

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111249.D
 Acq On : 10 Dec 2018 18:29
 Operator : JU/SJ
 Sample : PB115276BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Manual Integrations
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Sohil
 12/11/2018 2:23:31 PM

Quant Time: Dec 11 05:40:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	571679	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2383618	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1139510	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1913477	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1211162	20.00	ng	0.00
87) Perylene-d12	15.39	264	1073965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3843421	106.16	ng	0.02
7) Phenol-d6	6.44	99	4989372	110.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	2675091	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1058005	104.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4359585	60.87	ng	0.00
79) Terphenyl-d14	12.91	244	3754351	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	666853	35.900	ng	98
3) Pyridine	3.36	79	1839836	37.282	ng	99
4) n-Nitrosodimethylamine	3.30	42	870491	41.372	ng	96
6) Aniline	6.46	93	1880904	31.355	ng	99
8) 2-Chlorophenol	6.59	128	1626396	39.522	ng	95
9) Benzaldehyde	6.35	77	714941	24.490	ng	99
10) Phenol	6.45	94	2008262	38.174	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1565212	38.470	ng	100
12) 1,3-Dichlorobenzene	6.74	146	1661272	37.571	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1682172	37.677	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1567510	37.642	ng	98
15) Benzyl Alcohol	6.95	79	1397765	39.258	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3026575	39.732	ng	100
17) 2-Methylphenol	7.06	107	1392691	41.452	ng	98
18) Hexachloroethane	7.32	117	647001	38.062	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	1157416	38.402	ng	96
20) 3+4-Methylphenols	7.21	107	1614735	40.407	ng	98
22) Acetophenone	7.21	105	2138303	39.207	ng	# 98
24) Nitrobenzene	7.38	77	1730488	39.124	ng	96
25) Isophorone	7.62	82	3235483	44.700	ng	99
26) 2-Nitrophenol	7.70	139	879118	40.004	ng	98
27) 2,4-Dimethylphenol	7.74	122	1541955	45.408	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2066657	41.232	ng	100
29) 2,4-Dichlorophenol	7.94	162	1394636	40.165	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1332039	38.946	ng	99
31) Naphthalene	8.10	128	4473911	43.006	ng	99
32) Benzoic acid	7.87	122	1186289	42.245	ng	98
33) 4-Chloroaniline	8.15	127	1183163	23.679	ng	96
34) Hexachlorobutadiene	8.23	225	706610	37.427	ng	98
35) Caprolactam	8.52	113	495716m	40.289	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1491454	41.952	ng	97
37) 2-Methylnaphthalene	8.80	142	3100003	44.883	ng	99
38) 1-Methylnaphthalene	8.90	142	2945233	43.544	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1069076	33.717	ng	98

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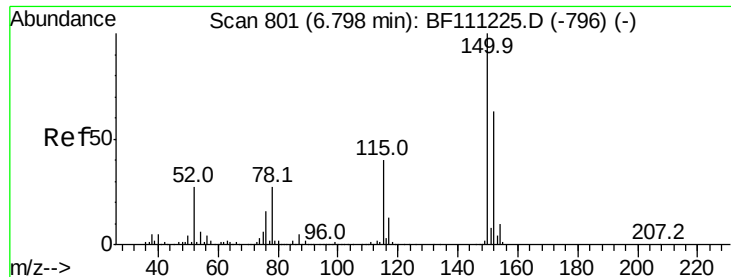
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1470682	81.446	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	912067	38.321	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	926488	37.368	ng	96
46) 1,1'-Biphenyl	9.26	154	3390193	35.686	ng	99
47) 2-Chloronaphthalene	9.29	162	2724319	36.538	ng	100
48) 2-Nitroaniline	9.37	65	977183	38.420	ng	99
49) Acenaphthylene	9.70	152	4221417	39.000	ng	99
50) Dimethylphthalate	9.56	163	3120792	37.117	ng	100
51) 2,6-Dinitrotoluene	9.62	165	744424	40.091	ng	94
52) Acenaphthene	9.87	154	2812928	41.411	ng	100
53) 3-Nitroaniline	9.79	138	557787	24.337	ng	95
54) 2,4-Dinitrophenol	9.89	184	618935	84.352	ng	93
55) Dibenzofuran	10.05	168	3661716	39.624	ng	98
56) 4-Nitrophenol	9.95	139	1324497	74.202	ng	98
57) 2,4-Dinitrotoluene	10.02	165	976470	42.658	ng	90
58) Fluorene	10.39	166	2686168	37.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	781805	41.600	ng	99
60) Diethylphthalate	10.27	149	3005712	37.497	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1223229	34.451	ng	99
62) 4-Nitroaniline	10.40	138	821268	37.871	ng	96
63) Azobenzene	10.54	77	3145974	37.802	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	408281	36.288	ng	85
66) n-Nitrosodiphenylamine	10.50	169	2542738	39.037	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	800248	38.183	ng	96
68) Hexachlorobenzene	10.94	284	811135	38.046	ng	98
69) Atrazine	11.03	200	795947	40.185	ng	98
70) Pentachlorophenol	11.13	266	961456	62.165	ng	95
71) Phenanthrene	11.35	178	3728510	38.632	ng	99
72) Anthracene	11.40	178	3889323	38.518	ng	99
73) Carbazole	11.55	167	3678572	34.841	ng	99
74) Di-n-butylphthalate	11.89	149	4211867	38.811	ng	100
75) Fluoranthene	12.53	202	3683701	41.782	ng	96
77) Benzidine	12.65	184	1903853	52.941	ng	99
78) Pyrene	12.76	202	3753060	43.363	ng	99
80) Butylbenzylphthalate	13.39	149	1856264	41.061	ng	94
81) Benzo(a)anthracene	13.95	228	2756000	40.787	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	763983	27.585	ng	98
83) Chrysene	13.99	228	2822518	40.519	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2113838	39.351	ng	99
85) Di-n-octyl phthalate	14.56	149	3668372	40.743	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2536937	45.117	ng	99
88) Benzo(b)fluoranthene	14.98	252	2462564	41.462	ng	99
89) Benzo(k)fluoranthene	15.01	252	2436093	43.626	ng	98
90) Benzo(a)pyrene	15.33	252	2371603	43.362	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2071383	48.218	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2173613	50.545	ng	96

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



#1

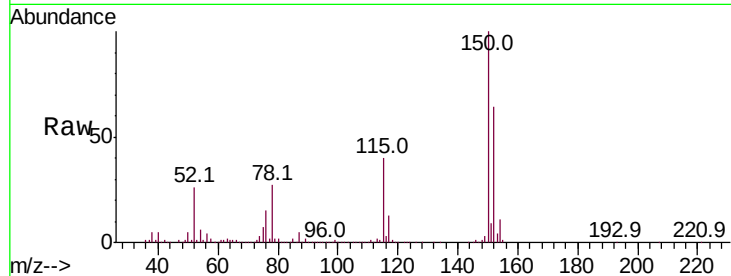
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	62.6	50.7	76.1

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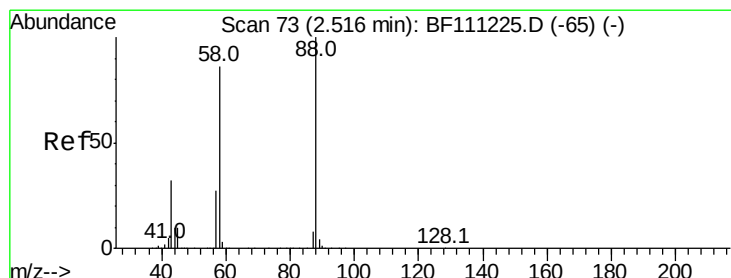
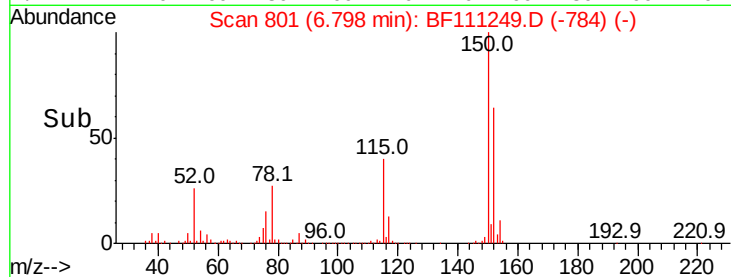
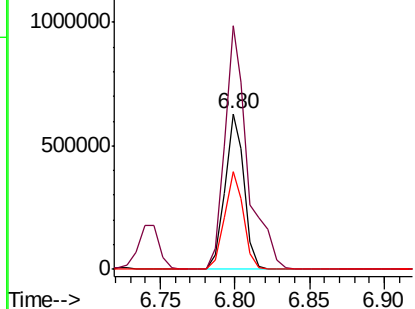


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

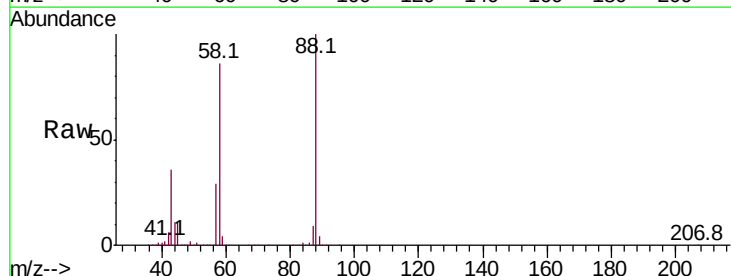
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.900 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.9	103.3
43	34.4	25.8	38.6

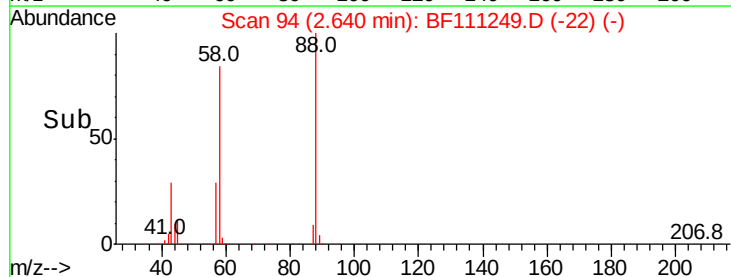
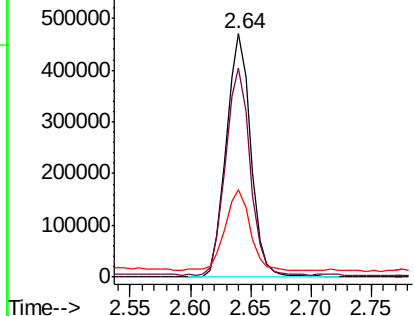


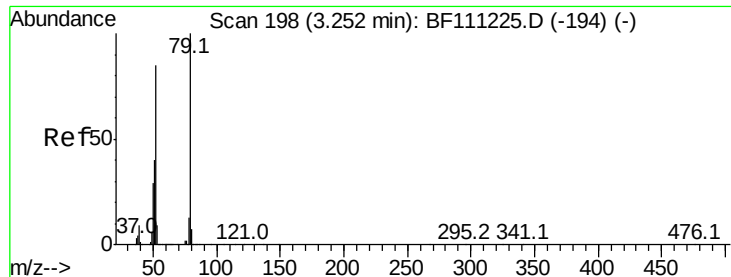
Abundance

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: 37.282 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.11 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion: 79 Resp: 1839836

Ion Ratio Lower Upper

79 100

52 84.8 68.3 102.5

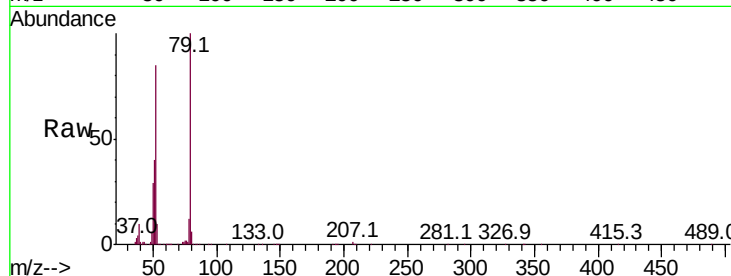
51 40.5 32.6 49.0

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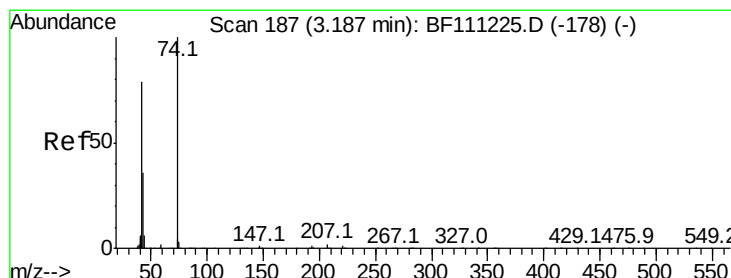
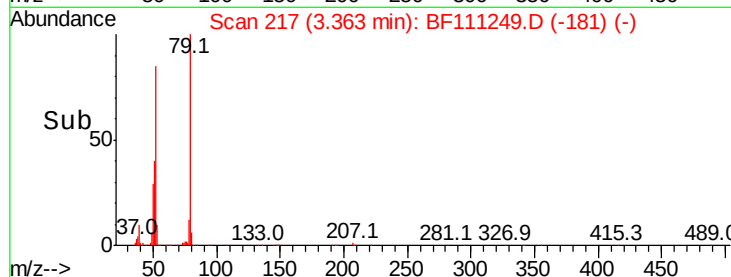
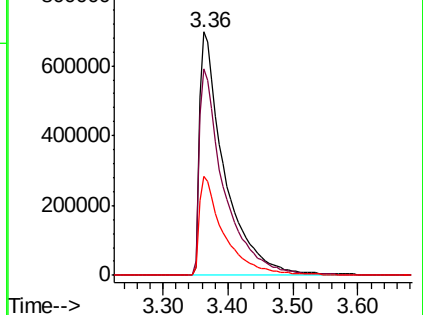
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.372 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.12 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

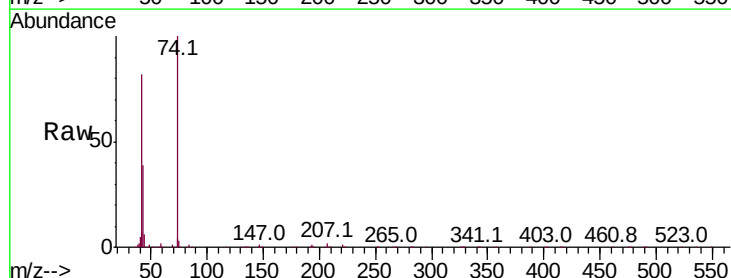
Tgt Ion: 42 Resp: 870491

Ion Ratio Lower Upper

42 100

74 121.9 101.5 152.3

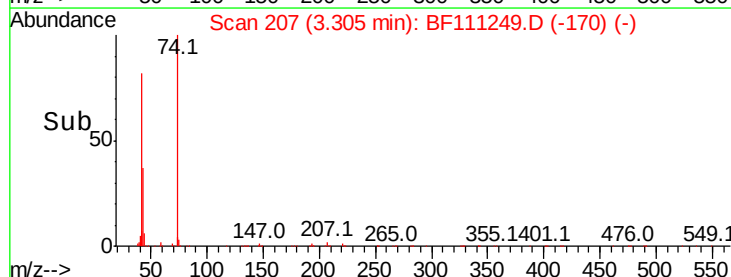
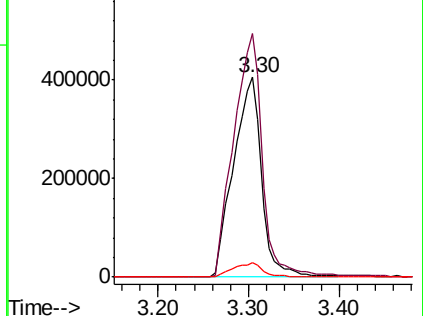
44 7.5 6.0 9.0

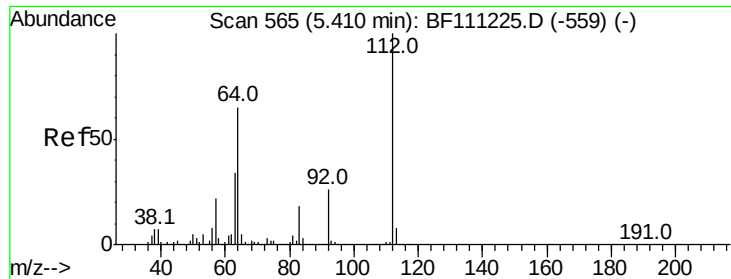


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.161 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:112 Resp: 3843421

Ion Ratio Lower Upper

112 100

64 66.9 51.8 77.6

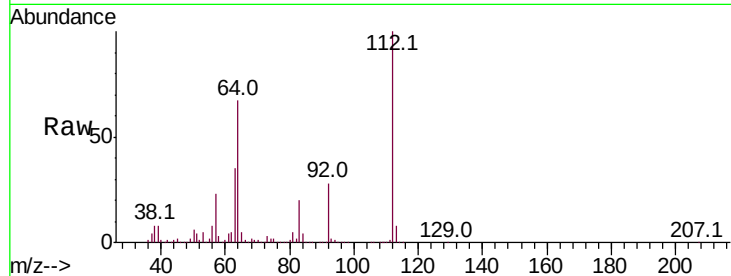
63 35.5 26.8 40.2

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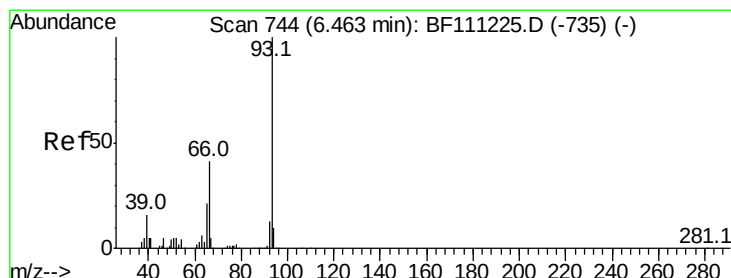
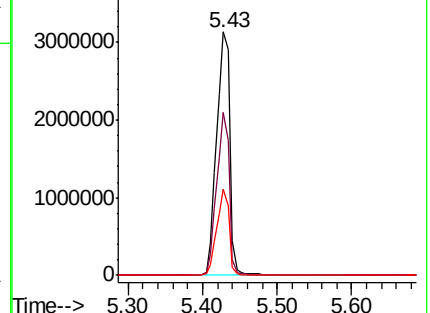
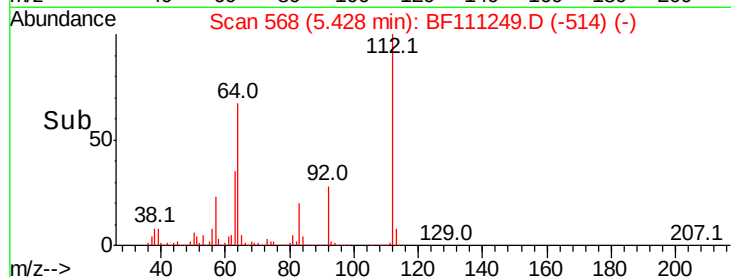
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.355 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

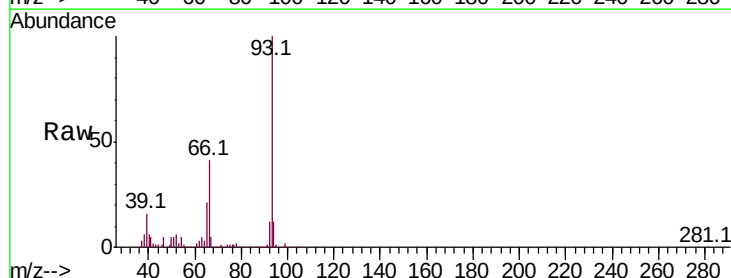
Tgt Ion: 93 Resp: 1880904

Ion Ratio Lower Upper

93 100

66 40.6 33.2 49.8

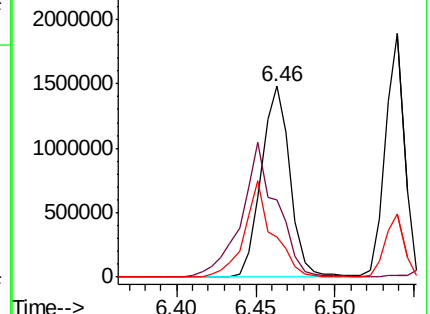
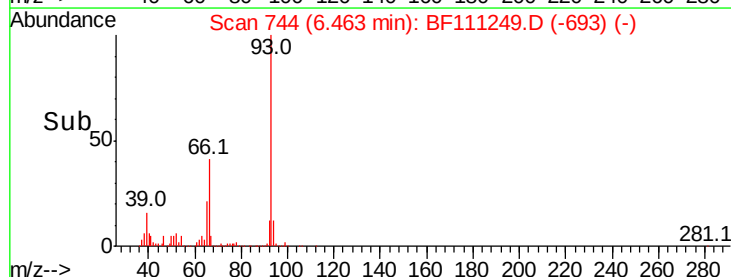
65 21.0 17.0 25.4

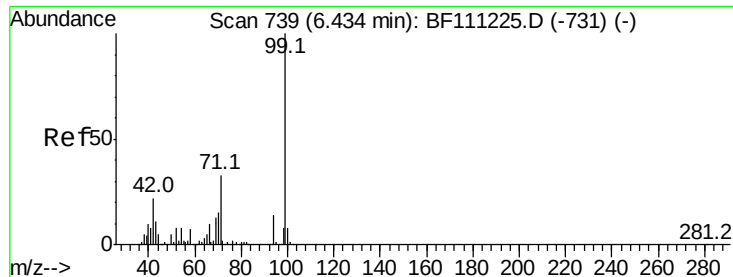


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.895 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion: 99 Resp: 4989372

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

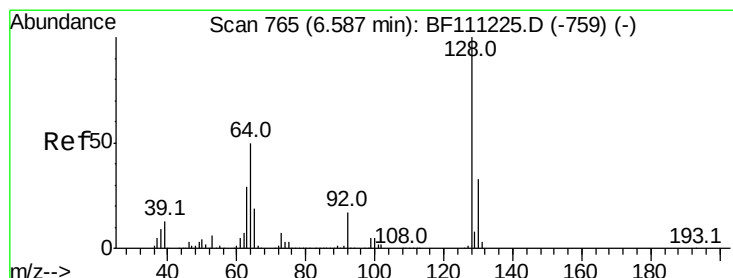
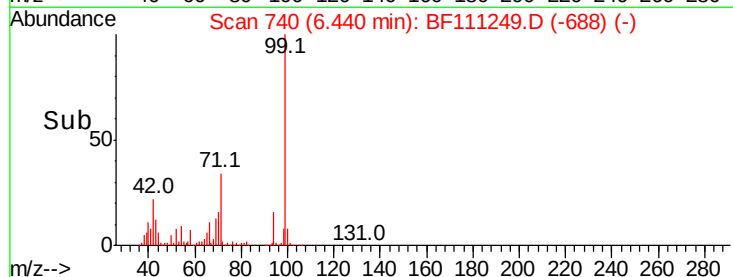
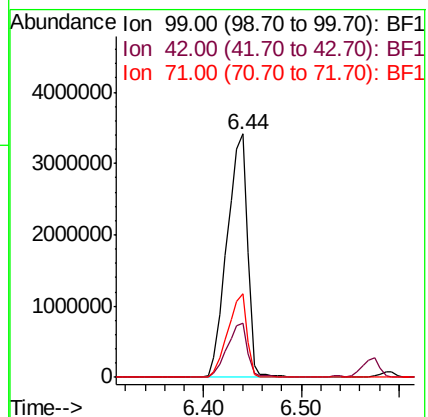
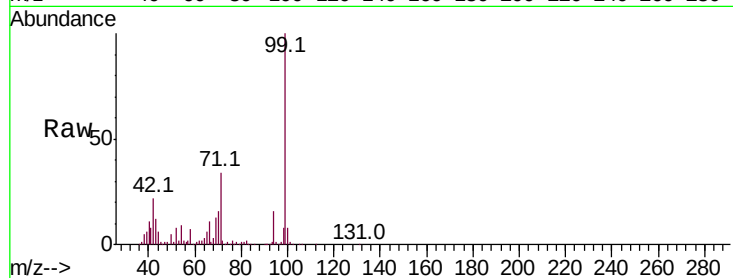
71 34.3 26.1 39.1

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#8

2-Chlorophenol

Concen: 39.522 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

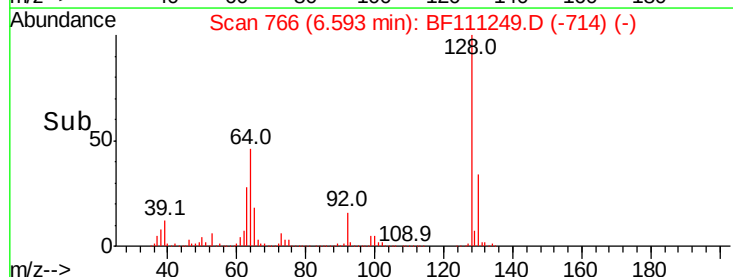
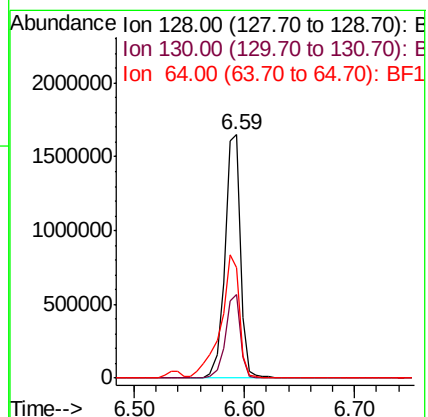
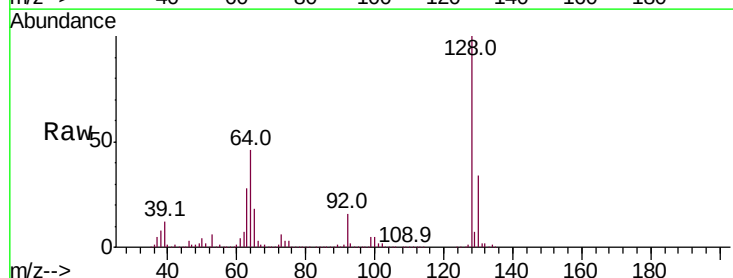
Tgt Ion: 128 Resp: 1626396

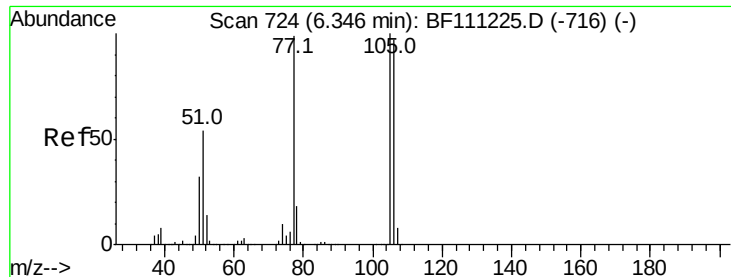
Ion Ratio Lower Upper

128 100

130 34.2 12.7 52.7

64 45.5 30.0 70.0





#9

Benzaldehyde

Concen: 24.490 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

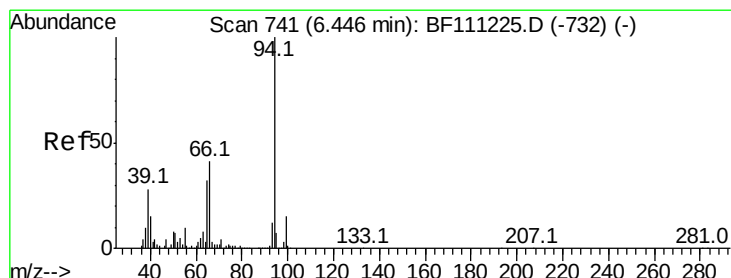
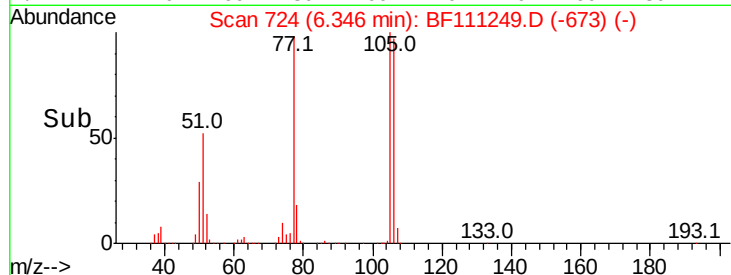
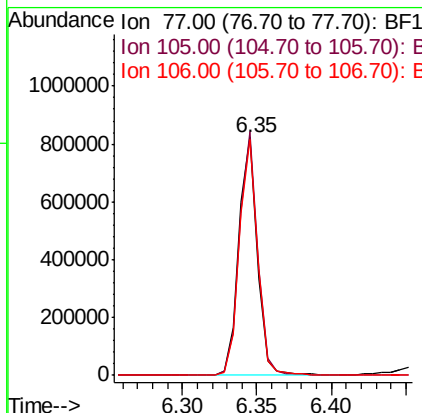
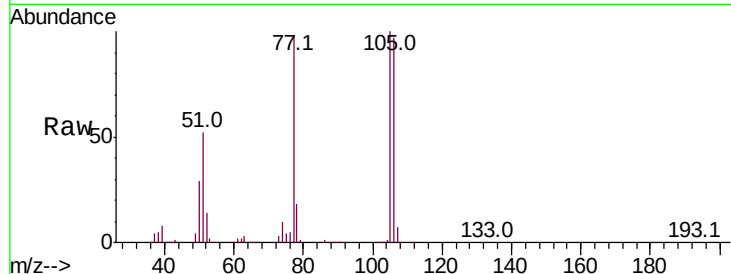
ClientSampleId :

PB115276BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	81.4	121.4
106	99.2	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 38.174 ng

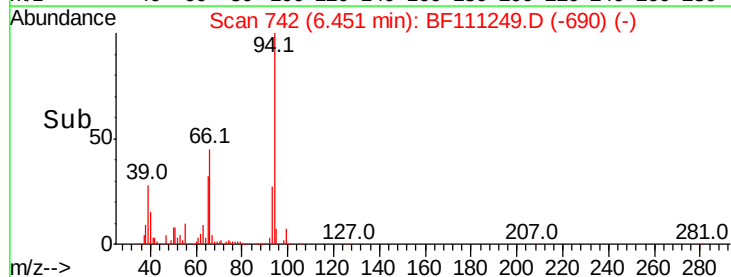
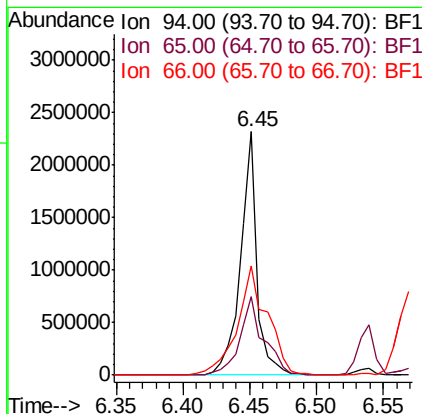
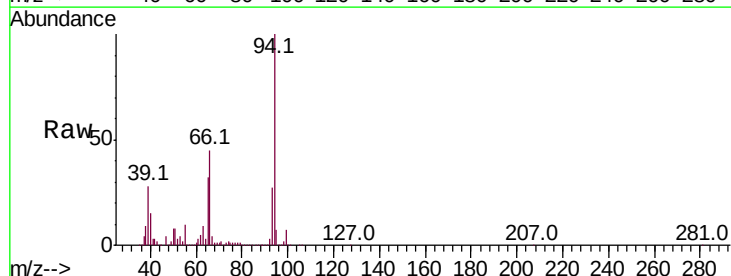
RT: 6.45 min Scan# 742

