

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111181.D
 Acq On : 7 Dec 2018 12:37
 Operator : JU/SJ
 Sample : PB115300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:40 AM

Quant Time: Dec 10 13:16:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	422141	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1676973	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	764588	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1315546	20.00	ng	0.00
76) Chrysene-d12	13.96	240	823386	20.00	ng	0.01
87) Perylene-d12	15.40	264	627534	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	3132776	115.80	ng	0.02
7) Phenol-d6	6.45	99	3971048	113.95	ng	0.01
23) Nitrobenzene-d5	7.37	82	2075004	73.26	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	823860	135.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3412976	82.15	ng	0.00
79) Terphenyl-d14	12.92	244	3011055	74.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	516400	33.187	ng	99
3) Pyridine	3.40	79	1429401	41.419	ng	97
4) n-Nitrosodimethylamine	3.34	42	740012	43.551	ng	94
6) Aniline	6.47	93	1472714	31.632	ng	100
8) 2-Chlorophenol	6.60	128	1256848	40.308	ng	100
9) Benzaldehyde	6.35	77	533318	25.522	ng	99
10) Phenol	6.46	94	1531227	40.298	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	1201673	38.694	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1331730	40.159	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1346575	40.351	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1254584	40.414	ng	99
15) Benzyl Alcohol	6.95	79	1120362	40.576	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2387541	39.522	ng	100
17) 2-Methylphenol	7.06	107	1041684	40.697	ng	99
18) Hexachloroethane	7.32	117	516474	41.255	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	898587	38.370	ng	91
20) 3+4-Methylphenols	7.22	107	1236959	39.623	ng	96
22) Acetophenone	7.22	105	1693334	41.784	ng	# 90
24) Nitrobenzene	7.39	77	1337650	43.896	ng	98
25) Isophorone	7.63	82	2425672	46.662	ng	99
26) 2-Nitrophenol	7.70	139	657936	51.098	ng	94
27) 2,4-Dimethylphenol	7.75	122	1148055	47.343	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1540192	43.766	ng	99
29) 2,4-Dichlorophenol	7.95	162	1034395	43.329	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1046419	43.427	ng	98
31) Naphthalene	8.11	128	3531237	48.364	ng	97
32) Benzoic acid	7.86	122	729693	45.632	ng	96
33) 4-Chloroaniline	8.16	127	832592	23.590	ng	94
34) Hexachlorobutadiene	8.24	225	562755	42.975	ng	98
35) Caprolactam	8.52	113	346745m	39.559	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1096528	41.934	ng	100
37) 2-Methylnaphthalene	8.80	142	2386426	47.384	ng	99
38) 1-Methylnaphthalene	8.90	142	2263877	46.754	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	859399	42.173	ng	99

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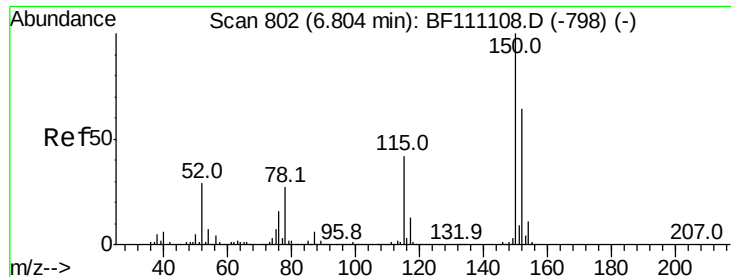
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1142553	106.333	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	694653	46.674	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	693953	45.997	nq	96
46) 1,1'-Biphenyl	9.27	154	2649452	42.330	nq	97
47) 2-Chloronaphthalene	9.29	162	2102347	43.225	nq	99
48) 2-Nitroaniline	9.38	65	711254	45.125	nq	96
49) Acenaphthylene	9.71	152	3260115	47.953	nq	99
50) Dimethylphthalate	9.57	163	2368570	44.512	nq	99
51) 2,6-Dinitrotoluene	9.63	165	546840	48.471	nq	99
52) Acenaphthene	9.88	154	2162108	48.139	nq	99
53) 3-Nitroaniline	9.79	138	436639	30.812	nq	92
54) 2,4-Dinitrophenol	9.90	184	412550	112.487	nq	# 74
55) Dibenzofuran	10.05	168	2834712	45.823	nq	98
56) 4-Nitrophenol	9.95	139	970295	90.861	nq	97
57) 2,4-Dinitrotoluene	10.03	165	729891	50.093	nq	94
58) Fluorene	10.39	166	2110584	48.381	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	561841	49.896	nq	94
60) Diethylphthalate	10.27	149	2333900	43.888	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	945685	43.988	nq	98
62) 4-Nitroaniline	10.41	138	595235	46.539	nq	91
63) Azobenzene	10.54	77	2400244	42.395	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	288371	53.058	nq	97
66) n-Nitrosodiphenylamine	10.50	169	1943293	42.186	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	589419	42.326	nq	96
68) Hexachlorobenzene	10.94	284	622588	43.723	nq	98
69) Atrazine	11.03	200	601442	49.048	nq	96
70) Pentachlorophenol	11.13	266	712466	76.085	nq	98
71) Phenanthrene	11.35	178	2975130	47.015	nq	98
72) Anthracene	11.40	178	3045570	47.747	nq	99
73) Carbazole	11.56	167	2822582	42.527	nq	98
74) Di-n-butylphthalate	11.89	149	3390191	43.635	nq	100
75) Fluoranthene	12.54	202	2894372	46.743	nq	98
77) Benzidine	12.66	184	1399997	50.987	nq	99
78) Pyrene	12.77	202	2932060	45.708	nq	99
80) Butylbenzylphthalate	13.39	149	1416533	45.711	nq	99
81) Benzo(a)anthracene	13.95	228	2136845	44.294	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	500853	27.511	nq	# 97
83) Chrysene	13.99	228	2153271	44.961	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1643315	43.903	nq	# 99
85) Di-n-octyl phthalate	14.56	149	2686953	45.663	nq	96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1688634	43.915	nq	# 87
88) Benzo(b)fluoranthene	14.99	252	1739886	48.930	nq	99
89) Benzo(k)fluoranthene	15.02	252	1694526	49.294	nq	100
90) Benzo(a)pyrene	15.34	252	1585606	48.614	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1389111	50.752	nq	98
92) Benzo(g,h,i)perylene	17.24	276	1446033	52.573	nq	99

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



#1

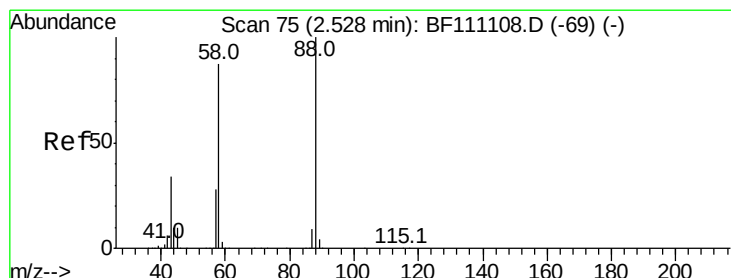
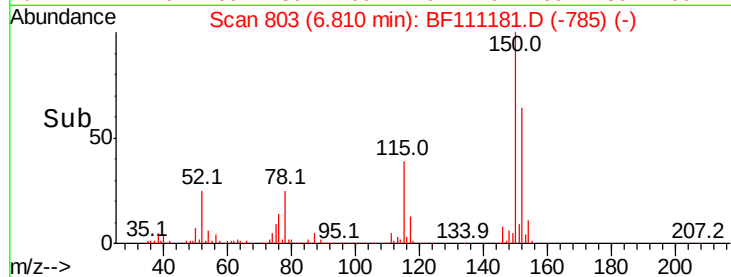
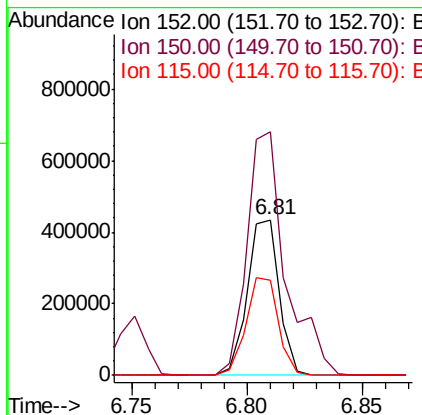
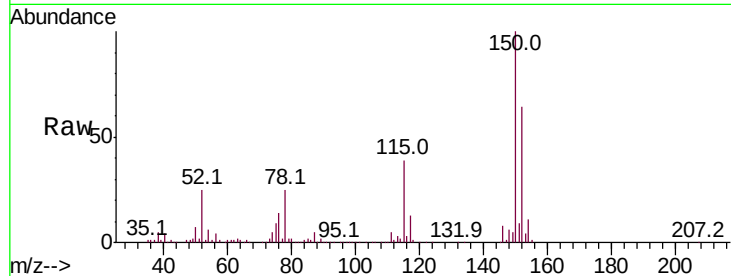
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	187.0
115	61.4	52.2	78.2

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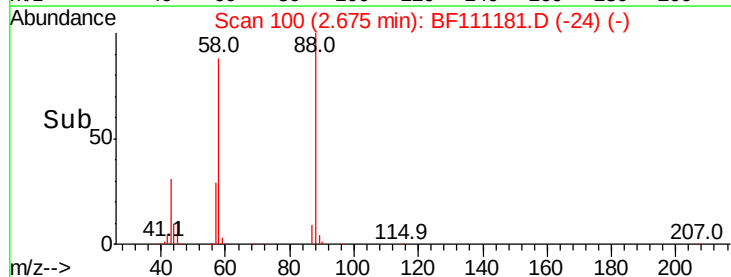
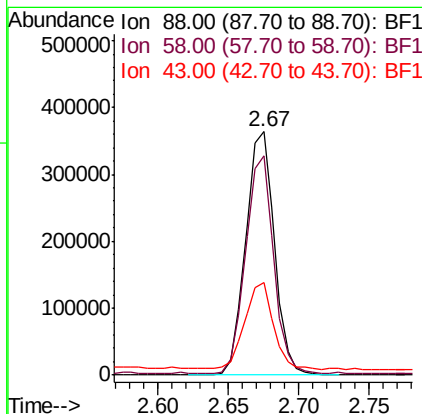
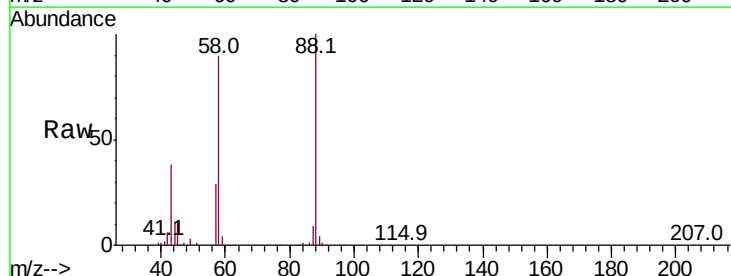
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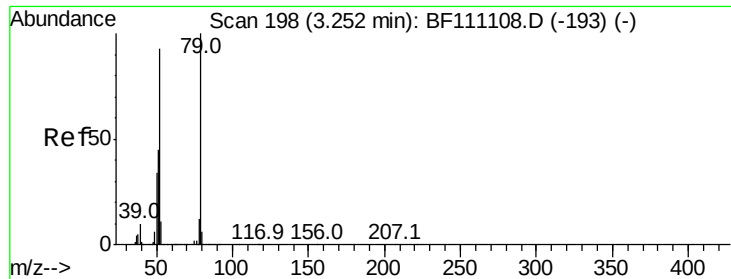


#2

1,4-Dioxane
Concen: 33.187 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.15 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.8	106.2
43	36.1	28.3	42.5





#3

Pvridine

Concen: 41.419 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.15 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion: 79 Resp: 1429401

Ion Ratio Lower Upper

79 100

52 89.2 74.7 112.1

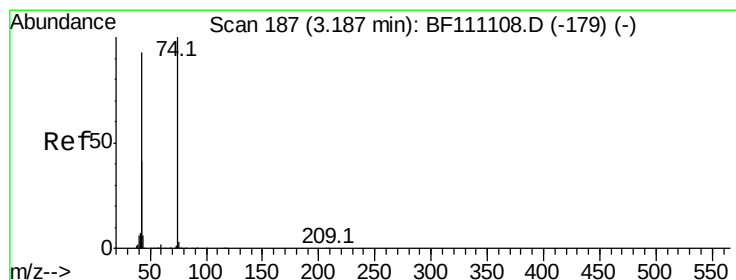
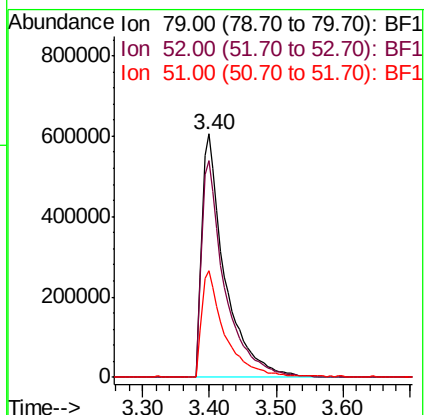
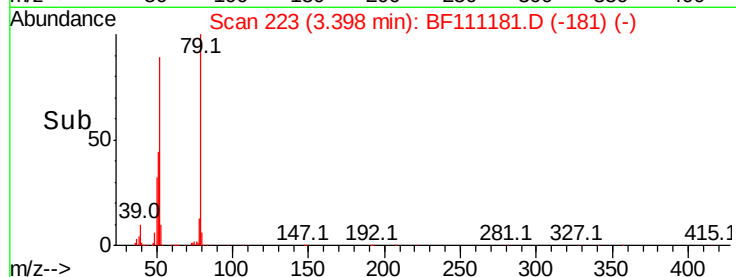
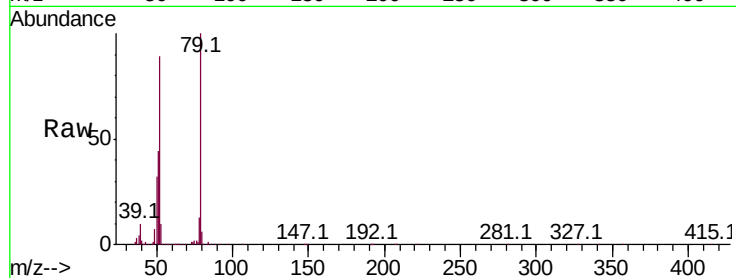
51 44.0 35.9 53.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.551 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.15 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

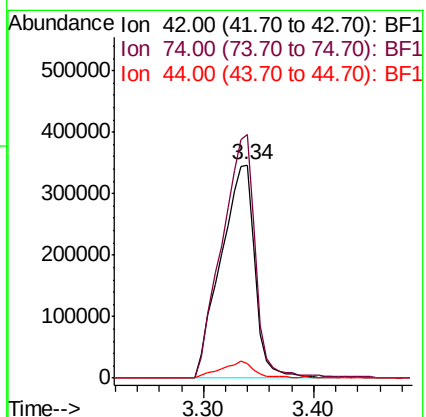
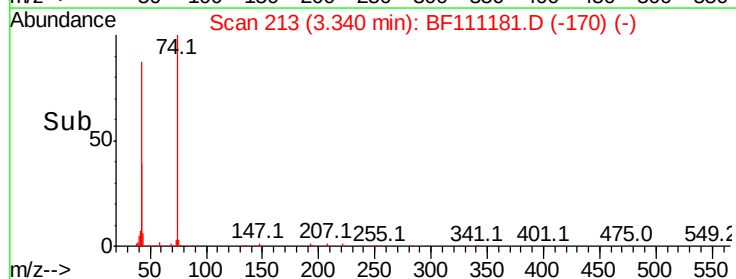
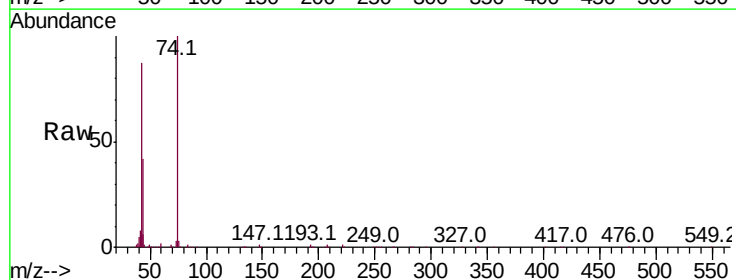
Tgt Ion: 42 Resp: 740012

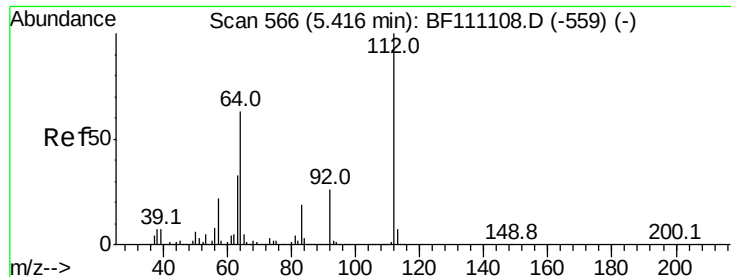
Ion Ratio Lower Upper

42 100

74 114.4 86.2 129.2

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 115.804 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion:112 Resp: 3132776

Ion Ratio Lower Upper

112 100

64 66.5 50.2 75.4

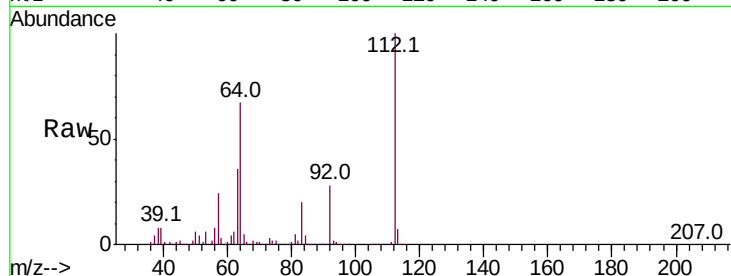
63 35.9 26.6 39.8

Manual Integrations

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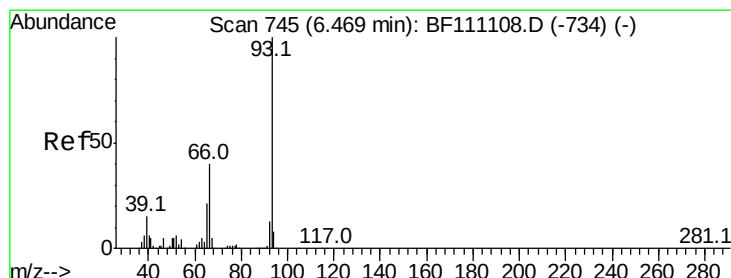
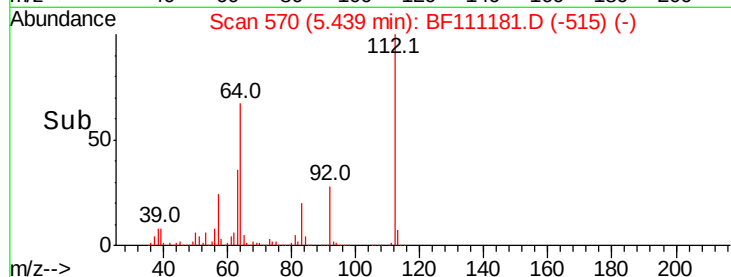
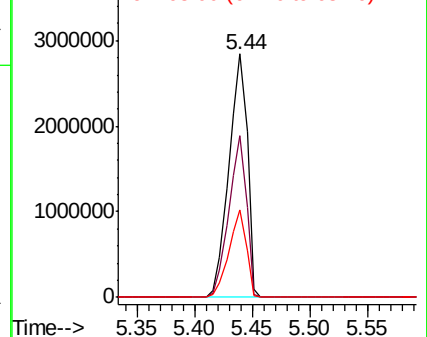
12/11/2018 8:44:40 AM



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: 31.632 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

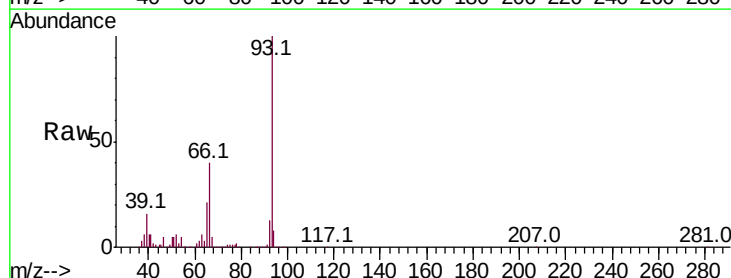
Tgt Ion: 93 Resp: 1472714

Ion Ratio Lower Upper

93 100

66 39.9 31.8 47.8

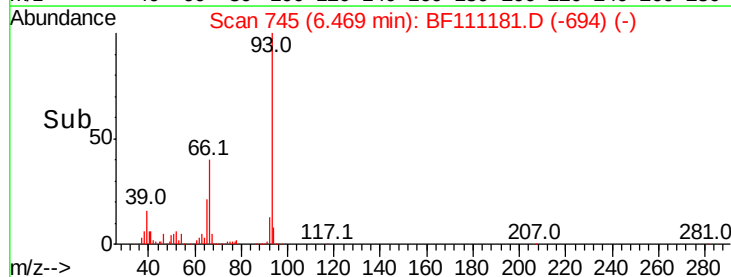
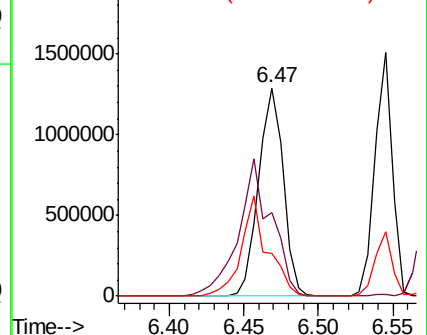
65 20.6 16.6 24.8

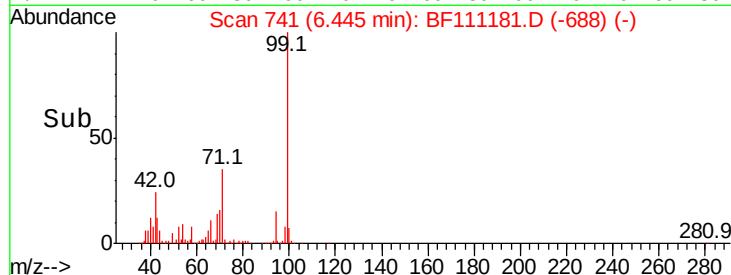
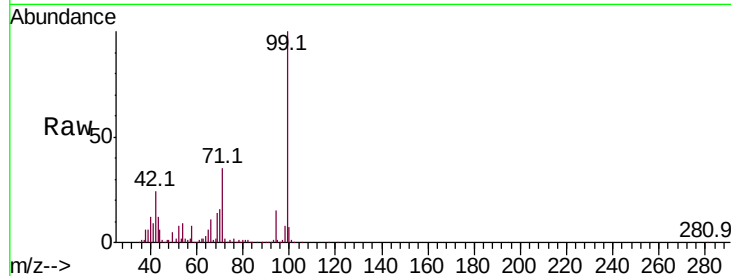
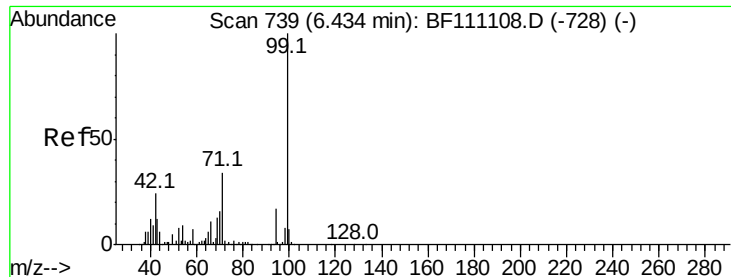


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.953 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tot Ion: 99 Resp: 3971048

Ion Ratio Lower Upper

99 100

42 23.7 19.3 28.9

71 34.9 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

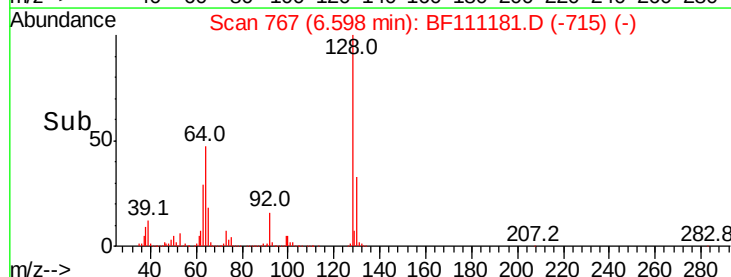
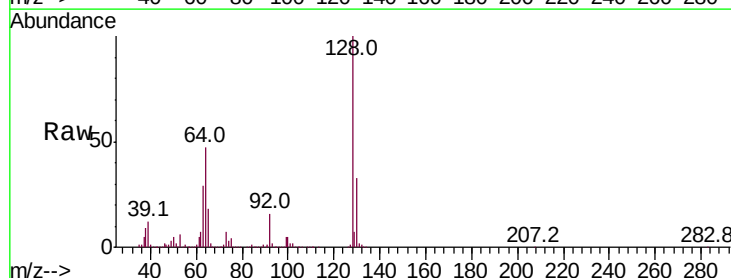
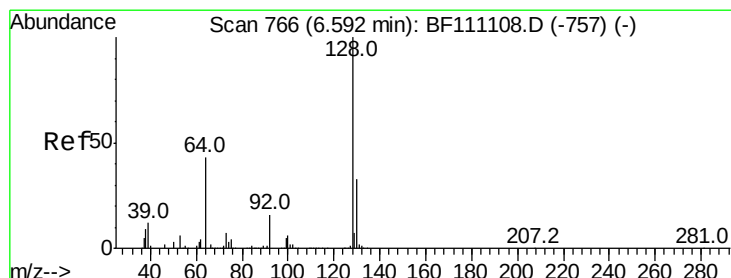
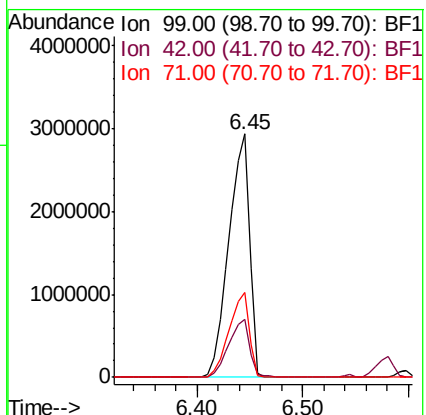
PB115300BS

