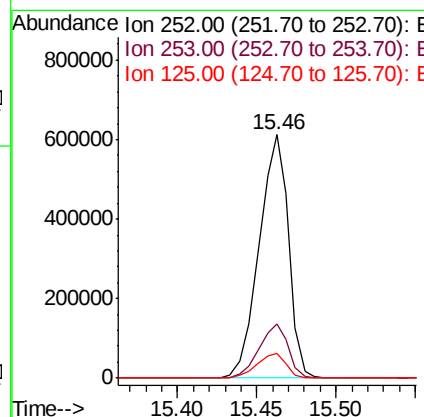
Manual Integrations
APPROVED

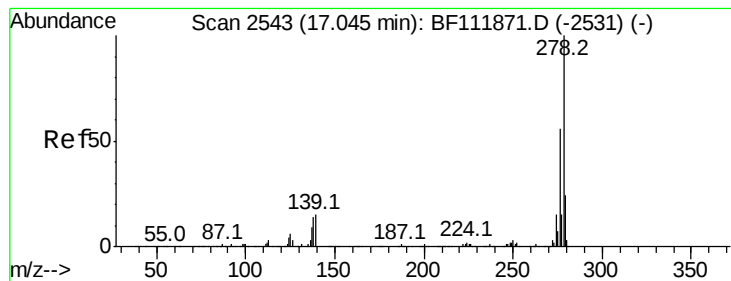
Sohil
1/11/2019 4:42:50 PM



#90
Benzo(a)pyrene
Concen: 51.002 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111983.D
Acq: 10 Jan 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.4	7.9	11.9





#91

Dibenzo(a,h)anthracene

Concen: 51.608 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Instrument :

BNA_F

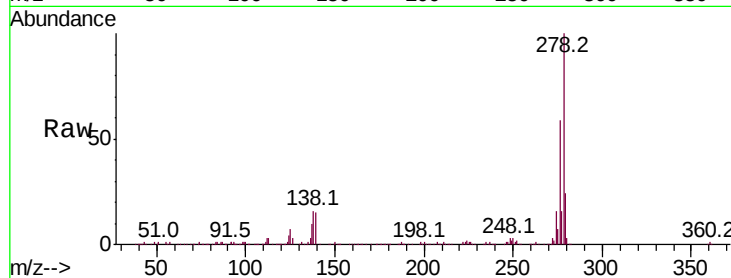
ClientSampled :

PB116203BS

Tot Ion:	278	Resp:	644362
Ion Ratio	Lower	Upper	
278	100		
139	14.5	11.8	17.6
279	24.0	19.4	29.2

Manual Integrations
APPROVED

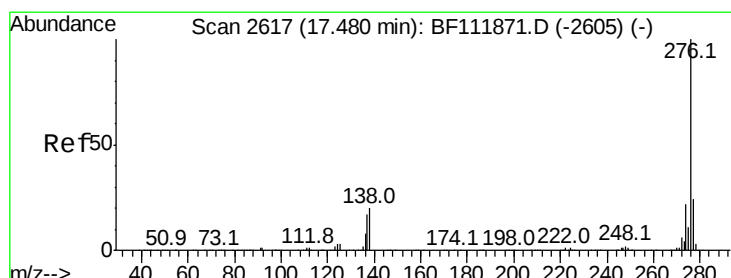
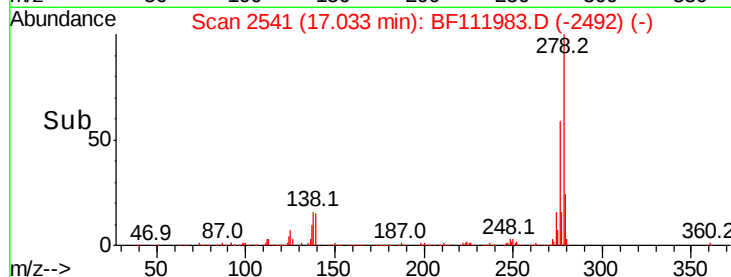
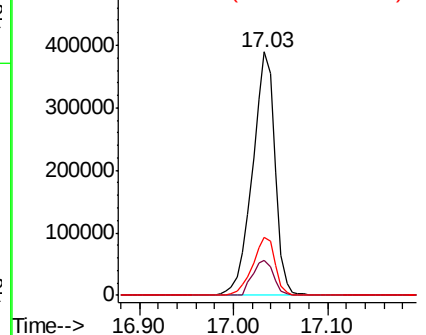
Sohil
1/11/2019 4:42:50 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.862 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BF111983.D

Acq: 10 Jan 2019 13:19

Tgt Ion:	276	Resp:	572291
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.6
138	19.8	16.2	24.2

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