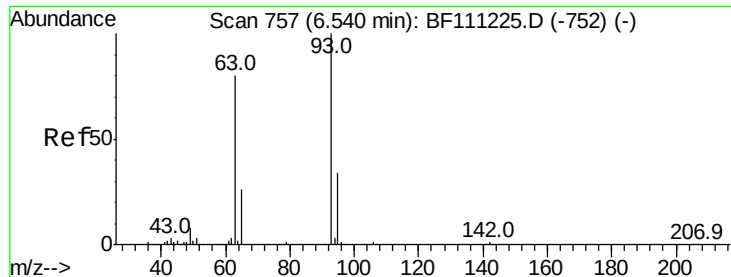
Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.7	51.7
66	45.1	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 38.470 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

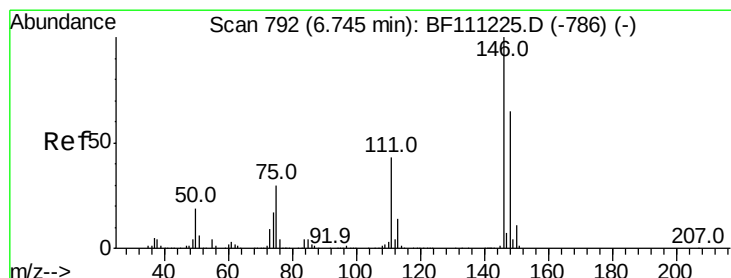
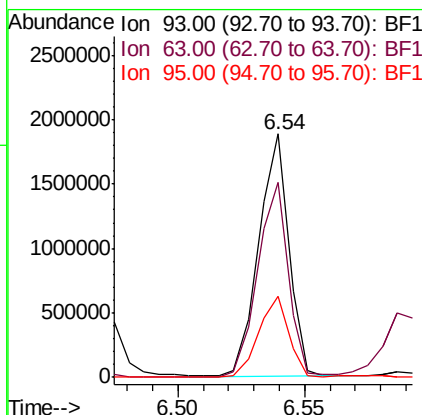
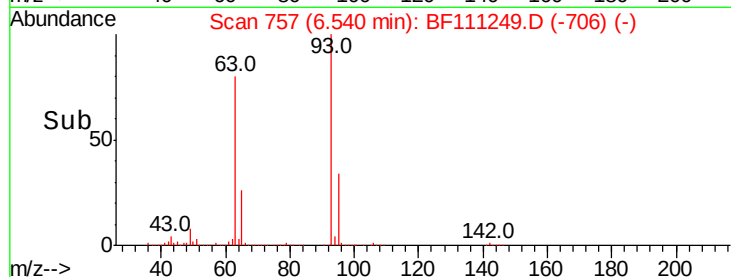
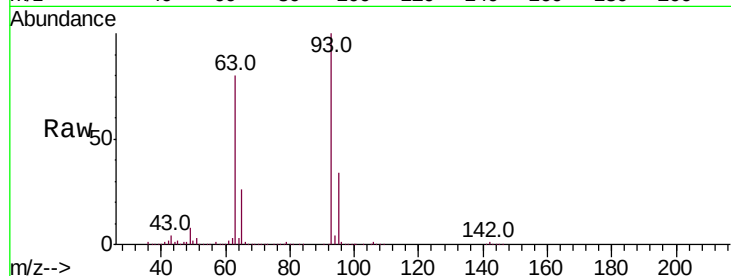
ClientSampleId :

PB115276BSD

Tot Ion:	93	Resp:	1565212
Ion	Ratio	Lower	Upper
93	100		
63	80.1	60.0	100.0
95	33.5	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 37.571 ng

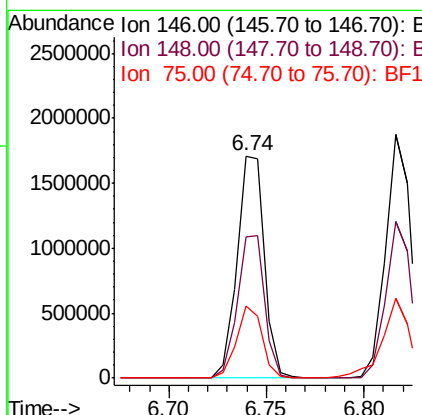
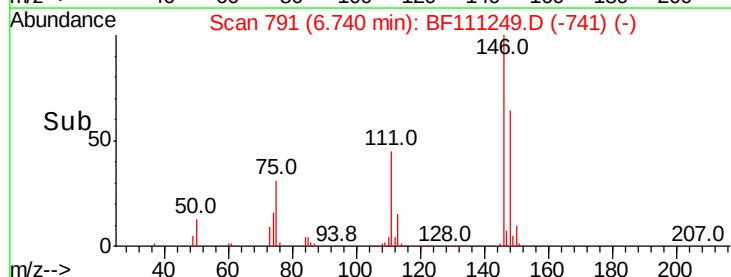
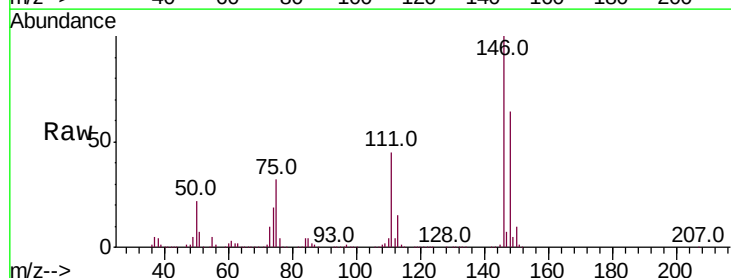
RT: 6.74 min Scan# 791

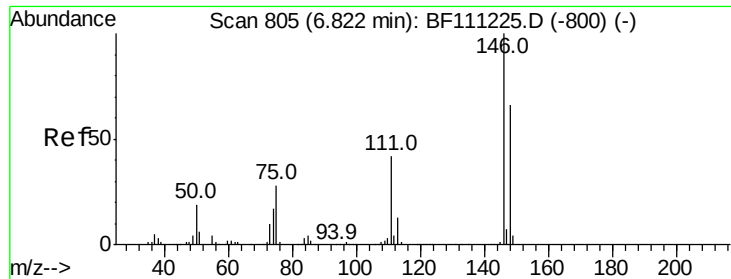
Delta R.T. -0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Tgt Ion:	146	Resp:	1661272
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
75	32.3	23.9	35.9





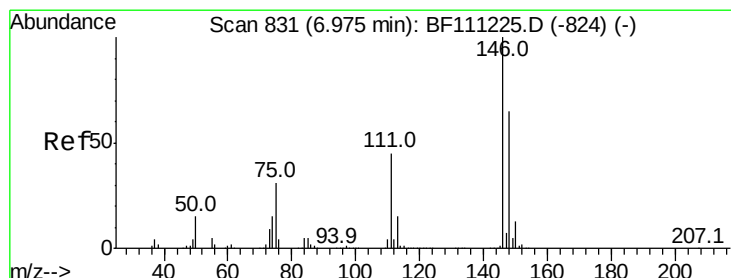
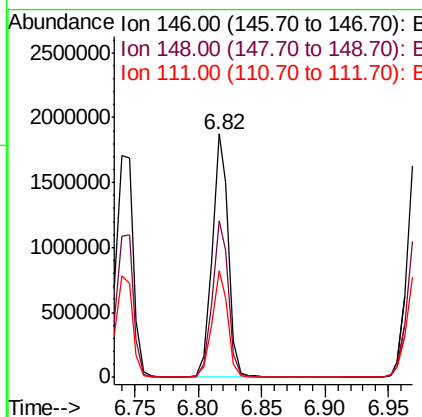
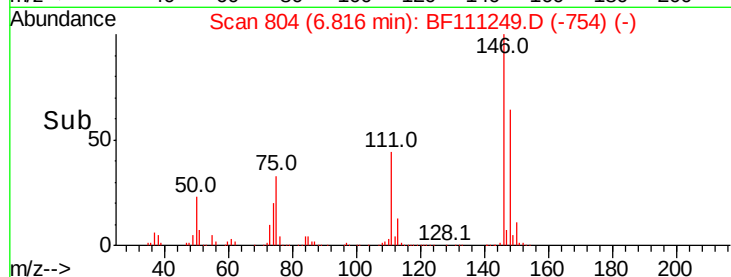
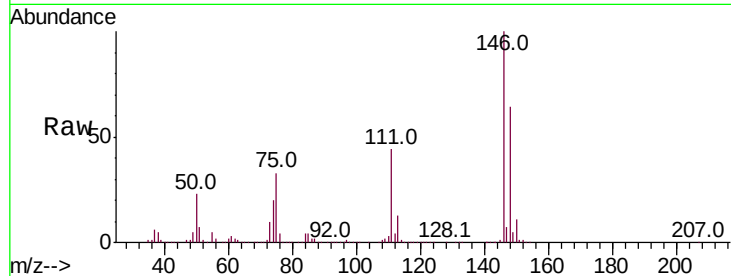
#13
1,4-Dichlorobenzene
Concen: 37.677 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleID :
PB115276BSD

Tot Ion:146 Resp: 1682172
Ion Ratio Lower Upper
146 100
148 64.5 52.8 79.2
111 44.0 33.4 50.0

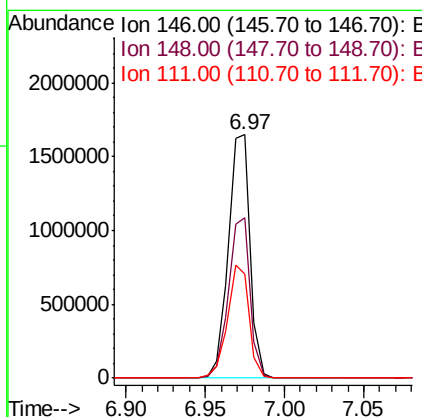
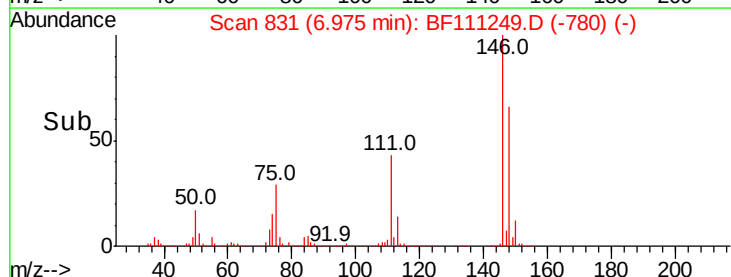
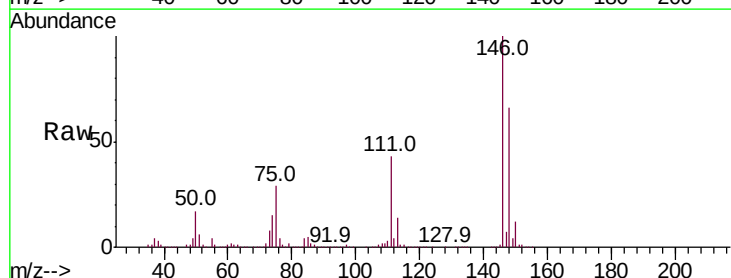
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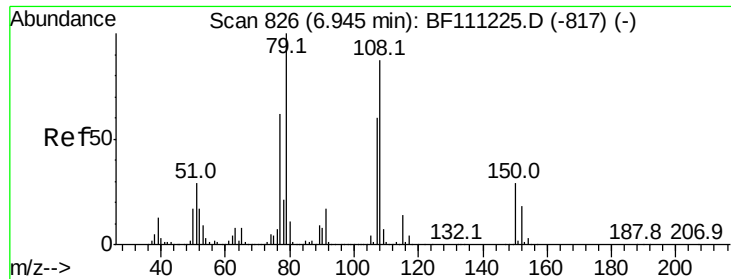
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#14
1,2-Dichlorobenzene
Concen: 37.642 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:146 Resp: 1567510
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
111 42.9 36.2 54.4





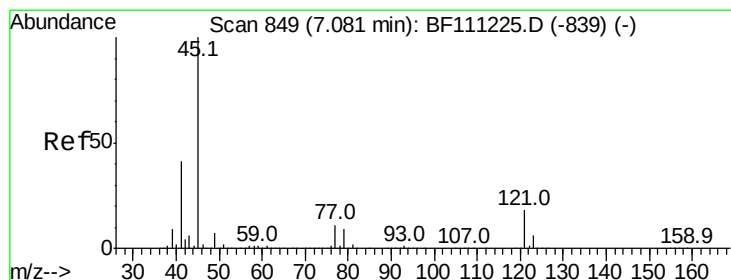
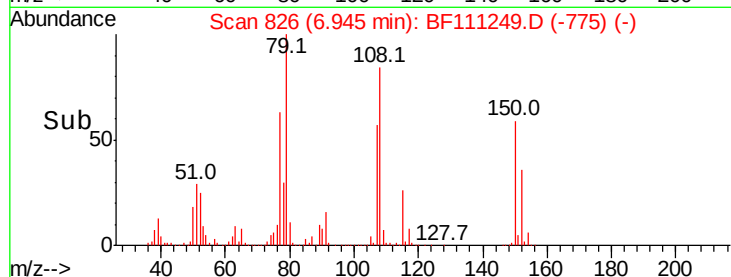
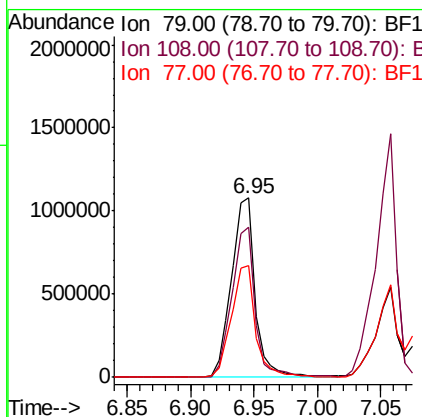
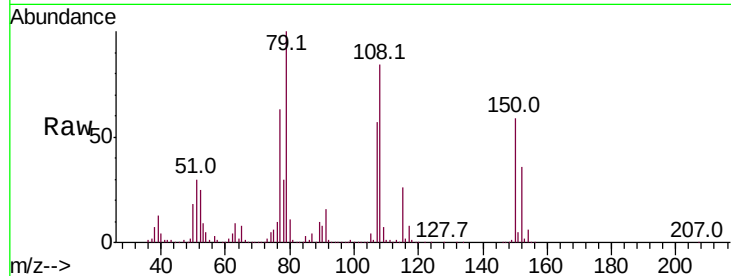
#15
Benzyl Alcohol
Concen: 39.258 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion: 79 Resp: 1397765
Ion Ratio Lower Upper
79 100
108 84.2 69.4 104.2
77 62.7 49.7 74.5

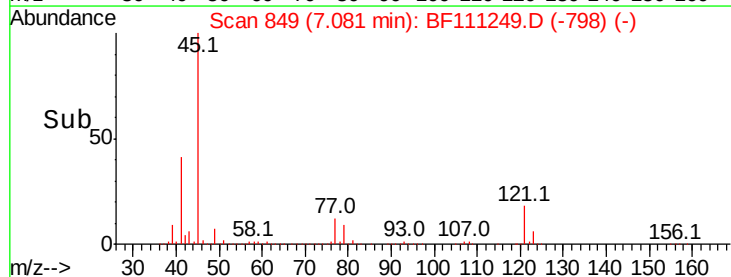
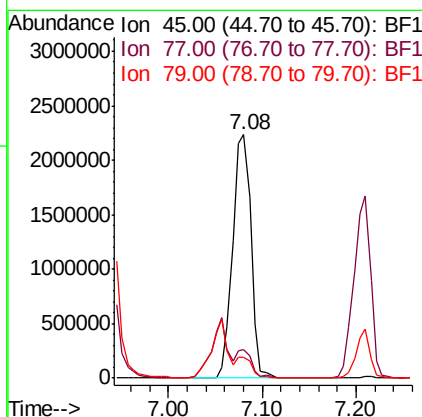
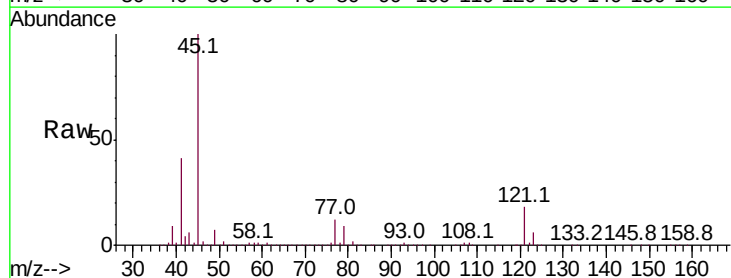
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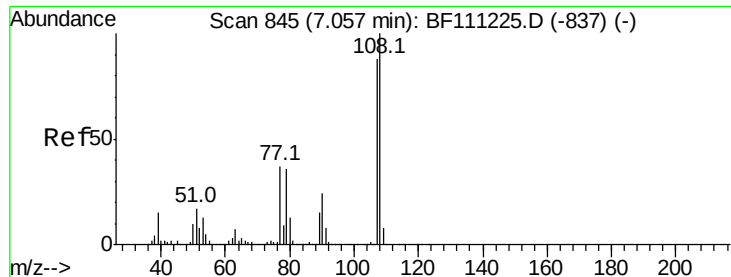
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.732 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 45 Resp: 3026575
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 8.8 0.0 28.9





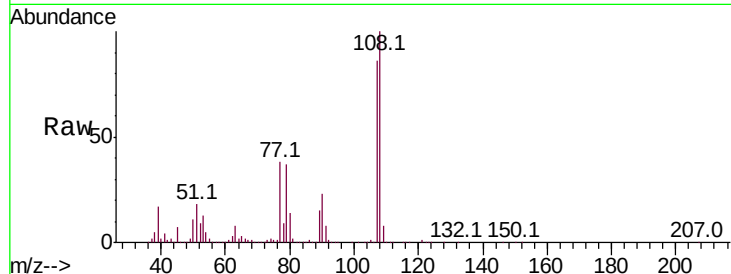
#17
2-Methylphenol
Concen: 41.452 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	107	Resp	1392691
Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.0	136.4
77	44.1	33.5	50.3
79	42.6	33.3	49.9

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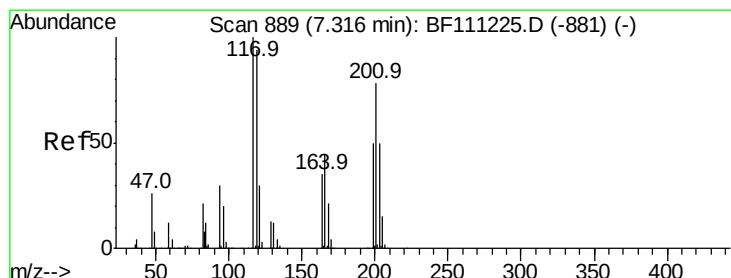
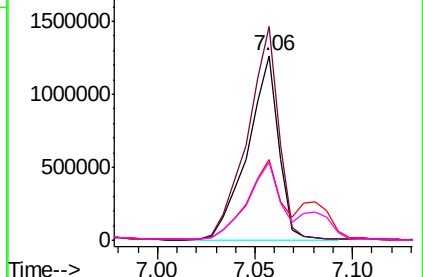
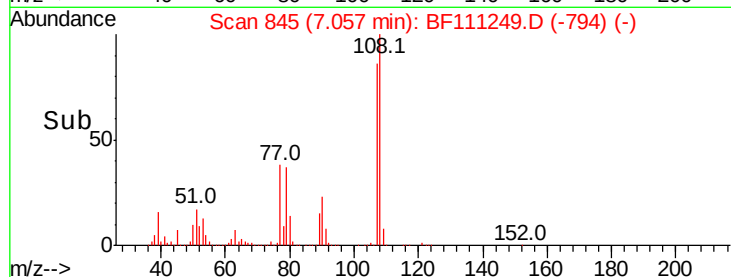
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

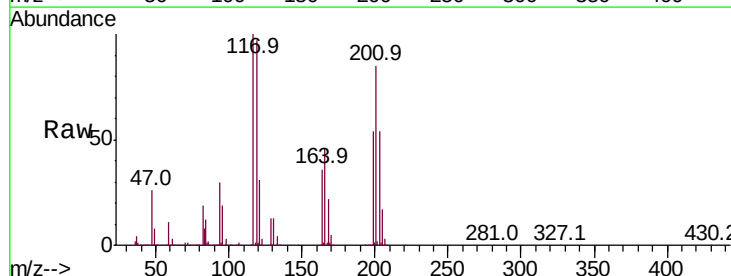
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.062 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	117	Resp	647001
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	84.8	62.4	93.6

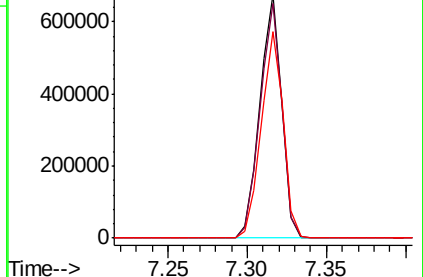
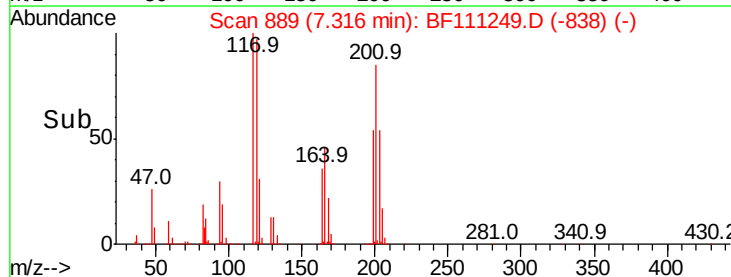


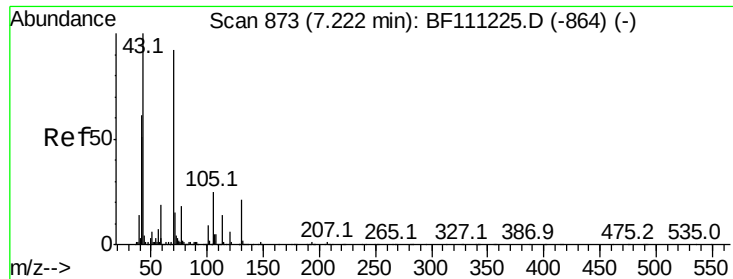
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





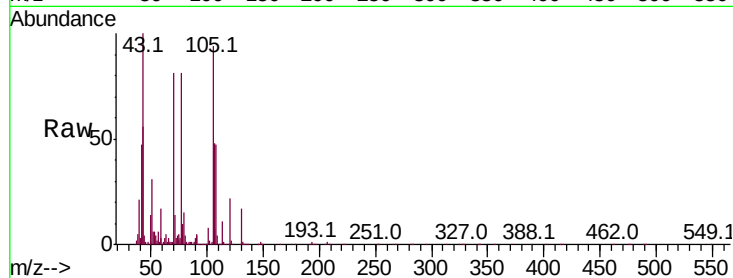
#19
n-Nitroso-di-n-propylamine
Concen: 38.402 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

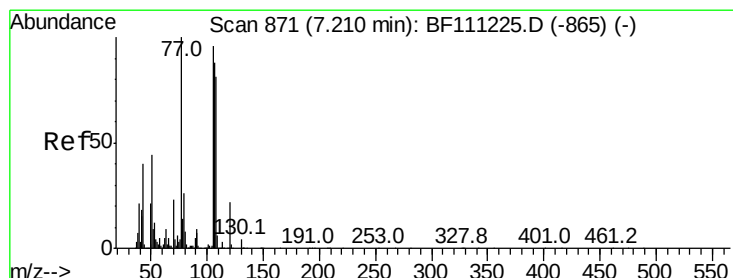
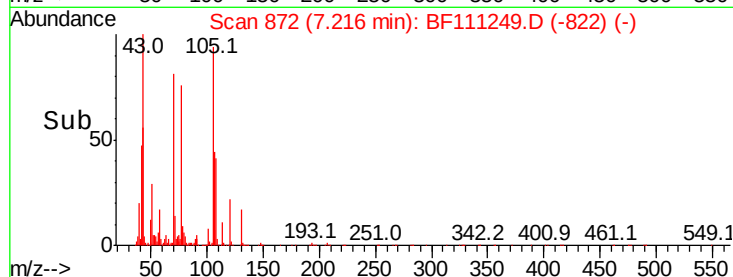
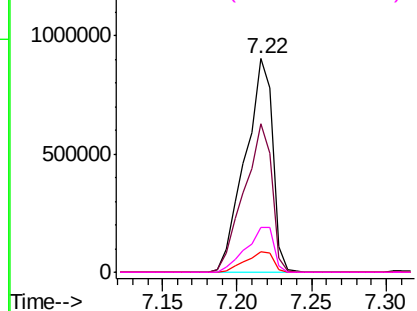
Tot Ion: 70 Resp: 1157416
Ion Ratio Lower Upper
70 100
42 69.8 53.2 79.8
101 9.7 8.2 12.4
130 21.0 18.1 27.1

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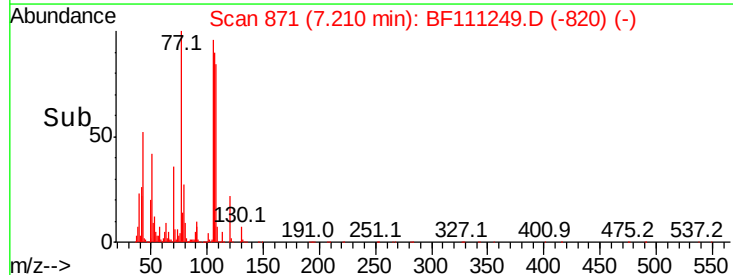
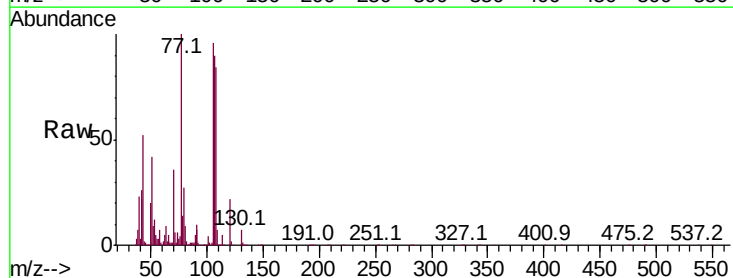
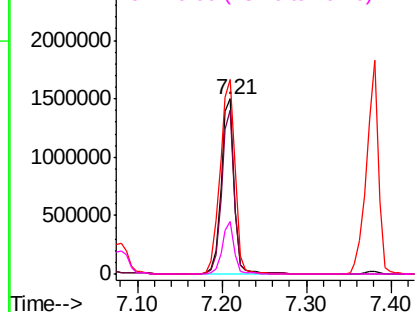
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

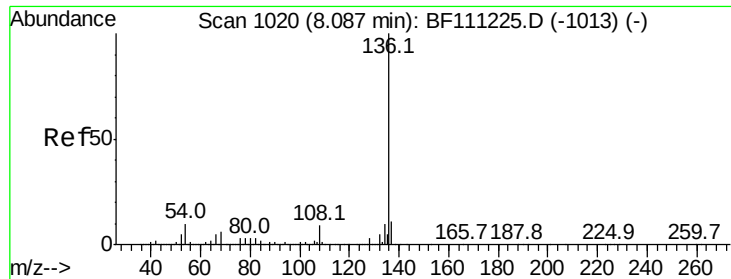


#20
3+4-Methylphenols
Concen: 40.407 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 107 Resp: 1614735
Ion Ratio Lower Upper
107 100
108 93.7 72.1 112.1
77 111.2 94.1 134.1
79 30.0 9.8 49.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





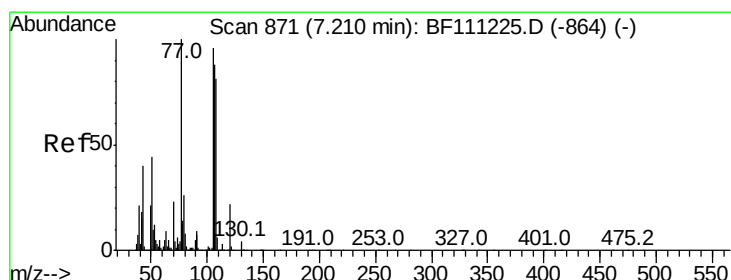
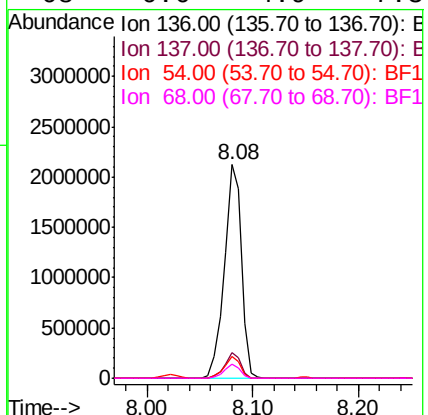
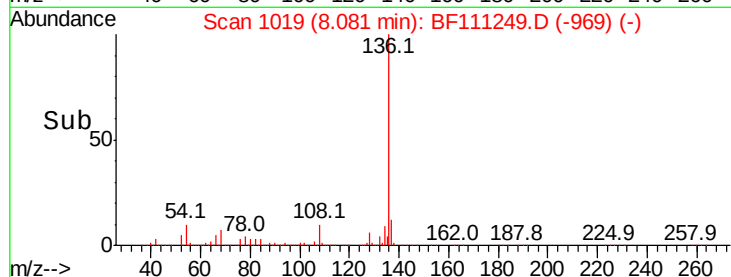
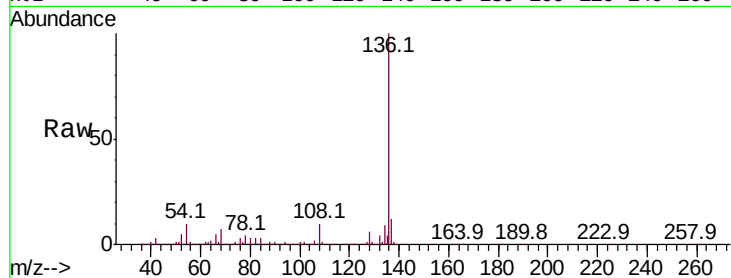
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.3	7.7	11.5
68	6.6	4.9	7.3