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#8

2-Chlorophenol

Concen: 40.308 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

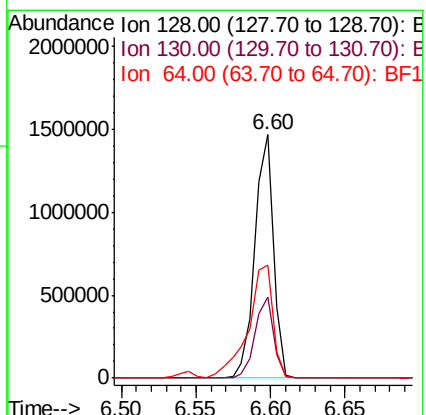
Tgt Ion:128 Resp: 1256848

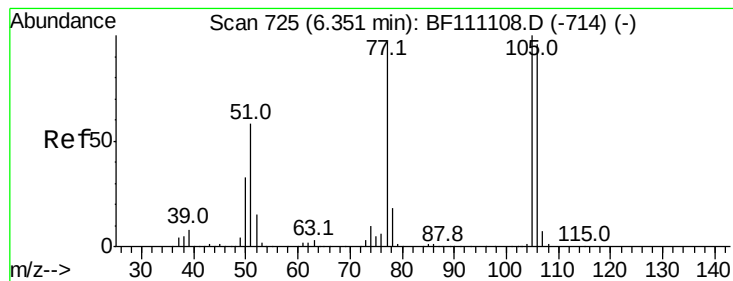
Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 46.6 26.6 66.6





#9

Benzaldehyde

Concen: 25.522 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

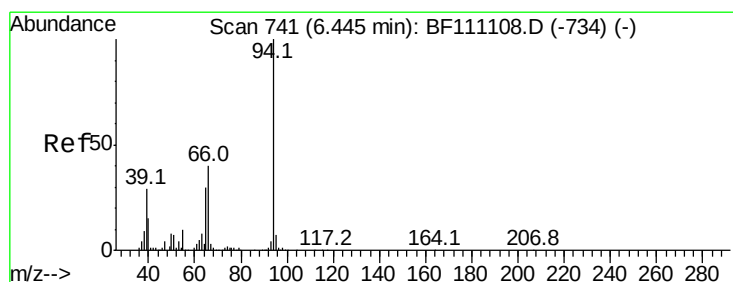
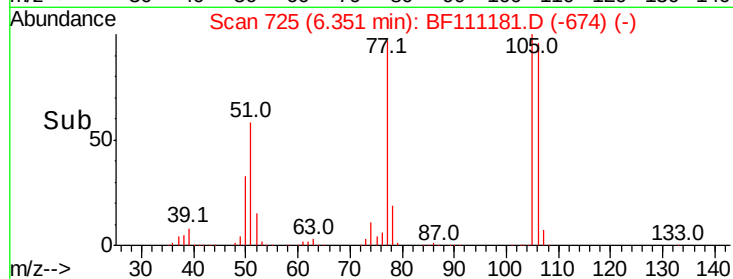
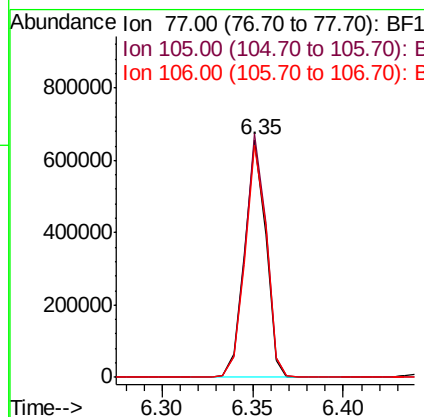
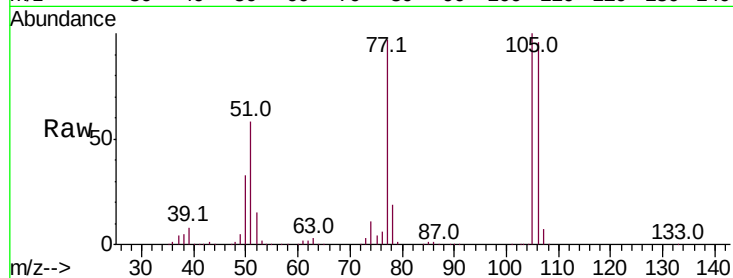
ClientSampleId :

PB115300BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	83.1	123.1
106	98.0	79.0	119.0

Manual Integrations
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#10

Phenol

Concen: 40.298 ng

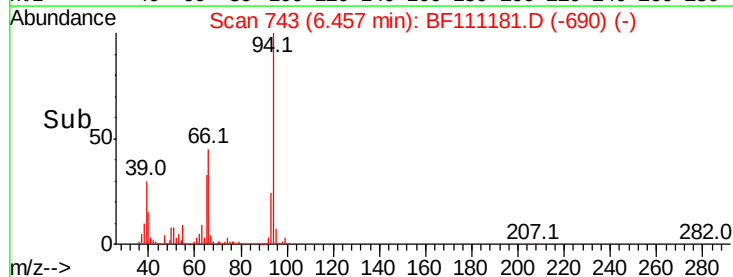
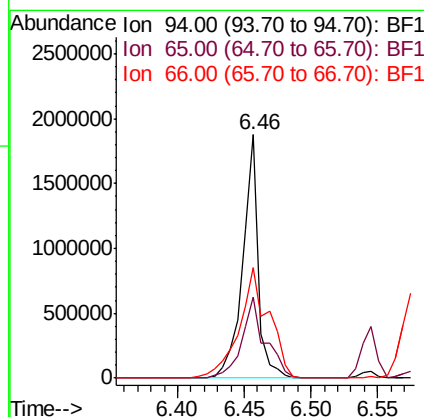
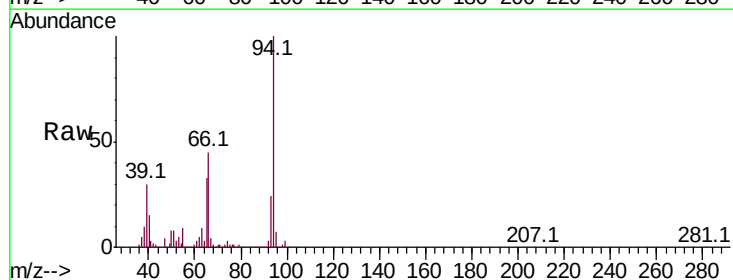
RT: 6.46 min Scan# 743

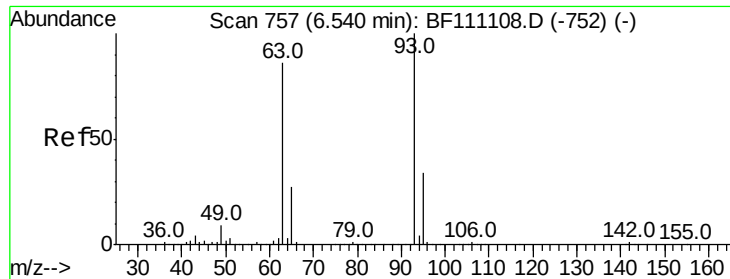
Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.5	50.5
66	45.5	19.8	59.8





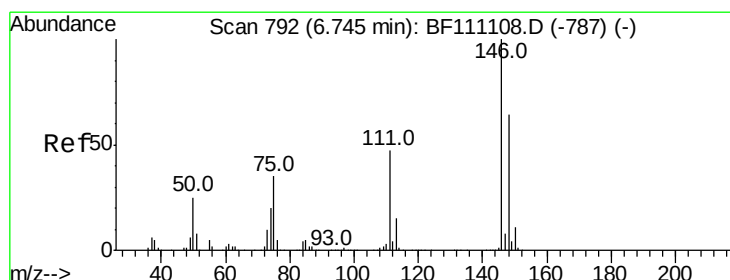
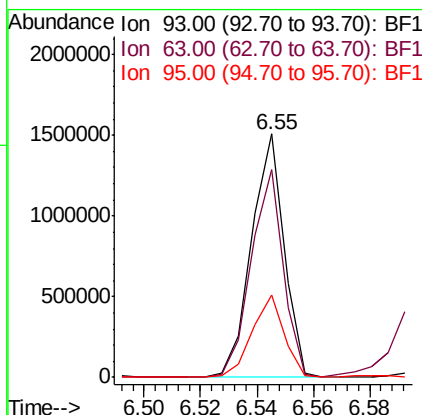
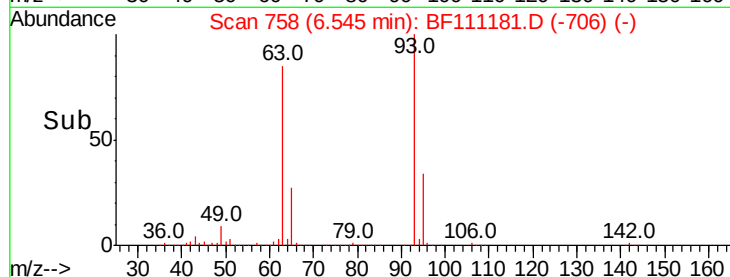
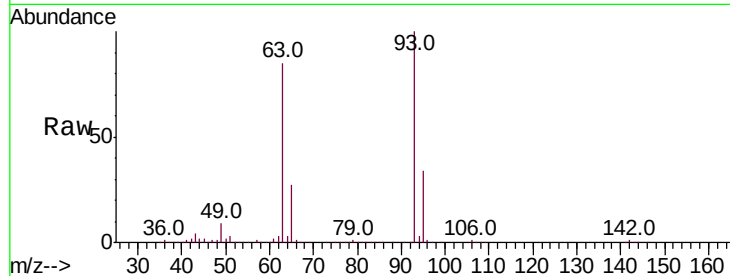
#11
bis(2-Chloroethyl)ether
Concen: 38.694 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion: 93 Resp: 1201673
Ion Ratio Lower Upper
93 100
63 85.1 66.0 106.0
95 33.9 14.3 54.3

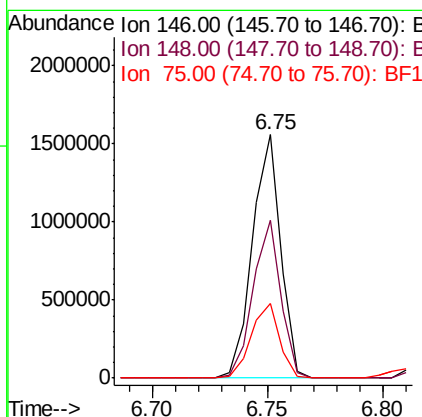
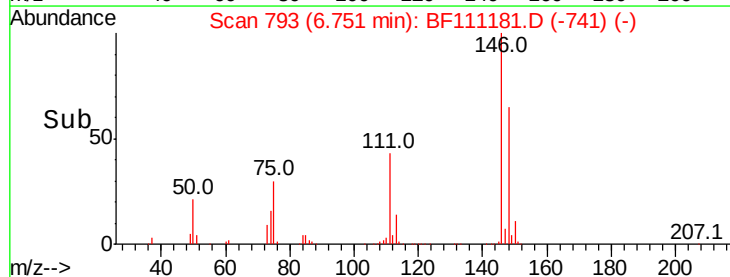
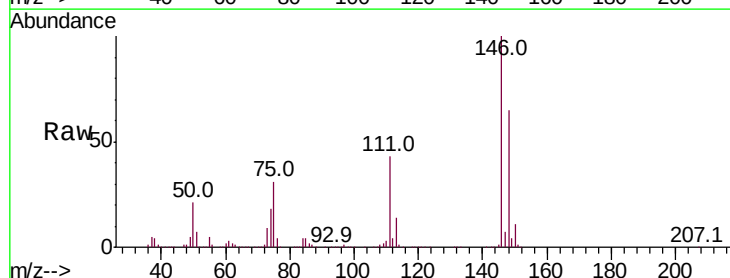
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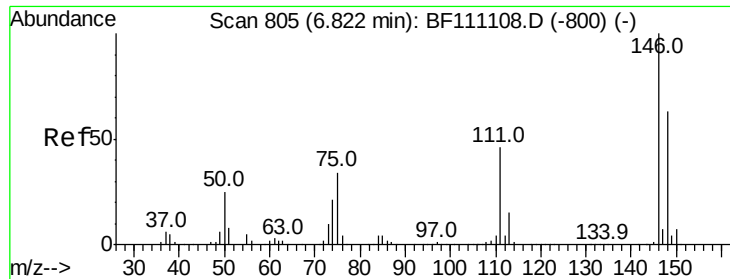
Sohil
12/11/2018 8:44:40 AM



#12
1,3-Dichlorobenzene
Concen: 40.159 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion: 146 Resp: 1331730
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 30.7 27.7 41.5





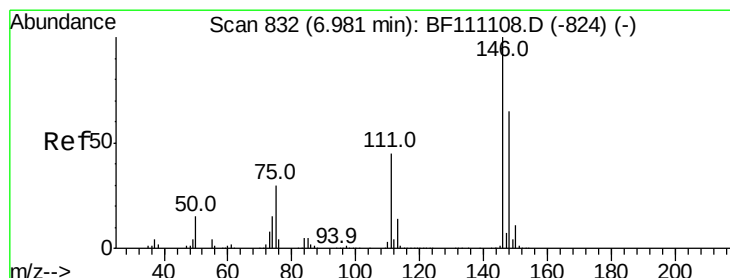
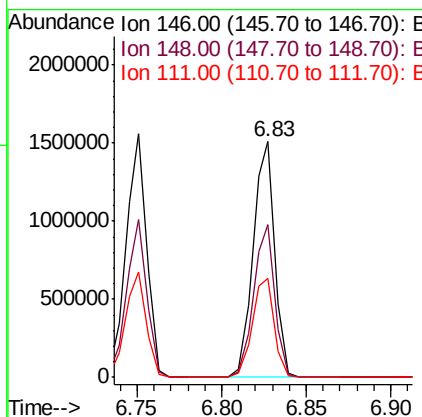
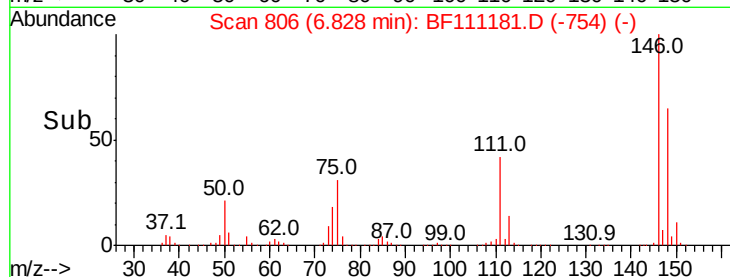
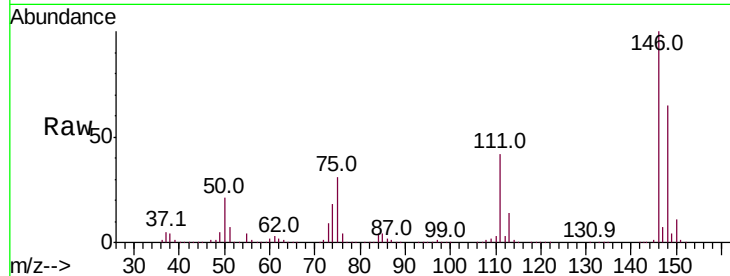
#13
 1,4-Dichlorobenzene
 Concen: 40.351 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BS

Tot Ion:146 Resp: 1346575
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.3 75.5
 111 41.8 36.6 55.0

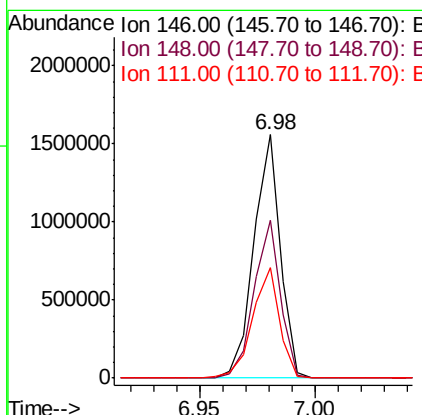
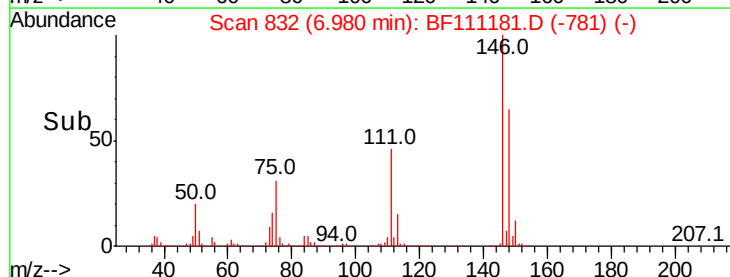
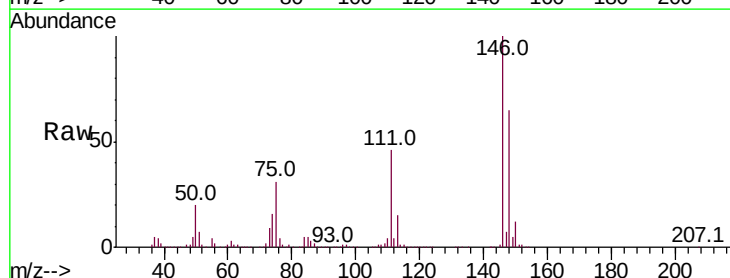
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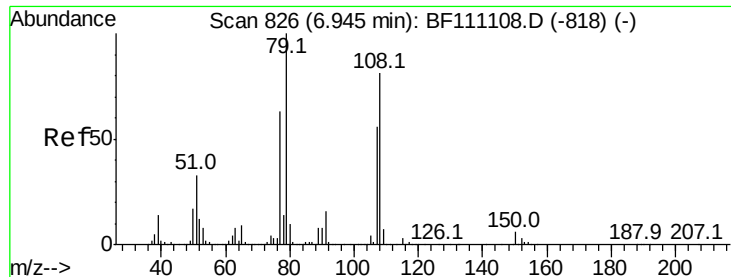
Sohil
 12/11/2018 8:44:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.414 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:146 Resp: 1254584
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 45.5 35.7 53.5





#15

Benzyl Alcohol

Concen: 40.576 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampled :

PB115300BS

Tot Ion: 79 Resp: 1120362

Ion Ratio Lower Upper

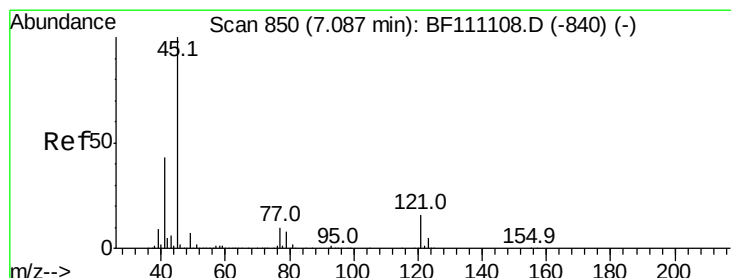
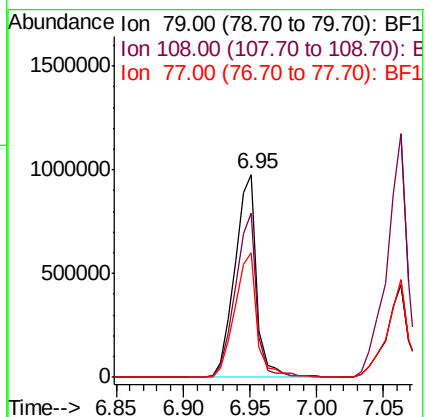
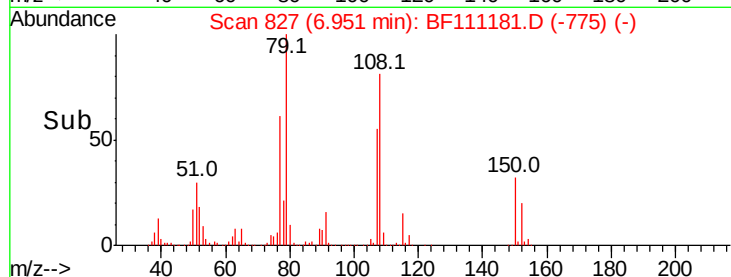
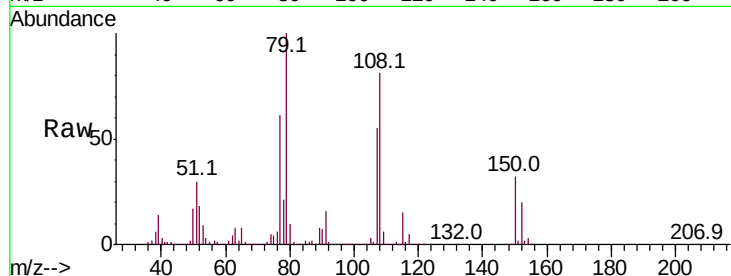
79 100

108 80.8 64.5 96.7

77 61.2 50.5 75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.522 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

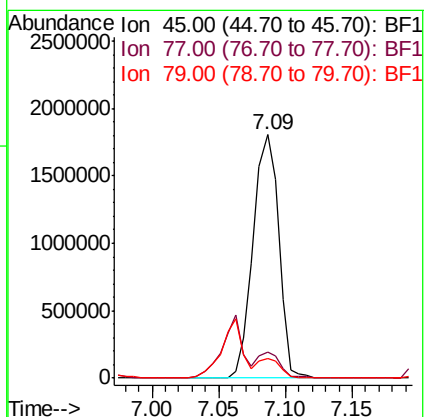
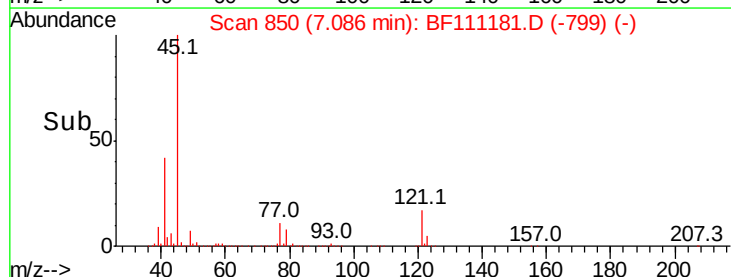
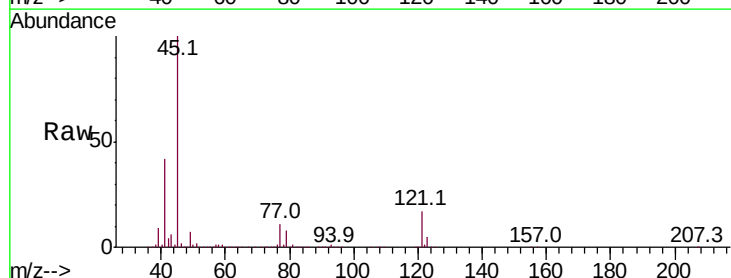
Tgt Ion: 45 Resp: 2387541

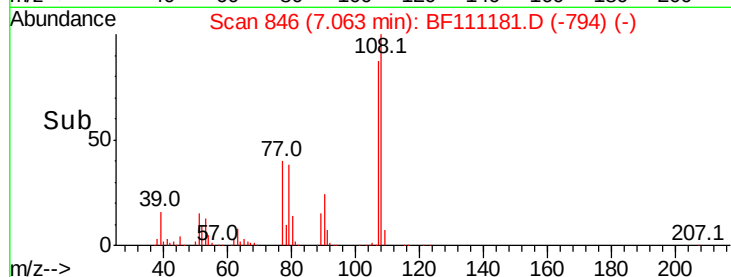
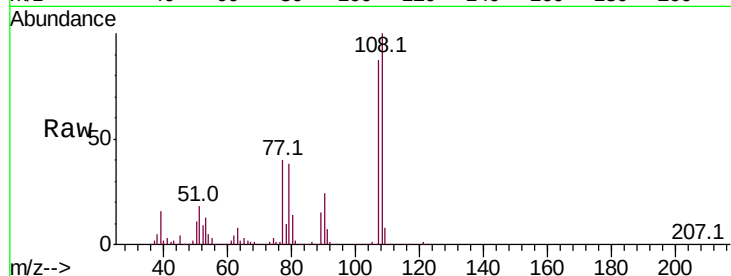
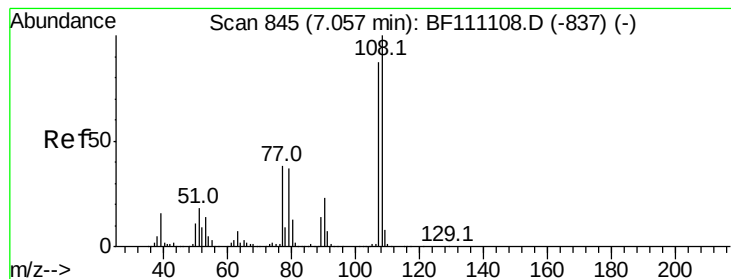
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.6

79 8.2 0.0 28.4





#17

2-Methylphenol

Concen: 40.697 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tot Ion:107 Resp: 1041684

Ion Ratio Lower Upper

107 100

108 114.7 91.8 137.8

77 45.7 34.7 52.1

79 43.3 34.2 51.2

Instrument :

BNA_F

ClientSampleId :

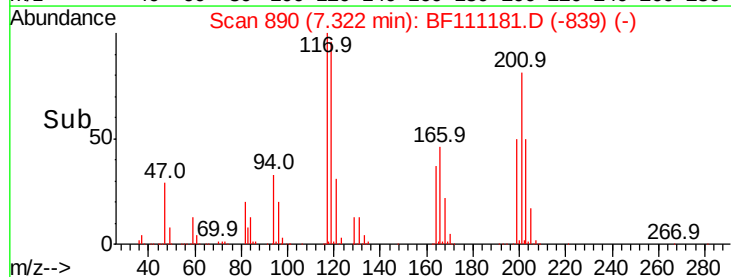
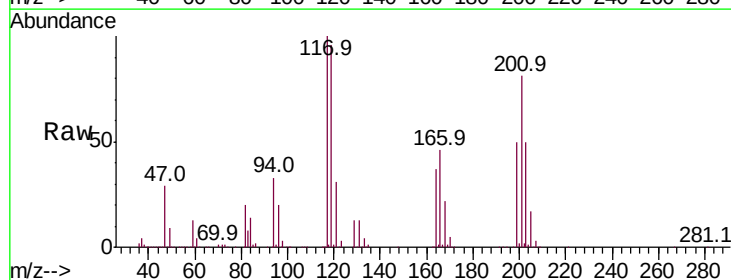
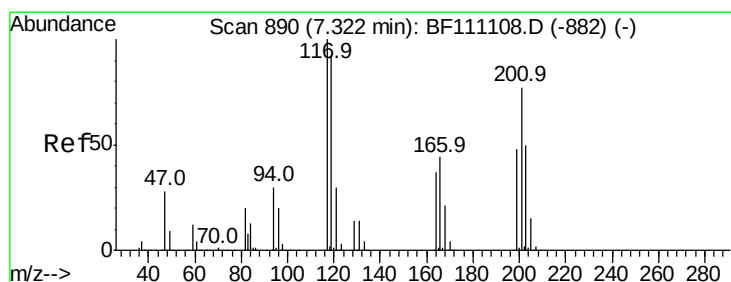
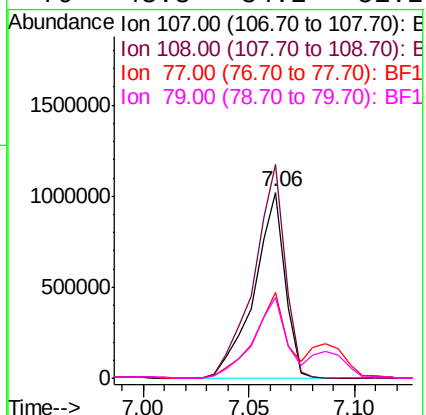
PB115300BS

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#18

Hexachloroethane

Concen: 41.255 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

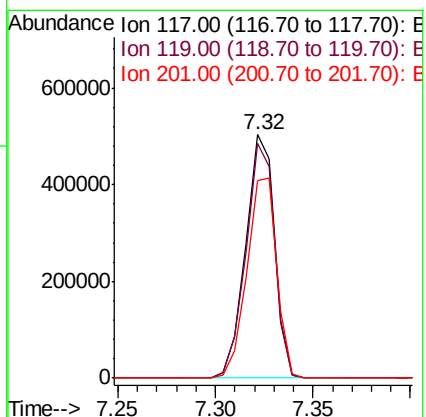
Tgt Ion:117 Resp: 516474

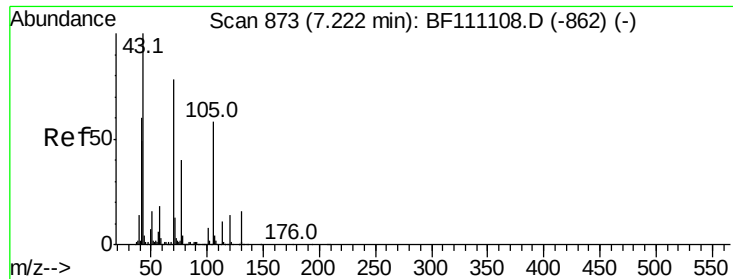
Ion Ratio Lower Upper

117 100

119 96.2 73.8 110.6

201 81.1 61.2 91.8





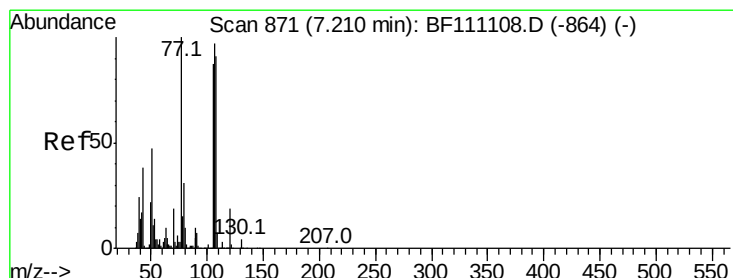
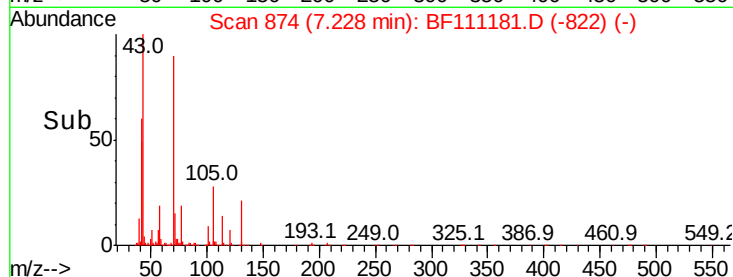
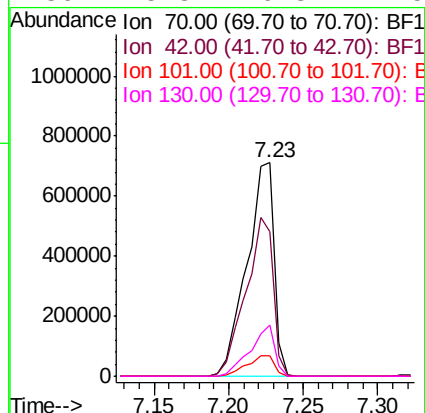
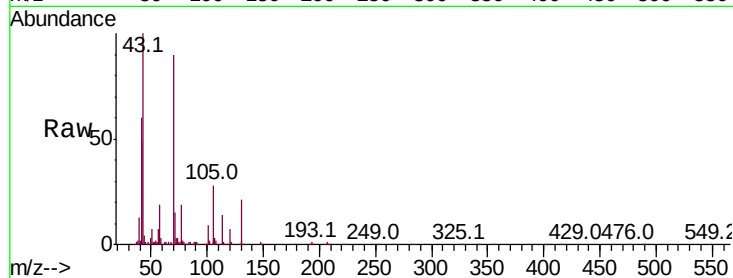
#19
n-Nitroso-di-n-propylamine
Concen: 38.370 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleID :
PB115300BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	61.3	91.9
101	9.7	7.7	11.5
130	23.8	16.3	24.5

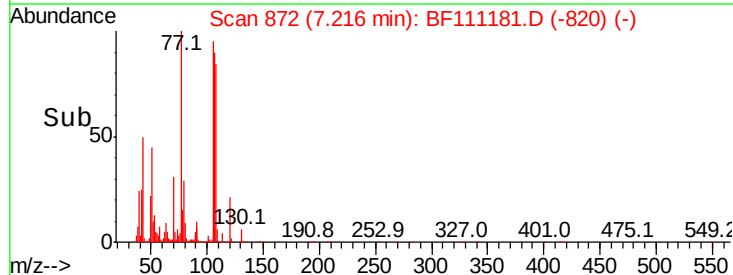
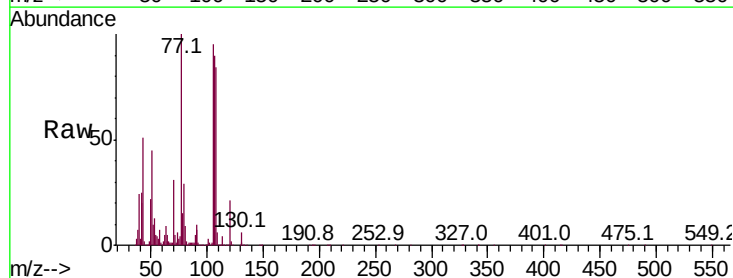
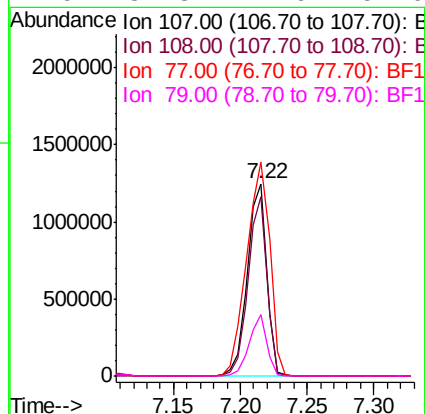
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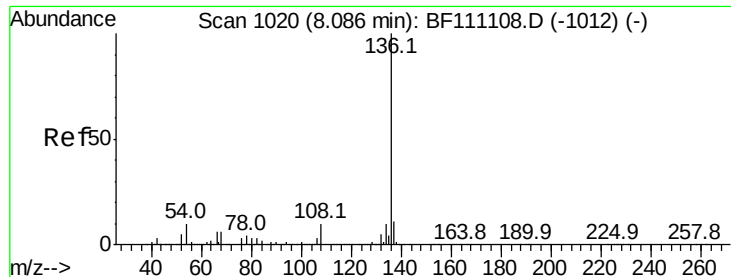
Sohil
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#20
3+4-Methylphenols
Concen: 39.623 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	74.0	114.0
77	111.0	83.2	123.2
79	31.8	11.6	51.6





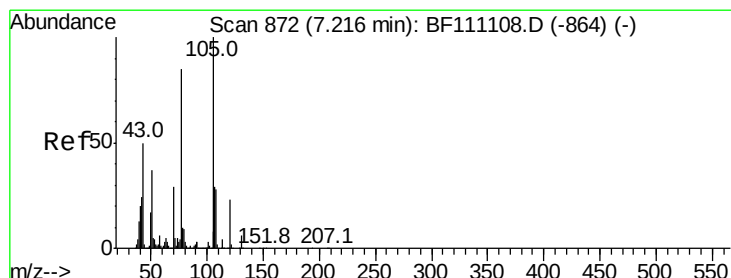
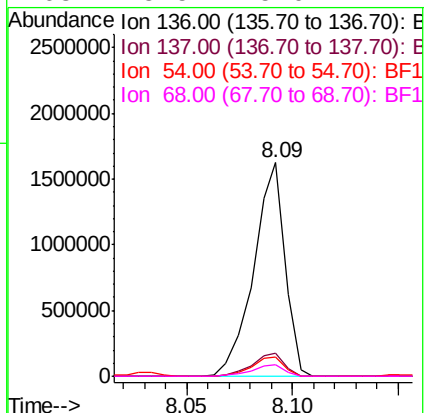
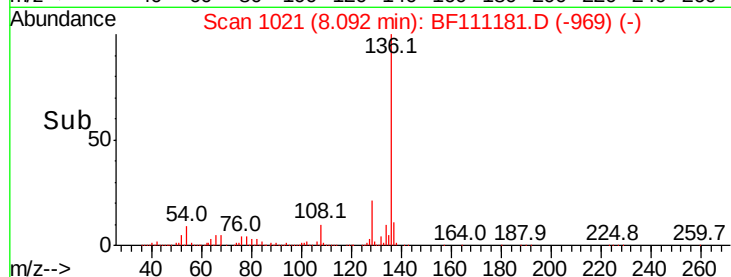
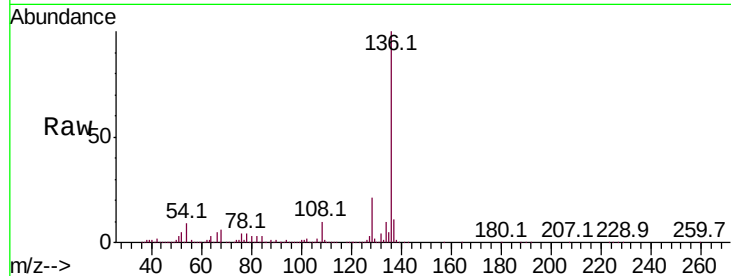
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.2	8.4	12.6
68	5.5	5.0	7.4

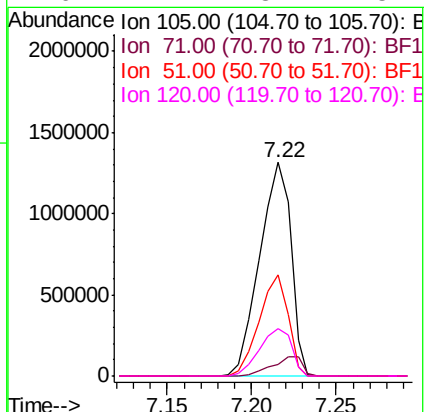
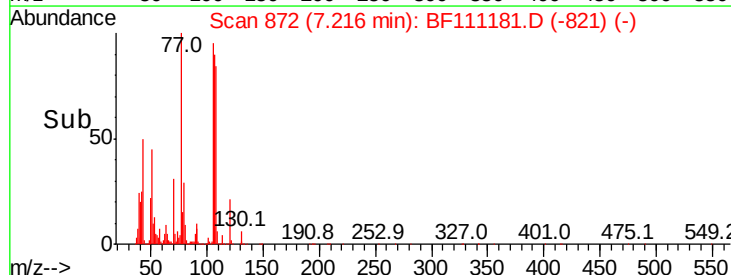
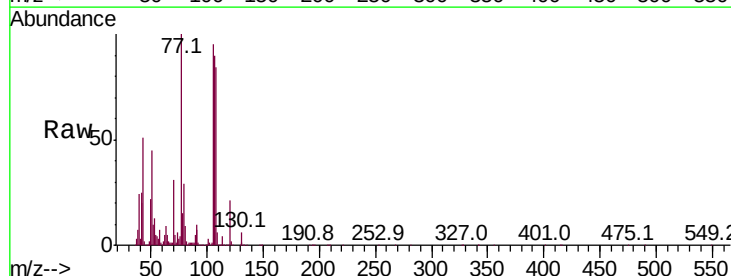
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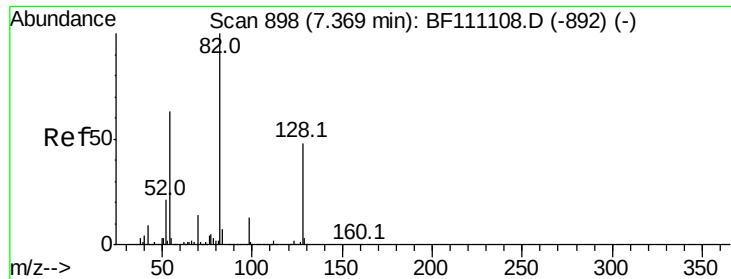
Sohil
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#22
Acetophenone
Concen: 41.784 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.0	6.0
51	47.3	29.8	44.8#
120	22.4	18.7	28.1





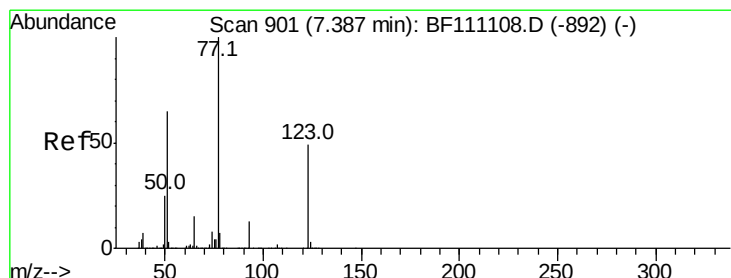
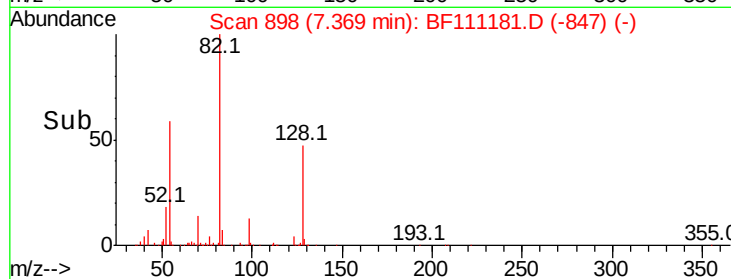
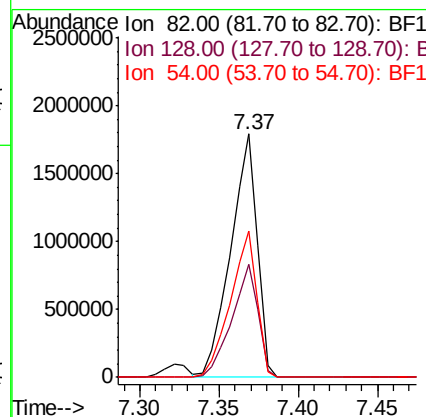
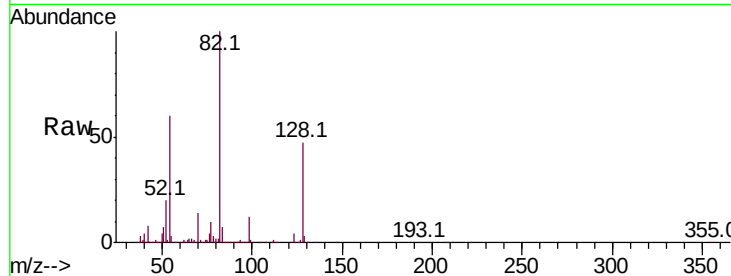
#23
Nitrobenzene-d5
Concen: 73.255 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion: 82 Resp: 2075004
Ion Ratio Lower Upper
82 100
128 46.5 38.1 57.1
54 60.0 50.3 75.5

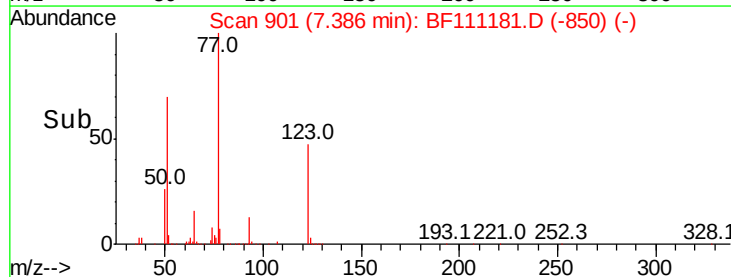
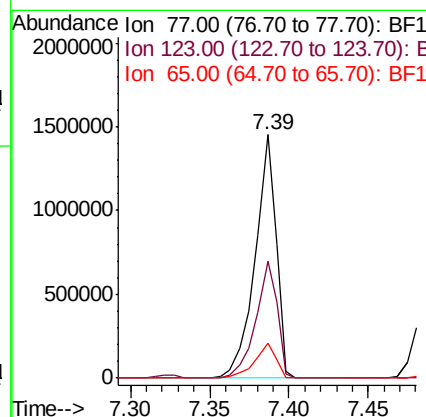
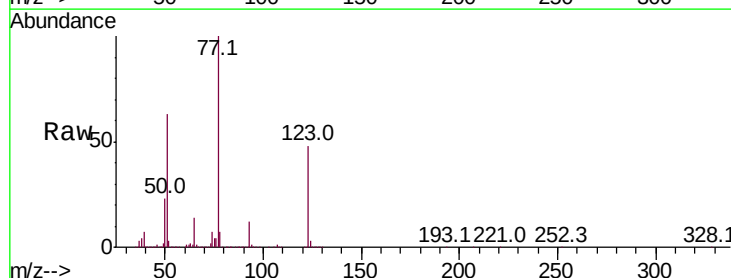
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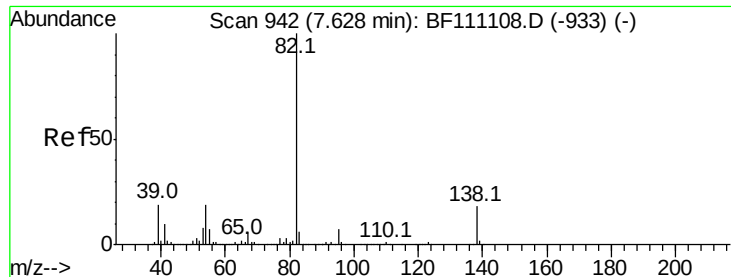
Sohil
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#24
Nitrobenzene
Concen: 43.896 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion: 77 Resp: 1337650
Ion Ratio Lower Upper
77 100
123 47.8 39.5 59.3
65 14.1 11.8 17.6





#25

Isophorone

Concen: 46.662 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion: 82 Resp: 2425672

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

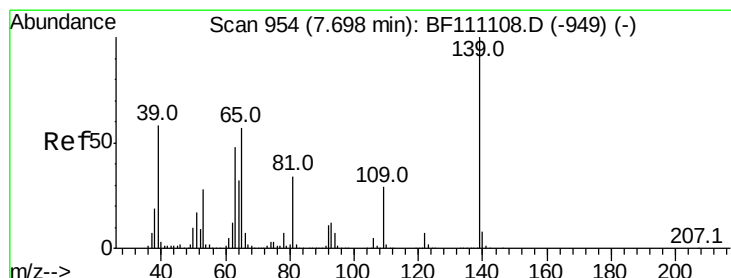
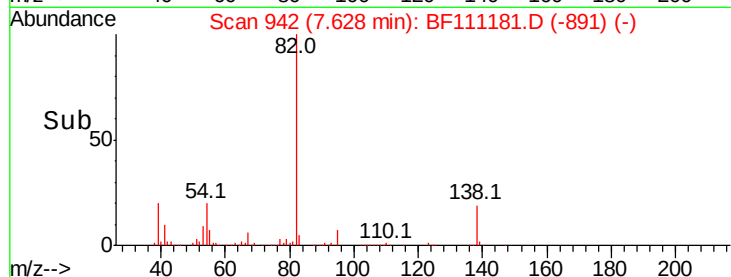
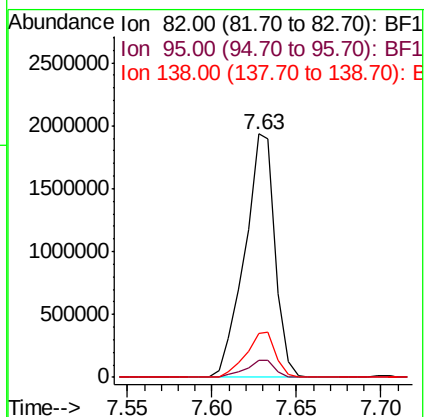
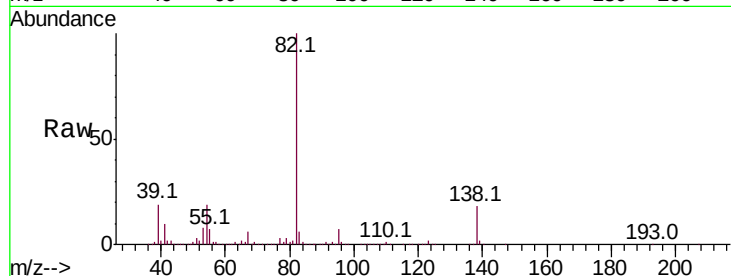
138 17.8 14.6 22.0