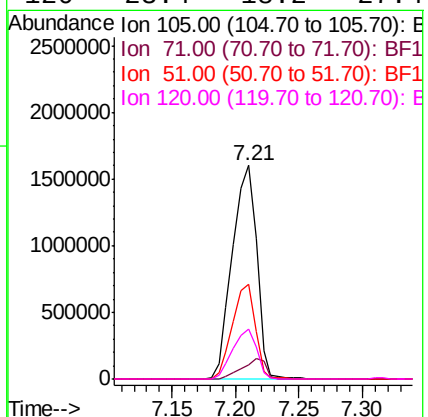
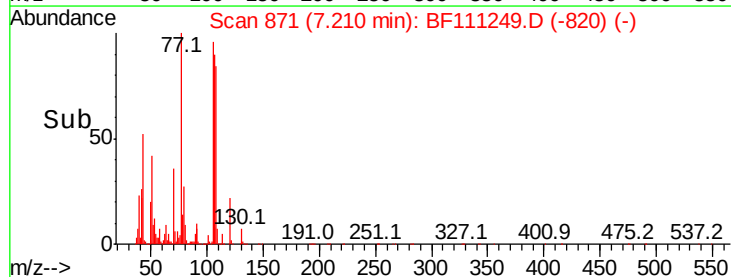
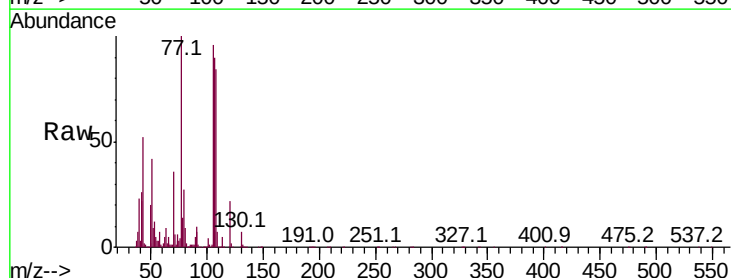
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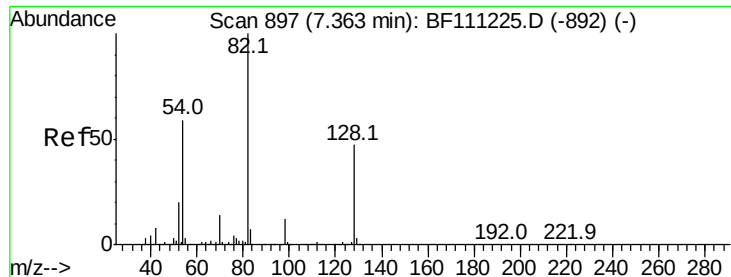
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#22
Acetophenone
Concen: 39.207 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.1	4.7#
51	44.1	36.6	54.8
120	23.4	18.2	27.4





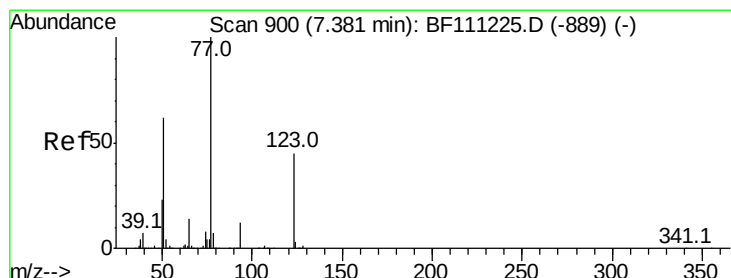
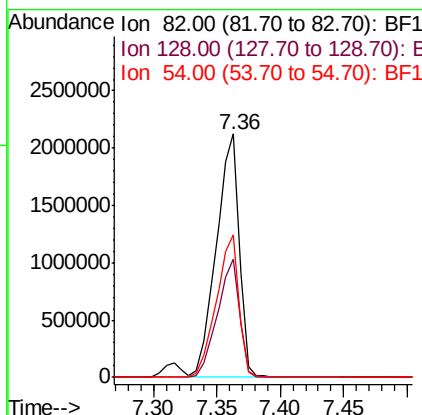
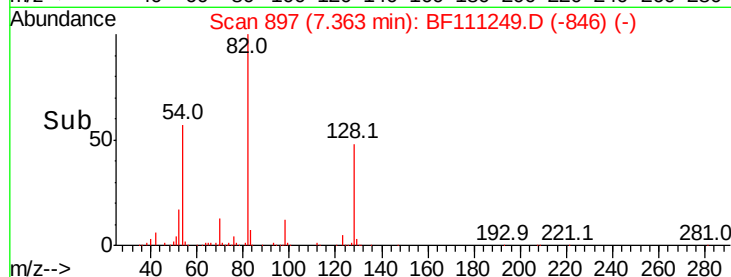
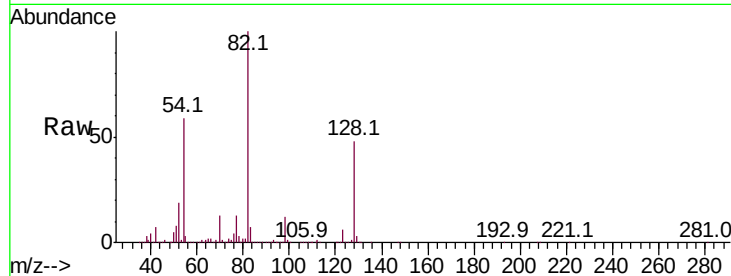
#23
 Nitrobenzene-d5
 Concen: 62.947 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion: 82 Resp: 2675091
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.4 56.2
 54 58.5 47.6 71.4

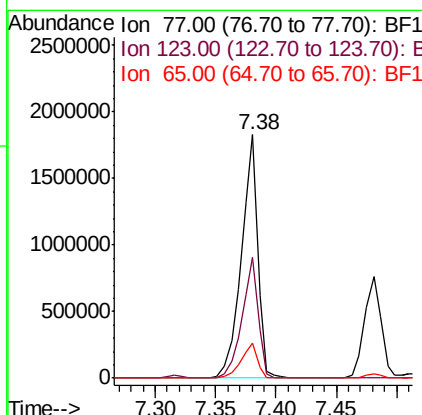
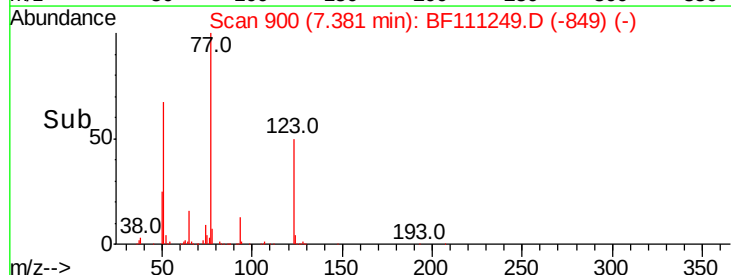
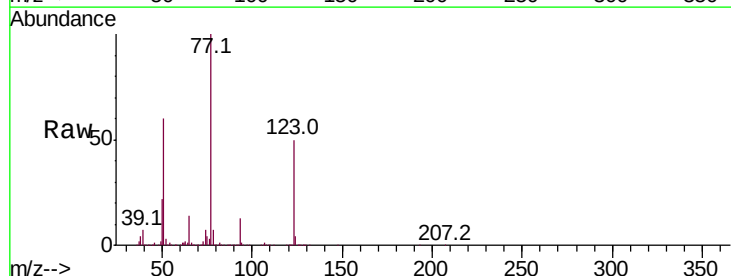
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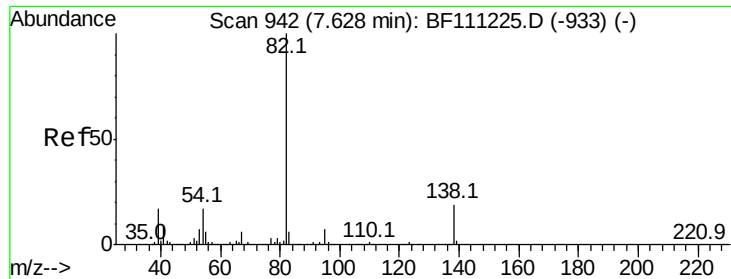
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#24
 Nitrobenzene
 Concen: 39.124 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion: 77 Resp: 1730488
 Ion Ratio Lower Upper
 77 100
 123 49.6 37.2 55.8
 65 14.2 11.5 17.3





#25

Isophorone

Concen: 44.700 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion: 82 Resp: 3235483

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

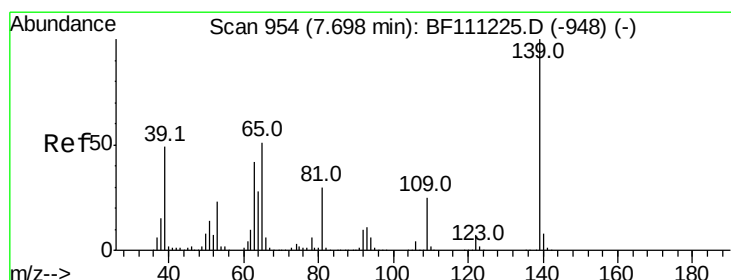
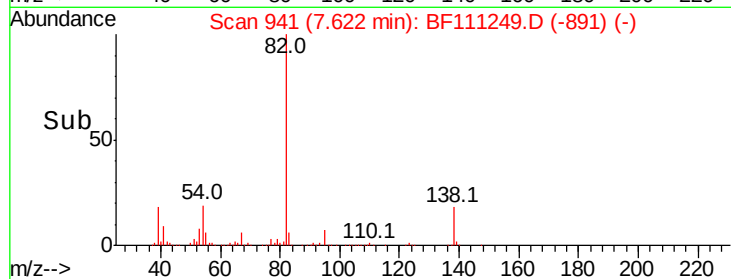
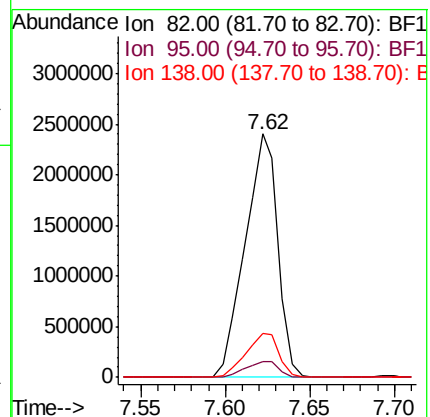
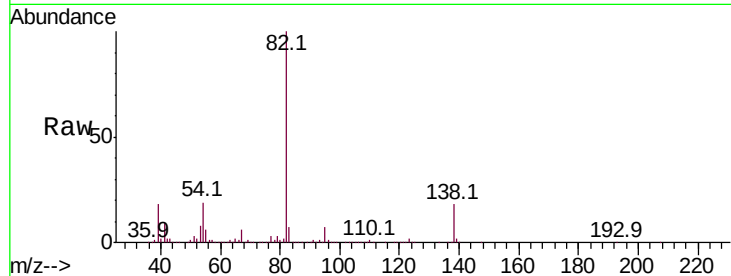
138 18.3 15.1 22.7

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#26

2-Nitrophenol

Concen: 40.004 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

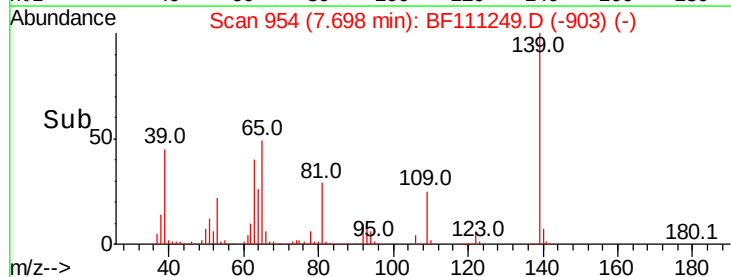
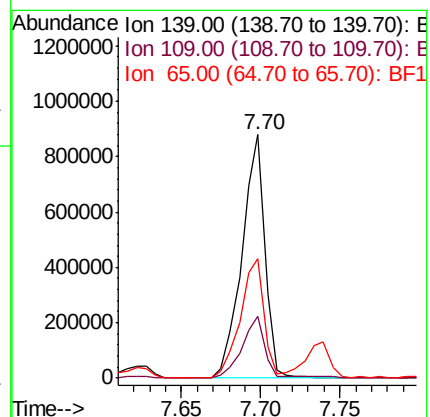
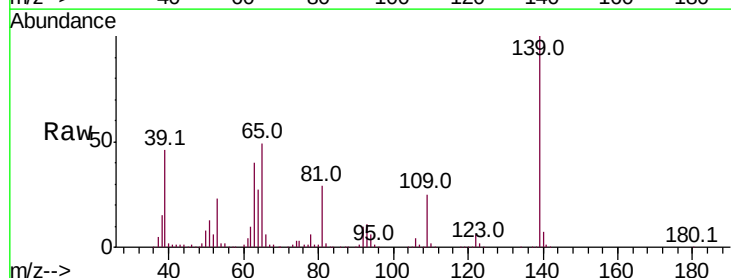
Tgt Ion: 139 Resp: 879118

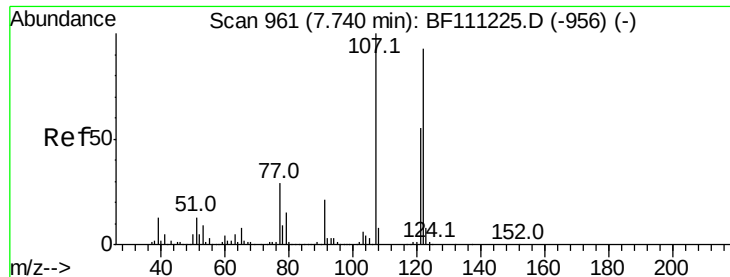
Ion Ratio Lower Upper

139 100

109 25.2 20.2 30.4

65 49.1 40.7 61.1





#27
 2,4-Dimethylphenol
 Concen: 45.408 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

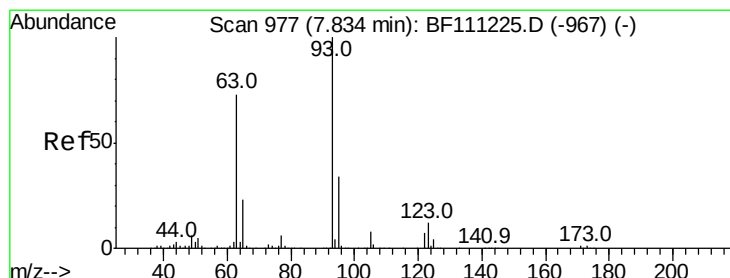
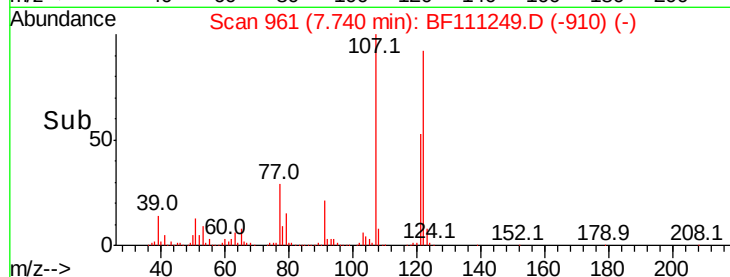
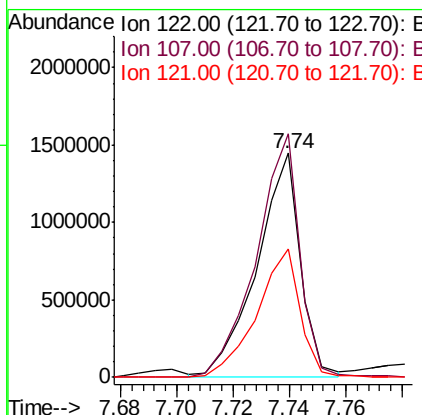
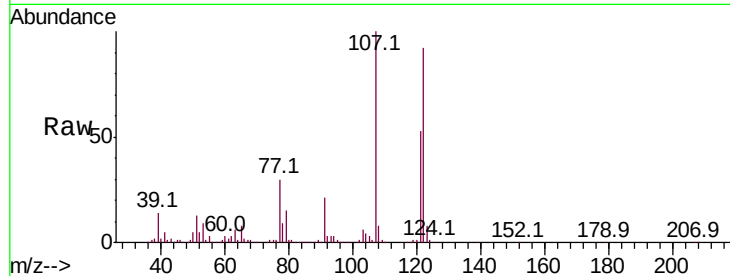
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion:122 Resp: 1541955

Ion	Ratio	Lower	Upper
122	100		
107	108.6	85.5	128.3
121	57.5	46.6	70.0

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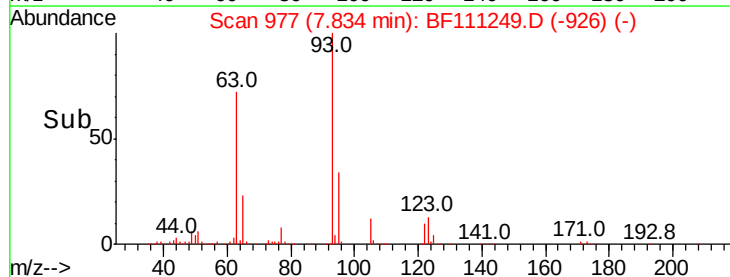
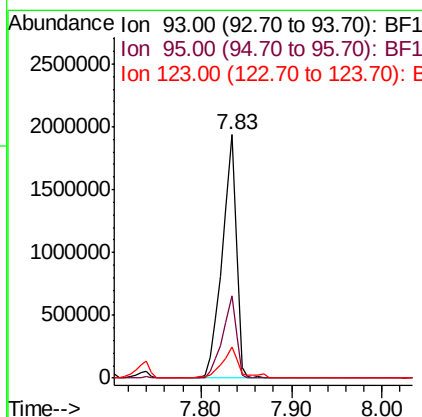
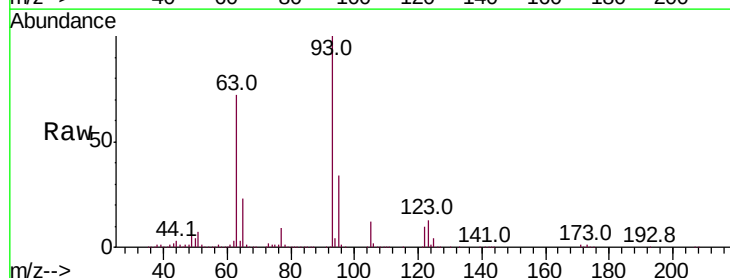
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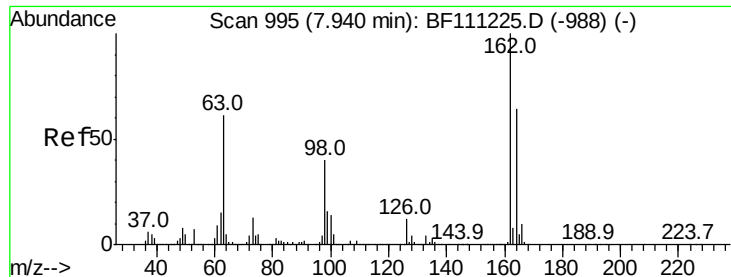


#28
 bis(2-Chloroethoxy)methane
 Concen: 41.232 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion: 93 Resp: 2066657

Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.1	40.7
123	12.5	9.9	14.9





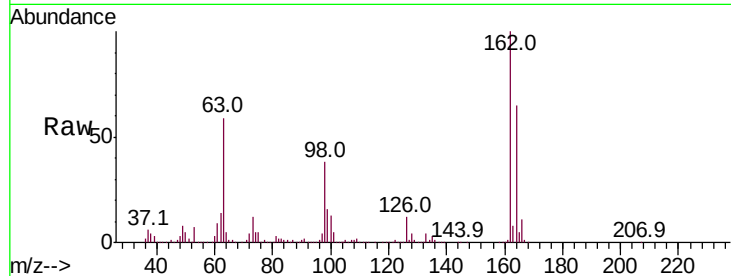
#29
2,4-Dichlorophenol
Concen: 40.165 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.4	84.4
98	37.9	20.3	60.3

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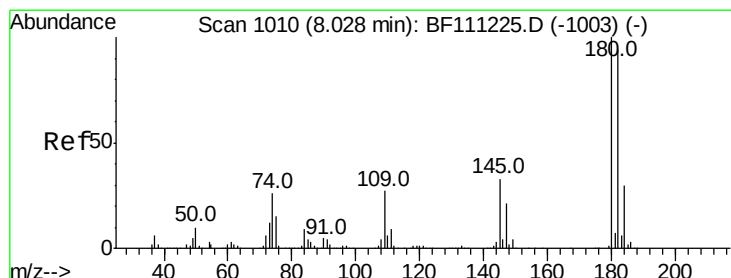
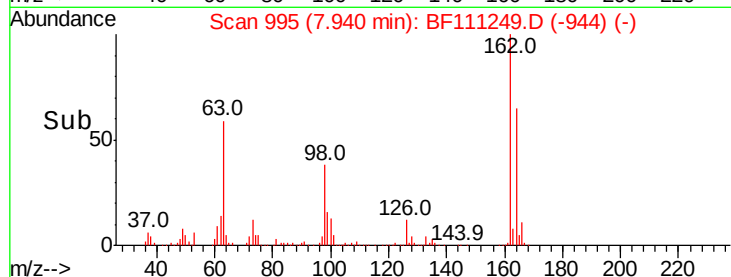
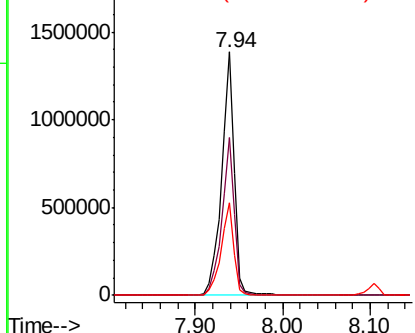


Abundance

Ion 162.00 (161.70 to 162.70): E

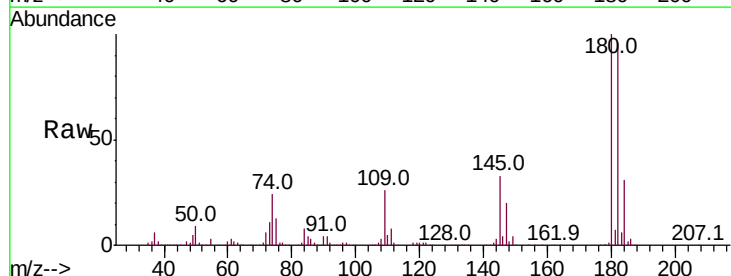
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.946 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.6	113.4
145	33.1	26.7	40.1

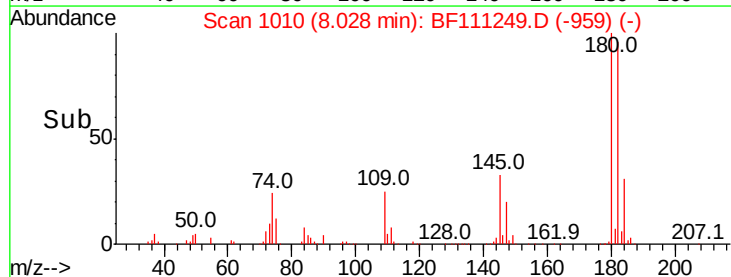
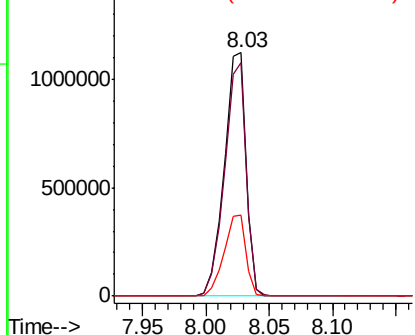


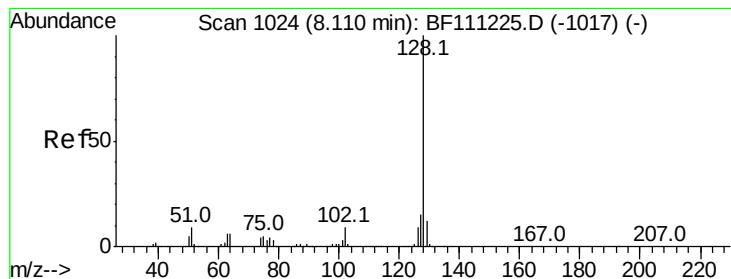
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.006 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleID :

PB115276BSD

Tot Ion:128 Resp: 4473911

Ion Ratio Lower Upper

128 100

129 12.8 9.8 14.8

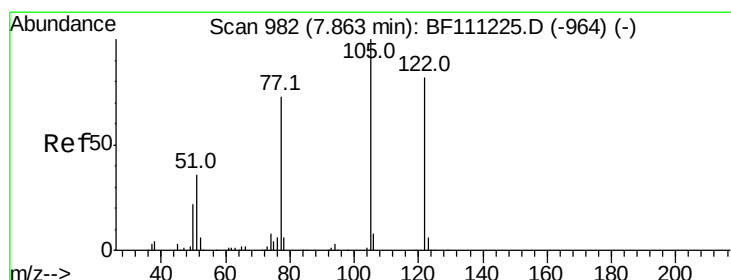
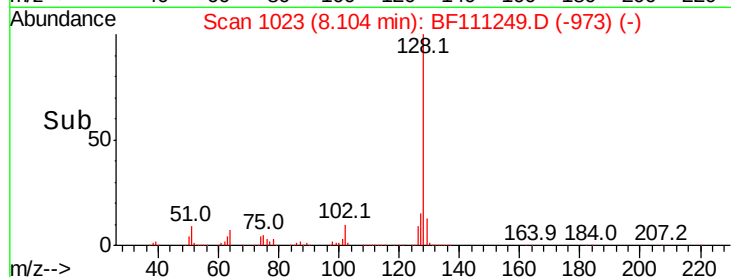
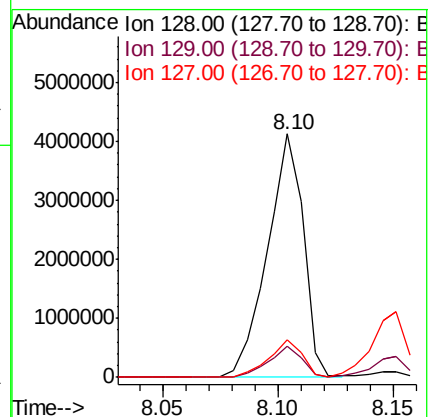
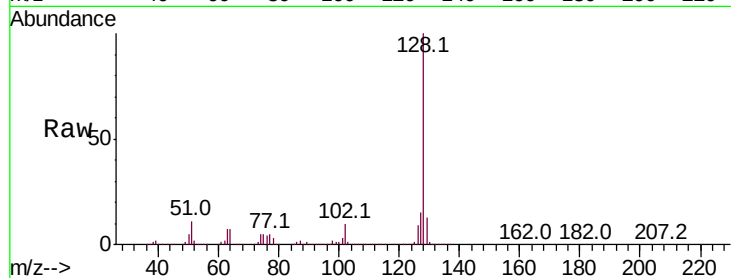
127 15.2 12.0 18.0

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#32

Benzoic acid

Concen: 42.245 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

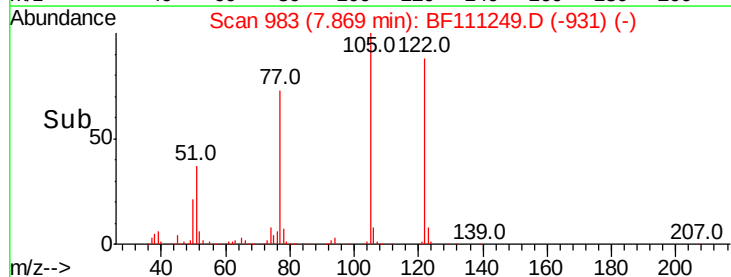
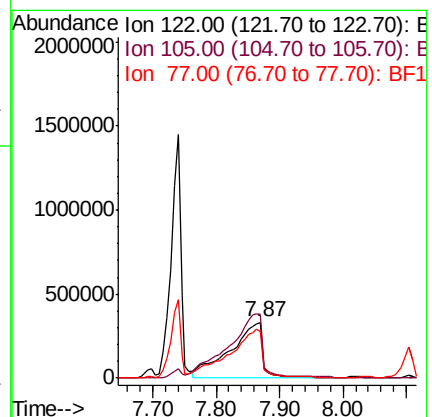
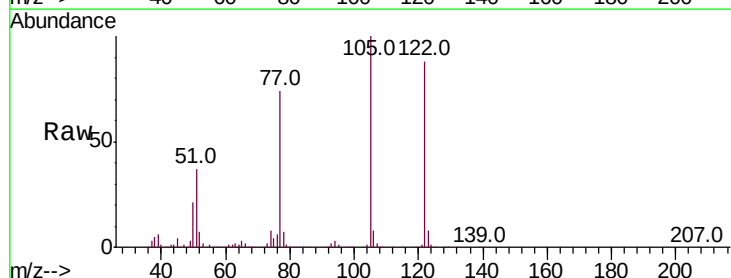
Tgt Ion:122 Resp: 1186289

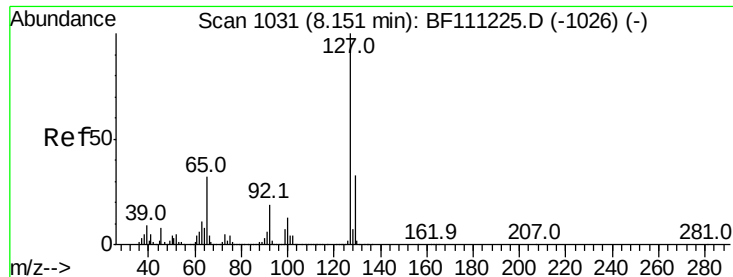
Ion Ratio Lower Upper

122 100

105 114.3 97.0 137.0

77 84.2 65.7 105.7





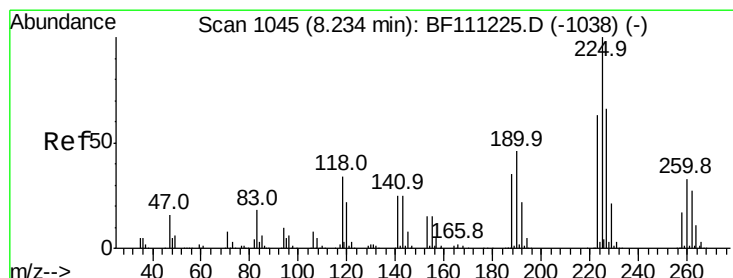
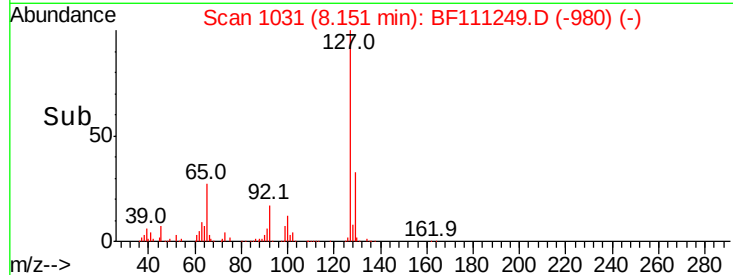
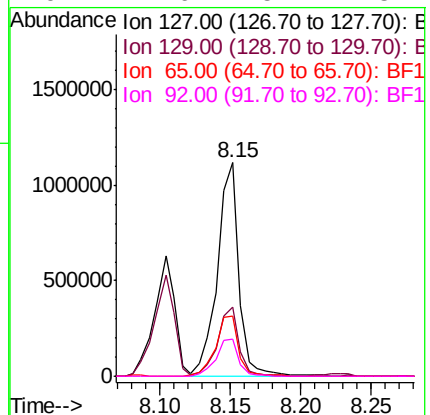
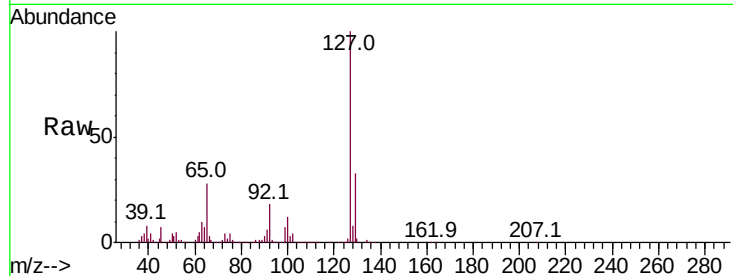
#33
4-Chloroaniline
Concen: 23.679 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	28.3	25.7	38.5
92	17.6	15.4	23.2