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#26

2-Nitrophenol

Concen: 51.098 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

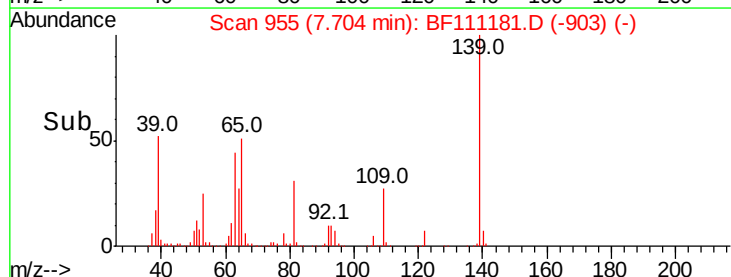
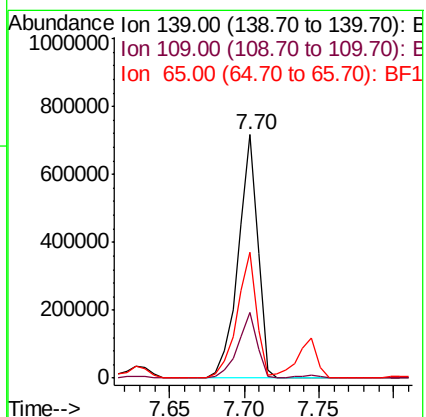
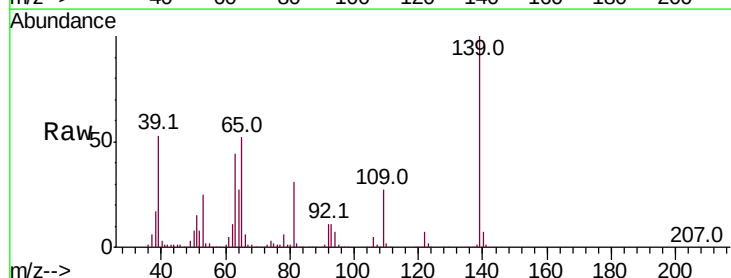
Tgt Ion: 139 Resp: 657936

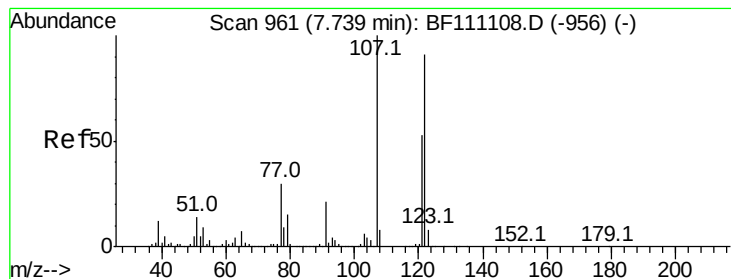
Ion Ratio Lower Upper

139 100

109 26.8 23.1 34.7

65 51.9 45.9 68.9





#27
 2,4-Dimethylphenol
 Concen: 47.343 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

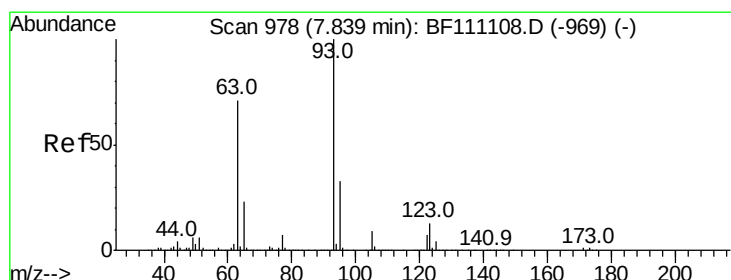
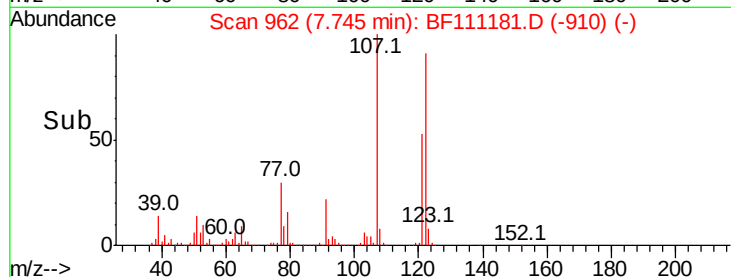
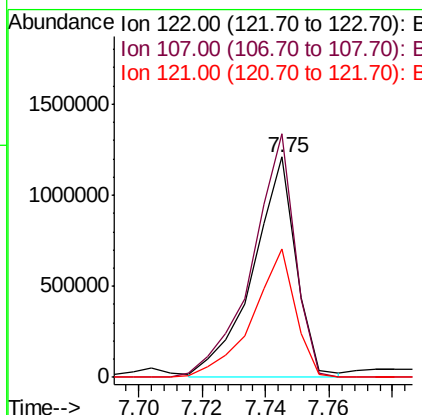
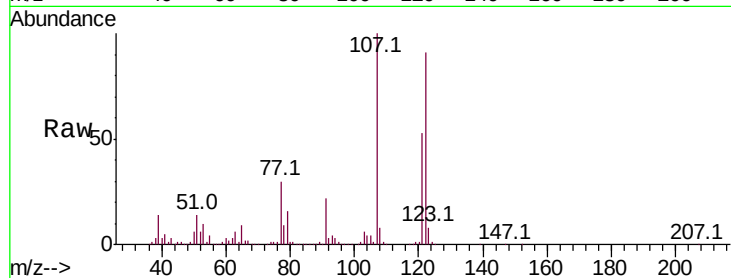
Instrument :
 BNA_F
 ClientSampleId :
 PB115300BS

Tot Ion:122 Resp: 1148055

Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.4	131.0
121	58.3	45.9	68.9

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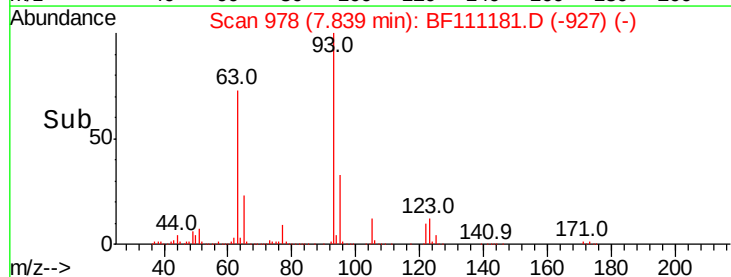
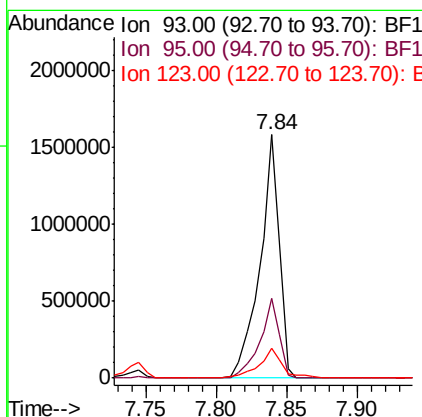
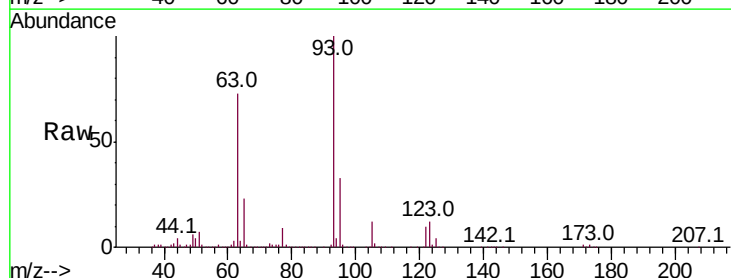
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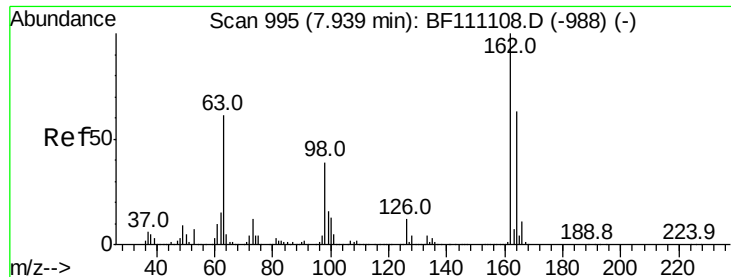


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.766 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion: 93 Resp: 1540192

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	12.1	10.3	15.5





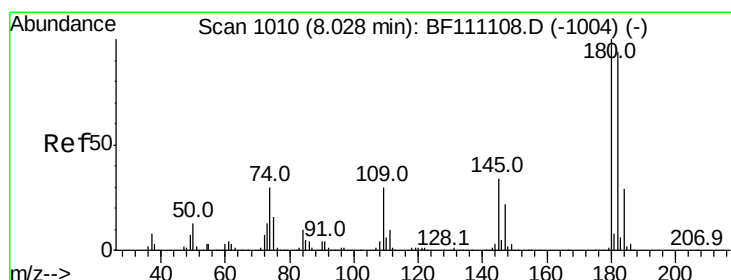
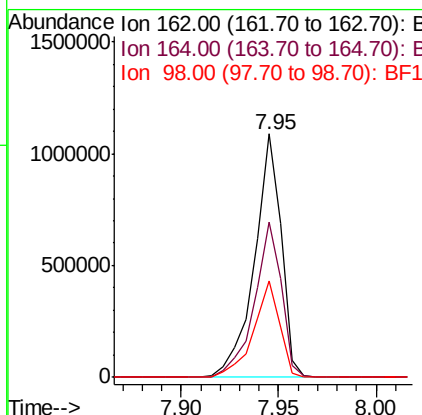
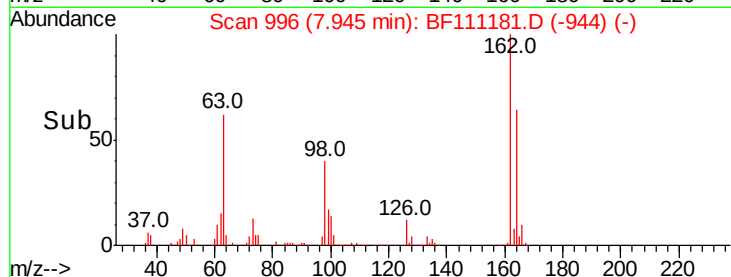
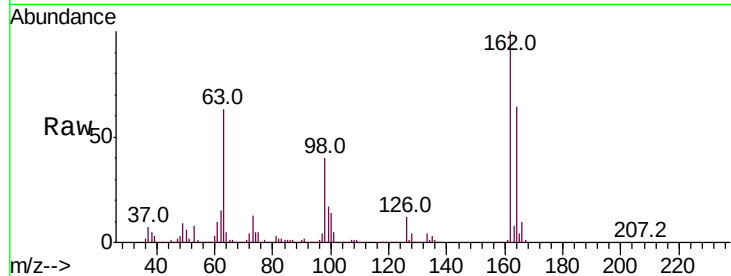
#29
2,4-Dichlorophenol
Concen: 43.329 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.3	83.3
98	39.8	18.9	58.9

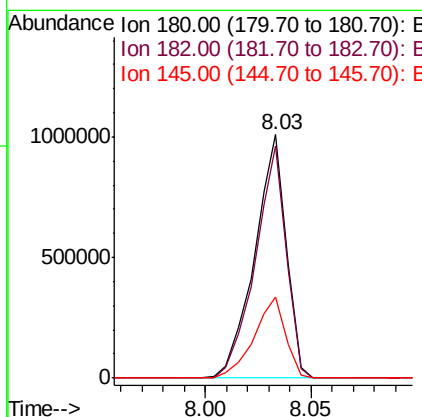
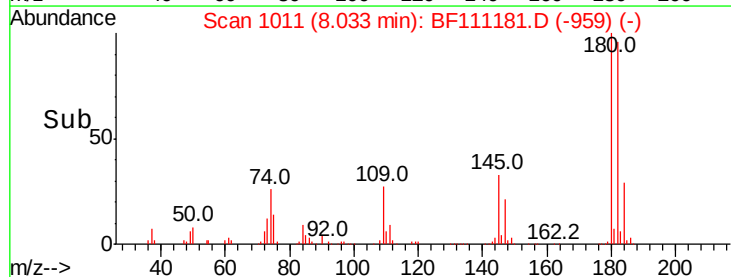
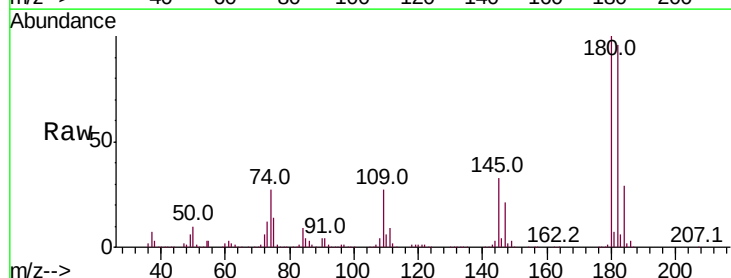
Manual Integrations
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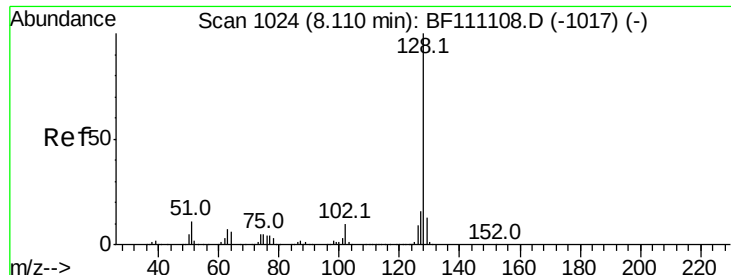
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#30
1,2,4-Trichlorobenzene
Concen: 43.427 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	33.3	27.6	41.4





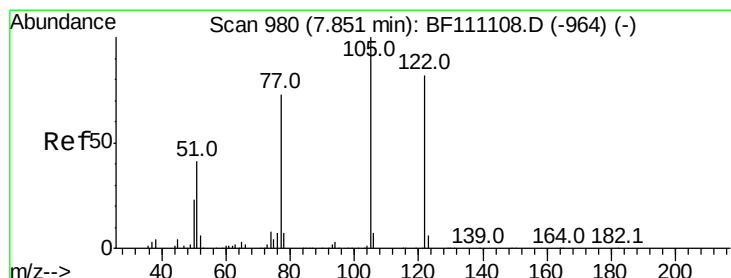
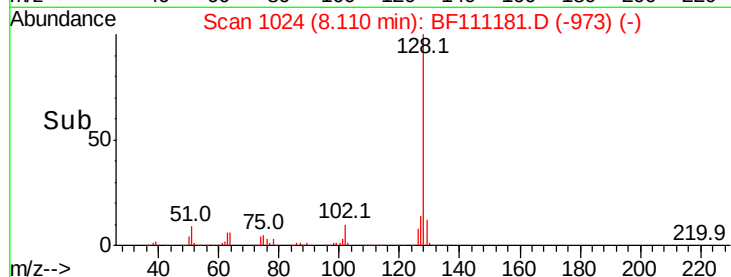
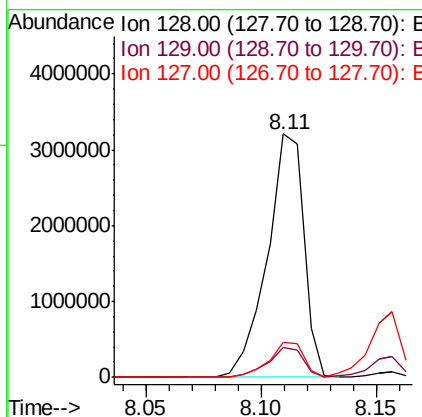
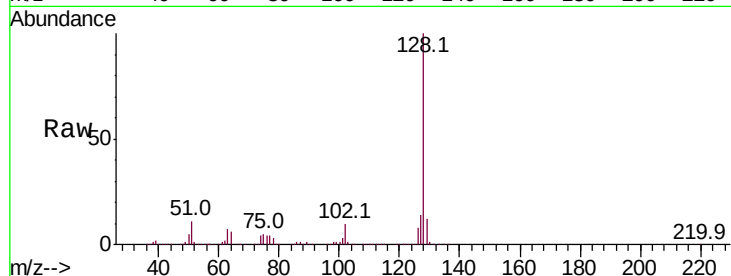
#31
Naphthalene
Concen: 48.364 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion:128 Resp: 3531237
Ion Ratio Lower Upper
128 100
129 12.1 10.5 15.7
127 14.3 12.5 18.7

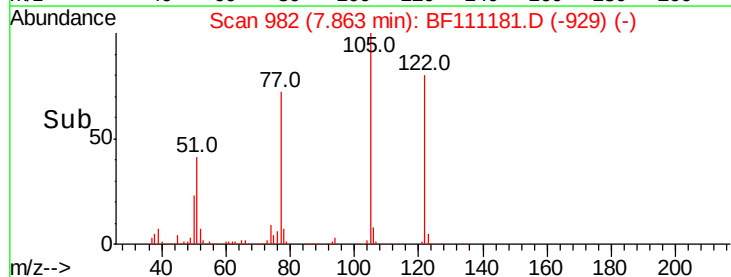
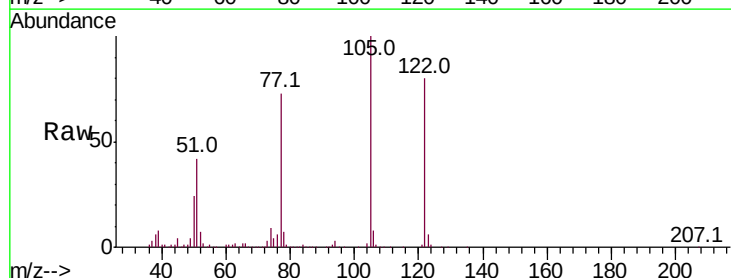
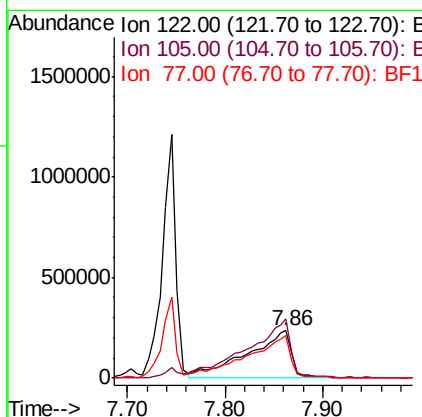
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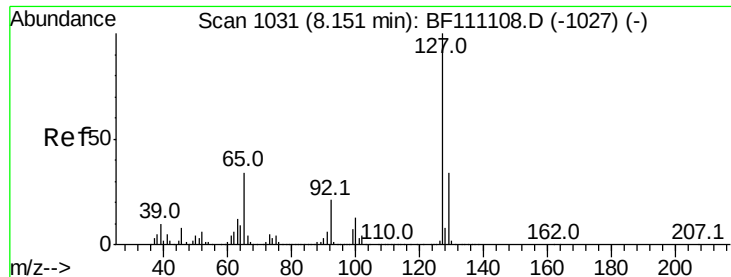
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#32
Benzoic acid
Concen: 45.632 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:122 Resp: 729693
Ion Ratio Lower Upper
122 100
105 125.2 100.1 140.1
77 91.4 69.4 109.4





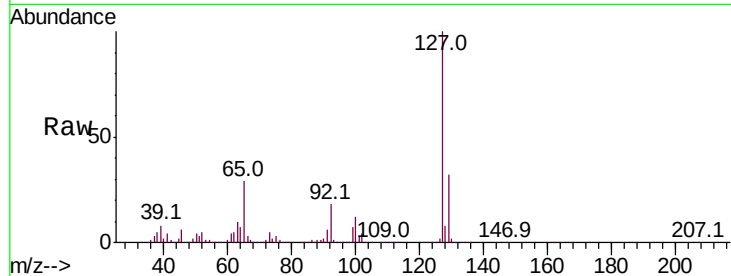
#33
4-Chloroaniline
Concen: 23.590 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampled :
PB115300BS

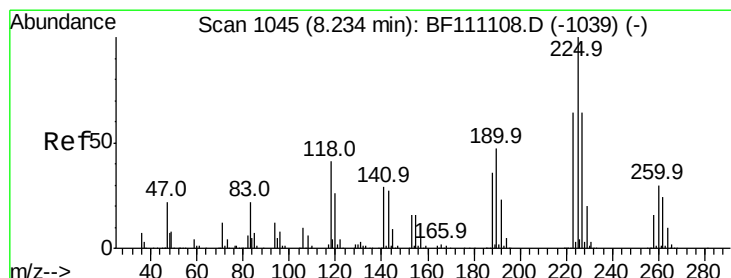
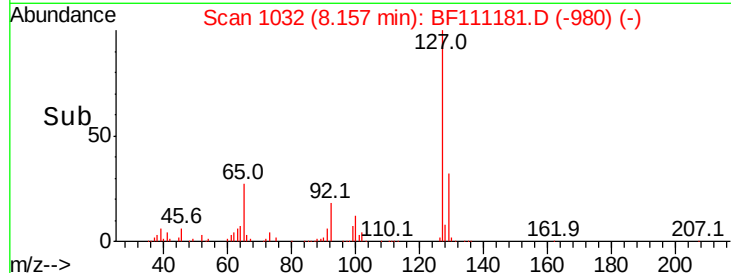
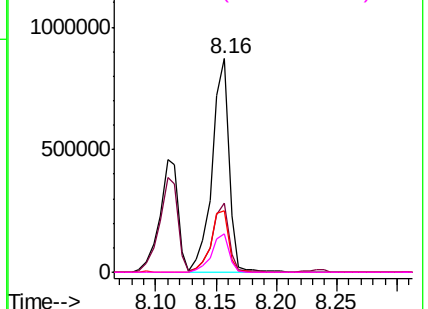
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	27.0	40.6	
65	28.7	27.2	40.8	
92	17.8	16.6	24.8	

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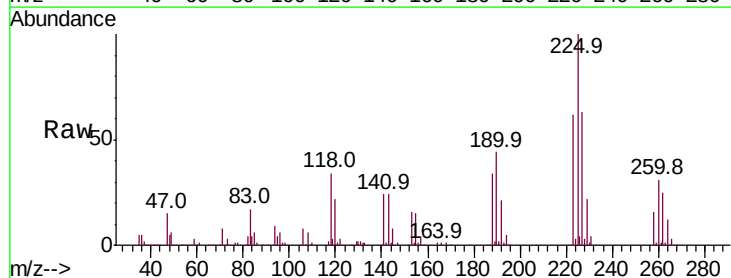


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

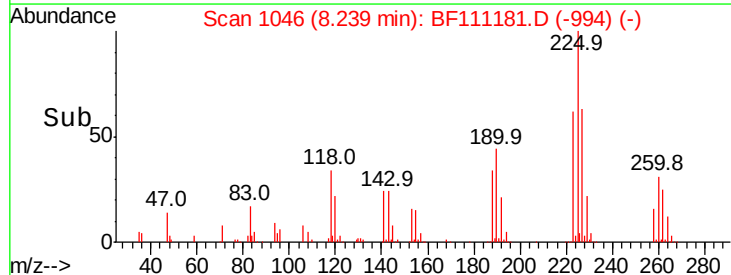
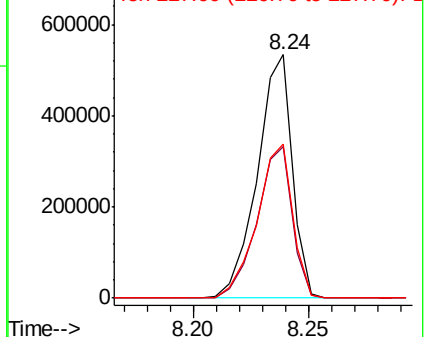


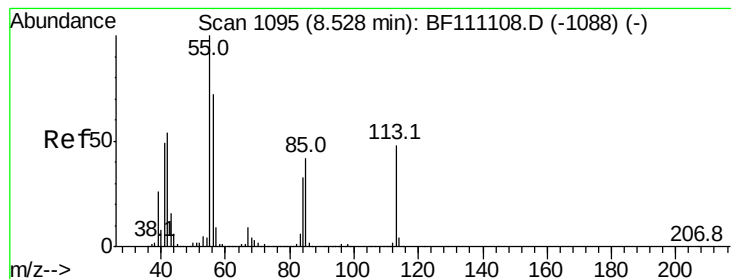
#34
Hexachlorobutadiene
Concen: 42.975 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	51.4	77.2	
227	63.2	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.559 ng/ml

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

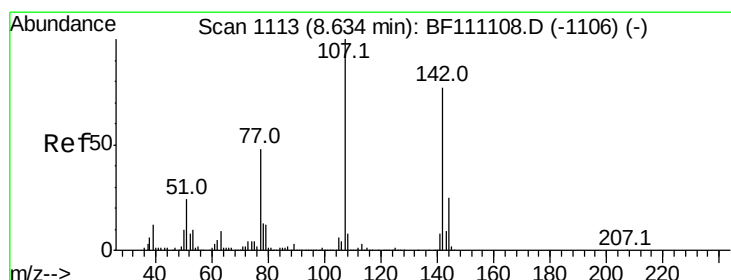
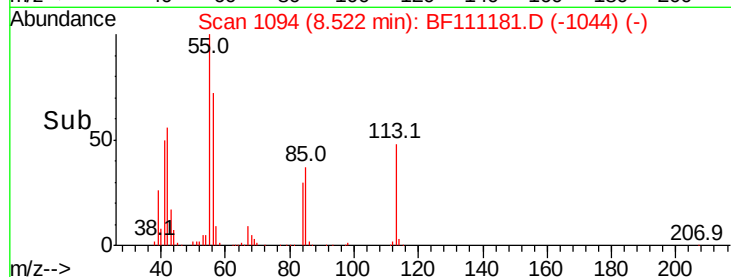
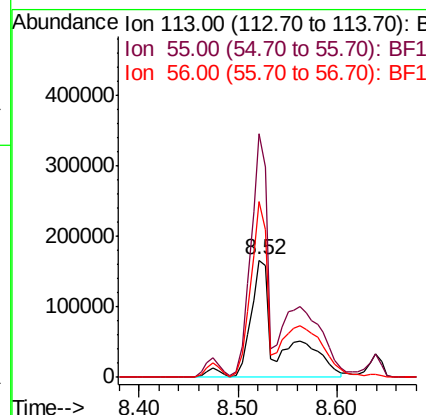
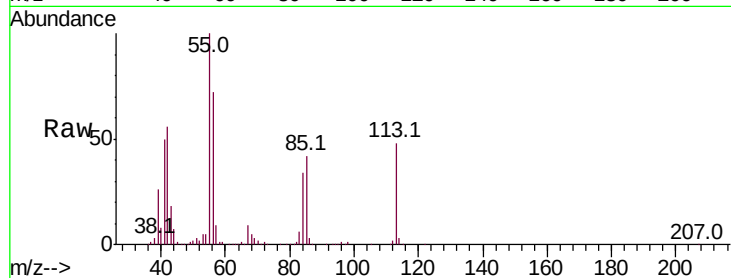
ClientSampleId :