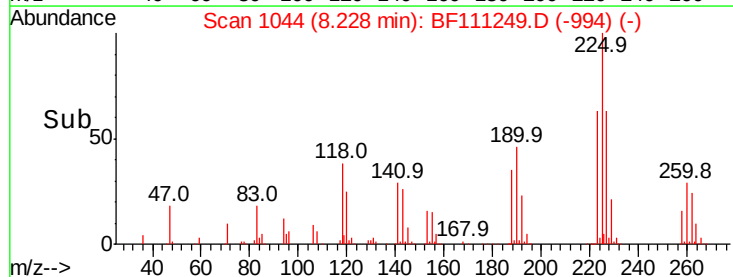
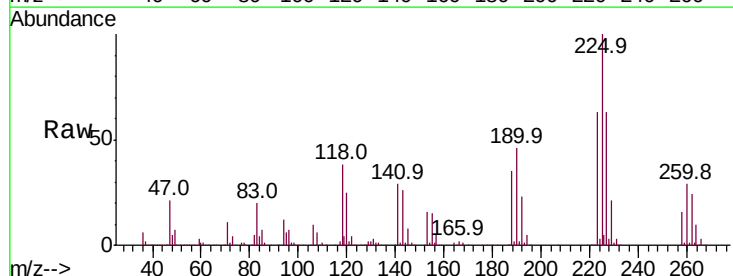
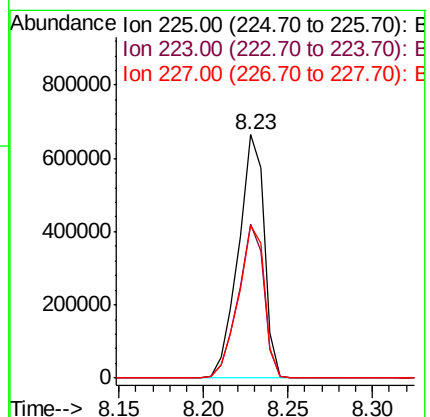
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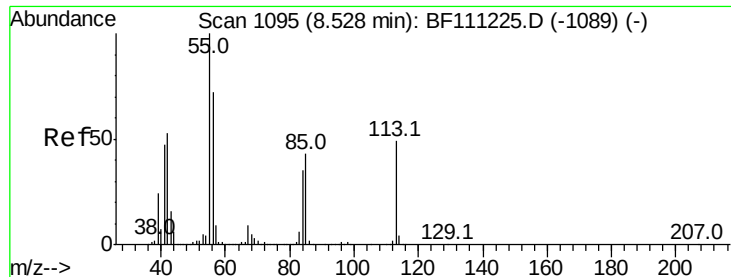
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#34
Hexachlorobutadiene
Concen: 37.427 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	62.7	52.6	78.8





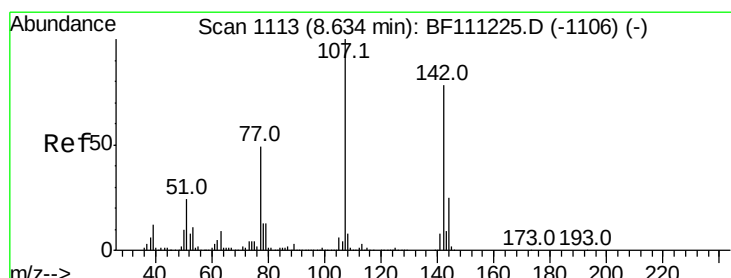
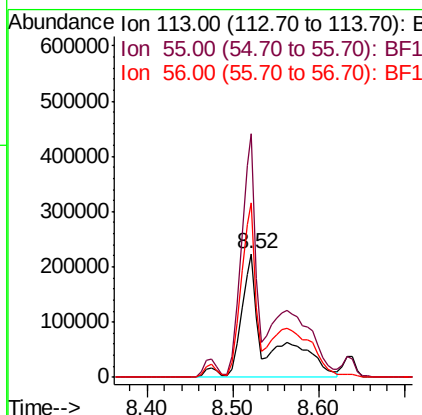
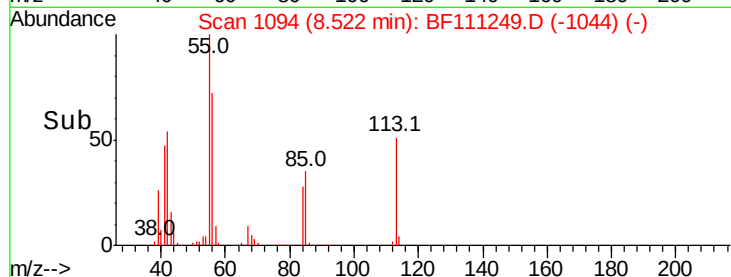
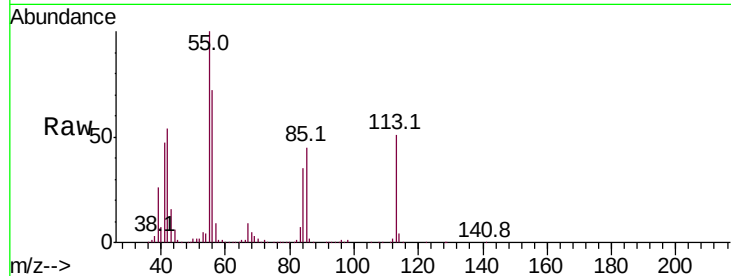
#35
 Caprolactam
 Concen: 40.289 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.1	184.1	224.1
56	141.6	126.0	166.0

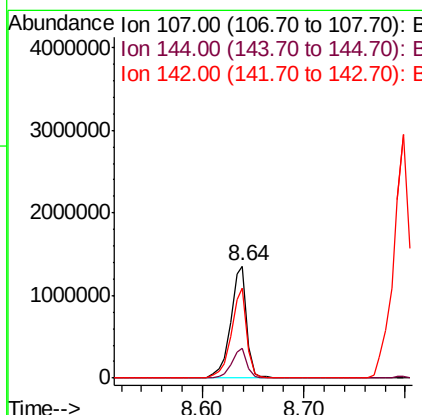
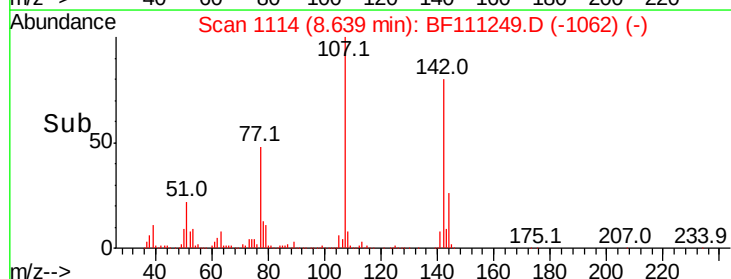
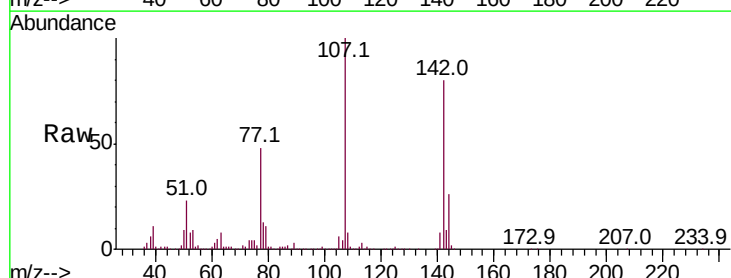
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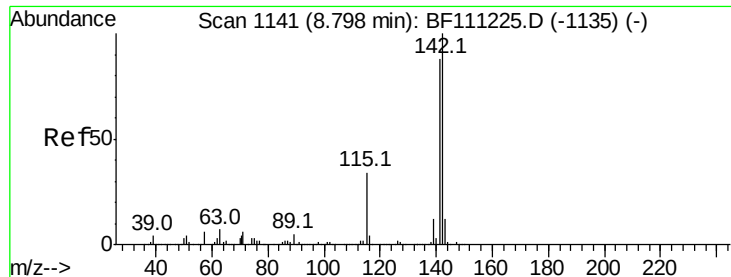
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#36
 4-Chloro-3-methylphenol
 Concen: 41.952 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.8	29.6
142	80.3	62.3	93.5





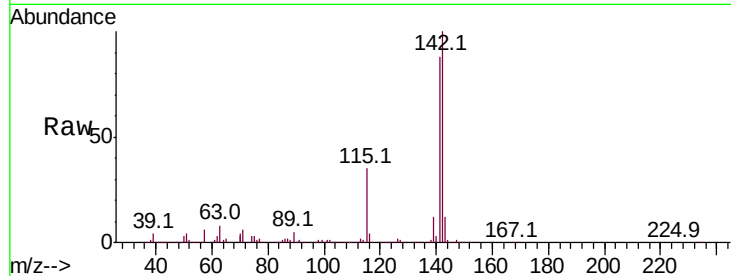
#37
2-Methylnaphthalene
Concen: 44.883 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

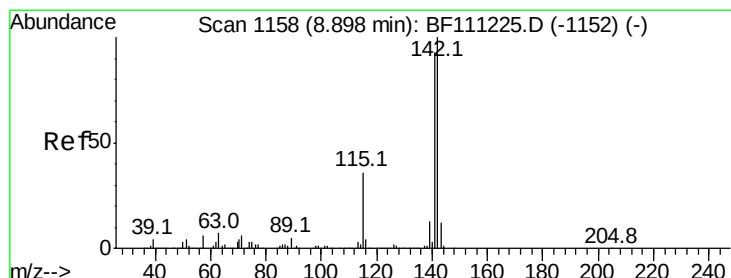
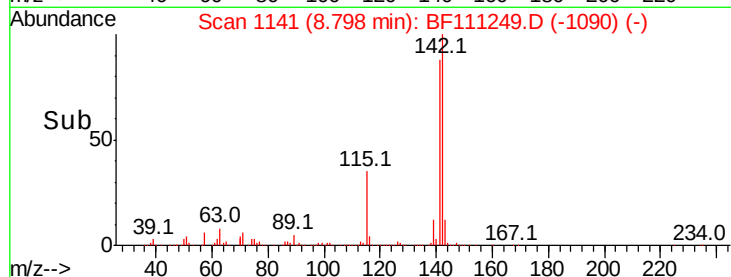
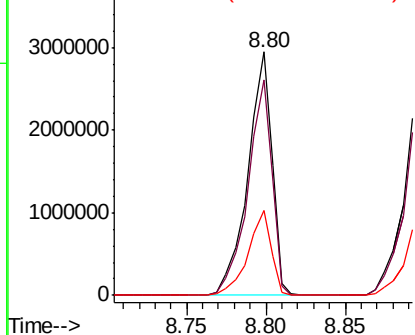
Tot Ion:142 Resp: 3100003
Ion Ratio Lower Upper
142 100
141 88.4 70.6 105.8
115 34.6 27.0 40.6

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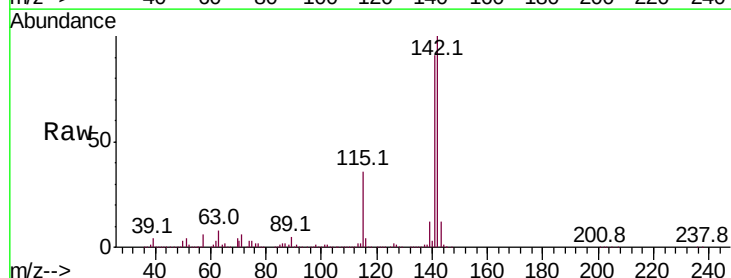


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

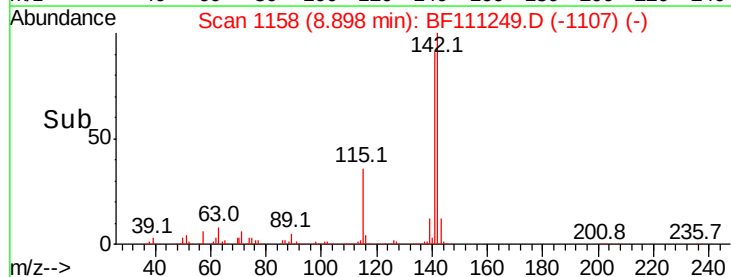
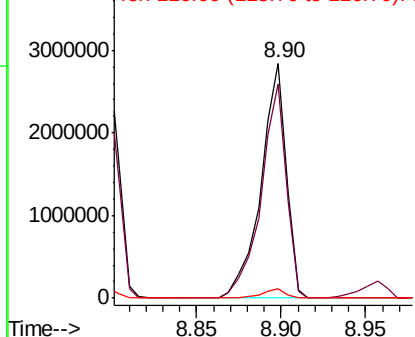


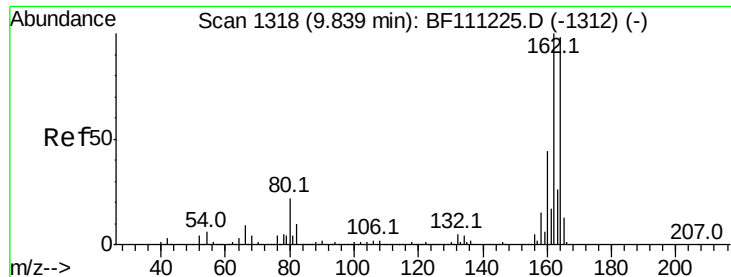
#38
1-Methylnaphthalene
Concen: 43.544 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:142 Resp: 2945233
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4
116 3.7 2.9 4.3



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





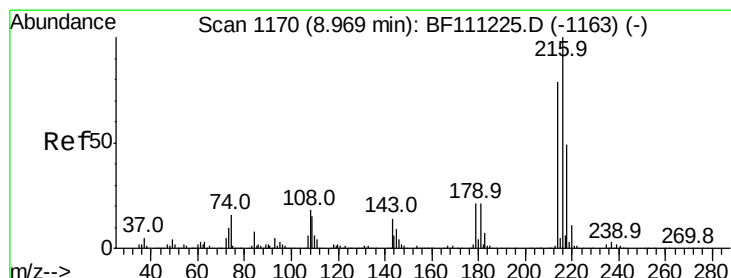
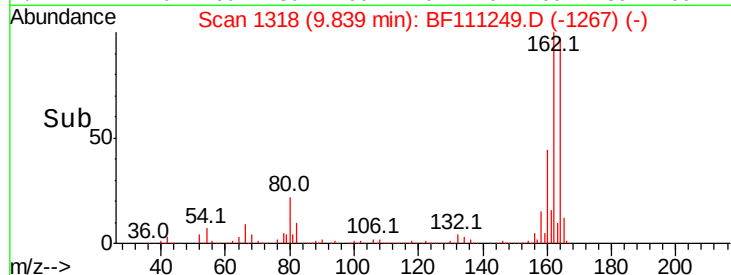
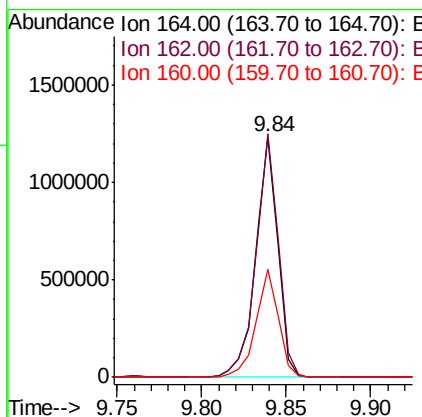
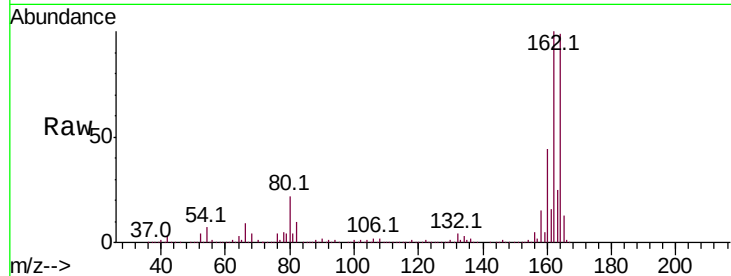
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.0	35.7	53.5

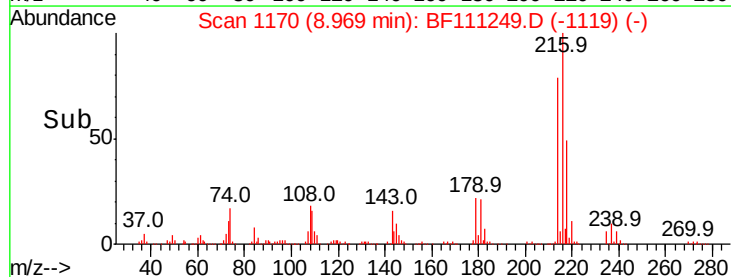
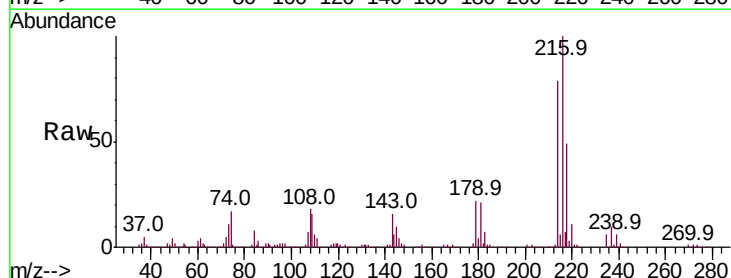
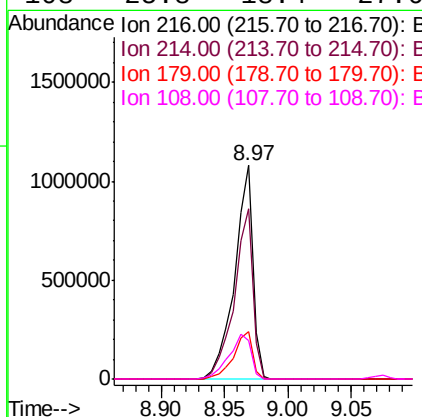
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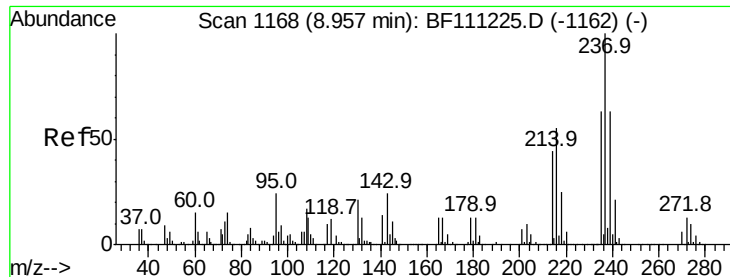
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.717 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.8	95.8
179	22.8	17.9	26.9
108	25.8	18.4	27.6





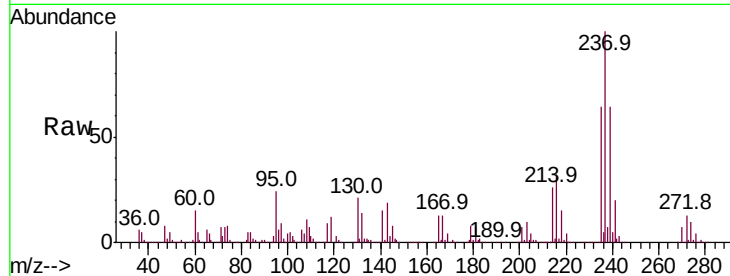
#41
Hexachlorocyclopentadiene
Concen: 81.446 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

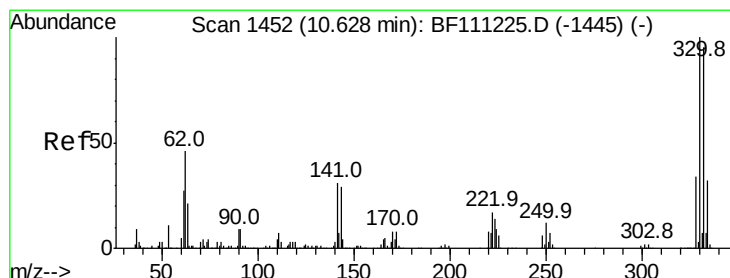
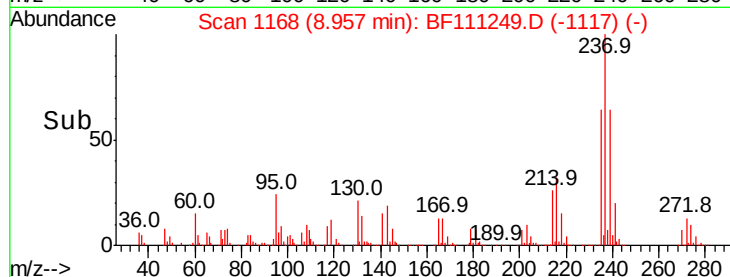
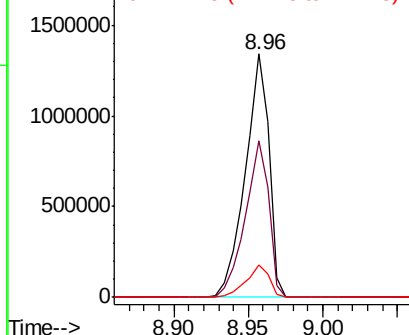
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.1	83.1
272	13.3	0.0	33.0

Manual Integrations
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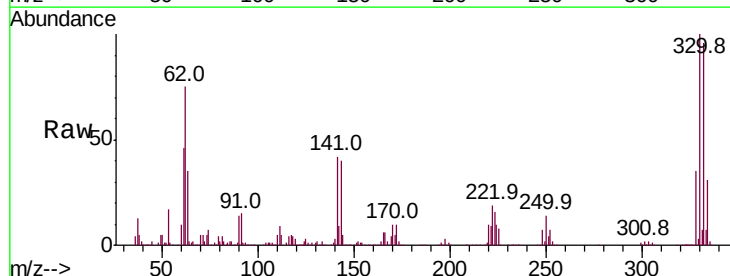


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

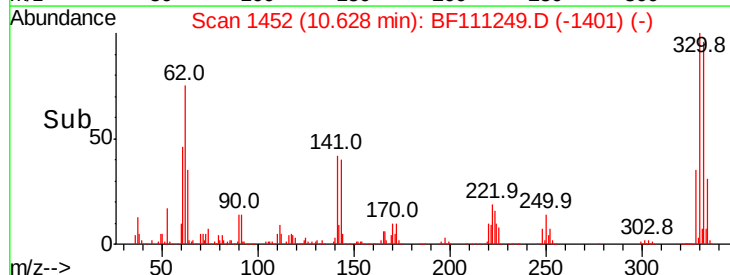
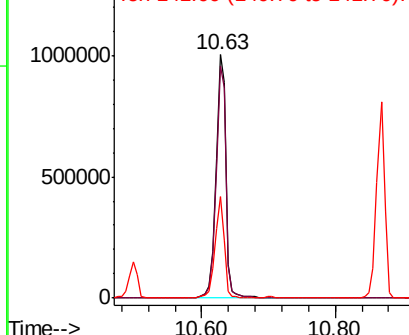


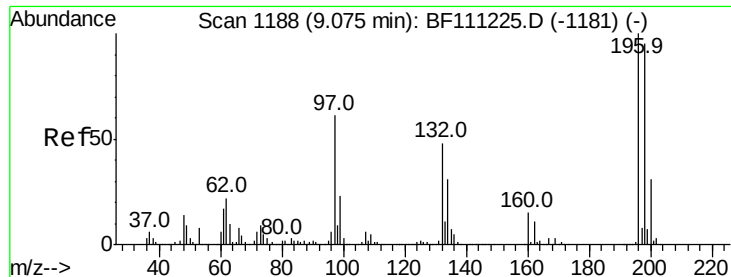
#42
2,4,6-Tribromophenol
Concen: 104.816 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	39.1	31.0	46.6



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





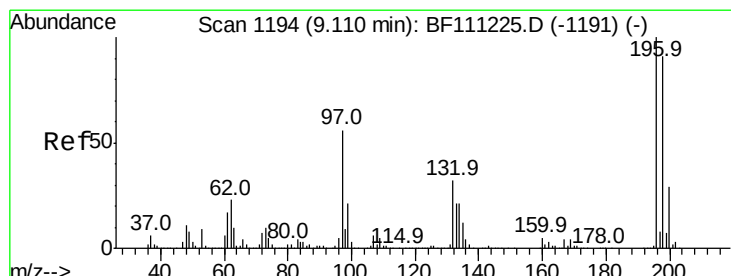
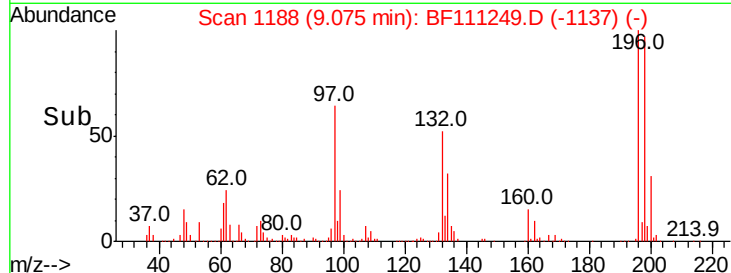
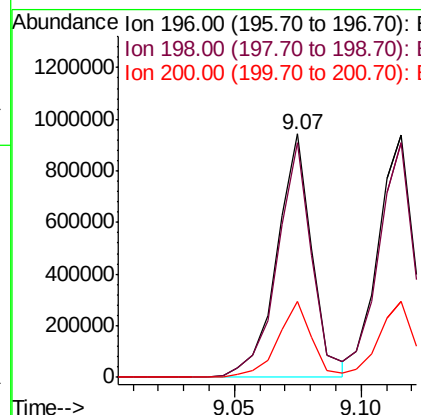
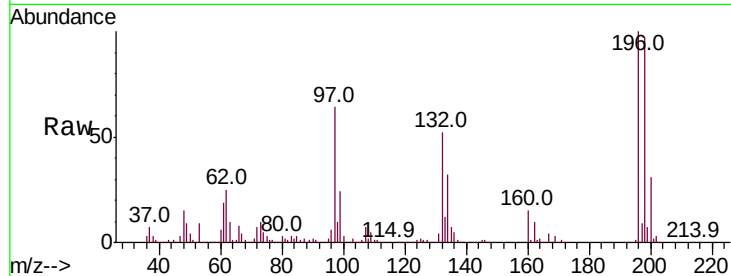
#43
 2,4,6-Trichlorophenol
 Concen: 38.321 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion:	196	Resp:	912067
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.3	114.5
200	31.2	24.9	37.3

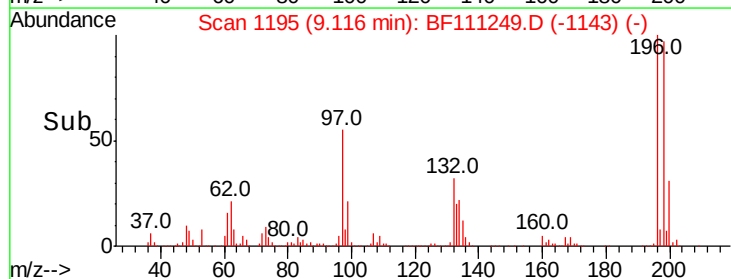
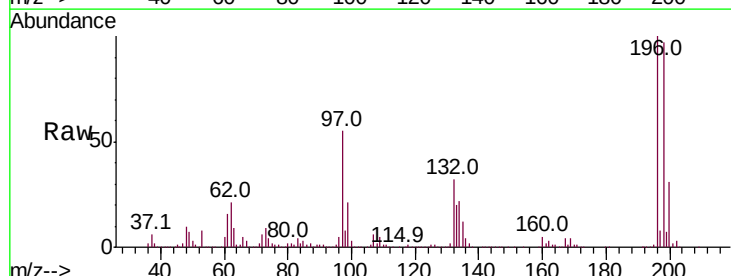
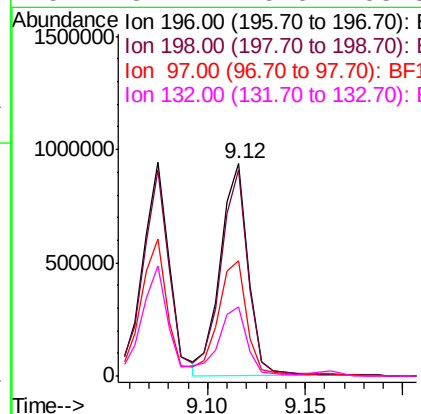
Manual Integrations
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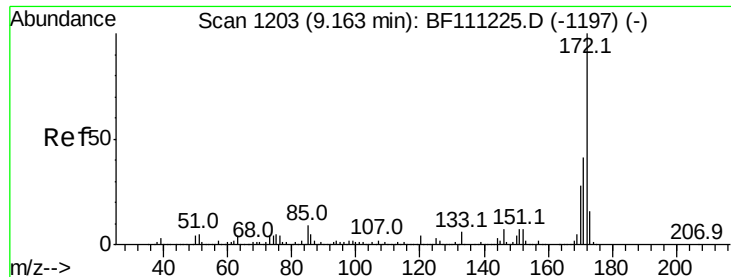
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#44
 2,4,5-Trichlorophenol
 Concen: 37.368 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:	196	Resp:	926488
Ion Ratio	Lower	Upper	
196	100		
198	97.0	72.9	109.3
97	54.5	45.3	67.9
132	32.4	25.5	38.3





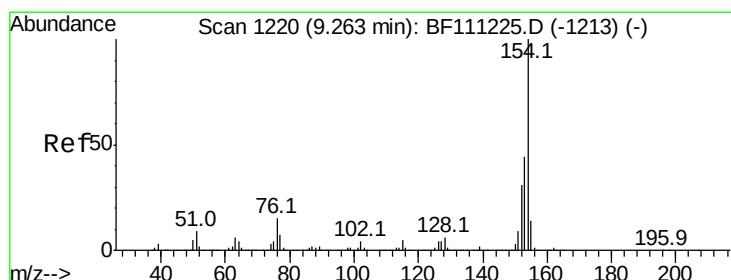
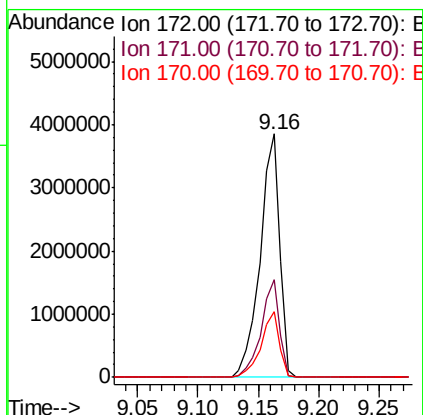
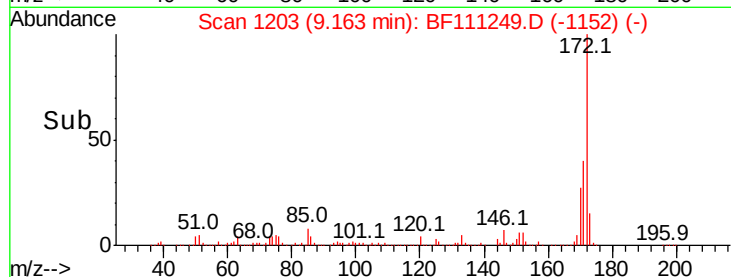
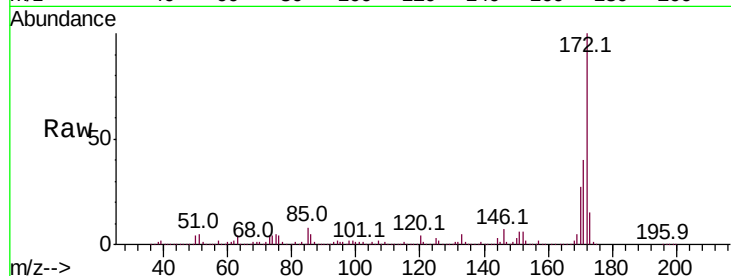
#45
2-Fluorobiphenyl
Concen: 60.873 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion:172 Resp: 4359585
Ion Ratio Lower Upper
172 100
171 39.9 33.0 49.4
170 27.2 22.3 33.5