PB115300BS

Tot Ion:	113	Resp:	346745
Ion	Ratio	Lower	Upper
113	100		
55	207.8	190.6	230.6
56	149.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 41.934 ng/ml

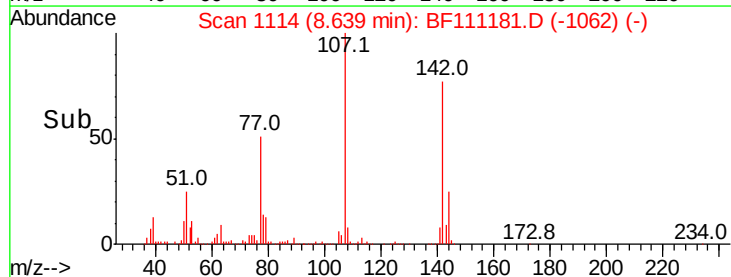
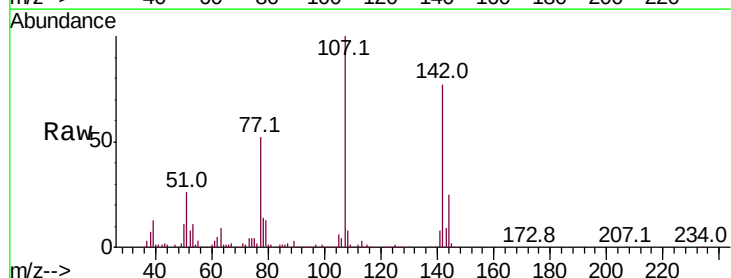
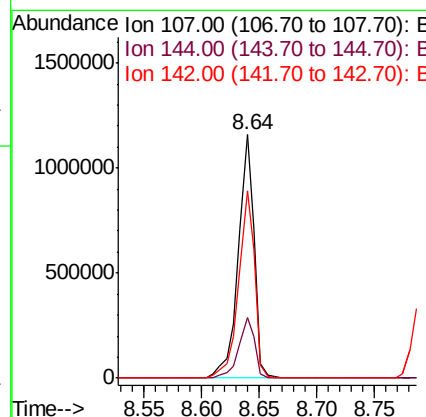
RT: 8.64 min Scan# 1114

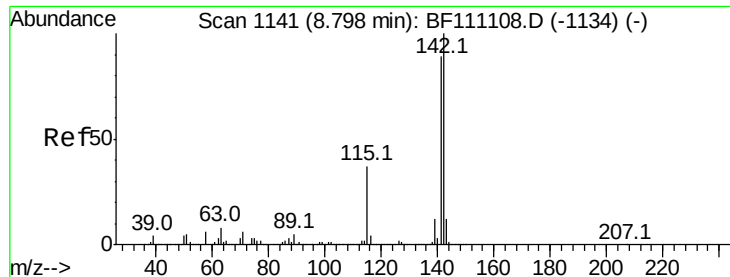
Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:	107	Resp:	1096528
Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.9	29.9
142	77.0	61.4	92.0





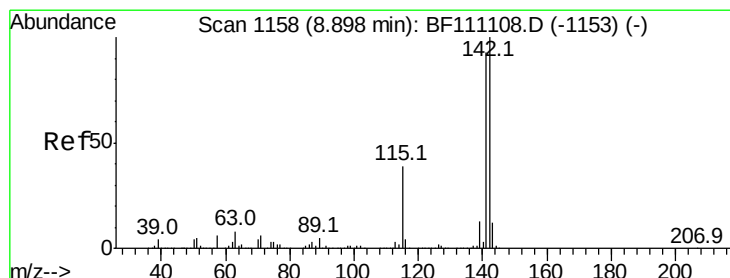
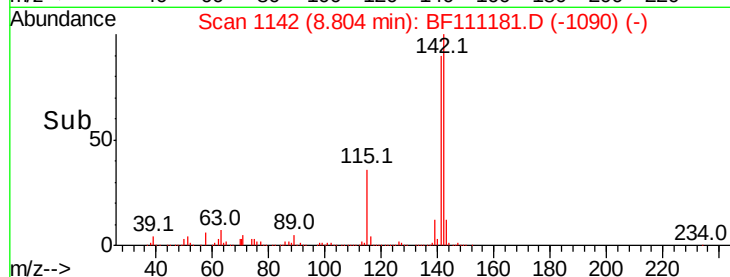
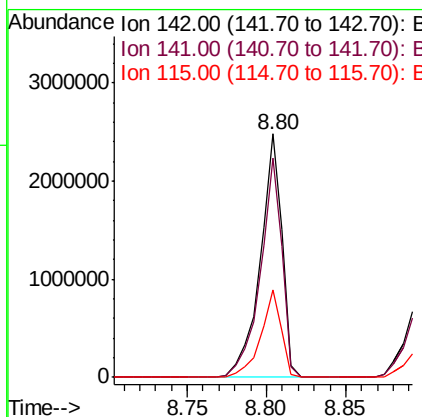
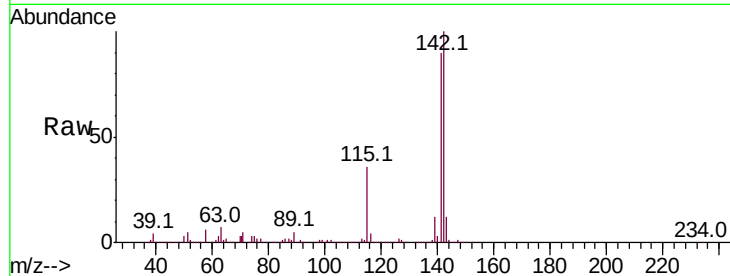
#37
2-Methylnaphthalene
Concen: 47.384 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion:142 Resp: 2386426
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0
115 36.0 29.2 43.8

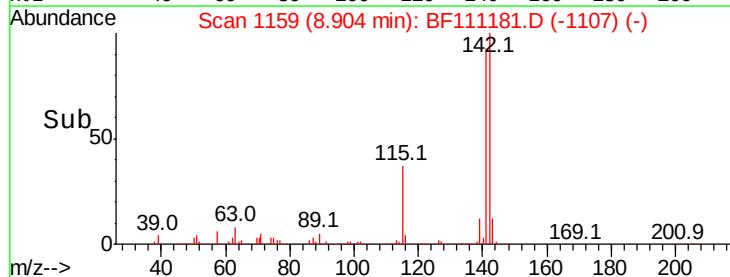
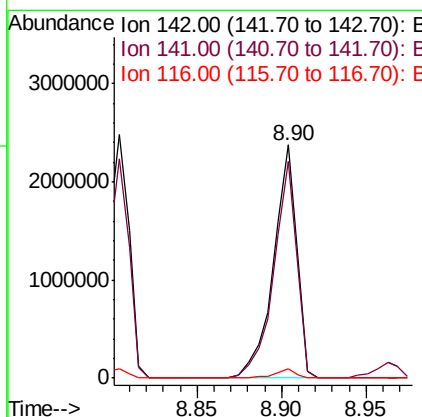
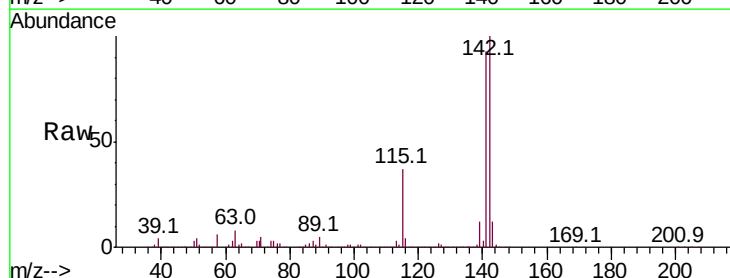
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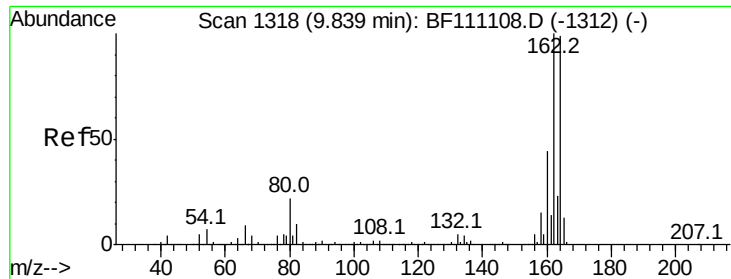
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#38
1-Methylnaphthalene
Concen: 46.754 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:142 Resp: 2263877
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 4.1 3.2 4.8





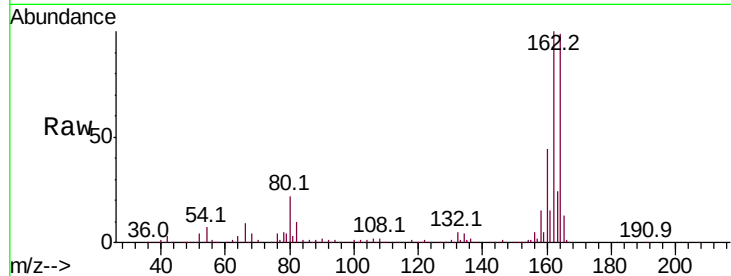
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.2	35.5	53.3

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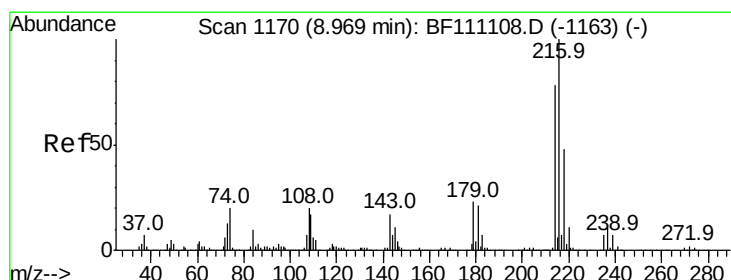
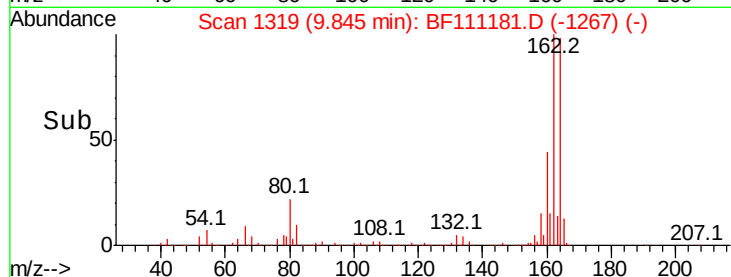
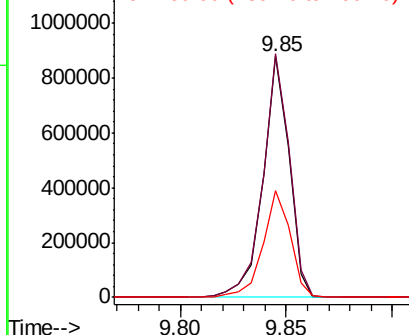


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.173 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	22.5	18.5	27.7
108	25.6	19.1	28.7

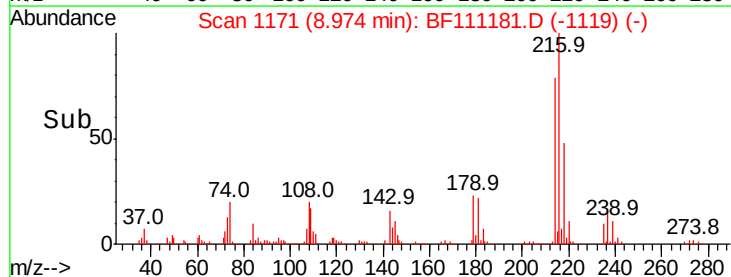
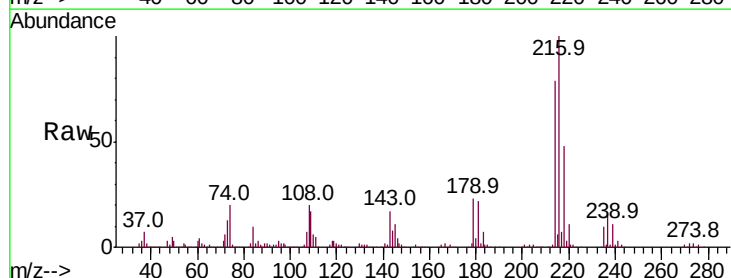
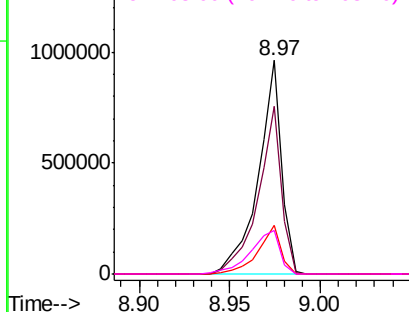
Abundance

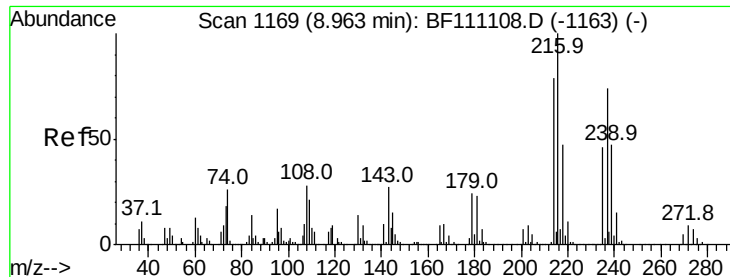
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 106.333 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion:237 Resp: 1142553

Ion Ratio Lower Upper

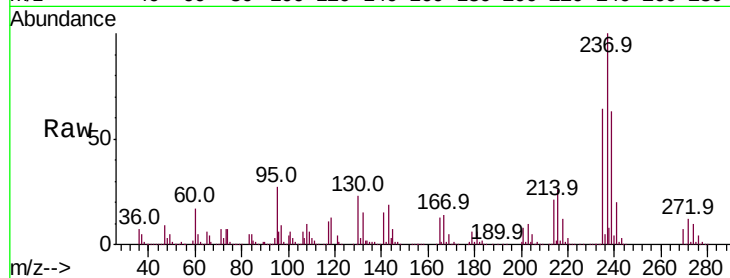
237 100

235 63.9 41.9 81.9

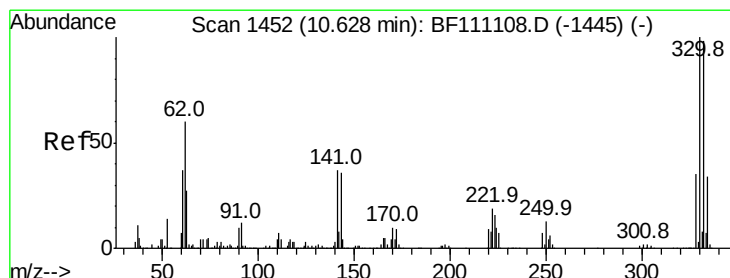
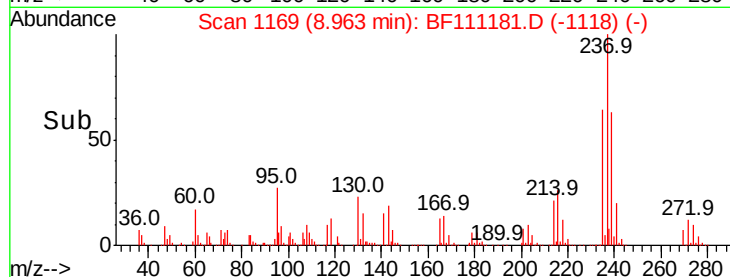
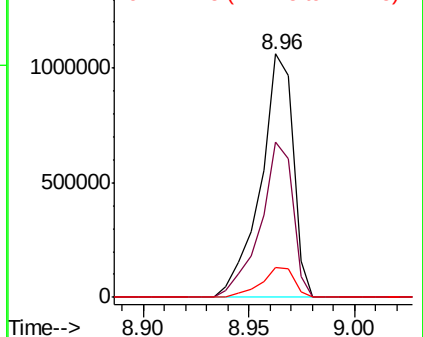
272 12.4 0.0 32.7

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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: 135.557 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

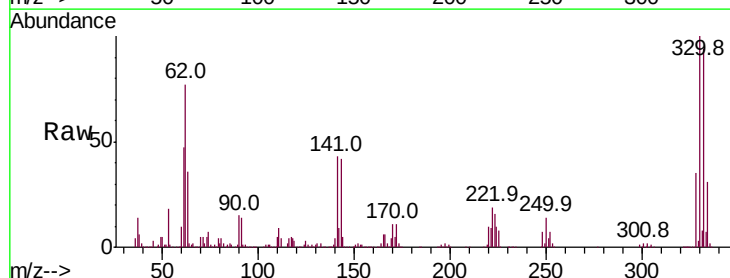
Tgt Ion:330 Resp: 823860

Ion Ratio Lower Upper

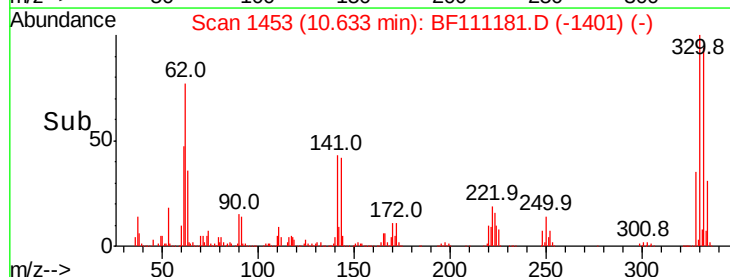
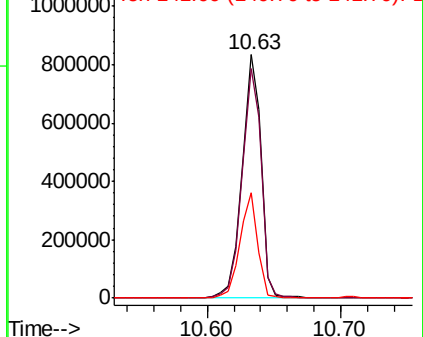
330 100

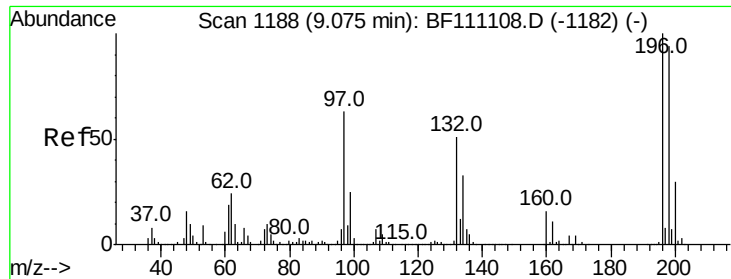
332 95.5 77.2 115.8

141 40.9 36.1 54.1



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





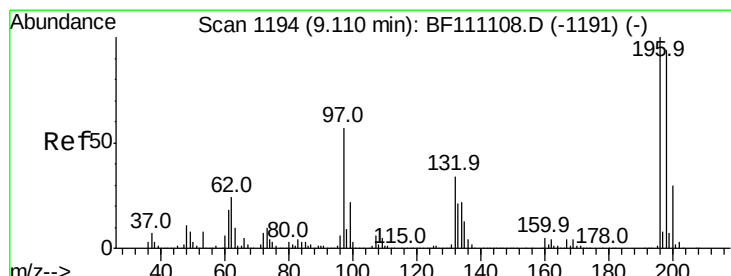
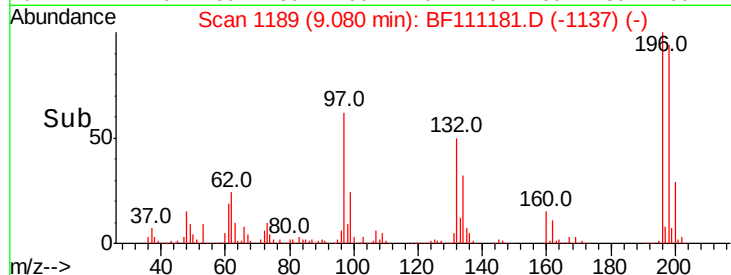
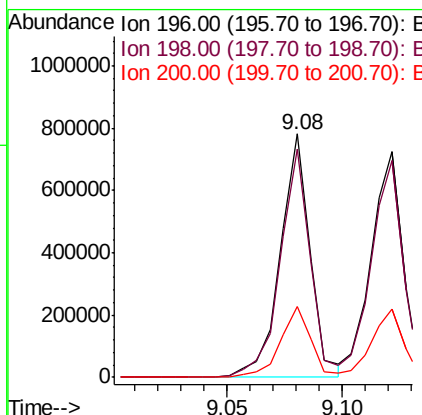
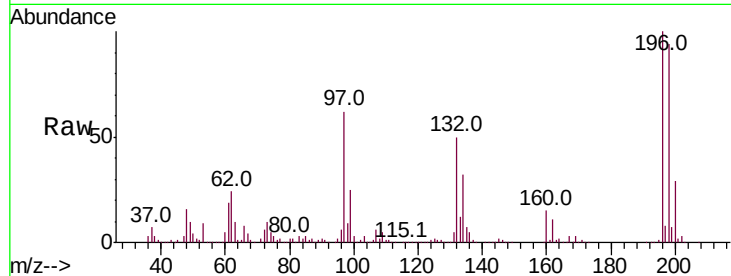
#43
 2,4,6-Trichlorophenol
 Concen: 46.674 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BS

Tot Ion:	196	Resp:	694653
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.4	113.0
200	29.1	24.2	36.4

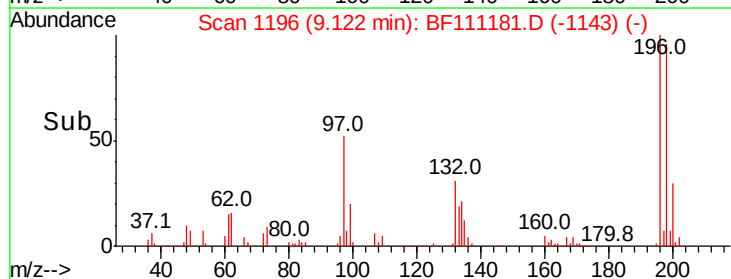
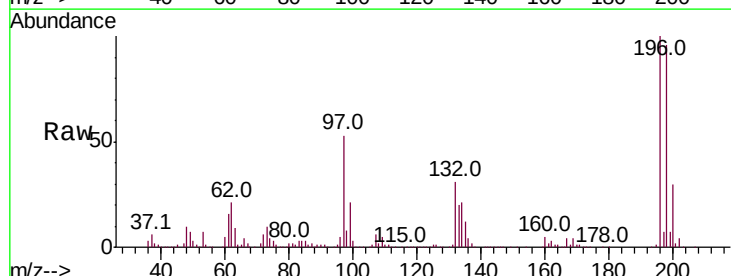
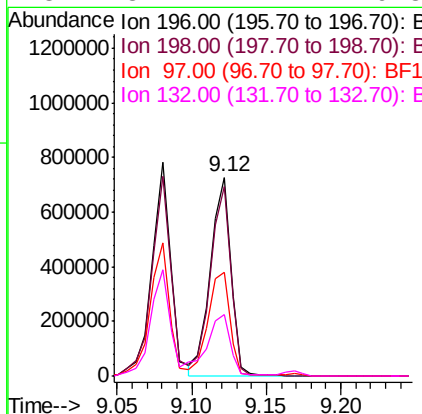
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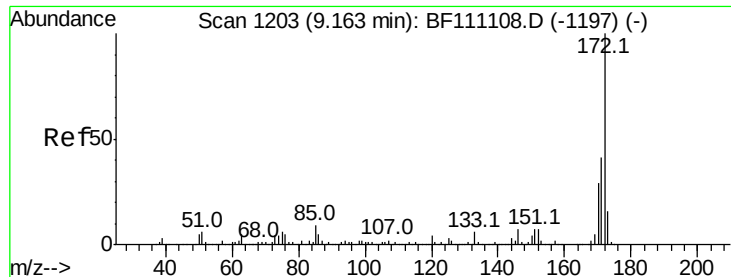
Sohil
 12/11/2018 8:44:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.997 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion:	196	Resp:	693953
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.0	112.4
97	52.5	46.2	69.4
132	31.2	27.2	40.8