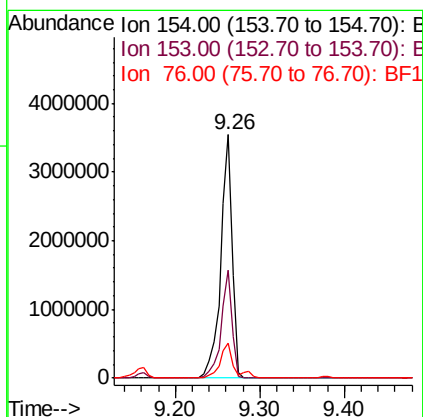
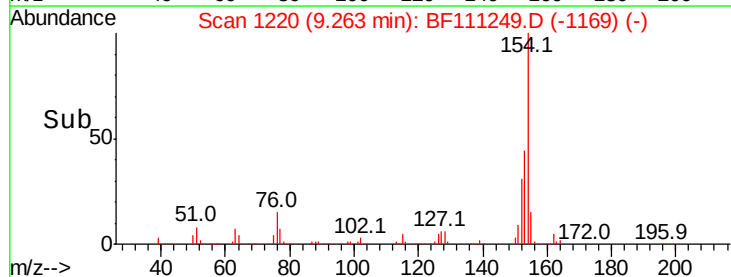
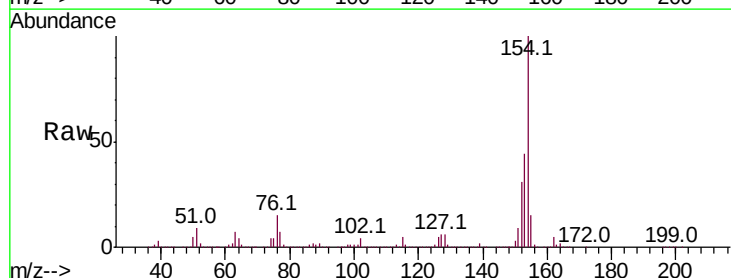
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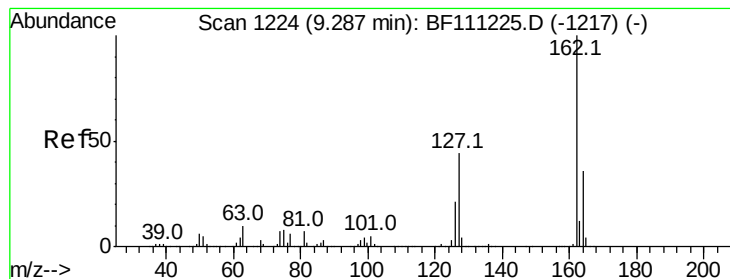
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#46
1,1'-Biphenyl
Concen: 35.686 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:154 Resp: 3390193
Ion Ratio Lower Upper
154 100
153 44.2 23.7 63.7
76 14.6 0.0 35.0





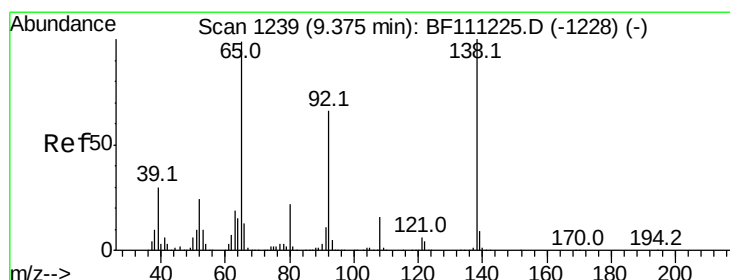
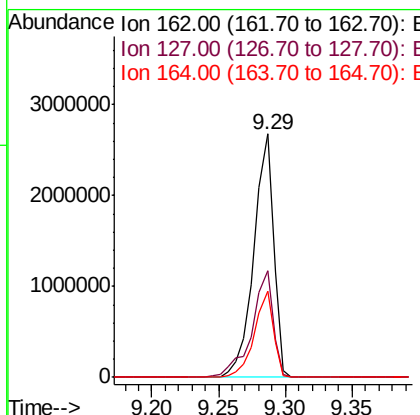
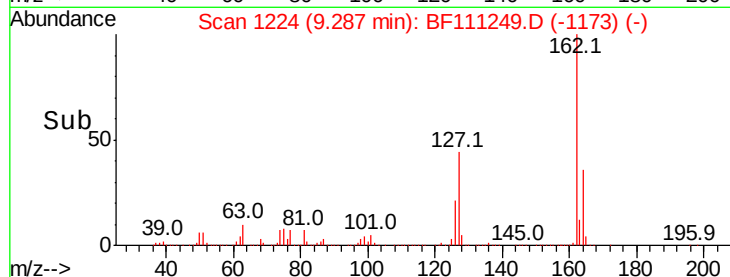
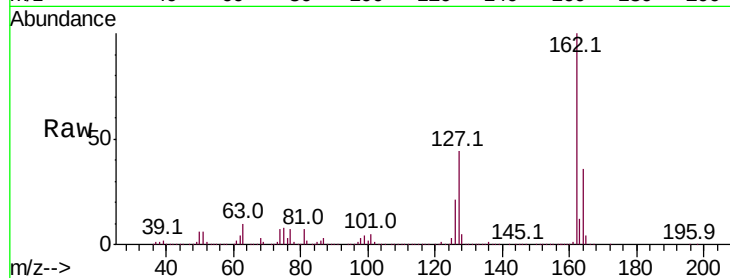
#47
 2-Chloronaphthalene
 Concen: 36.538 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot	Ion:162	Resp: 2724319	
Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	35.6	28.4	42.6

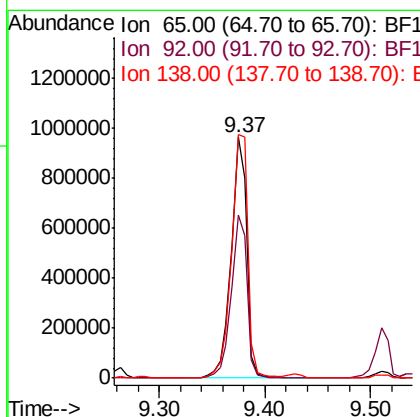
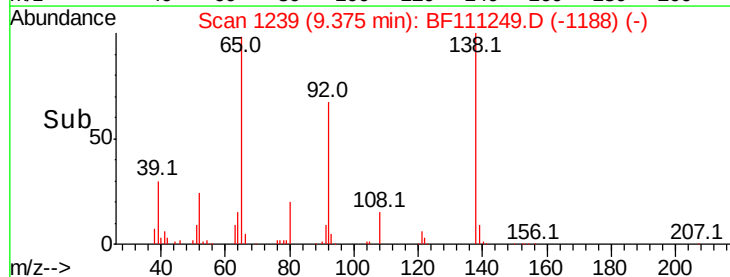
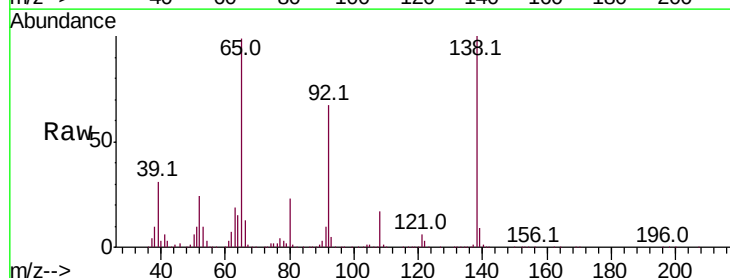
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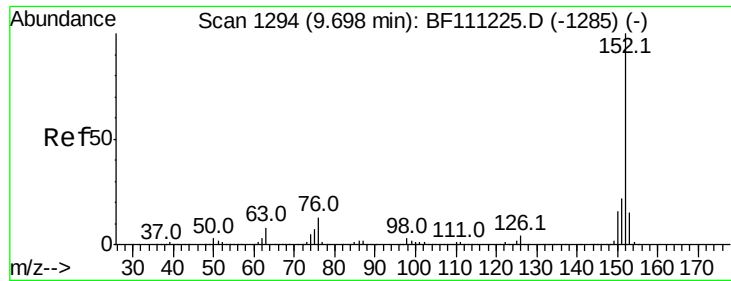
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#48
 2-Nitroaniline
 Concen: 38.420 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt	Ion: 65	Resp:	977183
Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.5	80.3
138	101.0	80.9	121.3





#49

Acenaphthylene

Concen: 39.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:152 Resp: 4221417

Ion Ratio Lower Upper

152 100

151 22.9 18.0 27.0

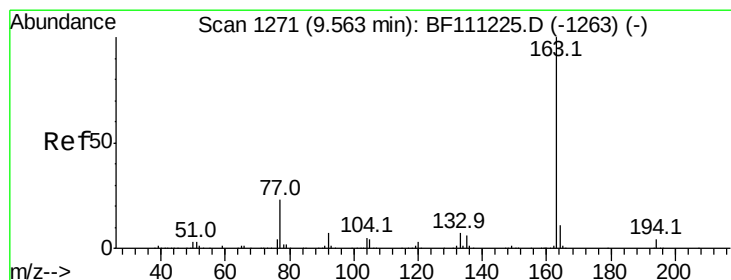
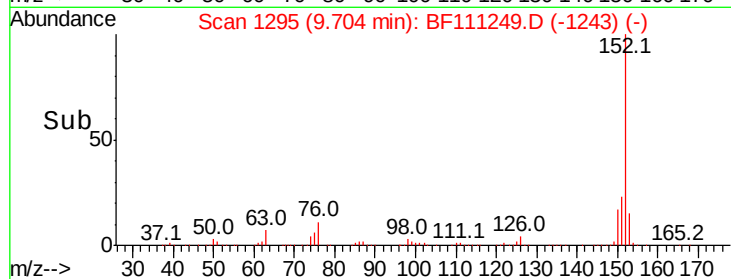
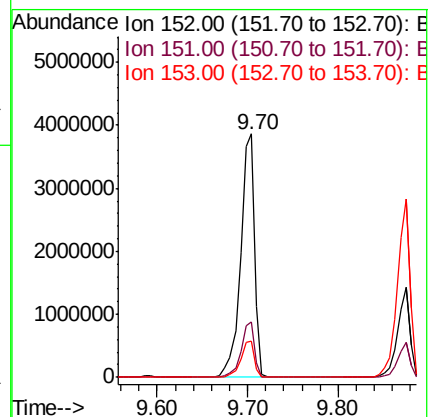
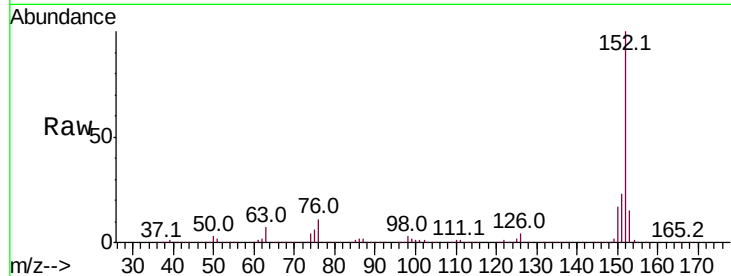
153 14.8 12.3 18.5

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#50

Dimethylphthalate

Concen: 37.117 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

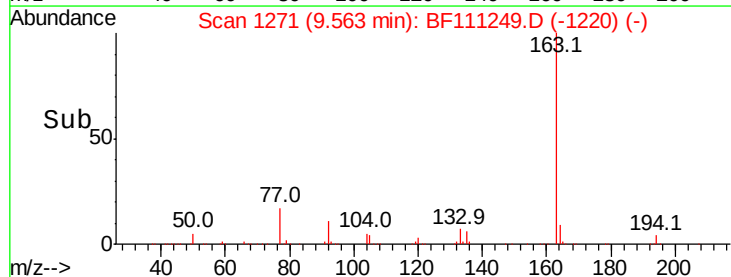
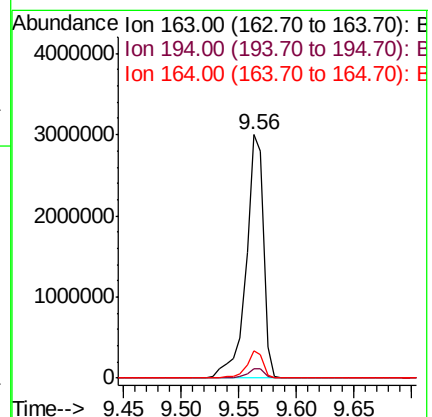
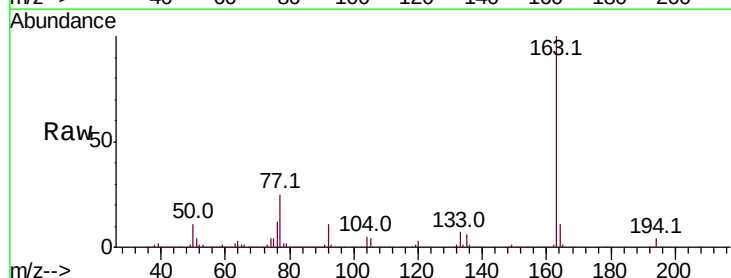
Tgt Ion:163 Resp: 3120792

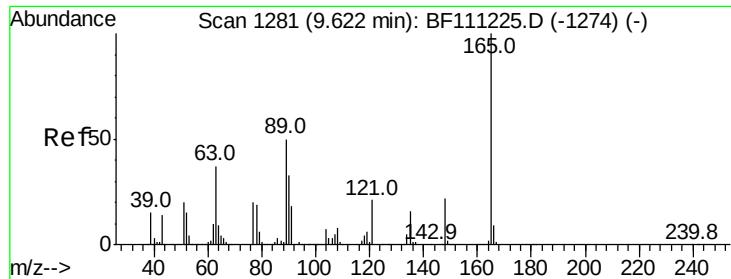
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 11.0 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 40.091 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

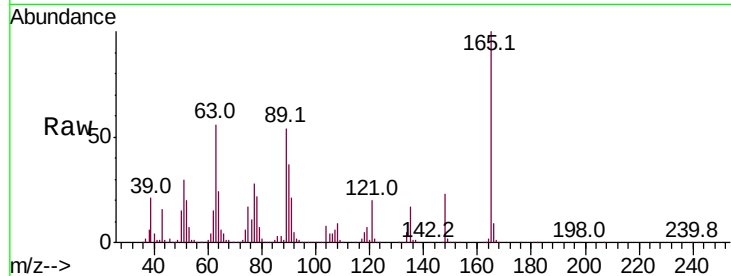
ClientSampleId :

PB115276BSD

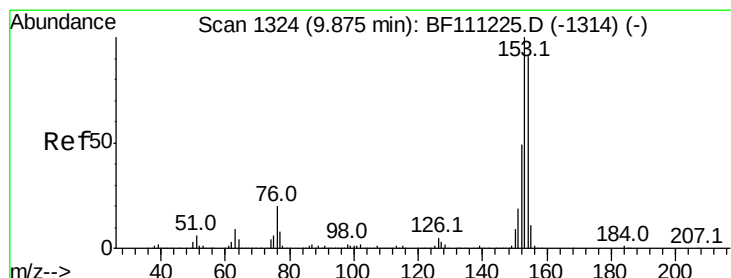
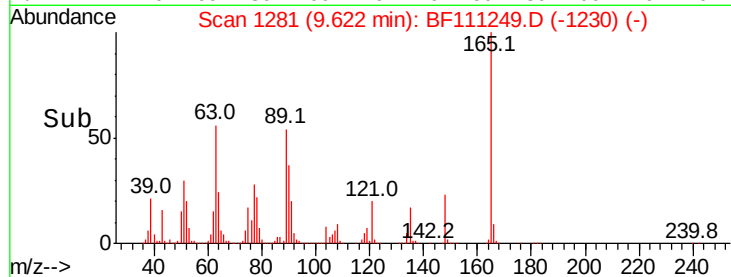
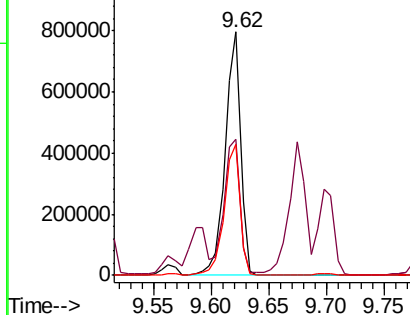
Tot Ion:	165	Resp:	744424
Ion Ratio	Lower	Upper	
165	100		
63	55.7	40.5	60.7
89	53.7	40.0	60.0

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



#52

Acenaphthene

Concen: 41.411 ng

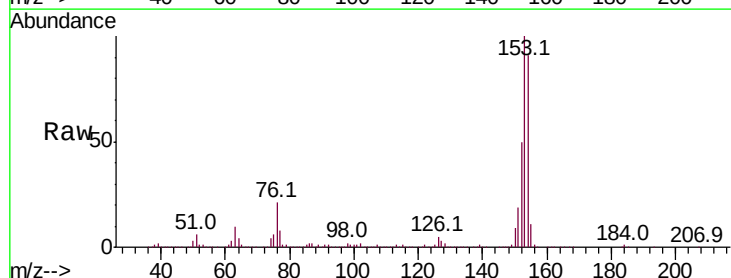
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

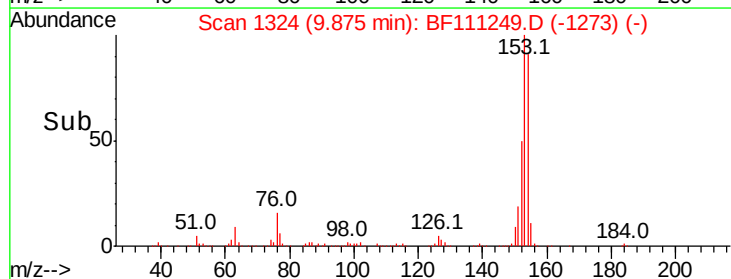
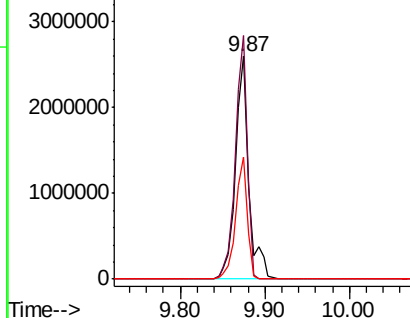
Lab File: BF111249.D

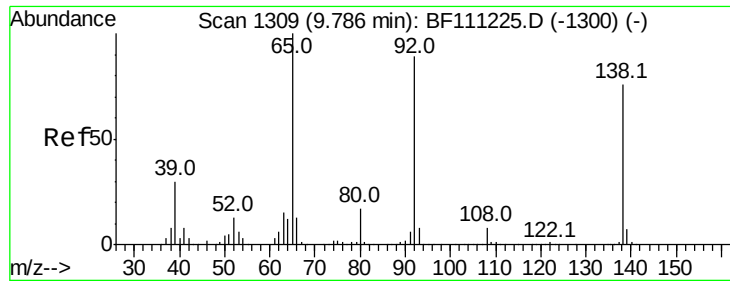
Acq: 10 Dec 2018 18:29

Tgt Ion:	154	Resp:	2812928
Ion Ratio	Lower	Upper	
154	100		
153	109.4	87.8	131.8
152	54.8	43.4	65.2



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





#53

3-Nitroaniline

Concen: 24.337 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

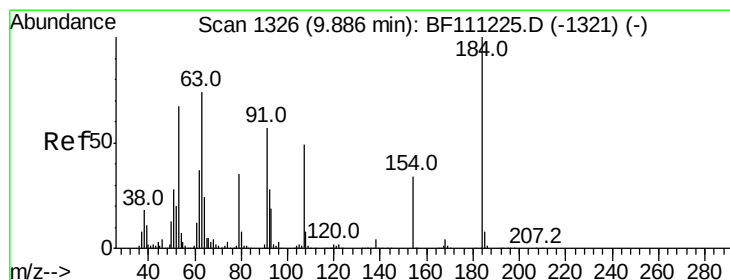
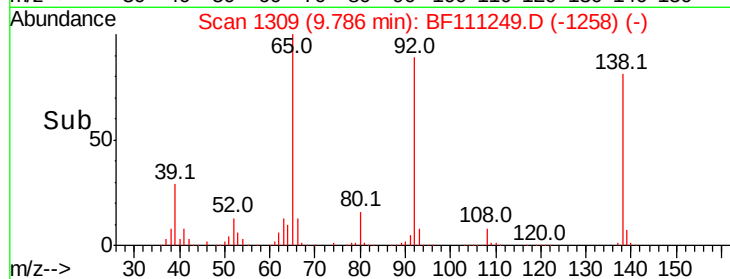
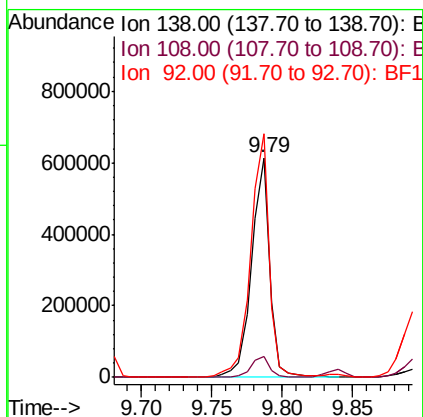
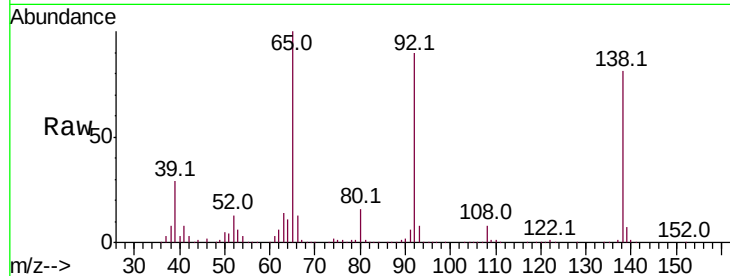
ClientSampleId :

PB115276BSD

Tot Ion:	138	Resp:	557787
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.2	12.4
92	110.7	93.4	140.2

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#54

2,4-Dinitrophenol

Concen: 84.352 ng

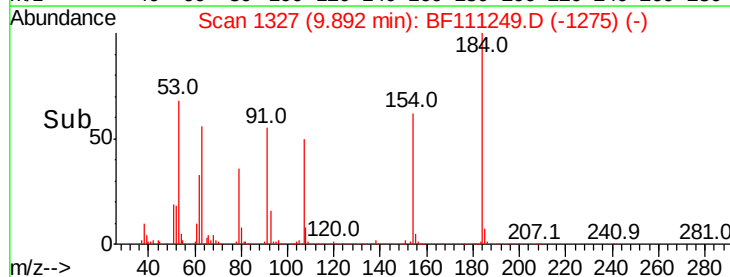
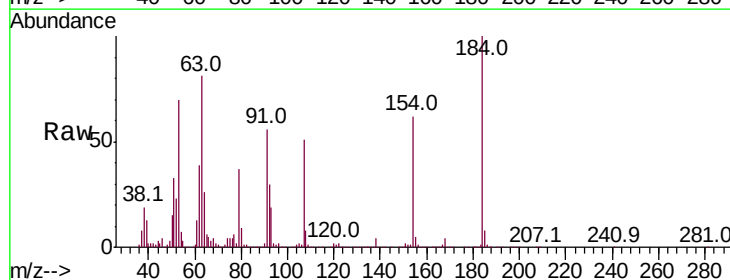
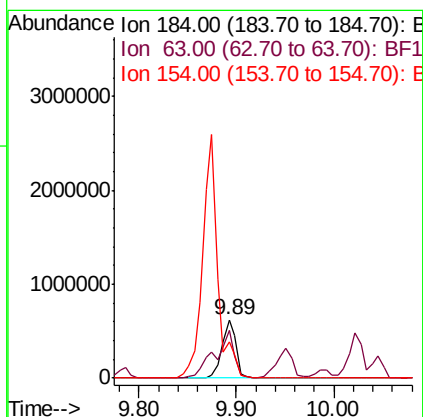
RT: 9.89 min Scan# 1327

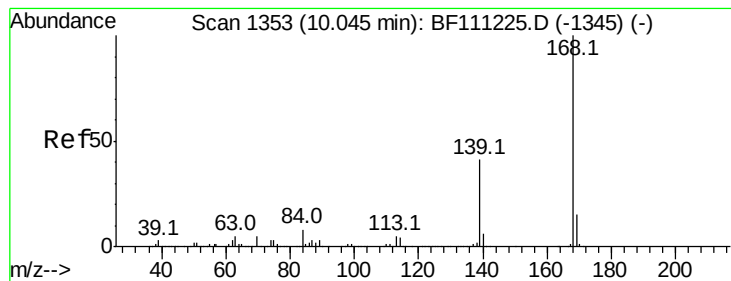
Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Tgt Ion:	184	Resp:	618935
Ion Ratio	Lower	Upper	
184	100		
63	80.7	62.3	93.5
154	61.8	56.2	84.2





#55

Dibenzofuran

Concen: 39.624 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:168 Resp: 3661716

Ion Ratio Lower Upper

168 100

139 42.0 32.6 49.0

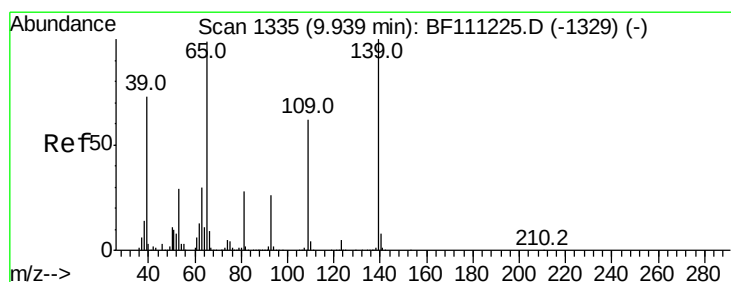
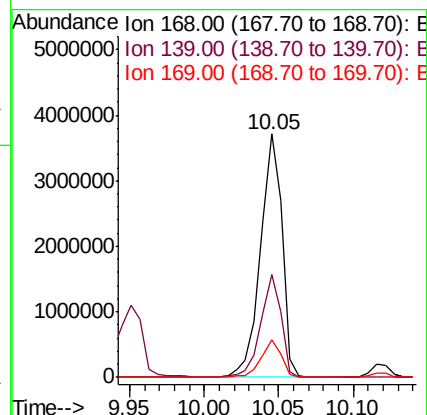
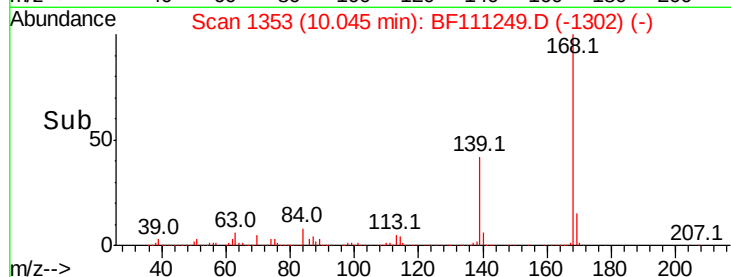
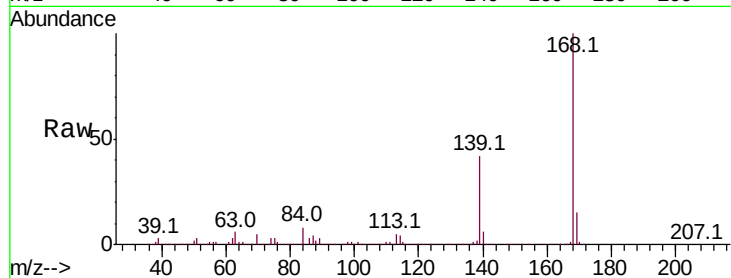
169 15.4 11.8 17.6

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#56

4-Nitrophenol

Concen: 74.202 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

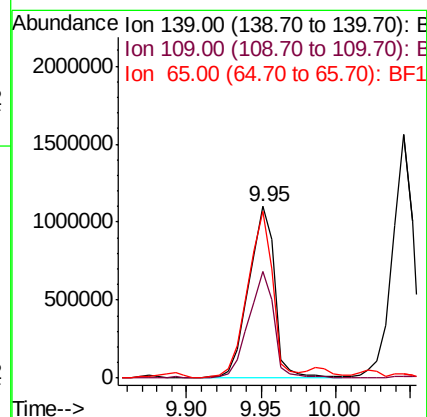
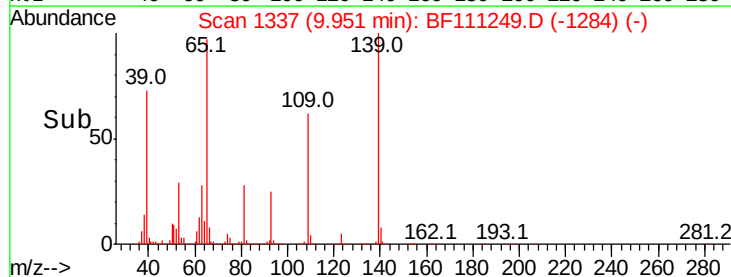
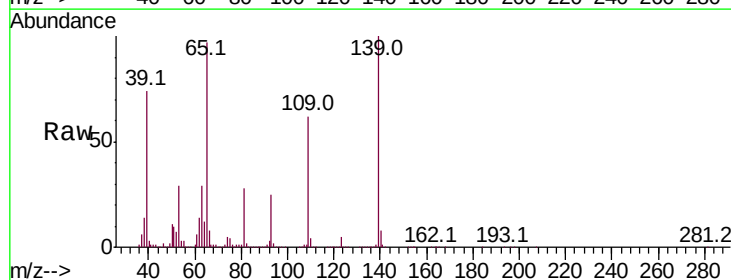
Tgt Ion:139 Resp: 1324497