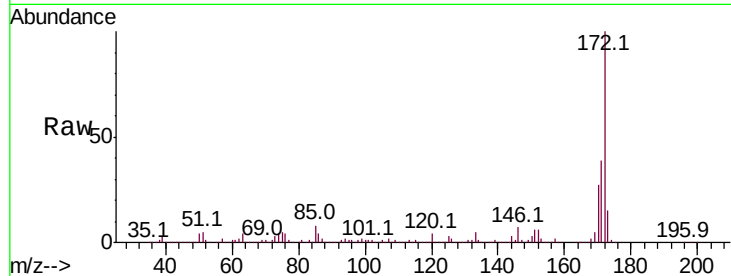
#45
2-Fluorobiphenyl
Concen: 82.145 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

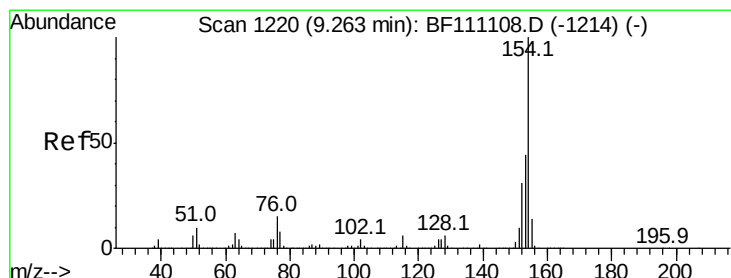
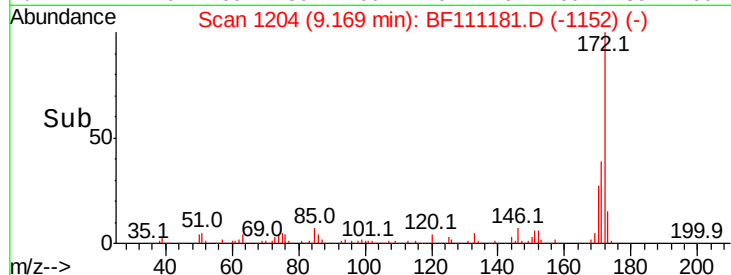
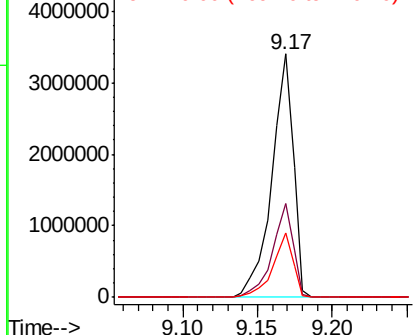
Tot Ion:172 Resp: 3412976
Ion Ratio Lower Upper
172 100
171 38.7 33.2 49.8
170 26.6 22.9 34.3

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12/11/2018 8:44:40 AM

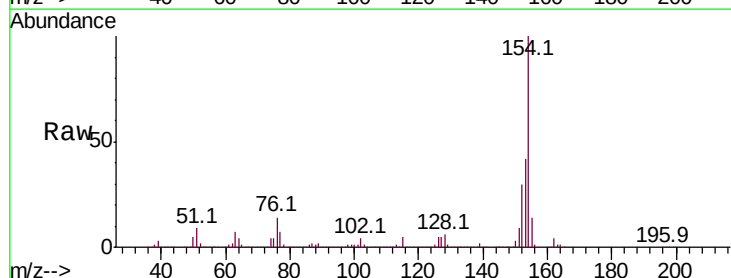


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

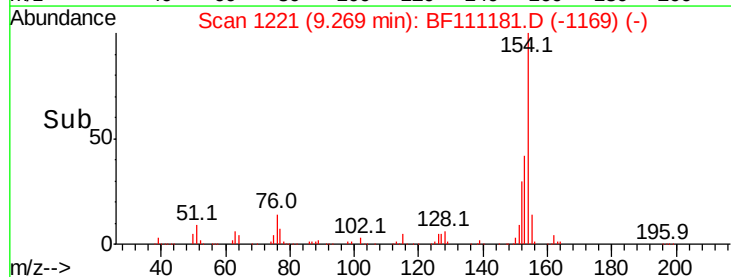
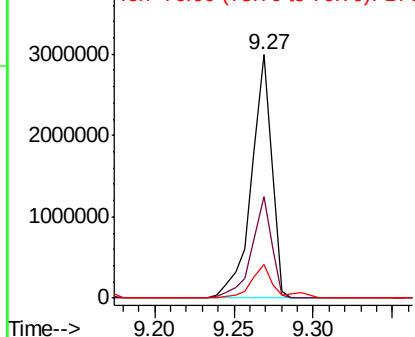


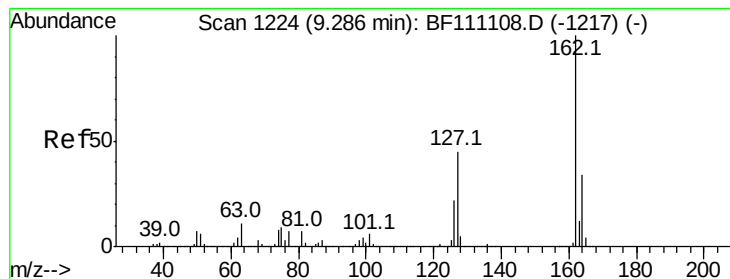
#46
1,1'-Biphenyl
Concen: 42.330 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:154 Resp: 2649452
Ion Ratio Lower Upper
154 100
153 41.8 23.7 63.7
76 13.9 0.0 35.0



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





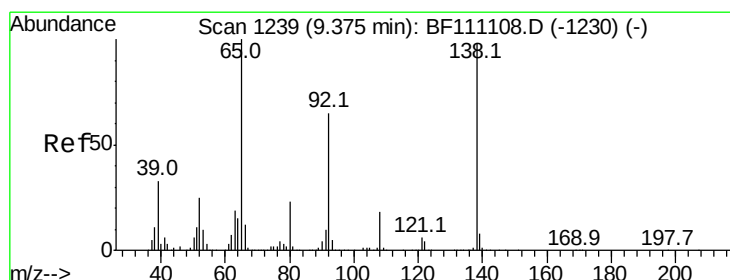
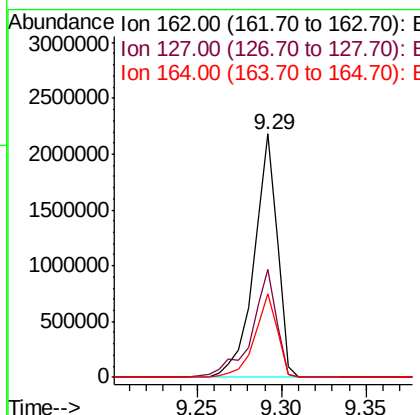
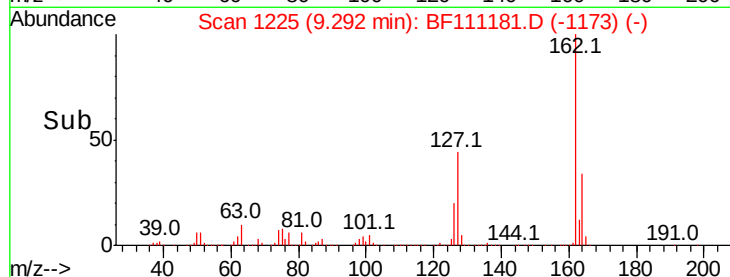
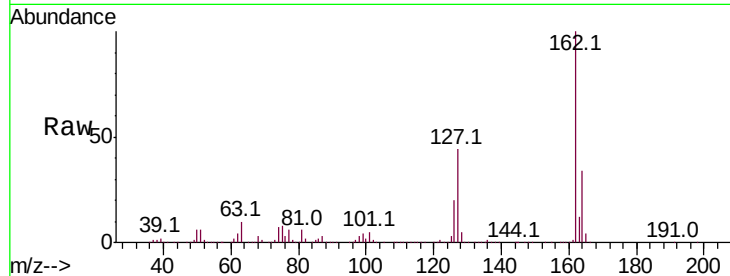
#47
 2-Chloronaphthalene
 Concen: 43.225 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleID :
 PB115300BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	36.4	54.6
164	34.3	27.3	40.9

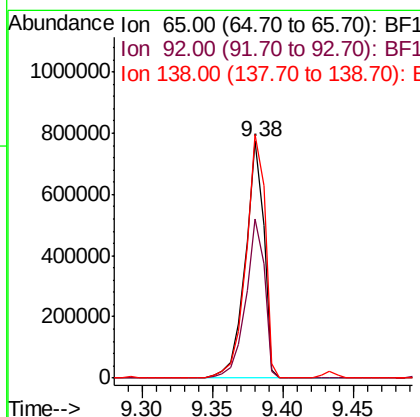
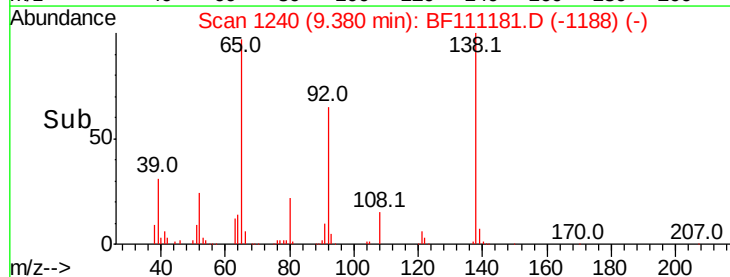
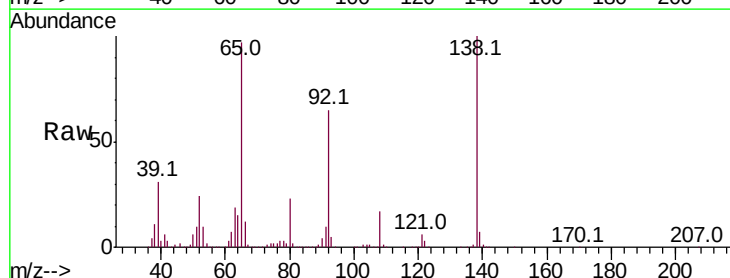
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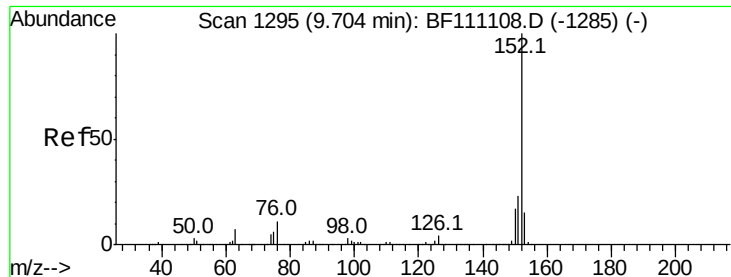
Sohil
 12/11/2018 8:44:40 AM



#48
 2-Nitroaniline
 Concen: 45.125 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	52.1	78.1
138	102.7	78.2	117.4





#49

Acenaphthylene

Concen: 47.953 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion:152 Resp: 3260115

Ion Ratio Lower Upper

152 100

151 22.3 18.3 27.5

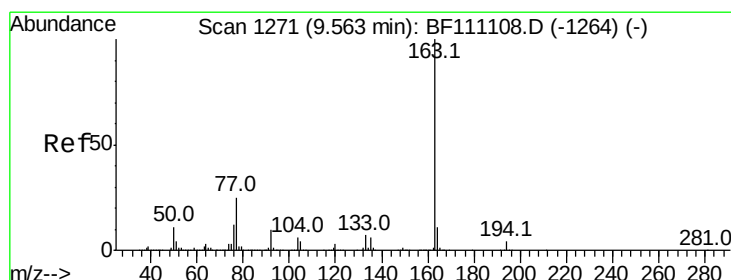
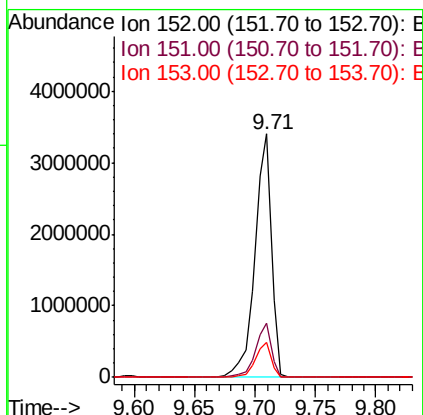
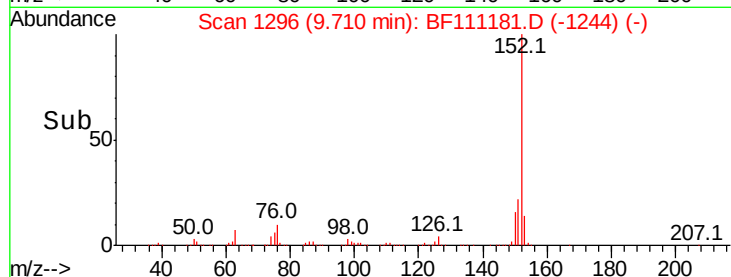
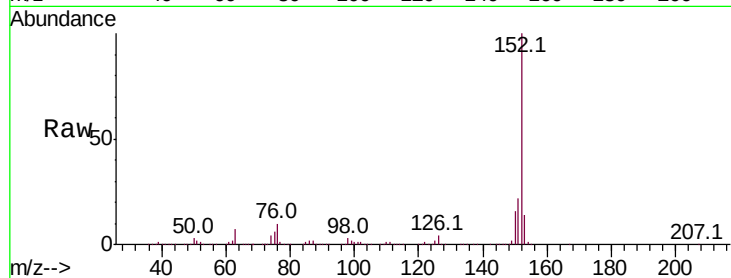
153 14.5 11.8 17.8

Manual Integrations

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#50

Dimethylphthalate

Concen: 44.512 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

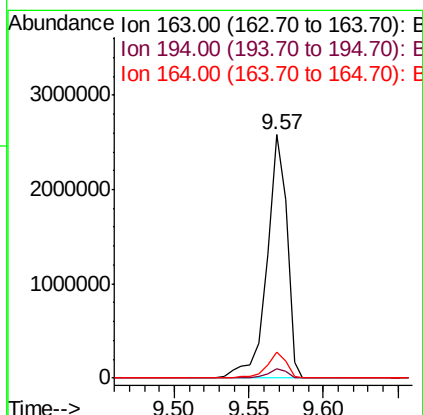
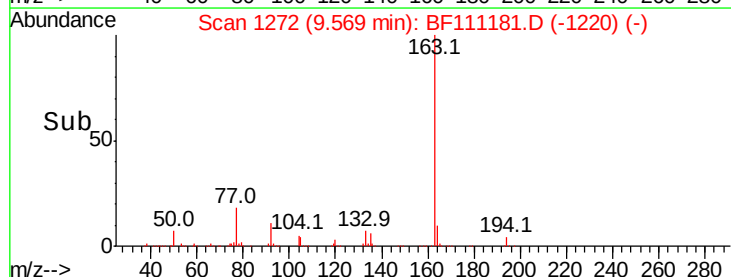
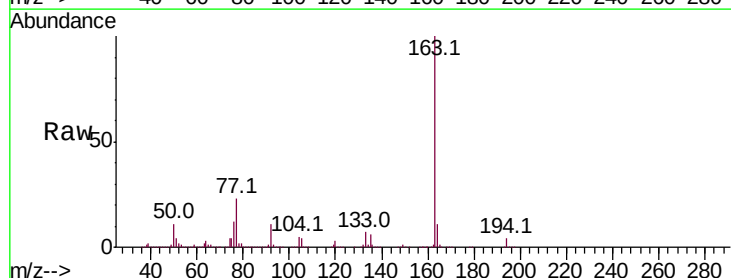
Tgt Ion:163 Resp: 2368570

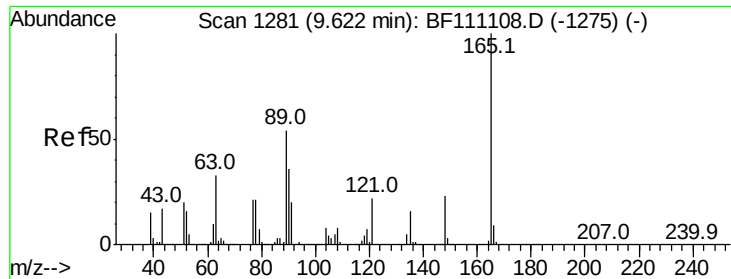
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.9 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 48.471 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

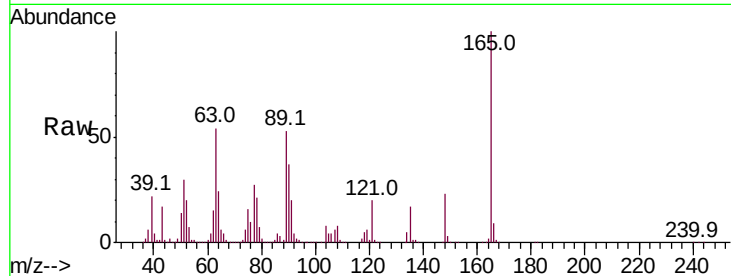
ClientSampleId :

PB115300BS

Tot Ion:	165	Resp:	546840
Ion Ratio	Lower	Upper	
165	100		
63	54.5	44.7	67.1
89	53.4	43.0	64.4

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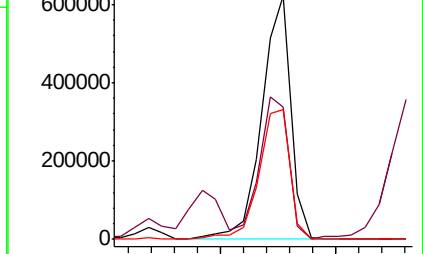
Sohil
12/11/2018 8:44:40 AM



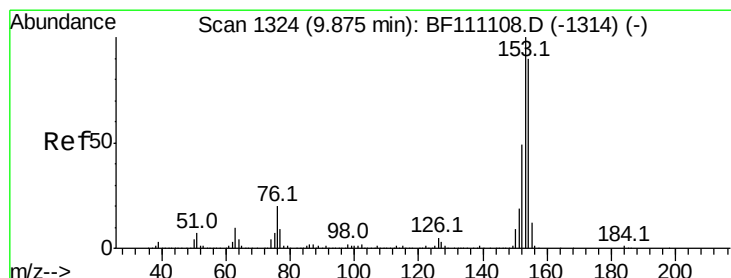
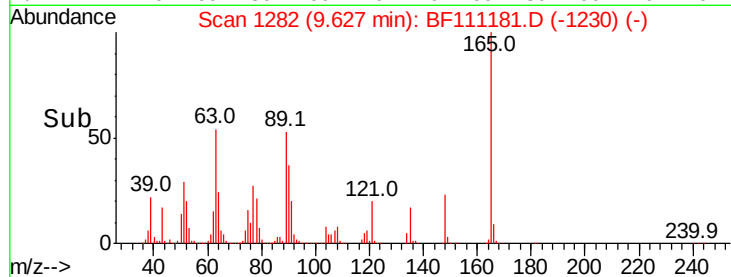
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 48.139 ng

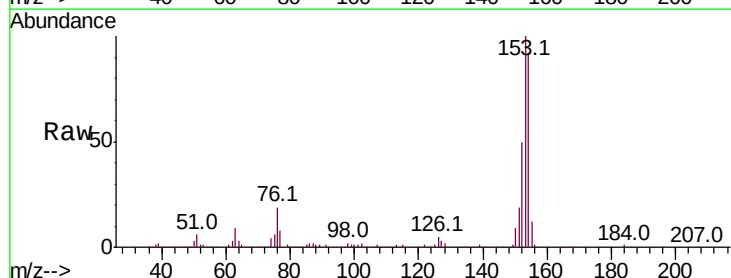
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

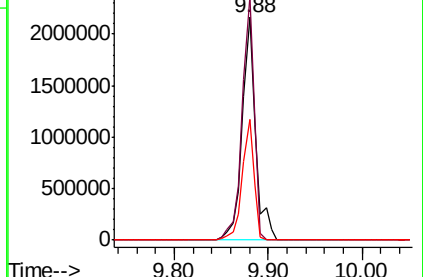
Tgt Ion:	154	Resp:	2162108
Ion Ratio	Lower	Upper	
154	100		
153	109.2	88.7	133.1
152	54.3	43.8	65.8



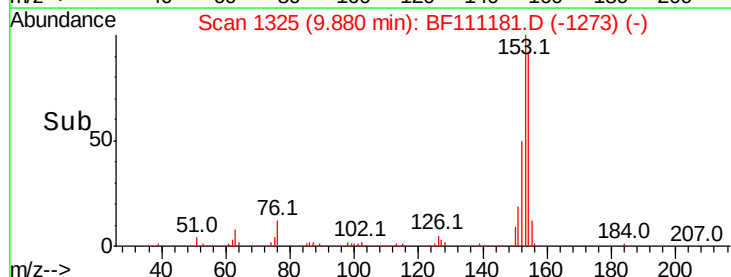
Abundance Ion 154.00 (153.70 to 154.70): E

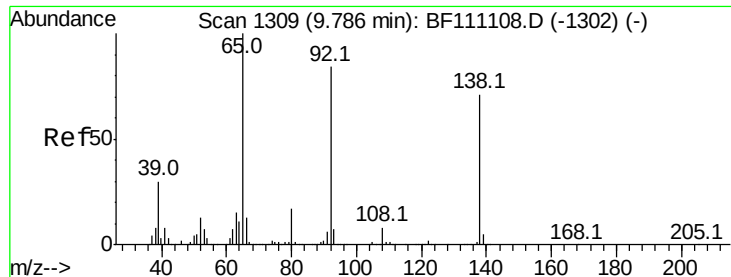
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





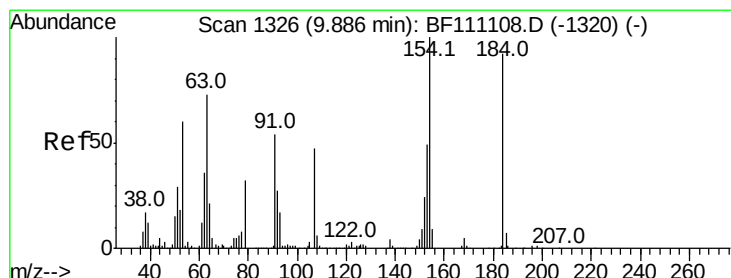
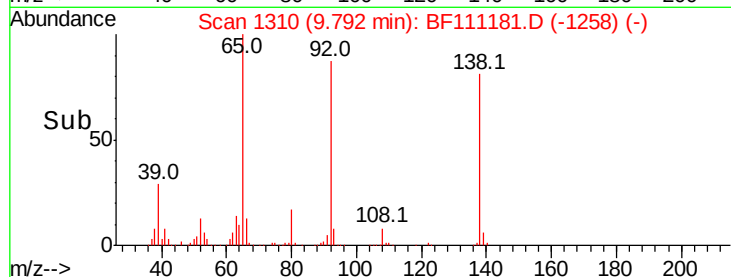
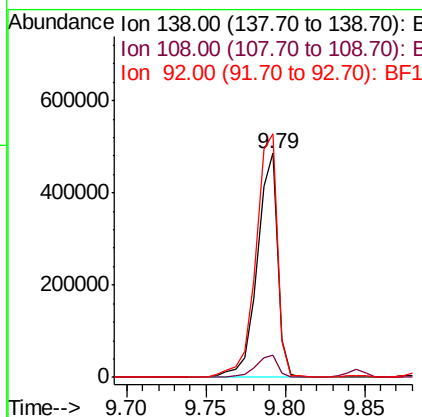
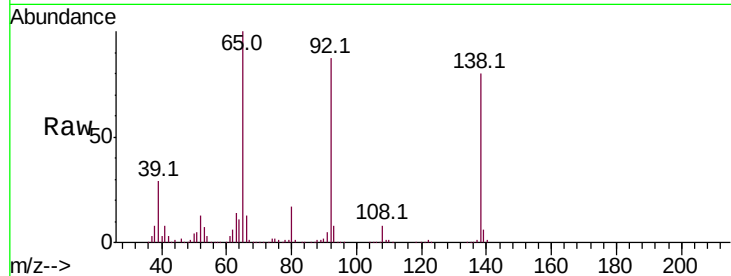
#53
3-Nitroaniline
Concen: 30.812 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.0	9.4	14.0	
92	108.6	94.1	141.1	

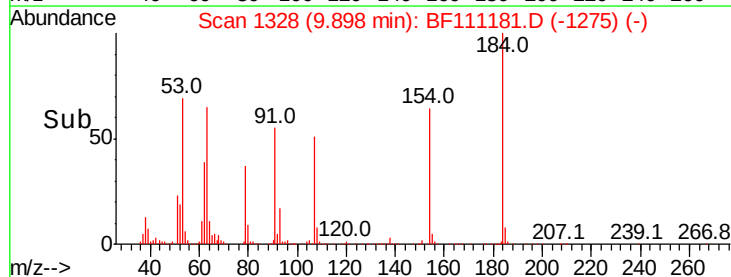
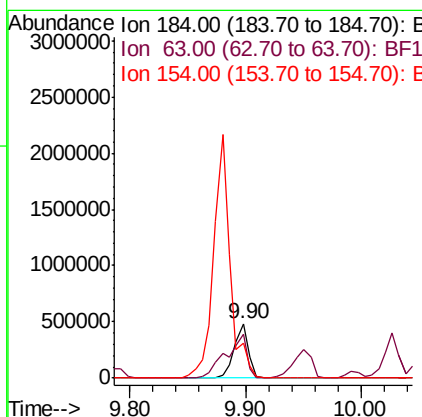
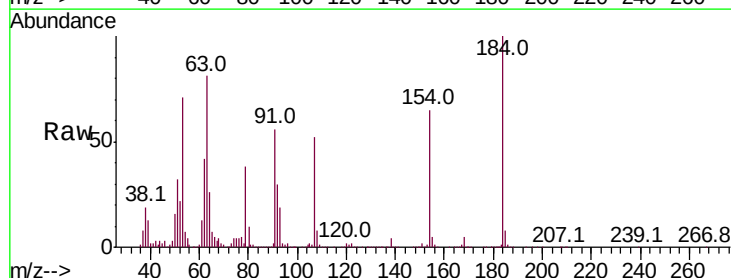
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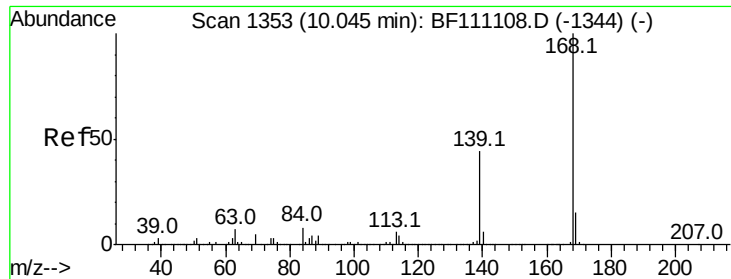
Sohil
12/11/2018 8:44:40 AM