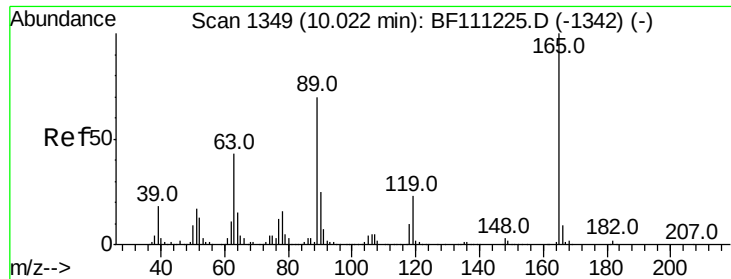
Ion Ratio Lower Upper

139 100

109 62.3 41.8 81.8

65 97.5 79.6 119.6





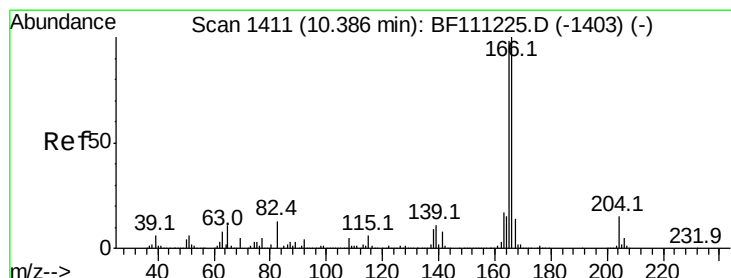
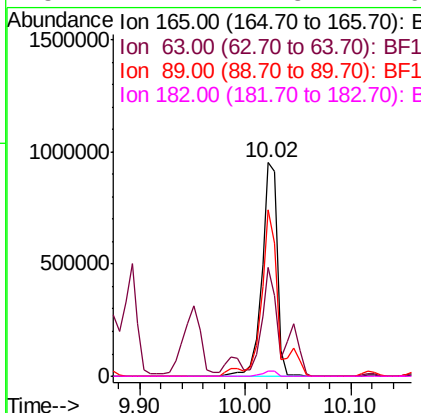
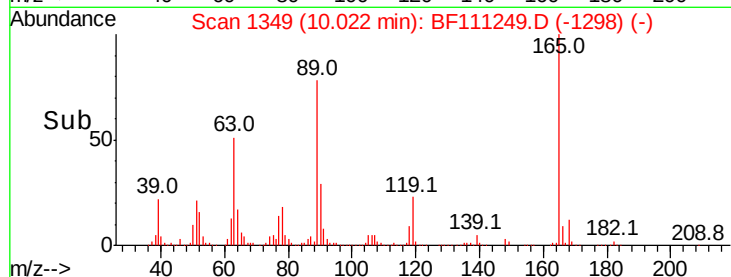
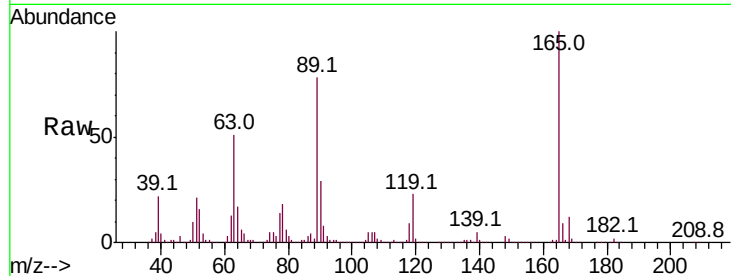
#57
2,4-Dinitrotoluene
Concen: 42.658 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	976470		
63	50.8	34.6	52.0	
89	77.7	56.2	84.4	
182	2.1	1.8	2.6	

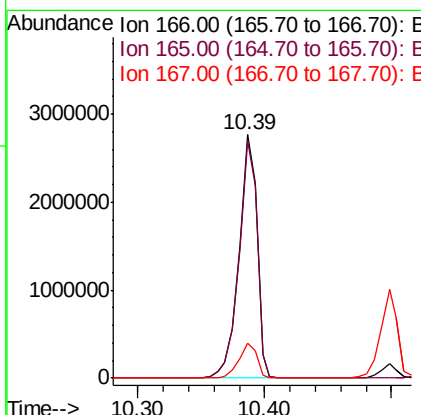
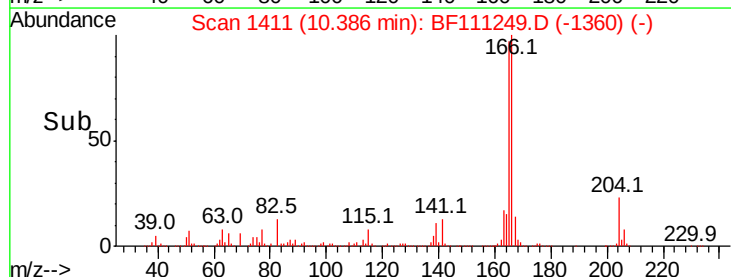
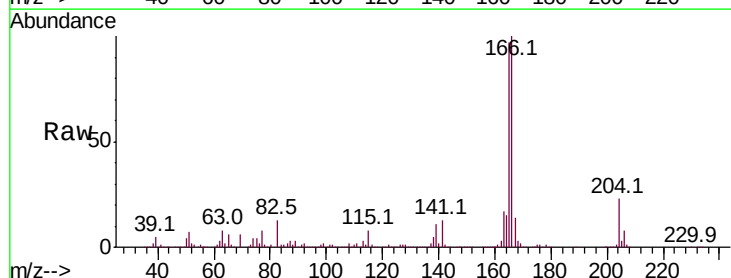
Manual Integrations
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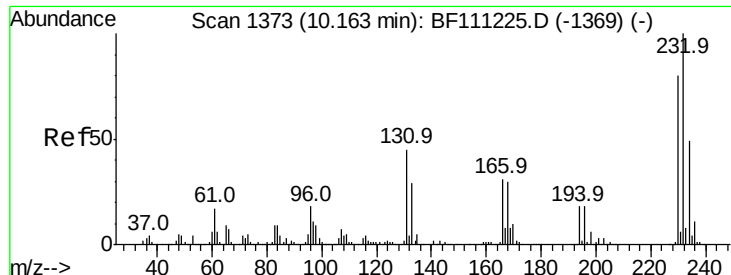
Sohil
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#58
Fluorene
Concen: 37.563 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2686168		
165	97.3	78.4	117.6	
167	14.4	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.600 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:232 Resp: 781805

Ion Ratio Lower Upper

232 100

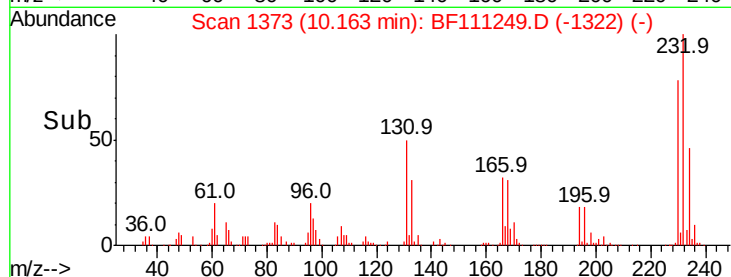
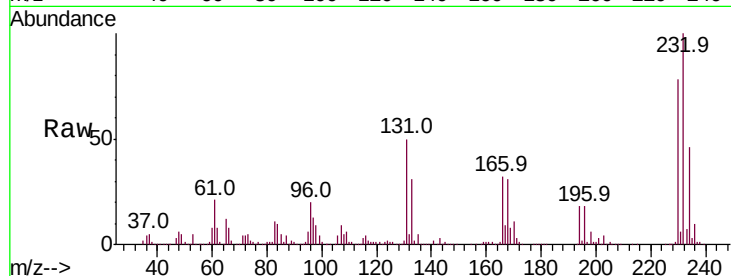
131 50.1 40.9 61.3

130 2.3 2.0 3.0

166 32.7 26.8 40.2

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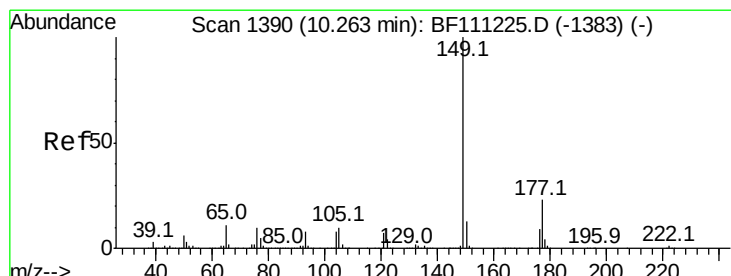
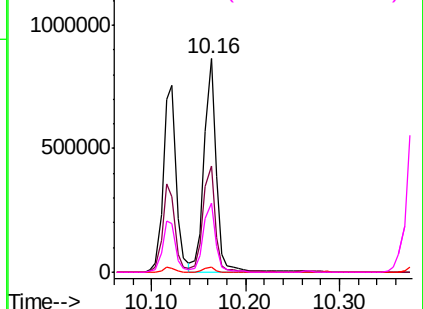


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.497 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

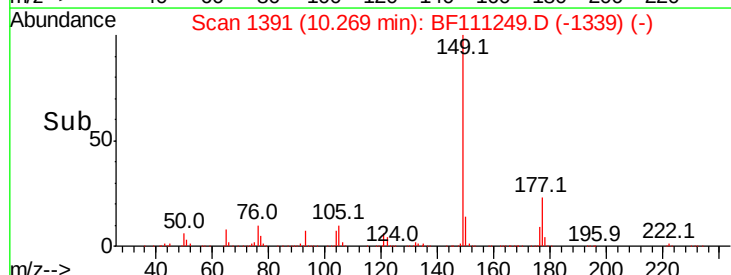
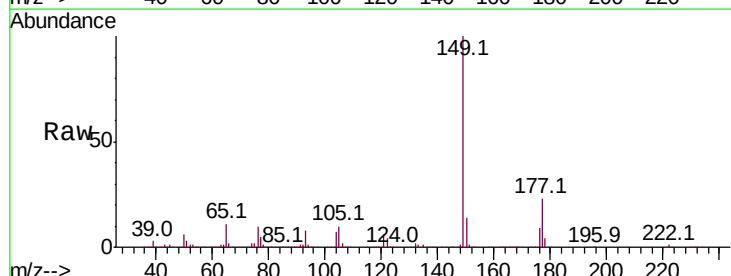
Tgt Ion:149 Resp: 3005712

Ion Ratio Lower Upper

149 100

177 23.4 18.3 27.5

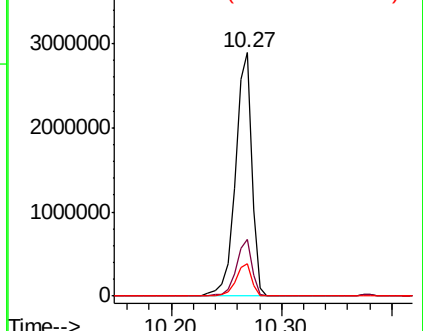
150 13.6 10.6 15.8

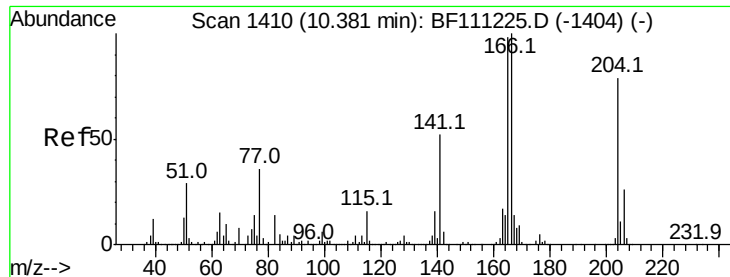


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





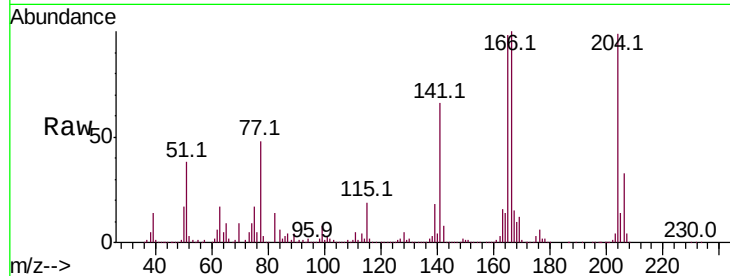
#61
4-Chlorophenyl-phenylether
Concen: 34.451 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	66.7	52.6	78.8

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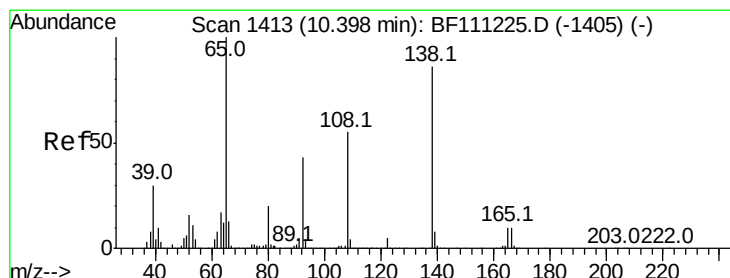
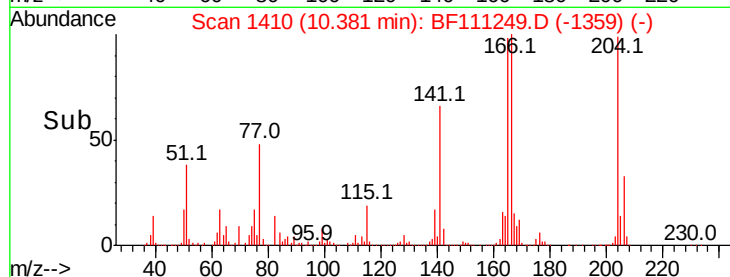
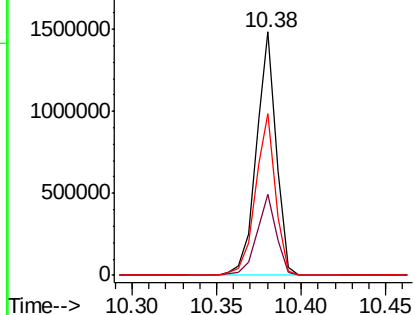


Abundance

Ion 204.00 (203.70 to 204.70): E

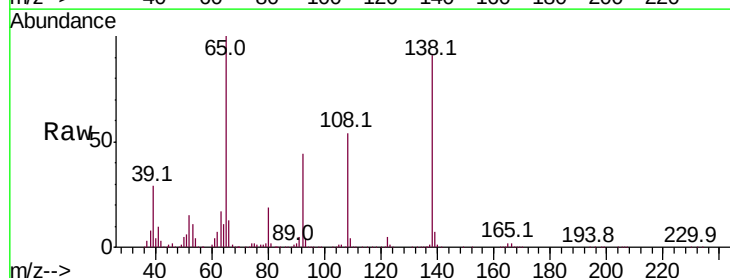
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.871 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.9	69.9
108	59.9	43.2	83.2

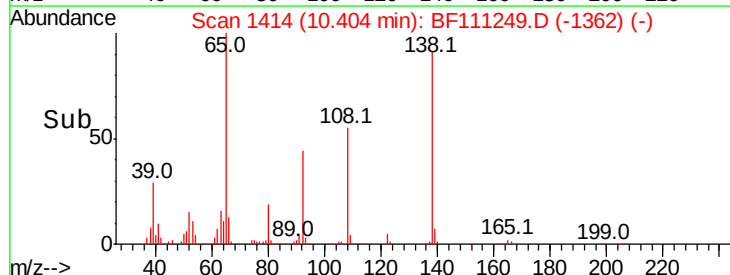
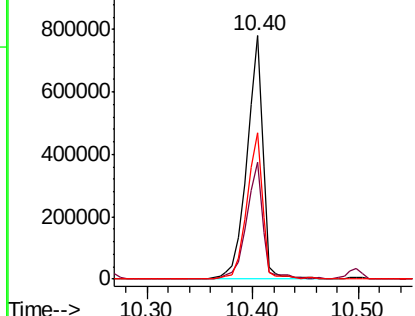


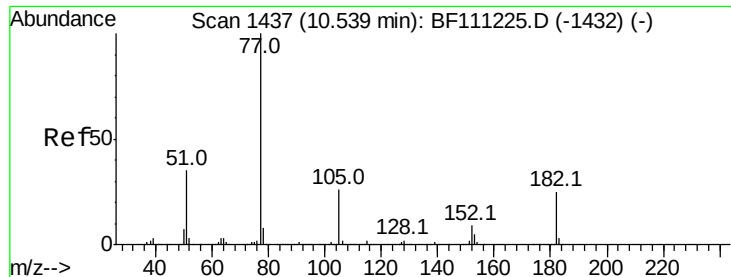
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





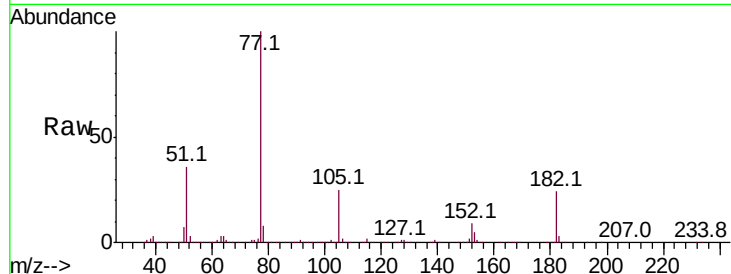
#63
Azobenzene
Concen: 37.802 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

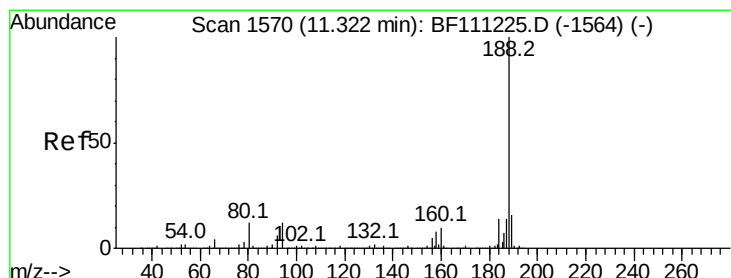
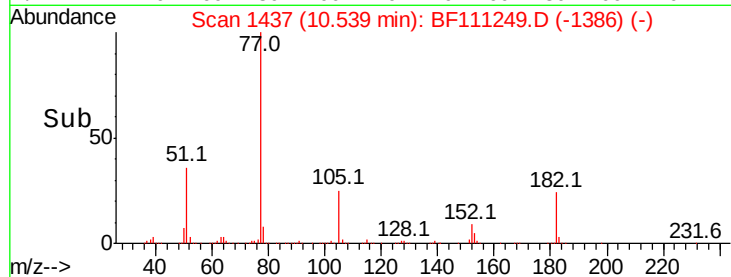
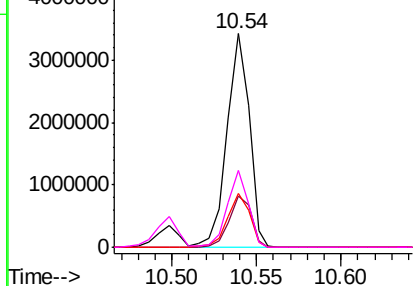
Tot Ion: 77 Resp: 3145974
Ion Ratio Lower Upper
77 100
182 24.1 4.9 44.9
105 25.4 6.0 46.0
51 35.7 14.7 54.7

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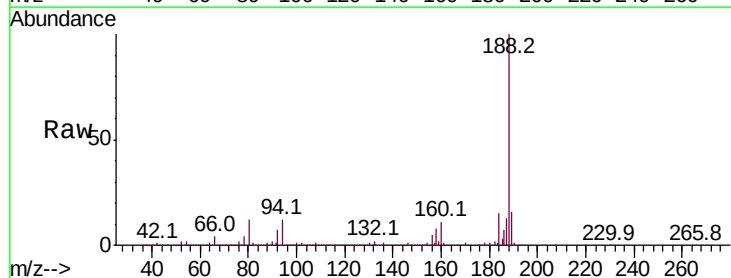


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

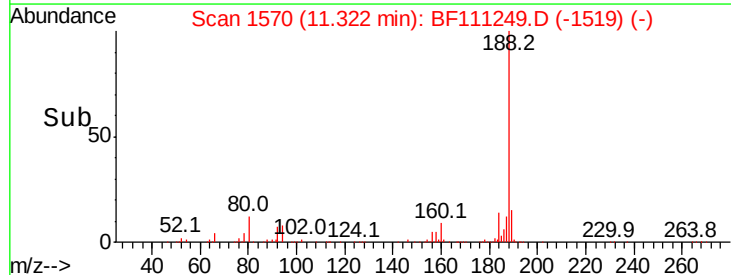
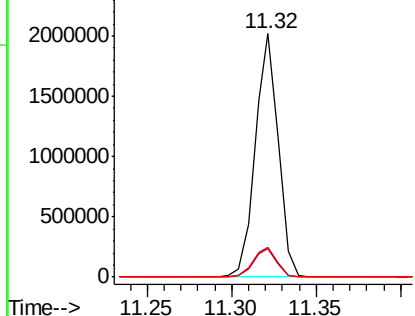


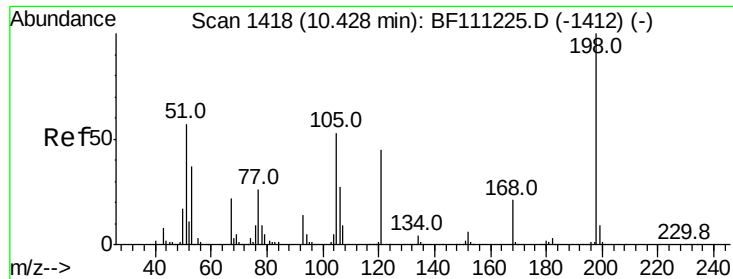
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion: 188 Resp: 1913477
Ion Ratio Lower Upper
188 100
94 11.8 9.6 14.4
80 12.4 9.8 14.6



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





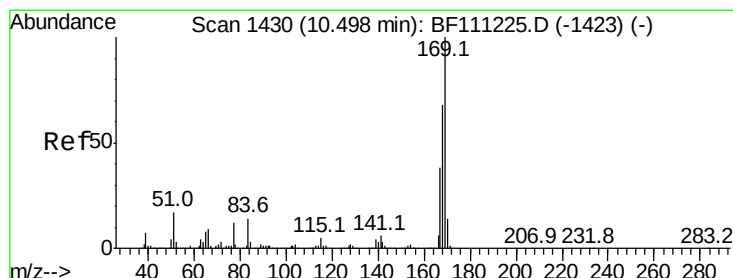
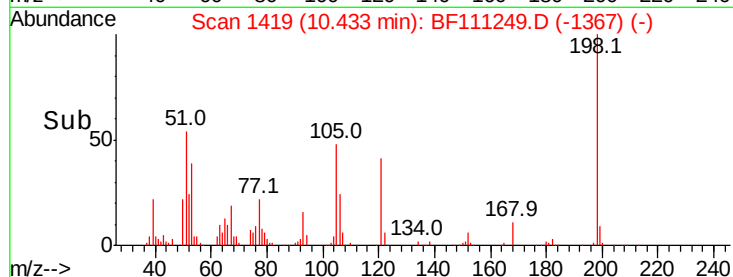
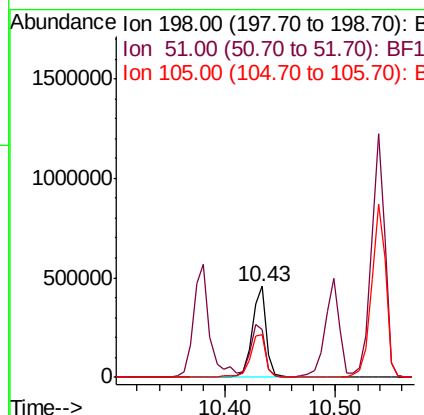
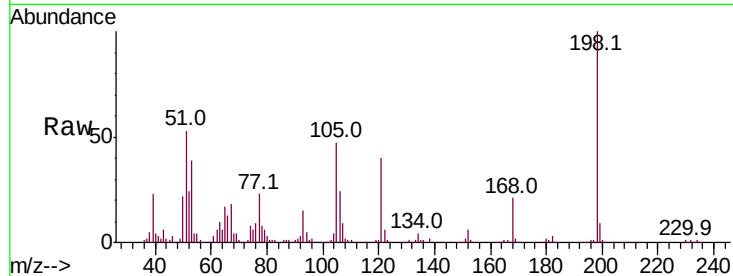
#65
4,6-Dinitro-2-methylphenol
Concen: 36.288 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	408281		
51	52.7	48.0	88.0	
105	46.8	34.0	74.0	

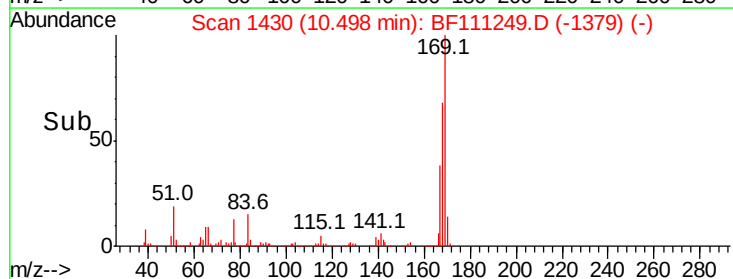
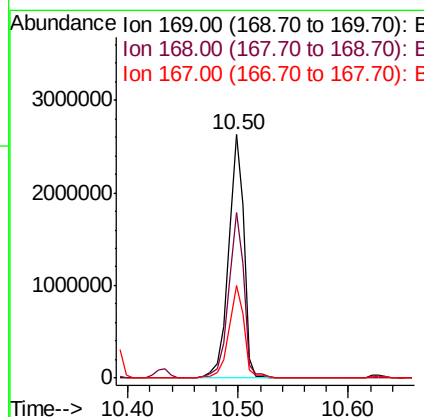
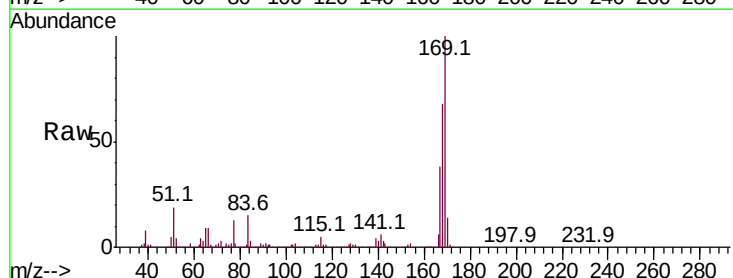
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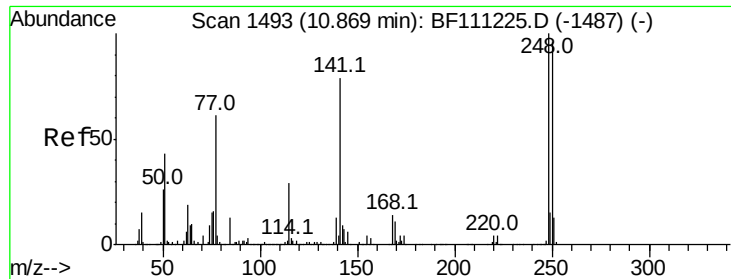
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#66
n-Nitrosodiphenylamine
Concen: 39.037 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2542738		
168	68.1	54.4	81.6	
167	38.2	30.5	45.7	





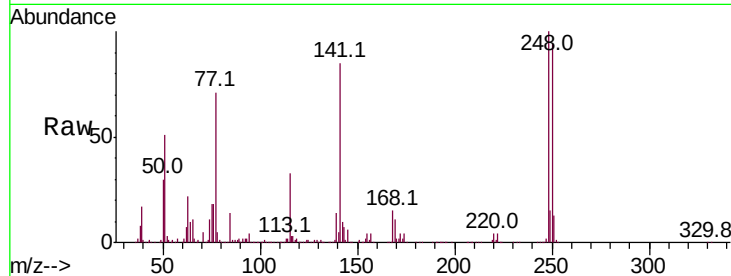
#67
4-Bromophenyl-phenylether
Concen: 38.183 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	77.0	115.4
141	84.6	63.0	94.6

Manual Integrations
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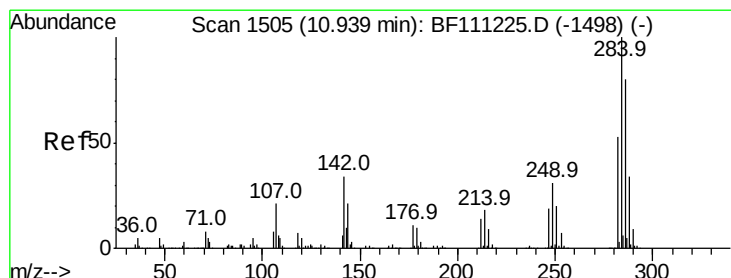
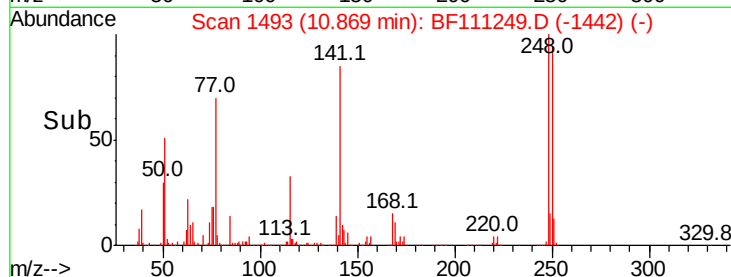
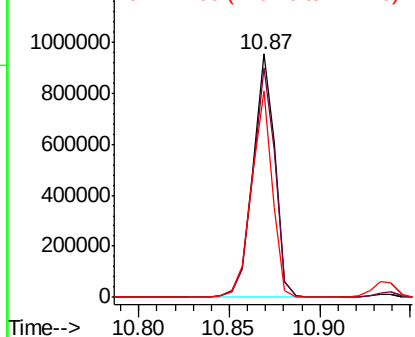


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.046 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

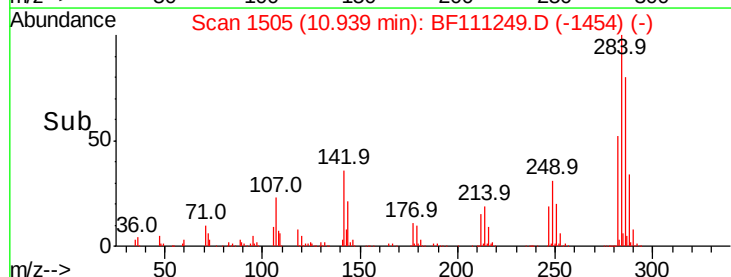
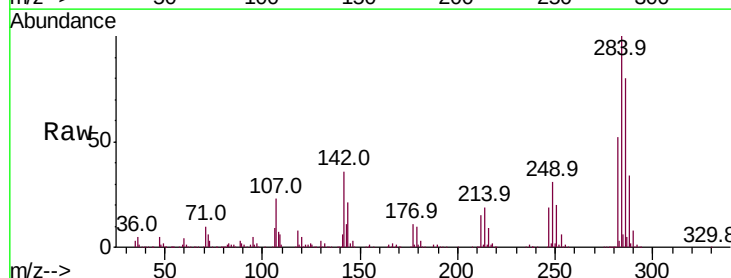
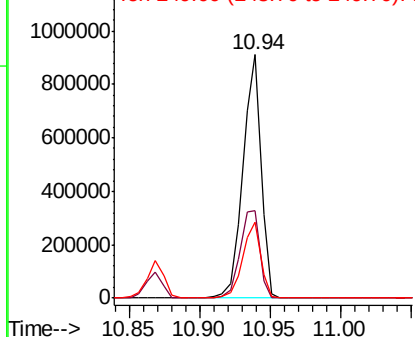
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	27.4	41.2
249	31.3	24.4	36.6