#54
2,4-Dinitrophenol
Concen: 112.487 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	80.8	64.2	96.4	
154	64.6	89.5	134.3#	





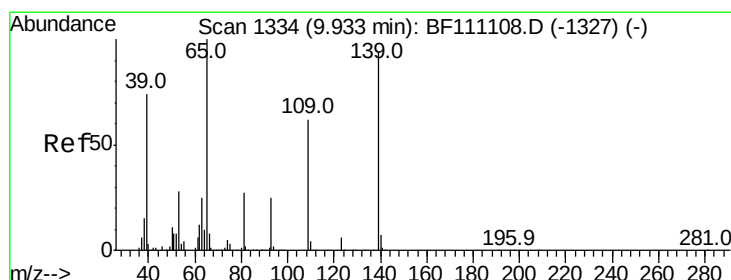
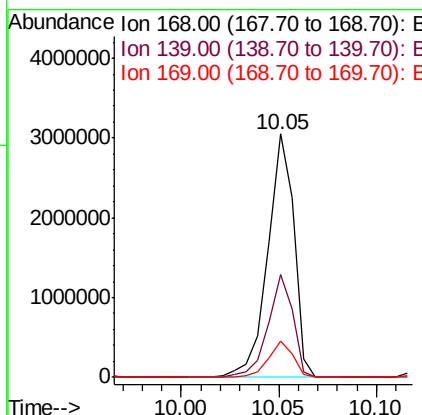
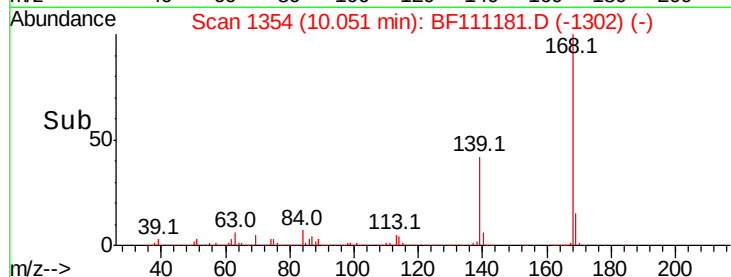
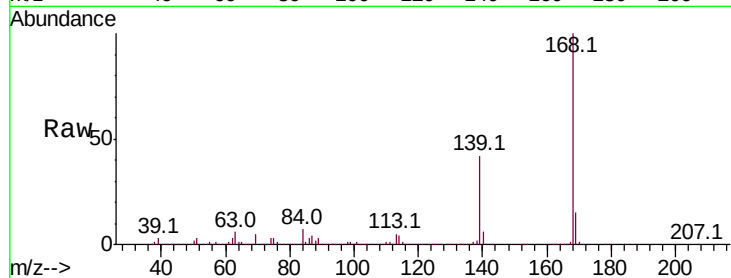
#55
Dibenzofuran
Concen: 45.823 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	35.1	52.7
169	14.7	12.2	18.4

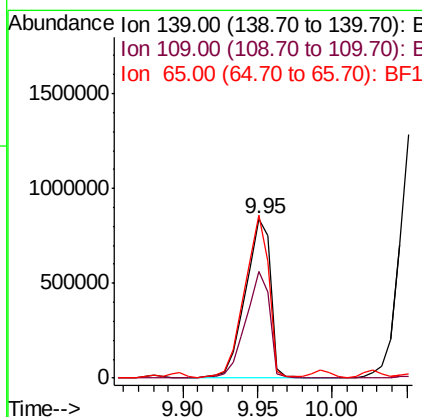
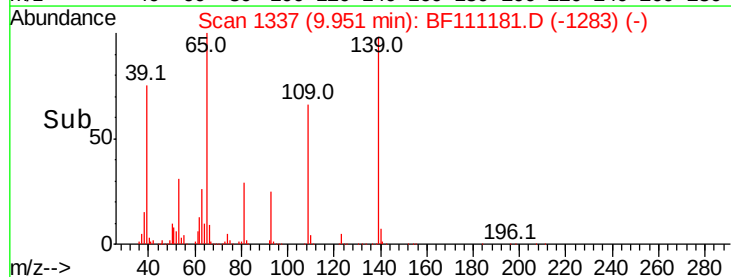
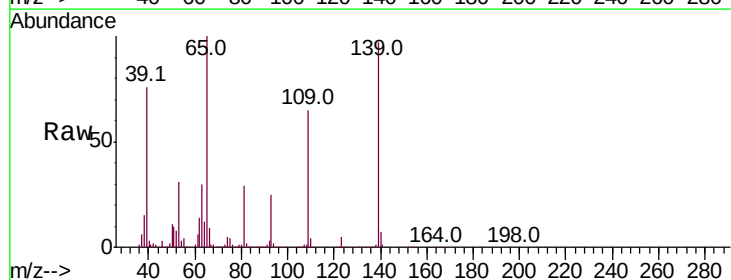
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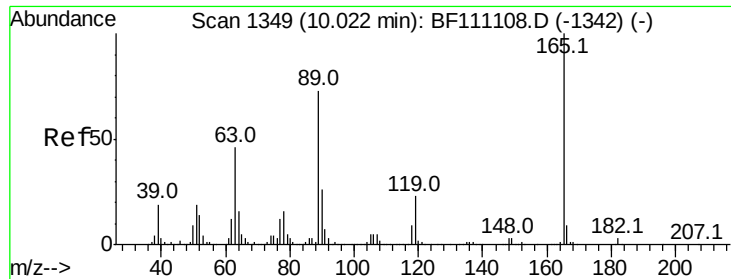
Sohil
12/11/2018 8:44:40 AM



#56
4-Nitrophenol
Concen: 90.861 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	46.1	86.1
65	102.7	87.0	127.0





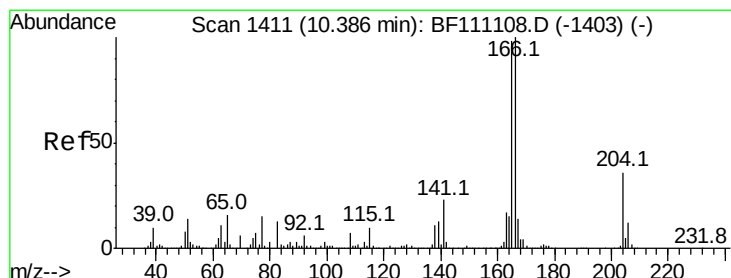
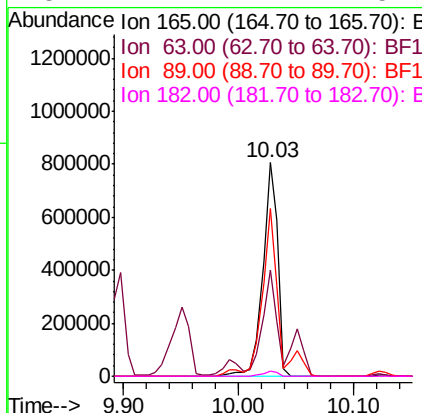
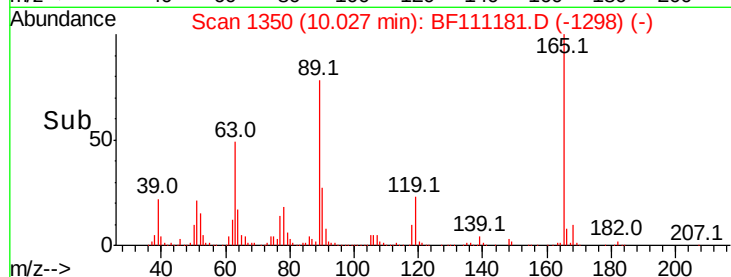
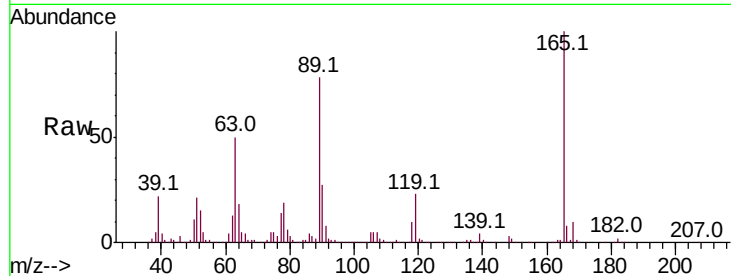
#57
2,4-Dinitrotoluene
Concen: 50.093 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	729891		
63	49.7	36.7	55.1	
89	78.3	58.4	87.6	
182	2.4	2.1	3.1	

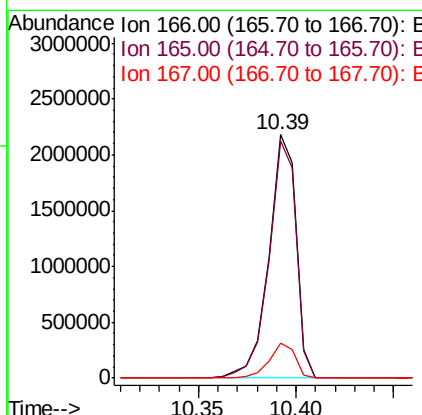
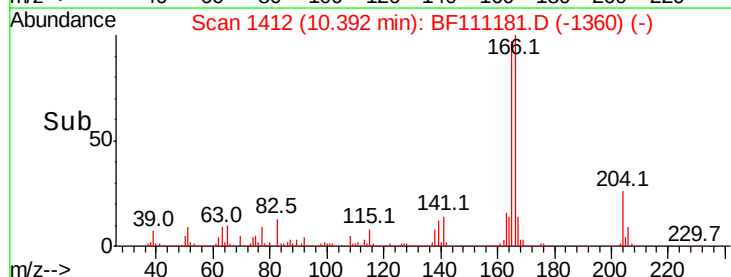
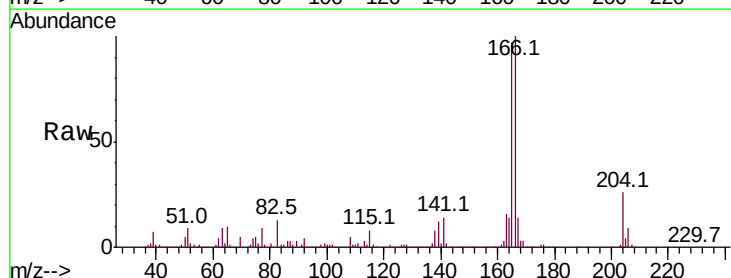
Manual Integrations
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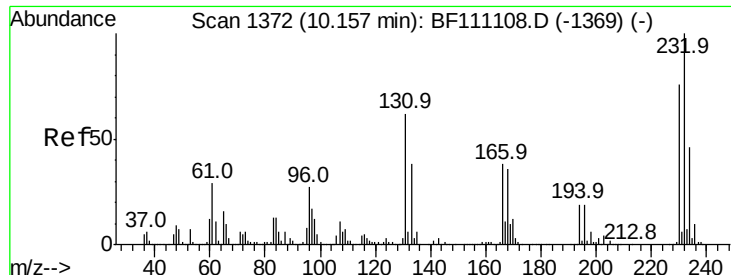
Sohil
12/11/2018 8:44:40 AM



#58
Fluorene
Concen: 48.381 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2110584		
165	97.2	78.4	117.6	
167	14.3	11.4	17.2	





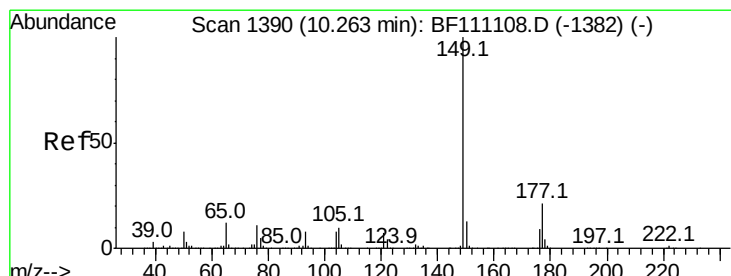
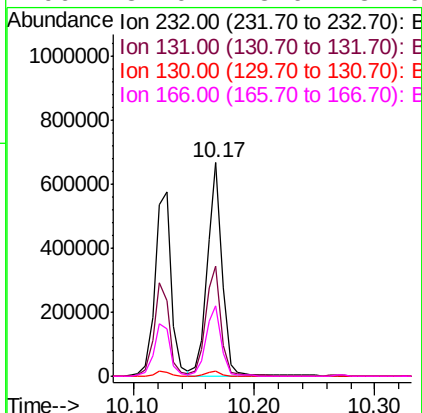
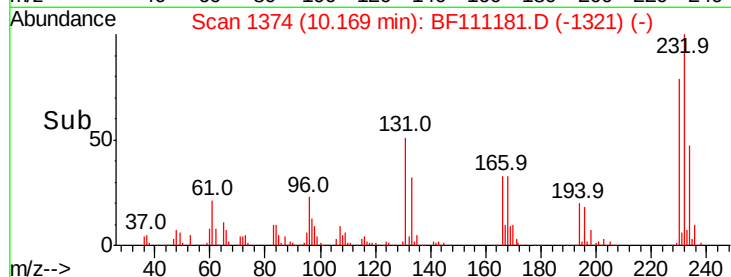
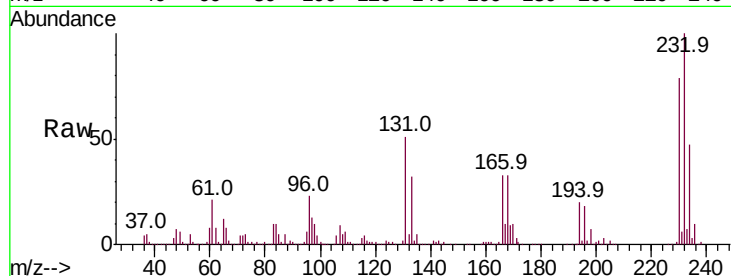
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.896 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampled :
 PB115300BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.9	40.4	60.6
130	2.6	2.1	3.1
166	34.0	23.0	34.6

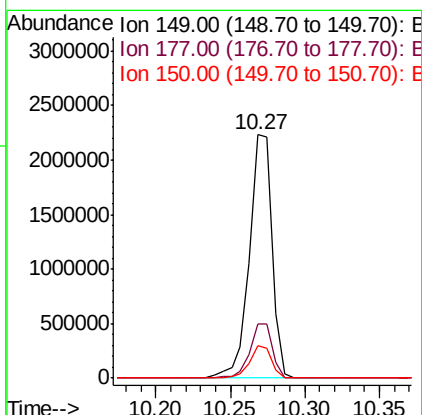
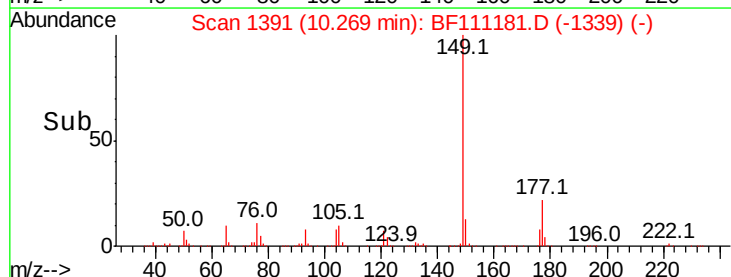
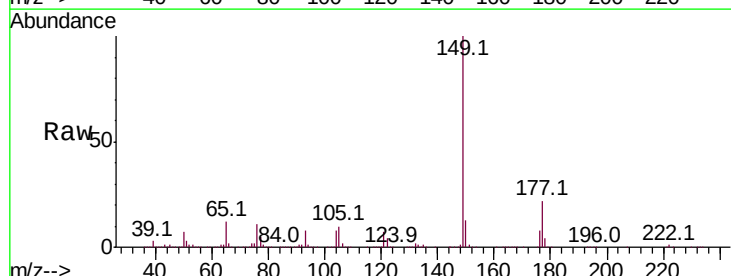
Manual Integrations
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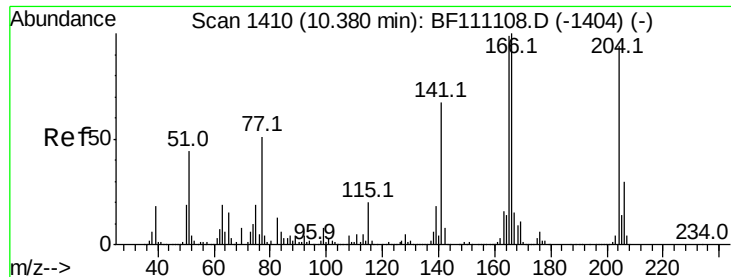
Sohil
 12/11/2018 8:44:40 AM



#60
 Diethylphthalate
 Concen: 43.888 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	13.1	10.5	15.7





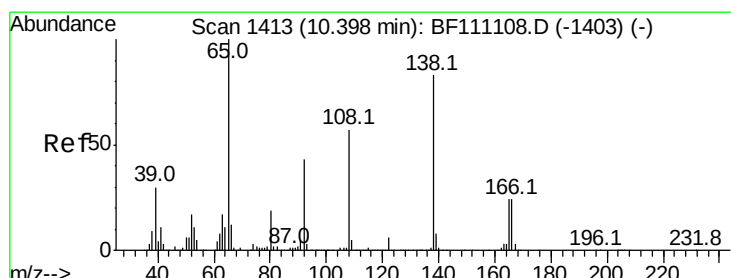
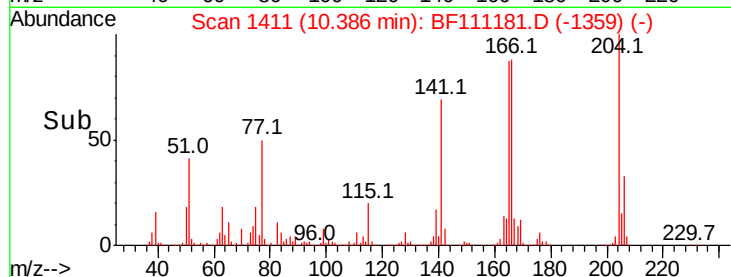
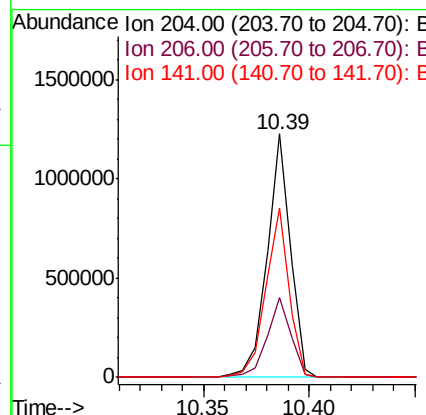
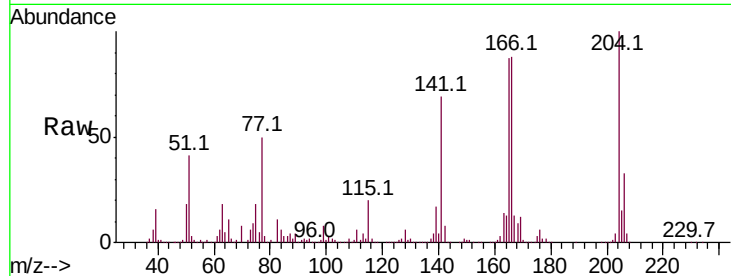
#61
4-Chlorophenyl-phenylether
Concen: 43.988 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion:	204	Resp:	945685
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.9	38.9
141	69.5	57.4	86.0

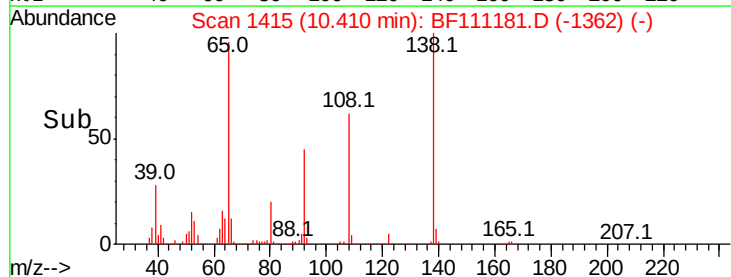
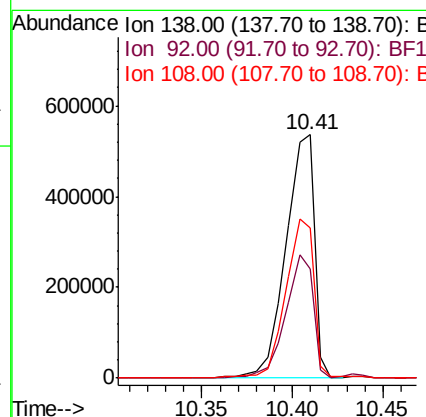
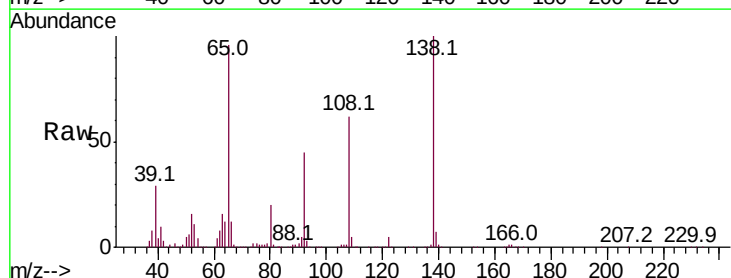
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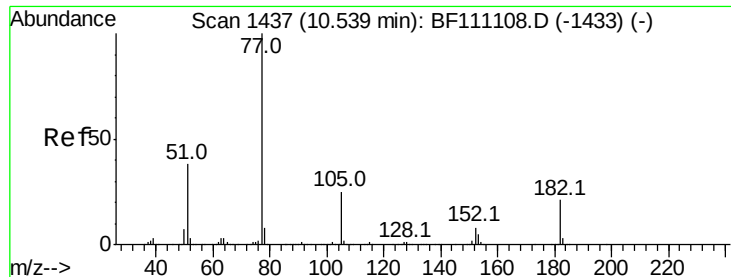
Sohil
12/11/2018 8:44:40 AM



#62
4-Nitroaniline
Concen: 46.539 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:	138	Resp:	595235
Ion Ratio	Lower	Upper	
138	100		
92	44.9	31.6	71.6
108	61.8	48.3	88.3





#63

Azobenzene

Concen: 42.395 ng

RT: 10.54 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion: 77 Resp: 2400244

Ion Ratio Lower Upper

77 100

182 22.0 1.4 41.4

105 23.7 4.7 44.7

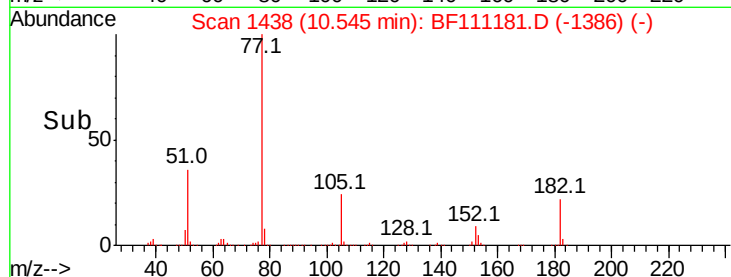
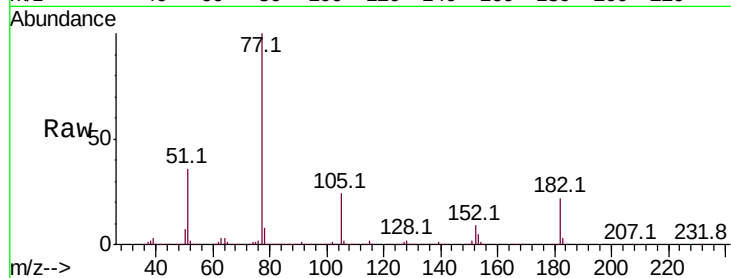
51 36.2 18.0 58.0