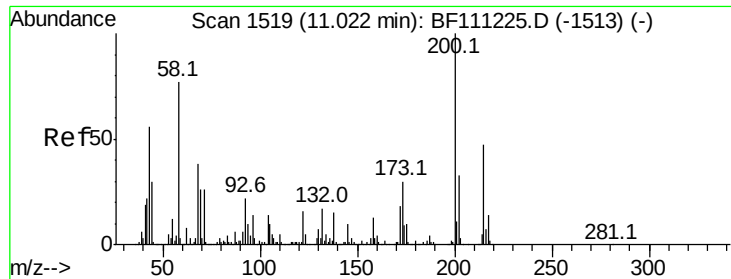
Abundance

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





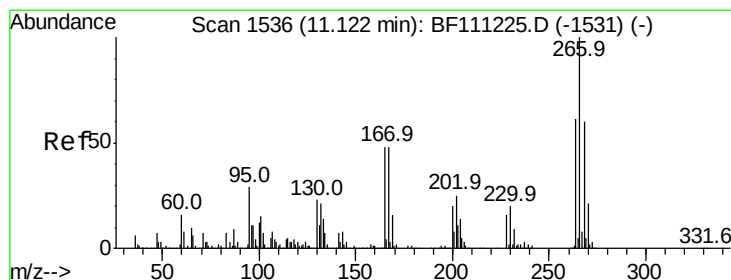
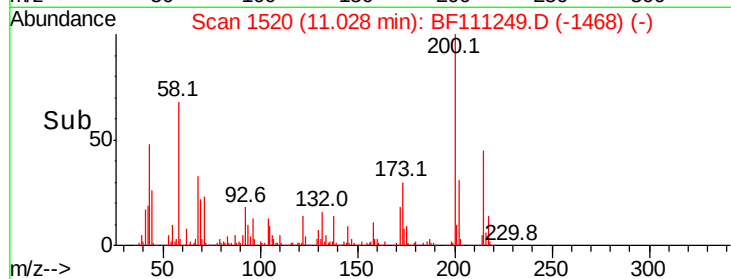
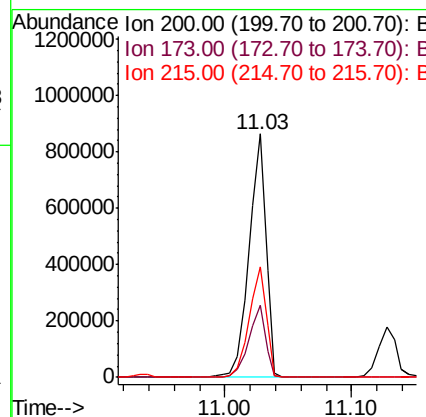
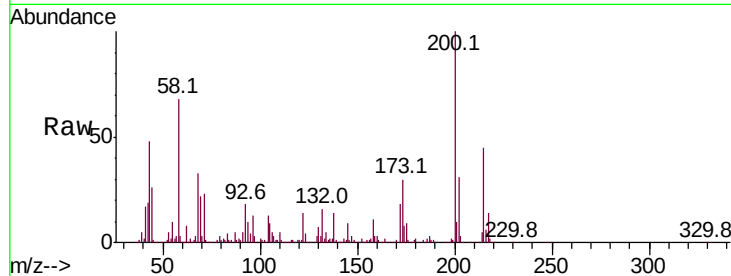
#69
Atrazine
Concen: 40.185 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion:200	Resp:	795947
Ion Ratio	Lower	Upper
200	100	
173	29.5	10.1 50.1
215	45.4	26.9 66.9

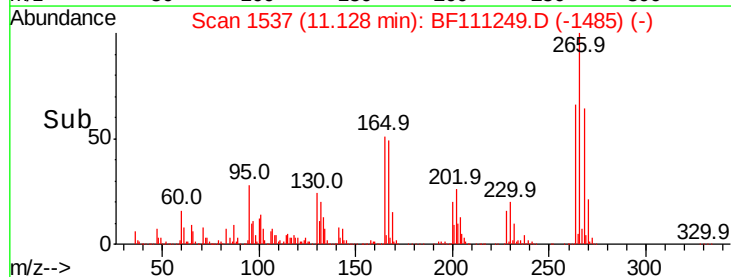
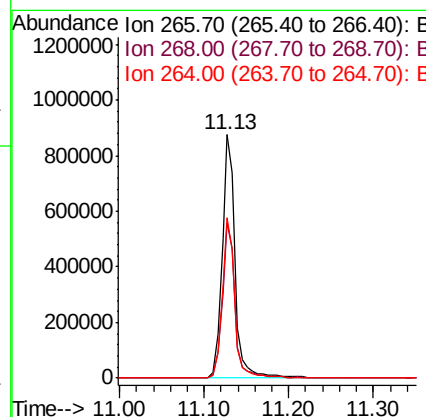
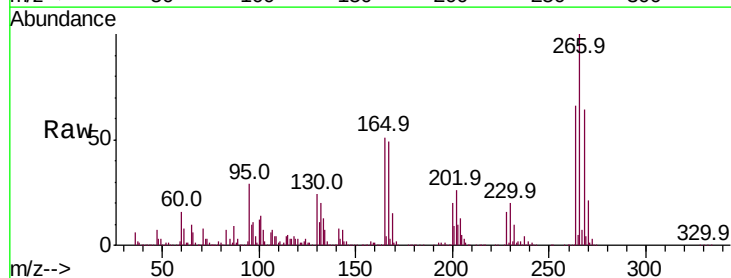
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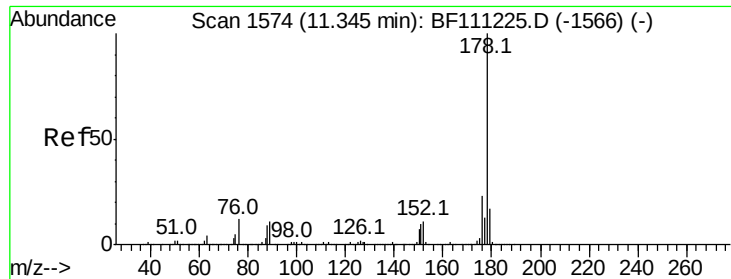
Sohil
12/11/2018 2:23:31 PM



#70
Pentachlorophenol
Concen: 62.165 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:266	Resp:	961456
Ion Ratio	Lower	Upper
266	100	
268	63.8	47.9 71.9
264	65.8	49.1 73.7





#71

Phenanthrene

Concen: 38.632 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:178 Resp: 3728510

Ion Ratio Lower Upper

178 100

176 22.2 18.1 27.1

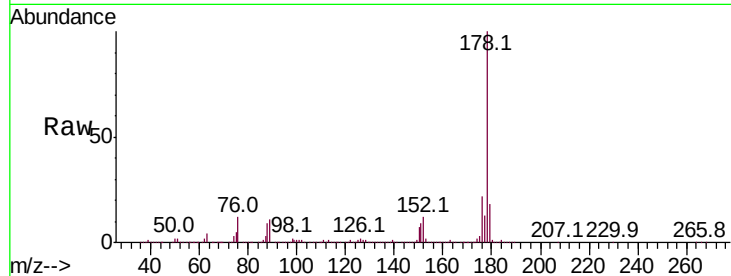
179 17.5 14.0 21.0

Manual Integrations

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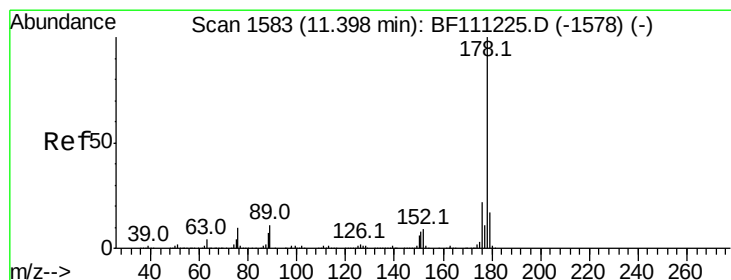
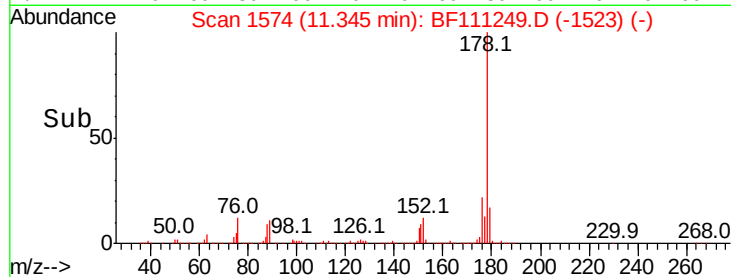
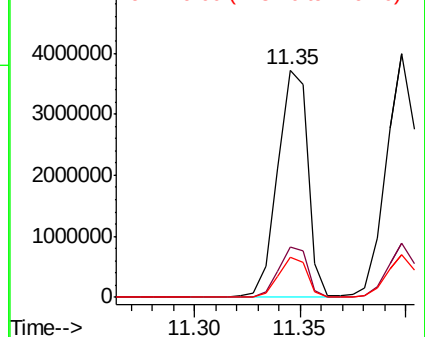
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.518 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Tgt Ion:178 Resp: 3889323

Ion Ratio Lower Upper

178 100

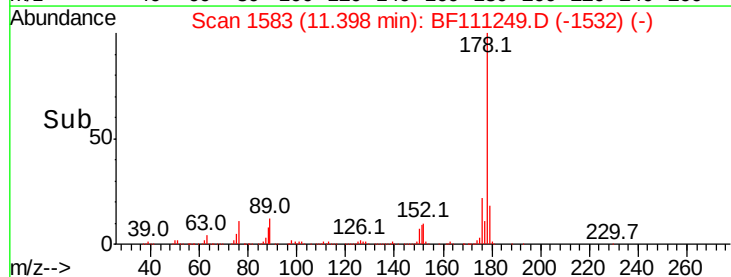
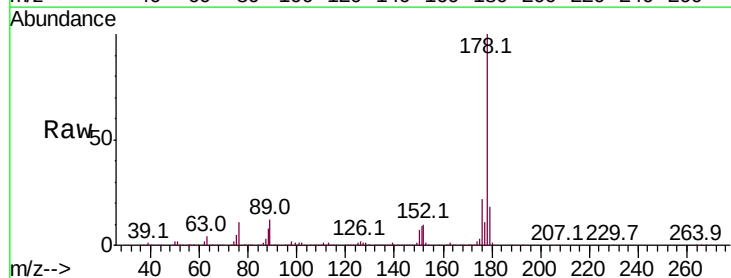
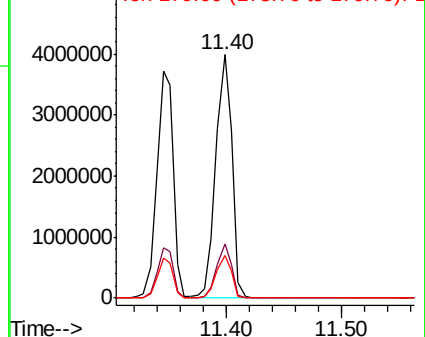
176 22.2 17.2 25.8

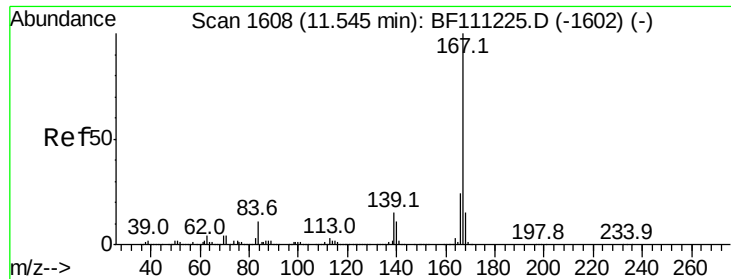
179 17.7 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 34.841 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

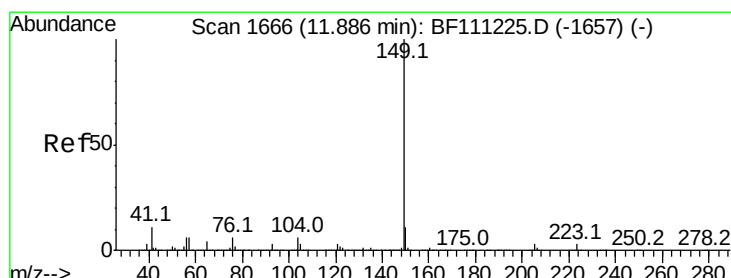
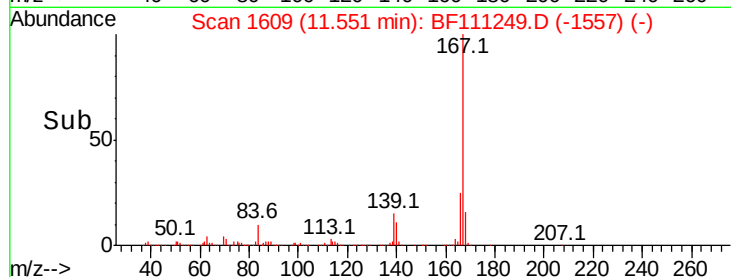
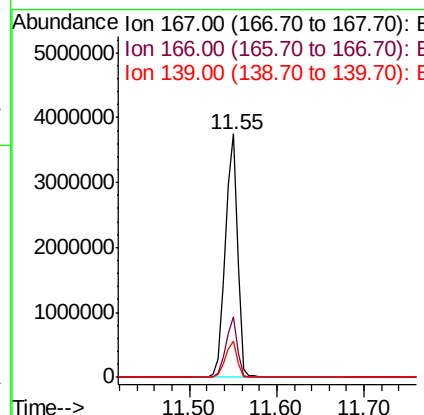
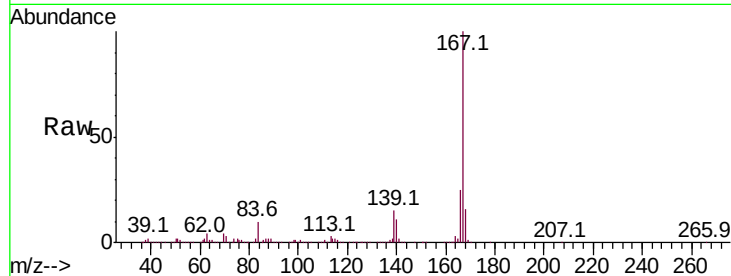
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion:167 Resp: 3678572

Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.3	28.9
139	15.0	11.9	17.9

Manual Integrations
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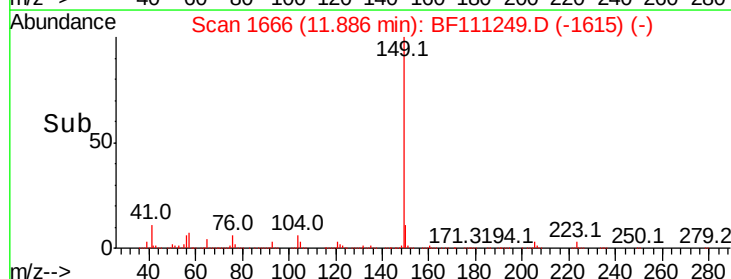
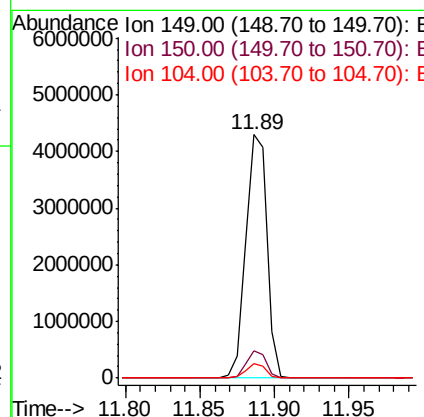
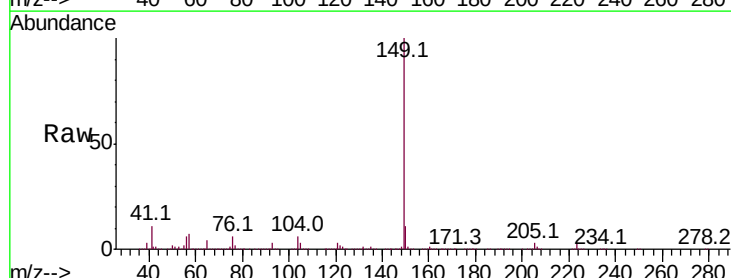
Sohil
 12/11/2018 2:23:31 PM

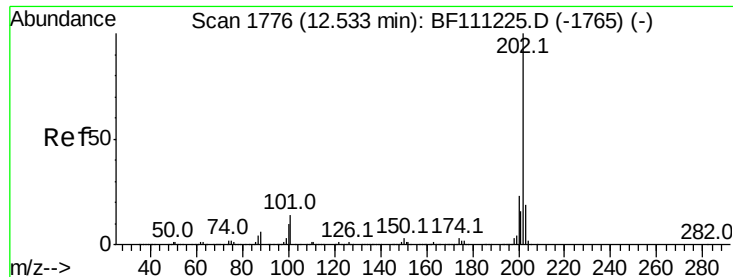


#74
 Di-n-butylphthalate
 Concen: 38.811 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:149 Resp: 4211867

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.8	13.2
104	5.8	4.5	6.7





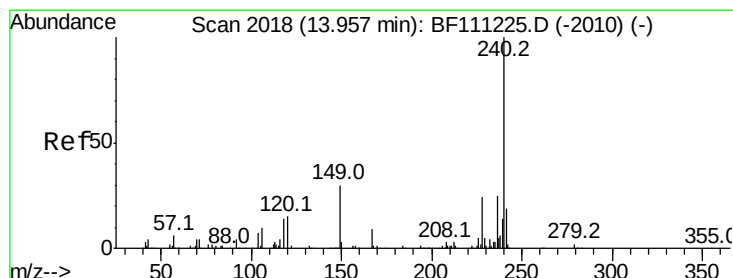
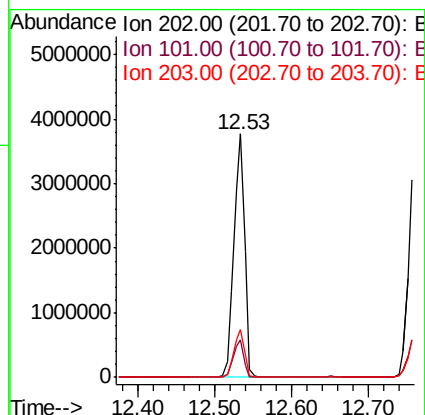
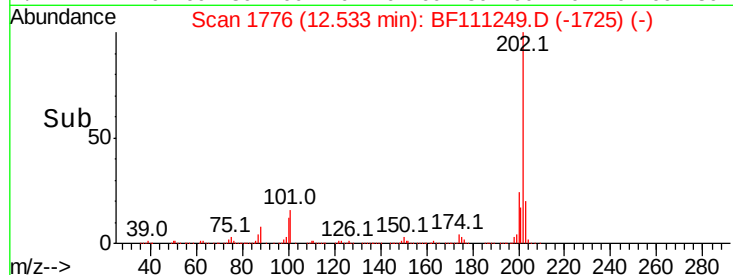
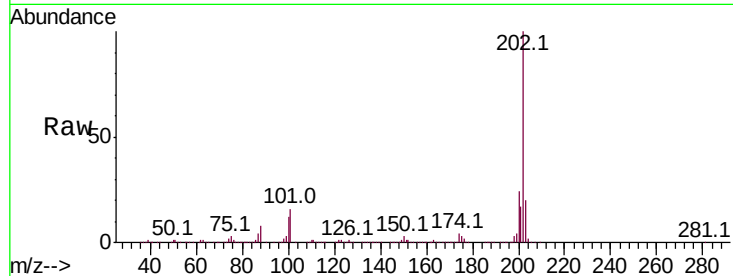
#75
 Fluoranthene
 Concen: 41.782 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion:	202	Resp:	3683701
Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.8
203	19.8	0.0	38.6

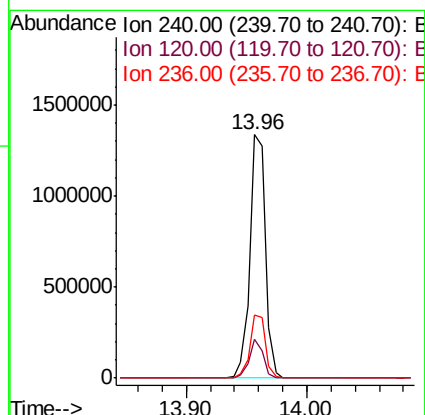
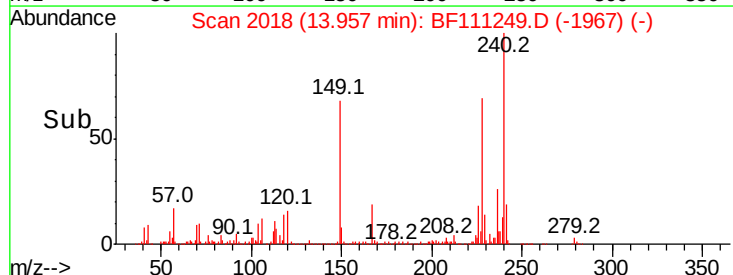
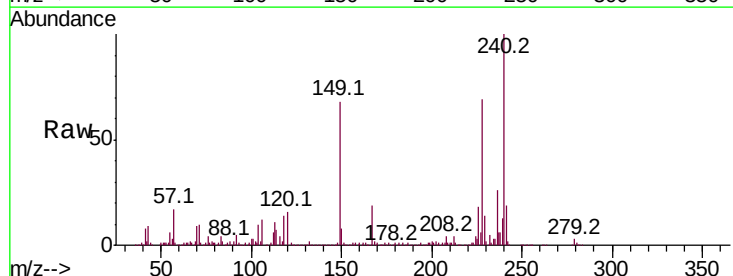
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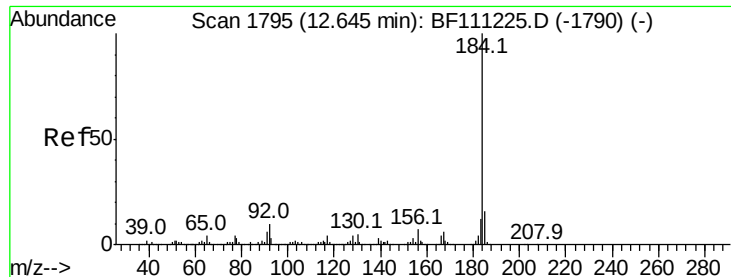
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion:	240	Resp:	1211162
Ion	Ratio	Lower	Upper
240	100		
120	16.2	12.2	18.2
236	26.1	20.2	30.2





#77

Benzidine

Concen: 52.941 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:184 Resp: 1903853

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

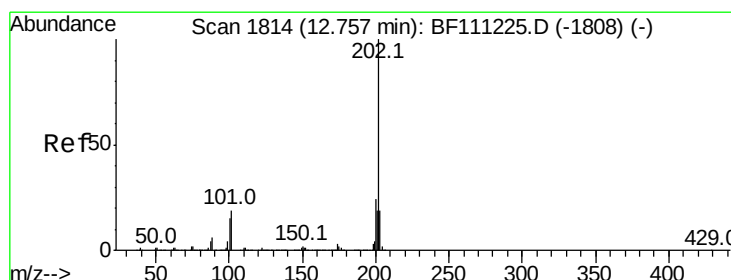
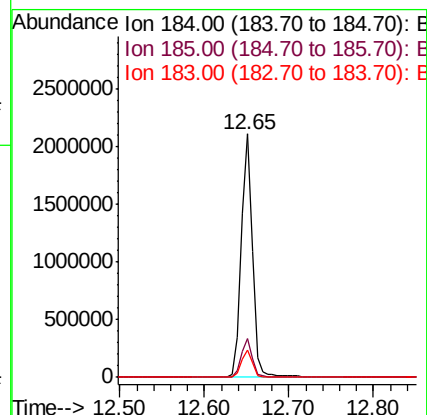
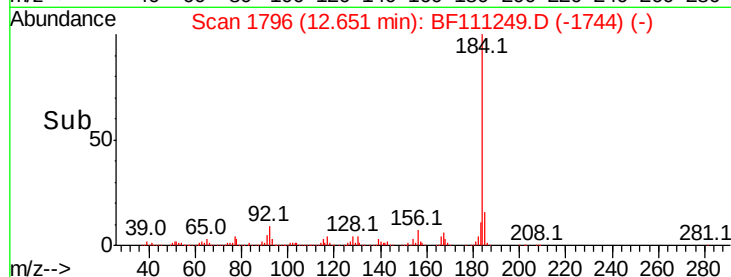
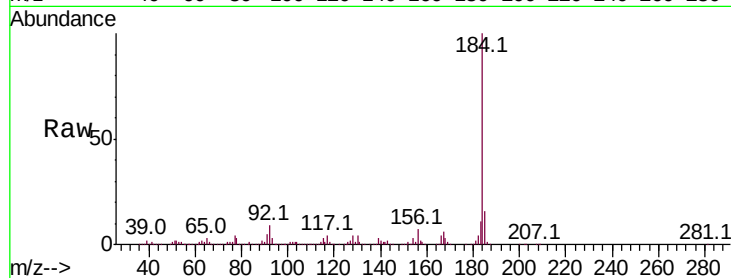
183 11.5 9.3 13.9

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#78

Pyrene

Concen: 43.363 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

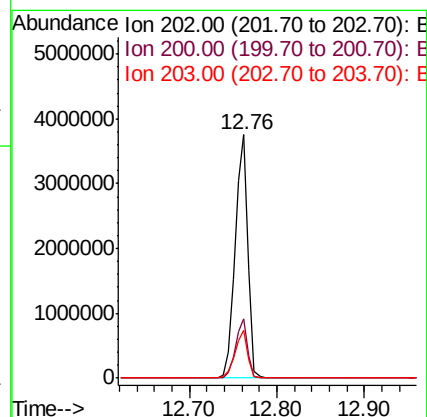
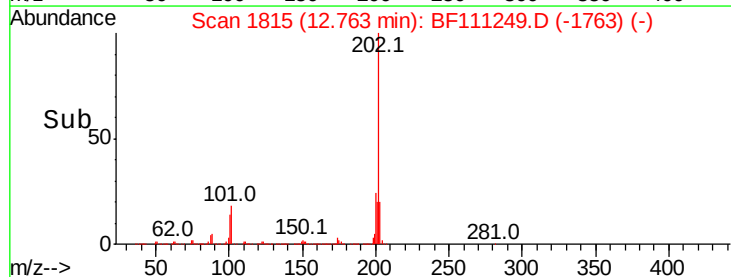
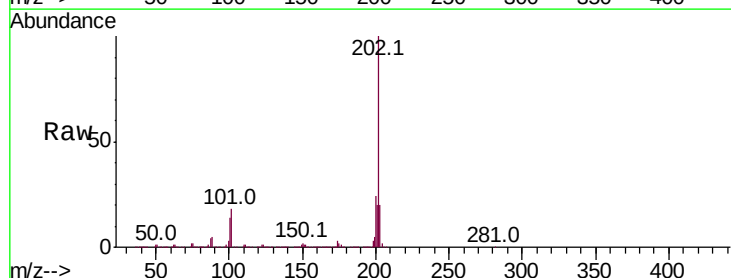
Tgt Ion:202 Resp: 3753060

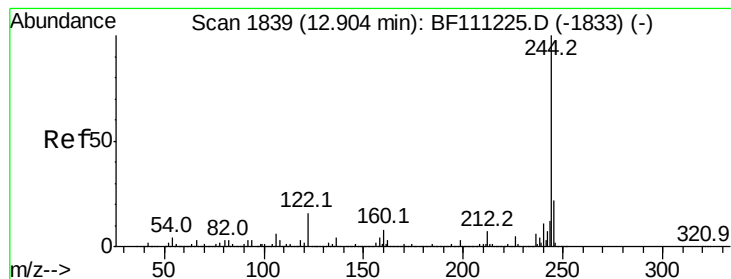
Ion Ratio Lower Upper

202 100

200 24.1 19.0 28.4

203 19.8 15.2 22.8





#79

Terphenyl-d14

Concen: 74.353 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:244 Resp: 3754351

Ion Ratio Lower Upper

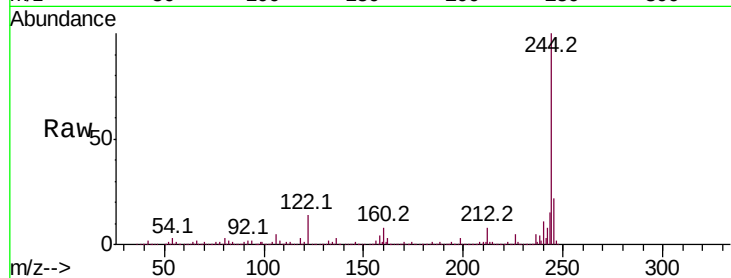
244 100

212 7.5 5.7 8.5

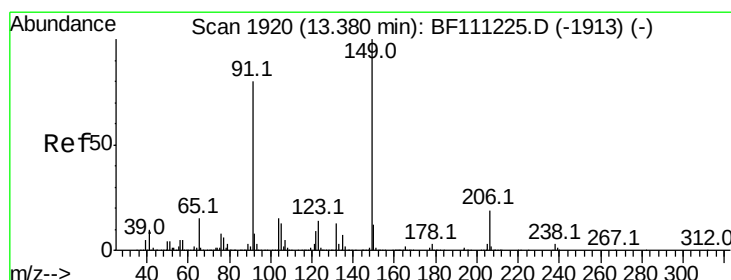
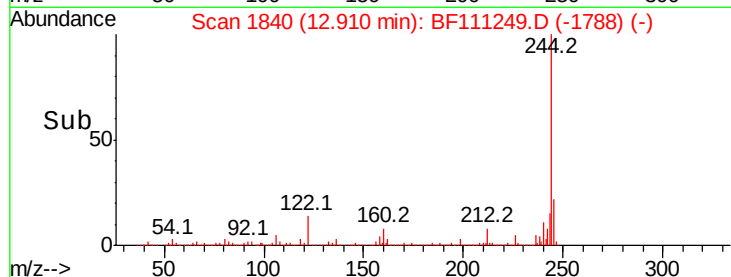
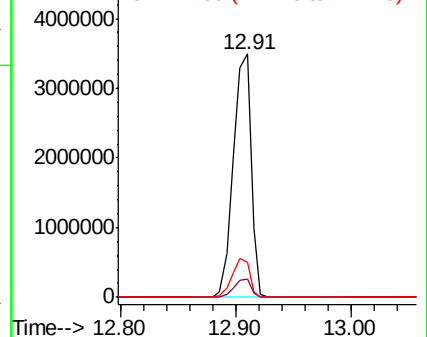
122 14.3 13.1 19.7

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



#80

Butylbenzylphthalate

Concen: 41.061 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

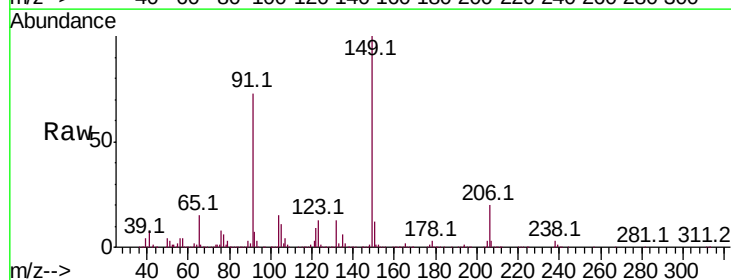
Tgt Ion:149 Resp: 1856264

Ion Ratio Lower Upper

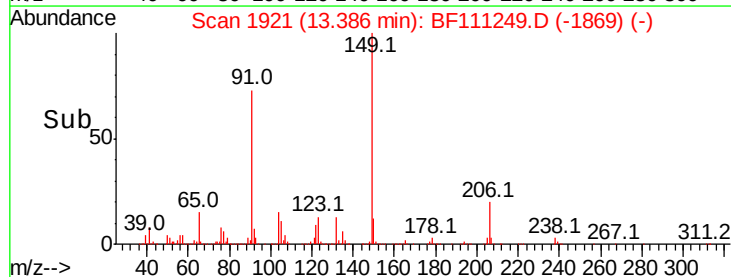
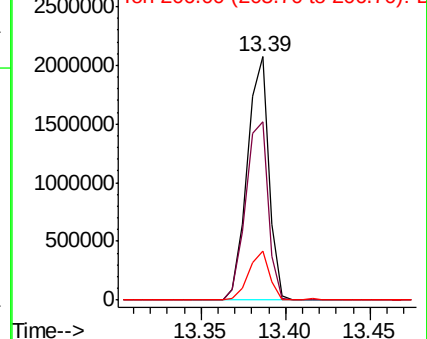
149 100

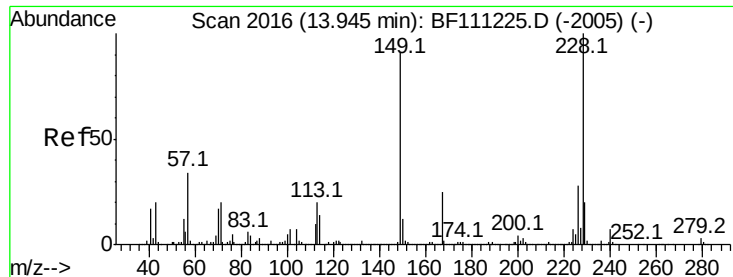
91 73.4 63.8 95.6

206 20.1 15.1 22.7



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





#81

Benzo(a)anthracene

Concen: 40.787 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB115276BSD

Tot Ion:228 Resp: 2756000

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

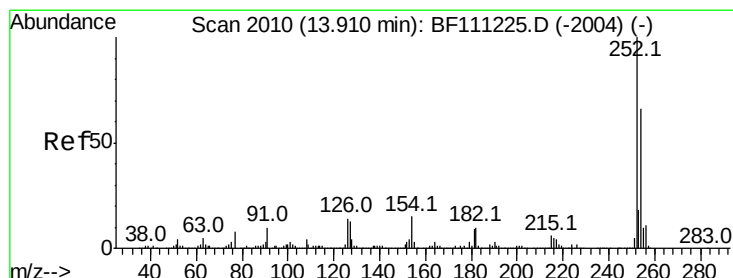
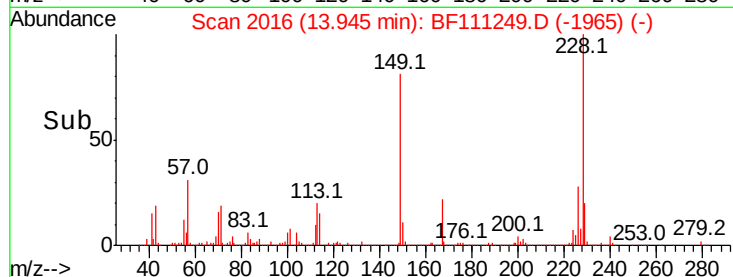
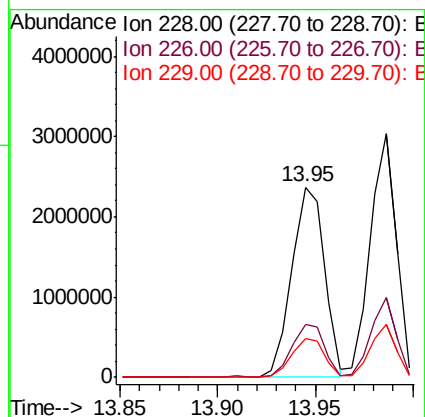
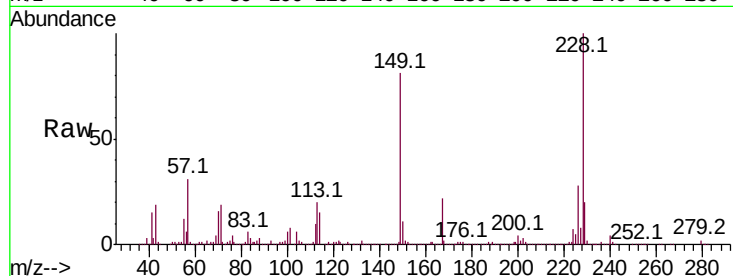
229 20.3 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 27.585 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF111249.D

Acq: 10 Dec 2018 18:29

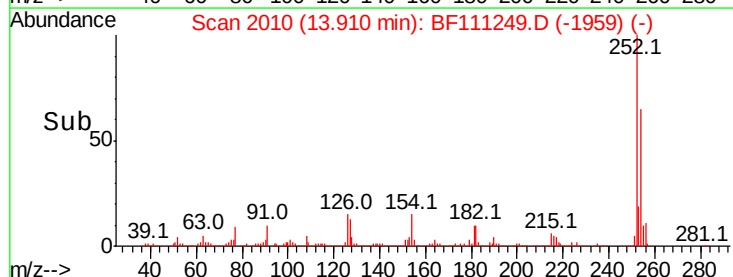
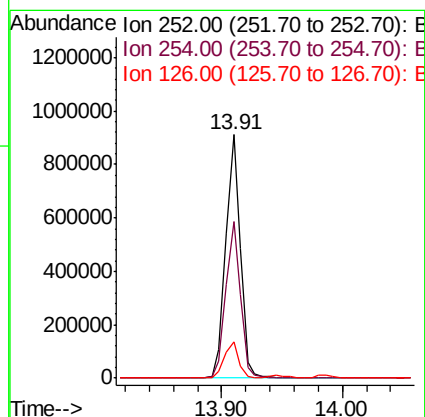
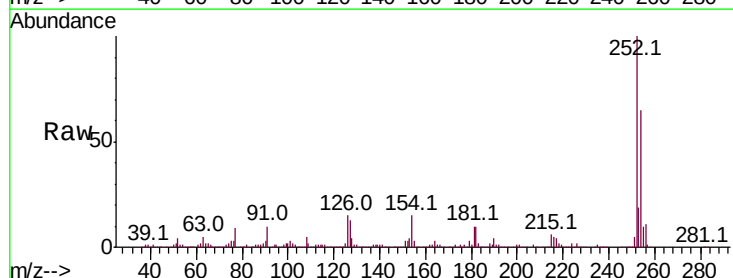
Tgt Ion:252 Resp: 763983

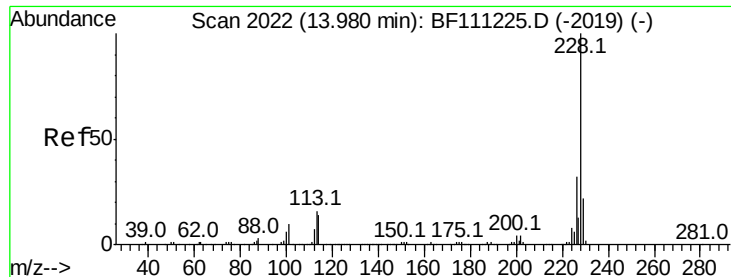
Ion Ratio Lower Upper

252 100

254 64.5 52.7 79.1

126 14.8 11.1 16.7





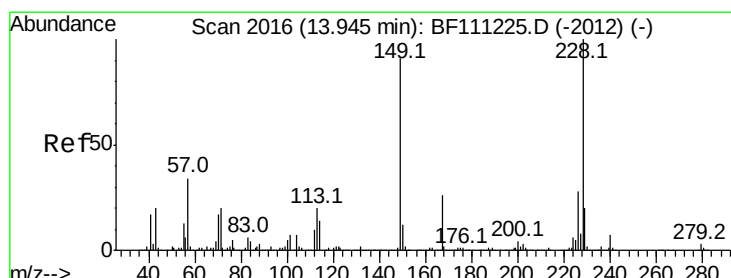
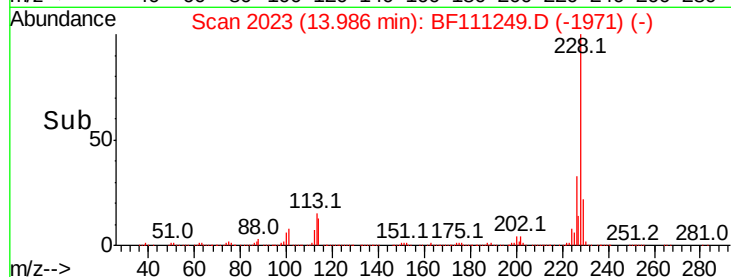
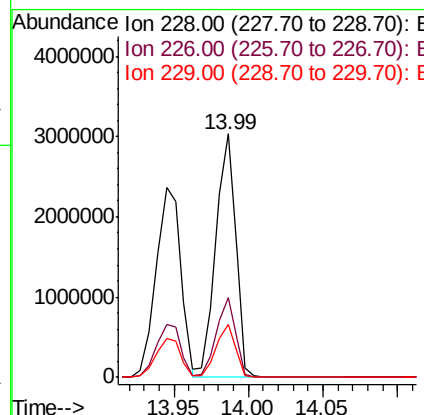
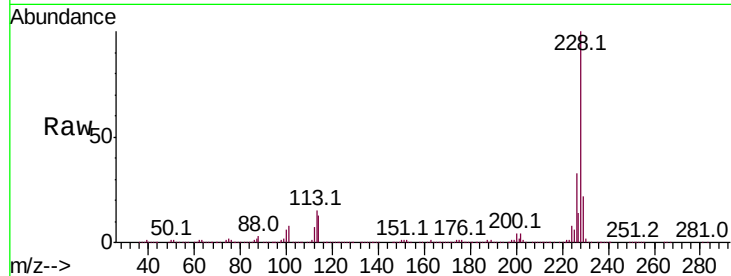
#83
 Chrysene
 Concen: 40.519 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.3	37.9
229	21.8	17.2	25.8

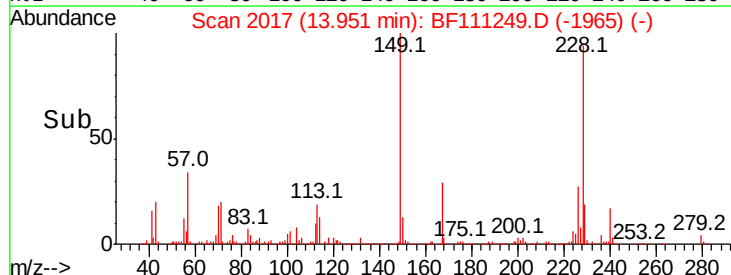
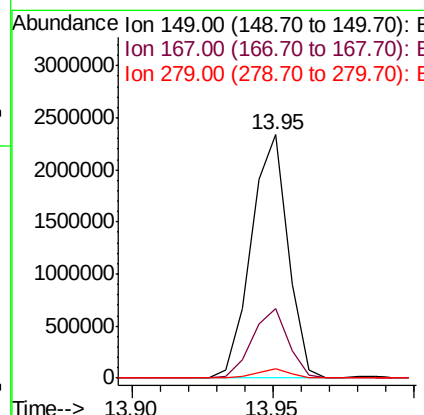
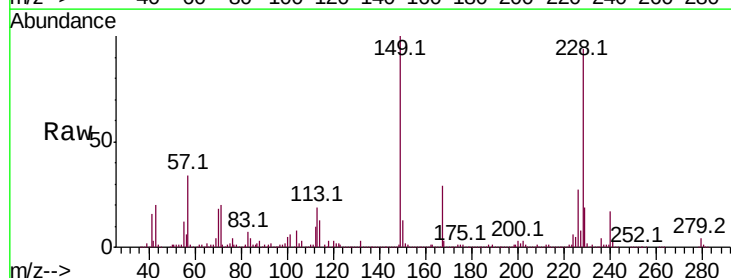
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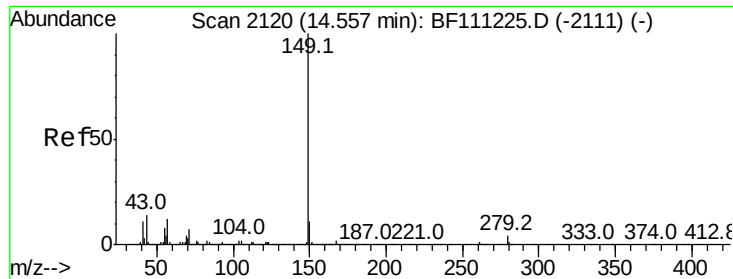
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.351 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111249.D
 Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	3.9	2.6	4.0





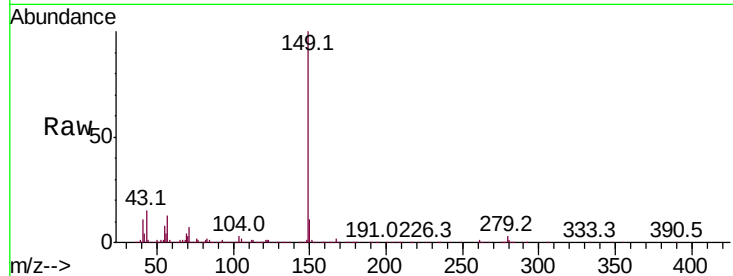
#85
Di-n-octyl phthalate
Concen: 40.743 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.3	10.9	16.3

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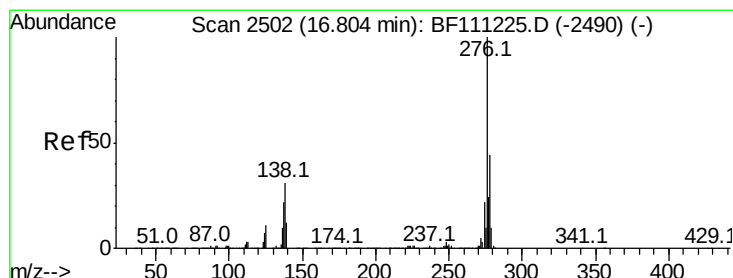
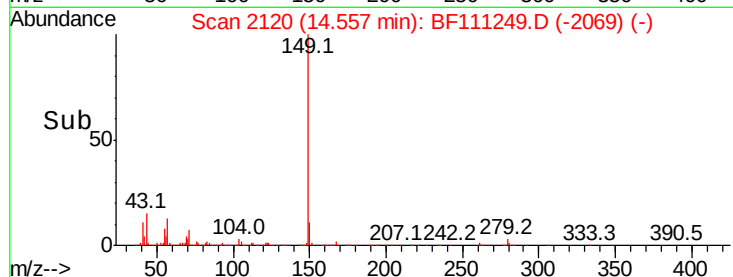
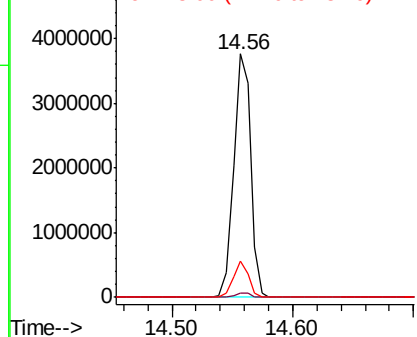


Abundance

Ion 149.00 (148.70 to 149.70): E

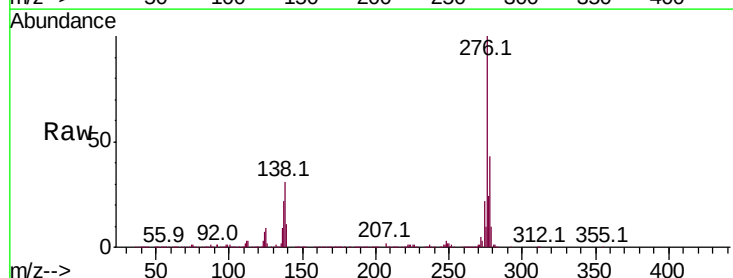
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.117 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.1	20.1	30.1

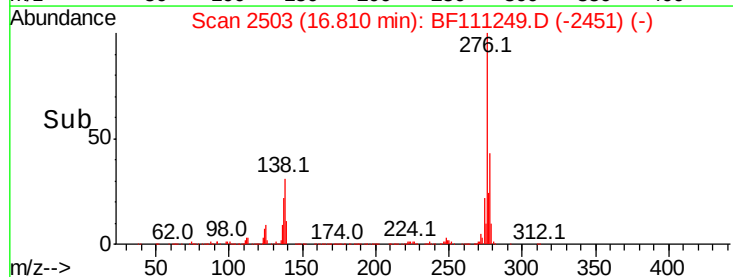
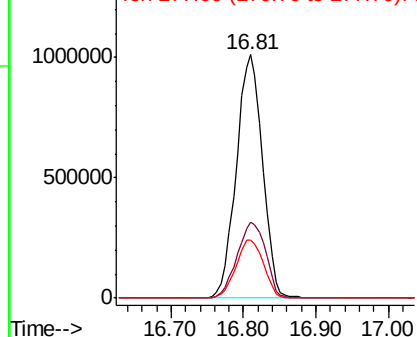


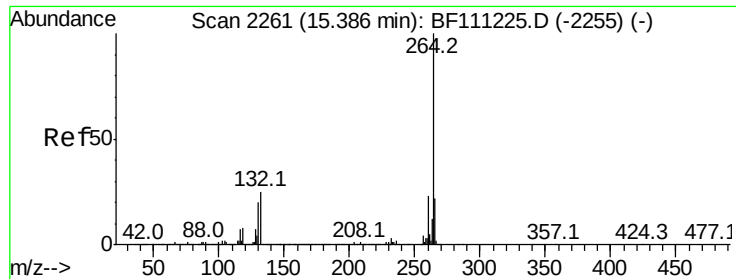
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

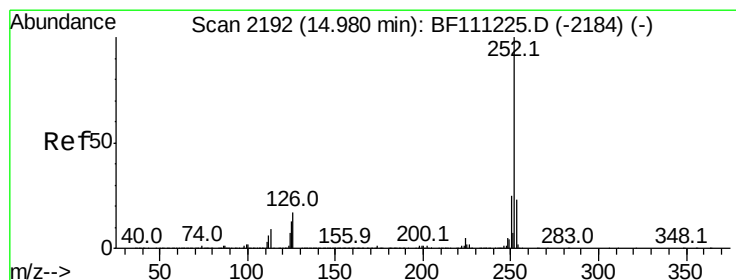
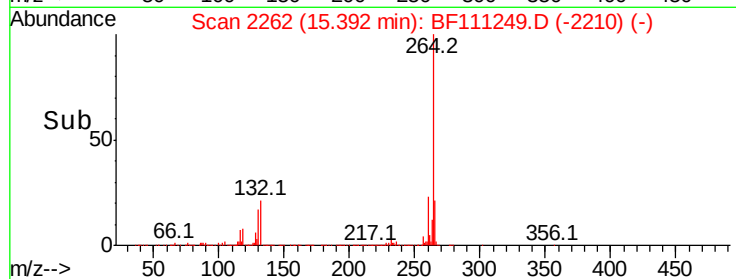
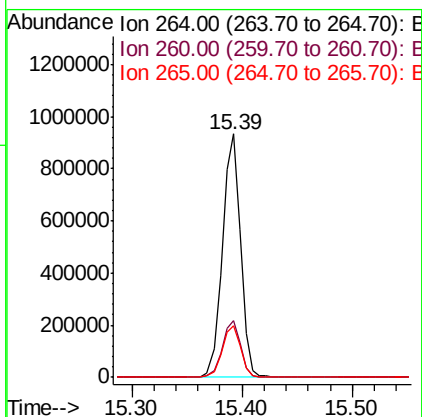
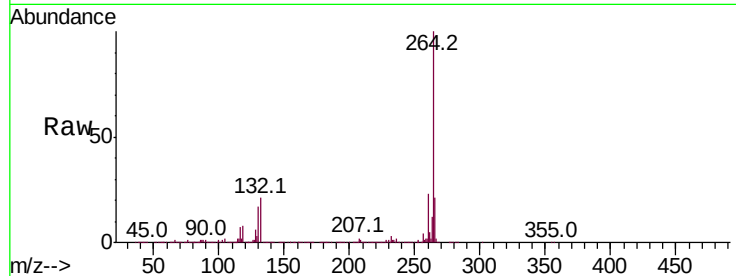
Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion:264 Resp: 1073965

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	17.7	26.5

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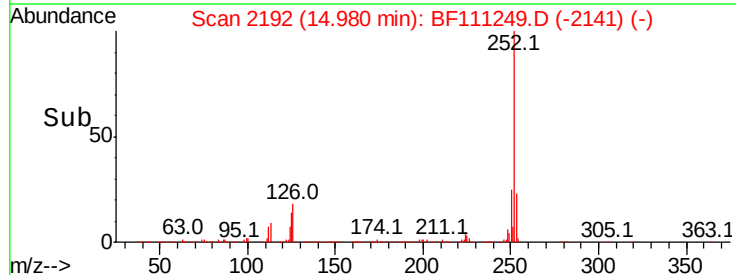
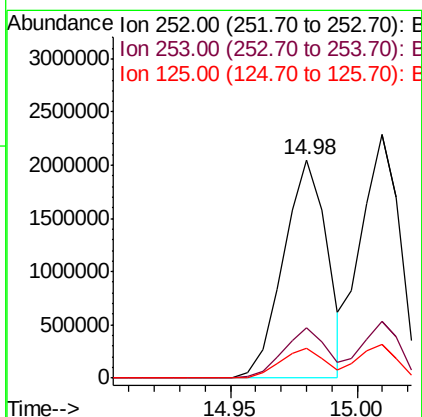
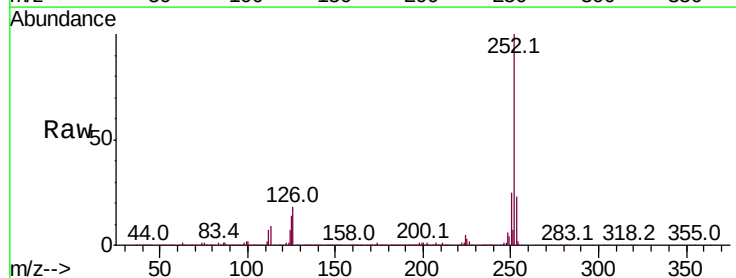
Sohil
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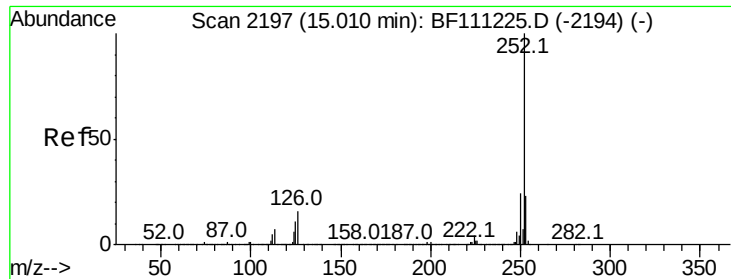


#88
Benzo(b)fluoranthene
Concen: 41.462 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:252 Resp: 2462564

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.7	10.4	15.6





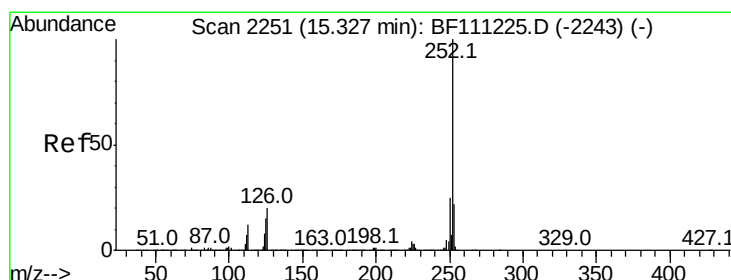
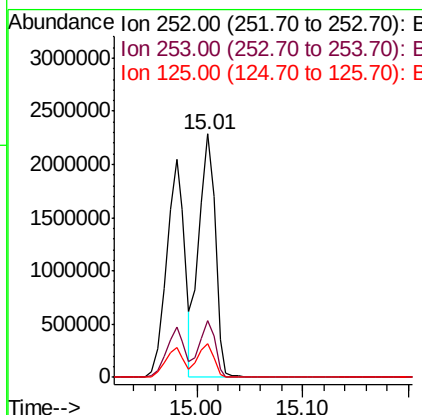
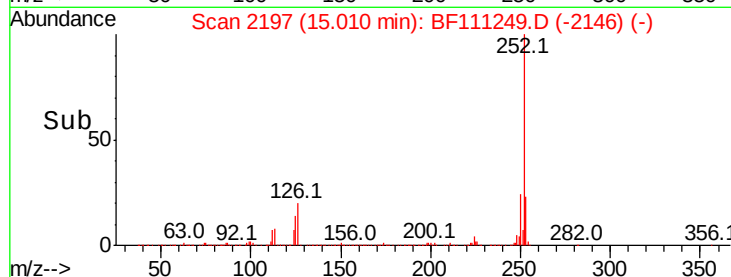
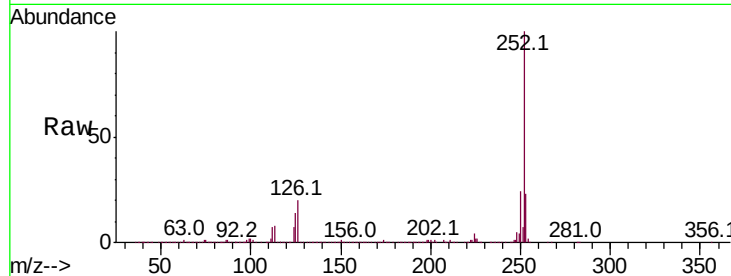
#89
Benzo(k)fluoranthene
Concen: 43.626 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion:252 Resp: 2436093
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 13.9 9.8 14.8

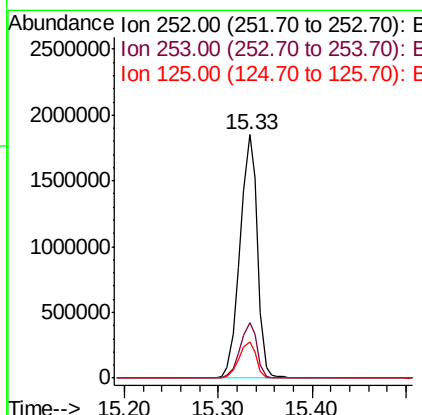
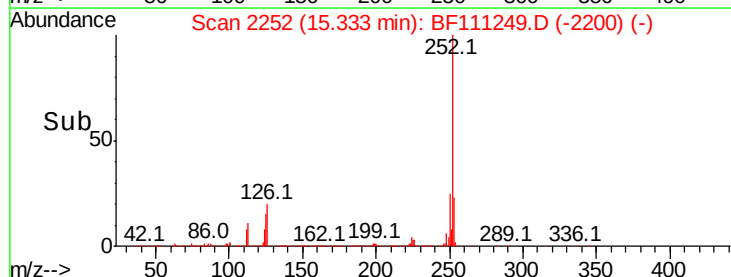
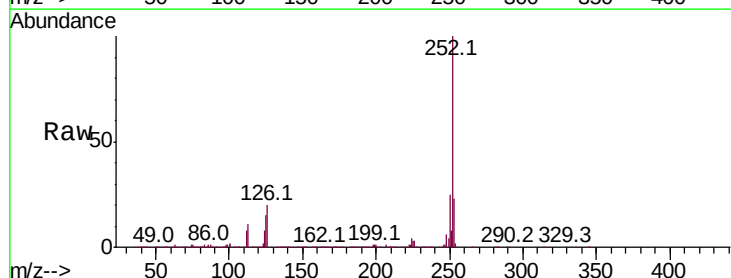
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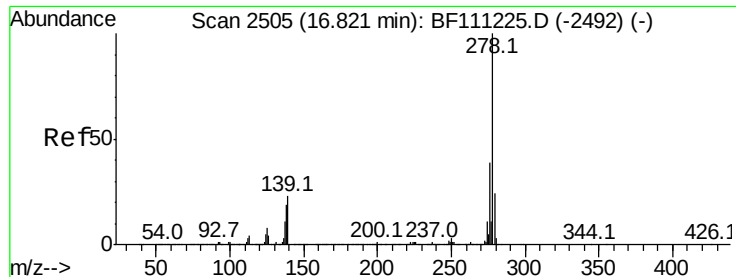
Sohil
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#90
Benzo(a)pyrene
Concen: 43.362 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion:252 Resp: 2371603
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.0 12.3 18.5





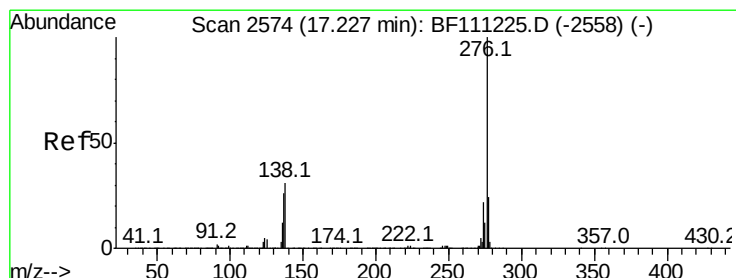
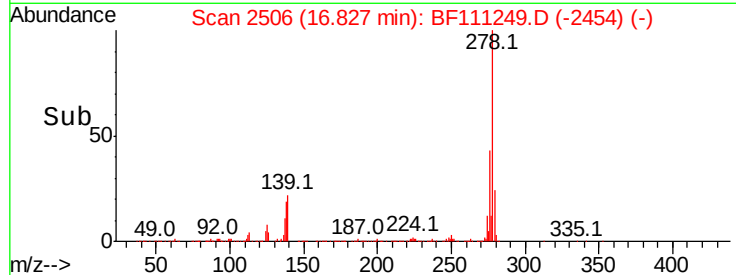
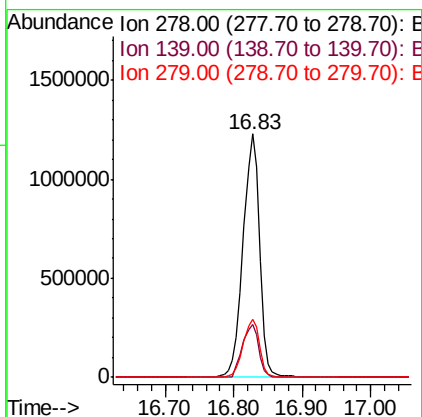
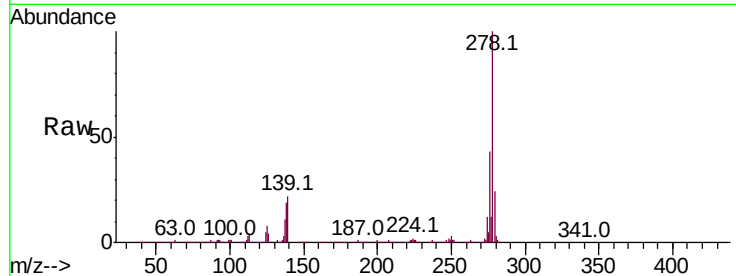
#91
Dibenzo(a,h)anthracene
Concen: 48.218 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB115276BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.8	18.2	27.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 2:23:31 PM



#92
Benzo(g,h,i)perylene
Concen: 50.545 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111249.D
Acq: 10 Dec 2018 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.1	24.9	37.3