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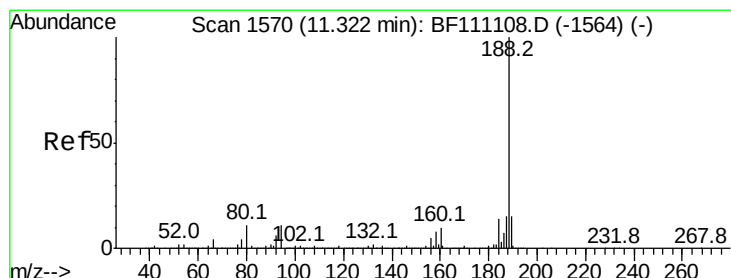
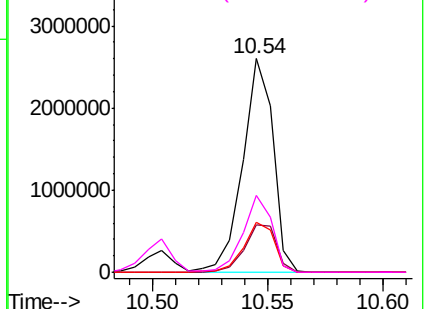


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

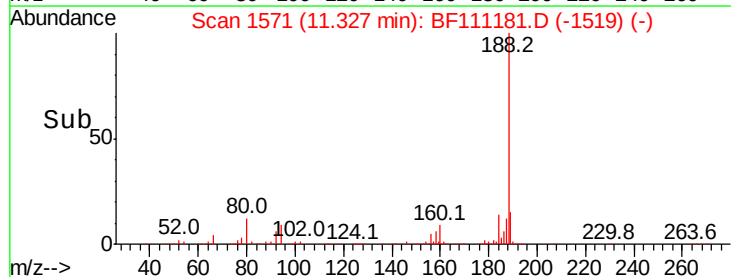
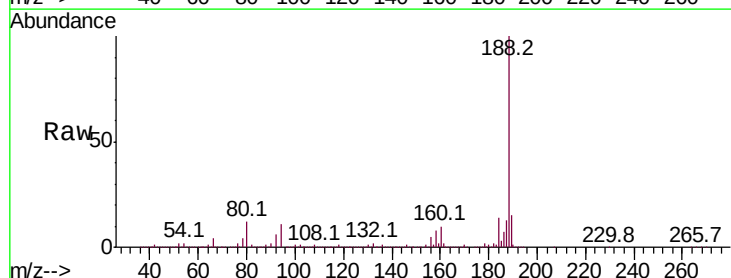
Tgt Ion: 188 Resp: 1315546

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

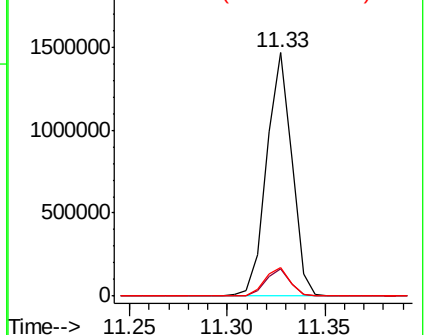
80 11.9 9.0 13.6

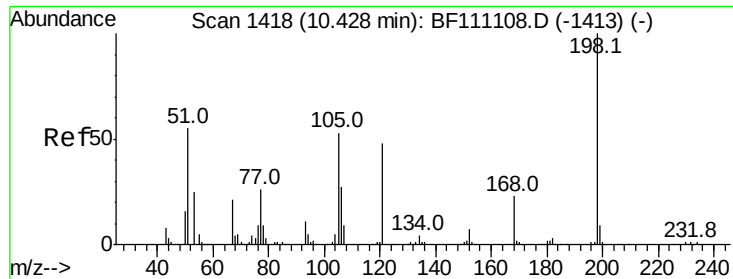


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





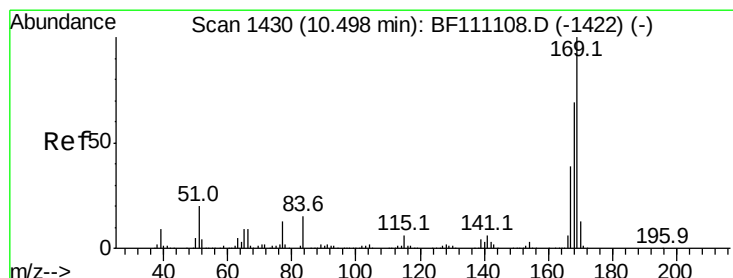
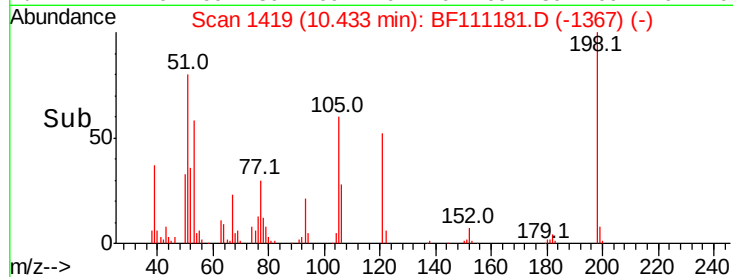
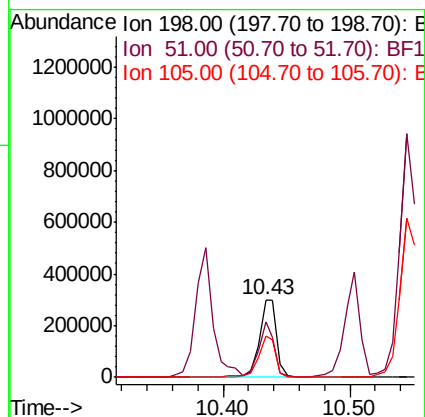
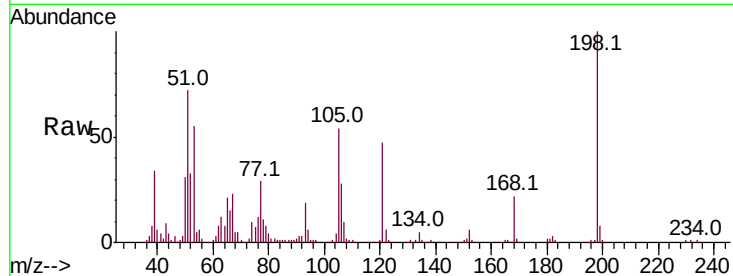
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.058 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleID :
 PB115300BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	288371		
51	72.4	48.8	88.8	
105	53.9	35.2	75.2	

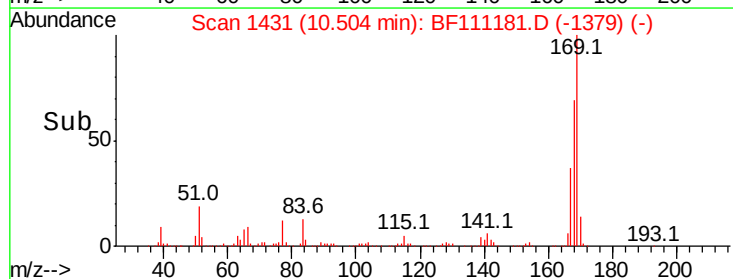
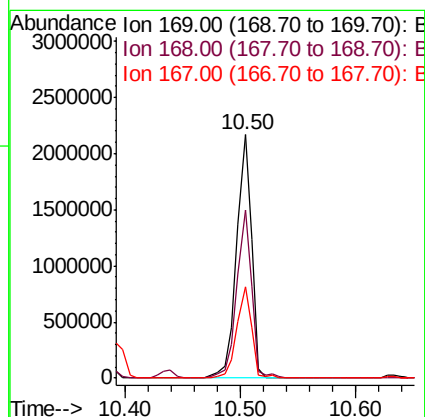
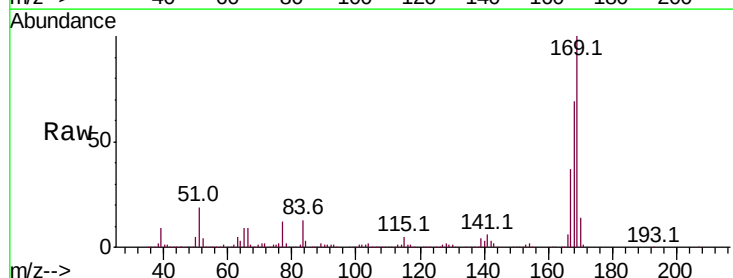
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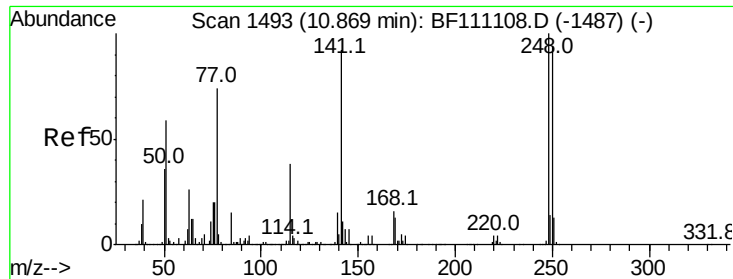
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 42.186 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1943293		
168	68.8	55.4	83.2	
167	37.4	31.1	46.7	





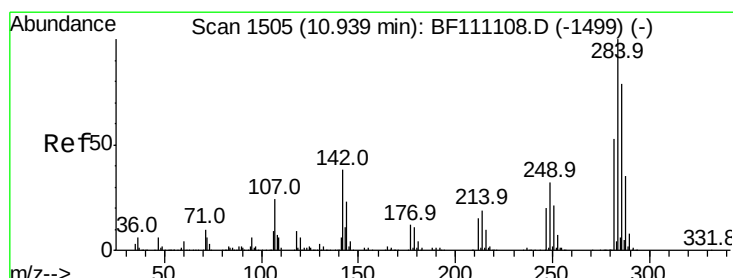
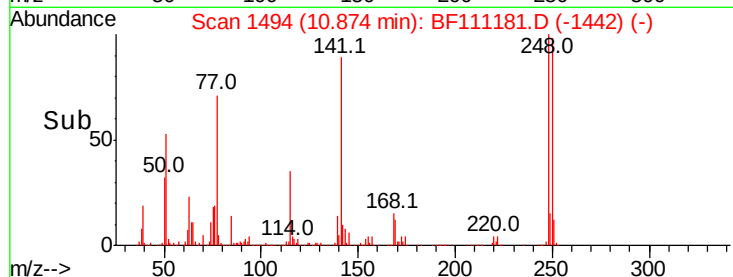
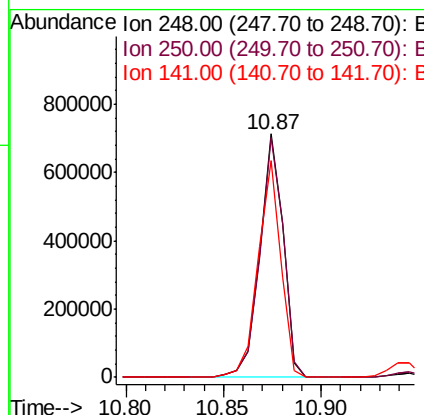
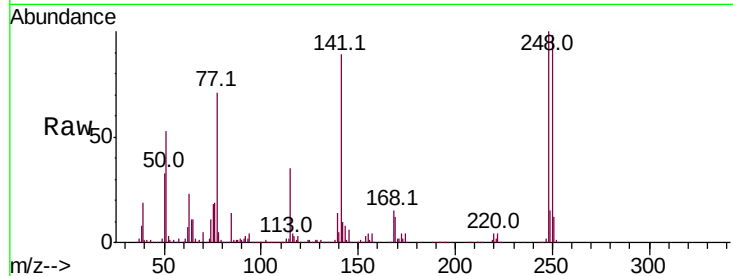
#67
4-Bromophenyl-phenylether
Concen: 42.326 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.4	113.0
141	89.0	73.8	110.6

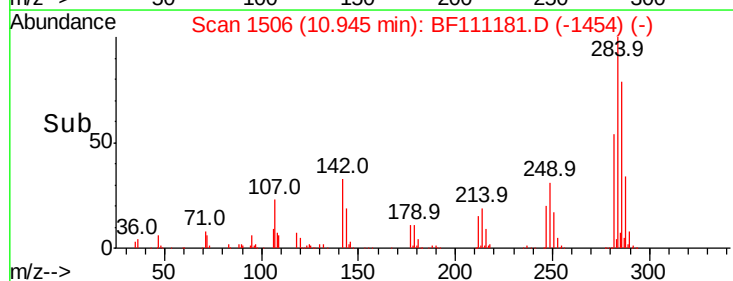
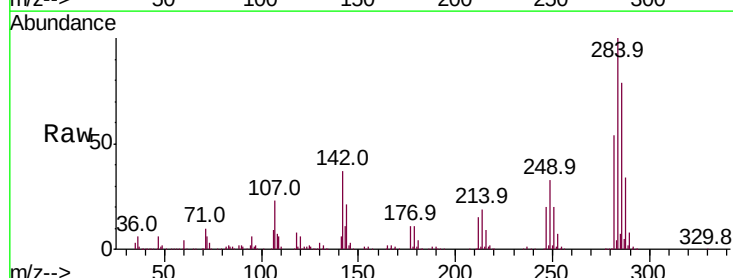
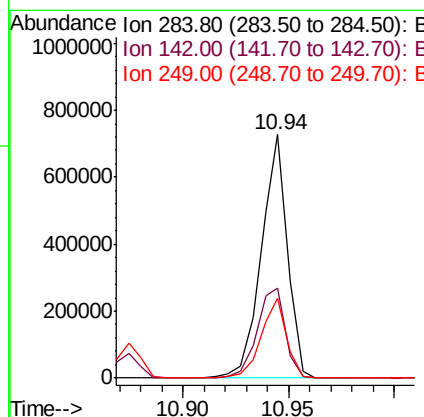
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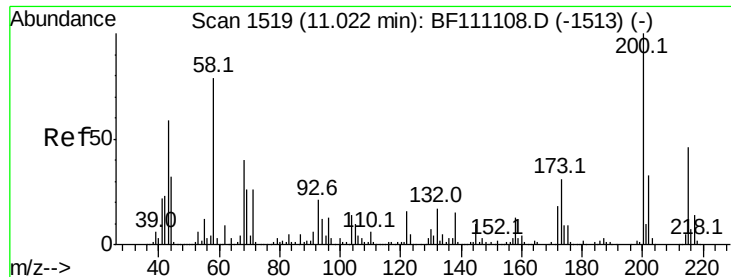
Sohil
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#68
Hexachlorobenzene
Concen: 43.723 ng
RT: 10.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	30.2	45.2
249	32.6	25.3	37.9





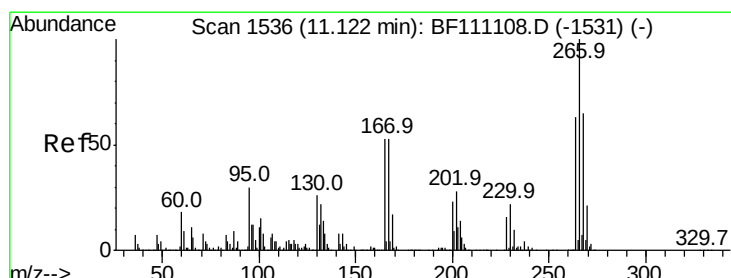
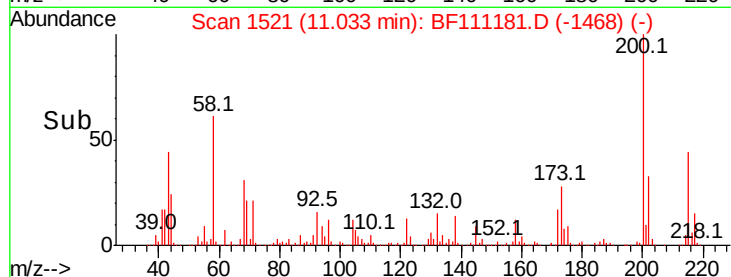
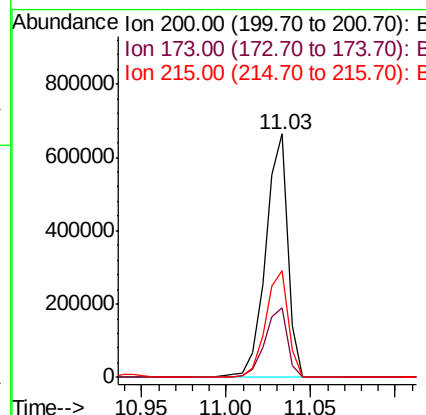
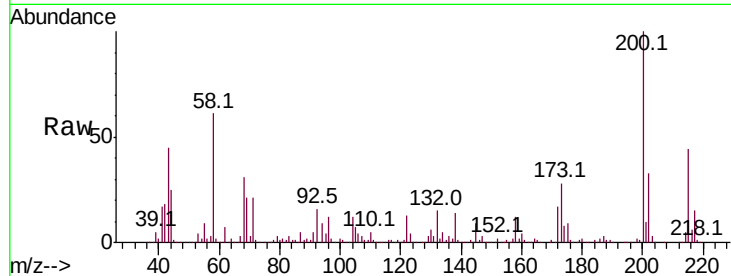
#69
Atrazine
Concen: 49.048 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	11.3	51.3
215	44.1	25.9	65.9

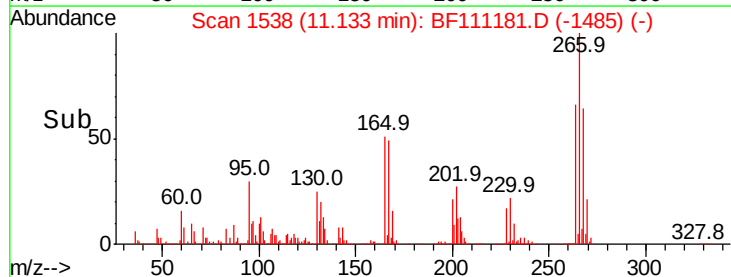
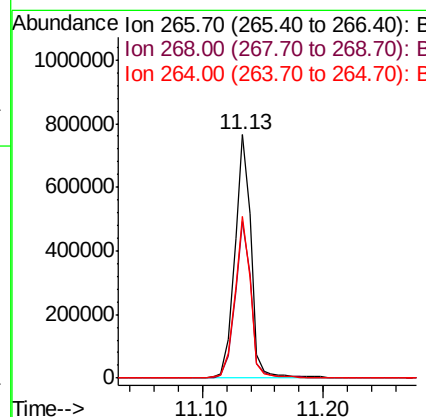
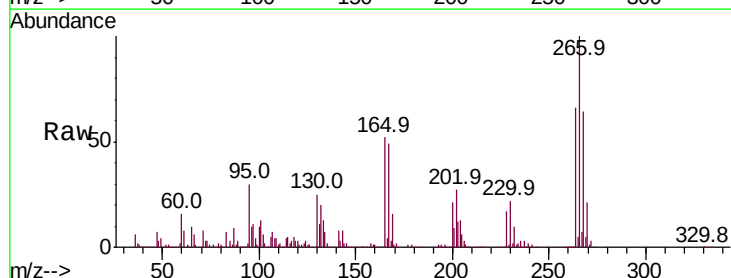
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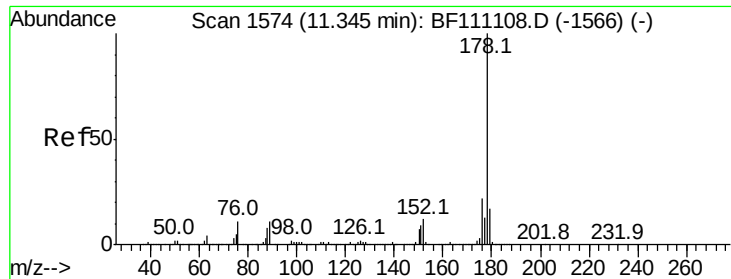
Sohil
12/11/2018 8:44:40 AM



#70
Pentachlorophenol
Concen: 76.085 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.2	78.4
264	66.2	50.8	76.2





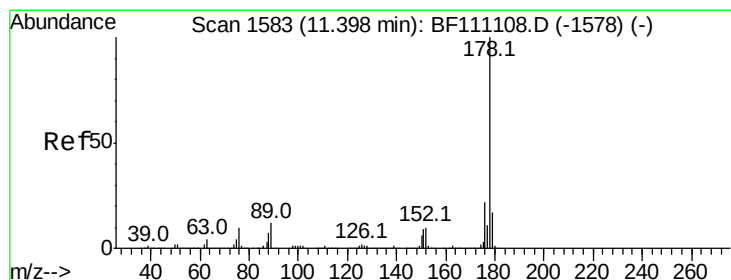
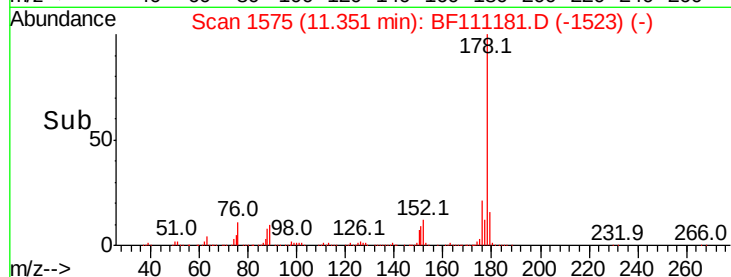
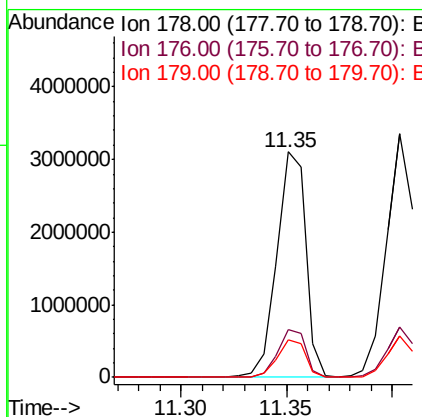
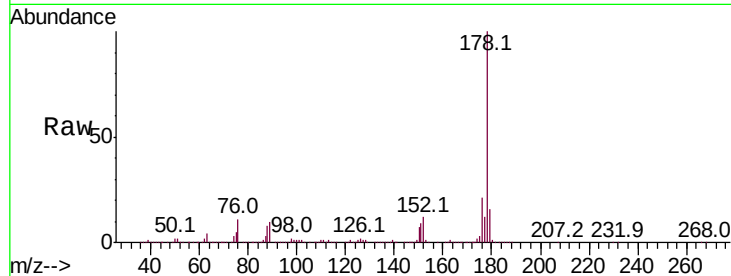
#71
Phenanthrene
Concen: 47.015 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion:178 Resp: 2975130
Ion Ratio Lower Upper
178 100
176 21.2 17.7 26.5
179 16.4 14.0 21.0

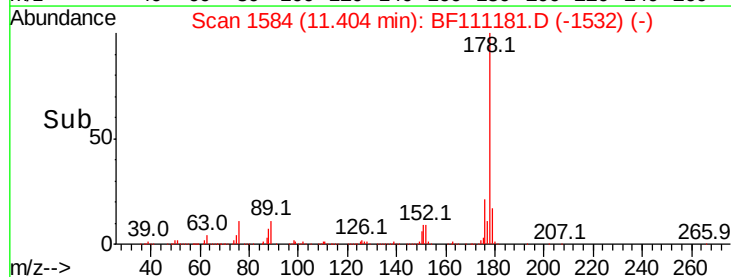
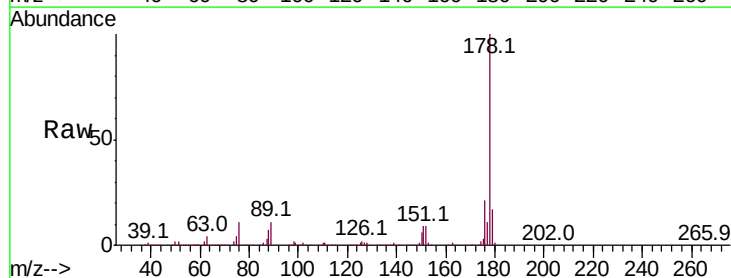
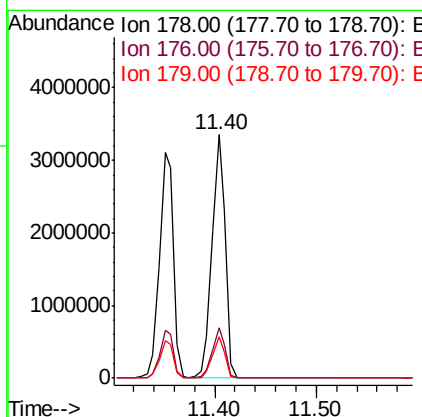
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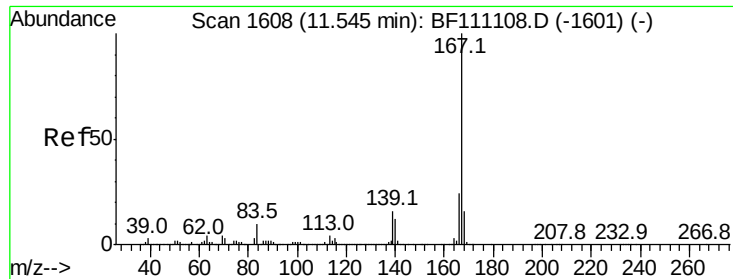
Sohil
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#72
Anthracene
Concen: 47.747 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:178 Resp: 3045570
Ion Ratio Lower Upper
178 100
176 20.9 17.3 25.9
179 16.8 13.8 20.8





#73

Carbazole

Concen: 42.527 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

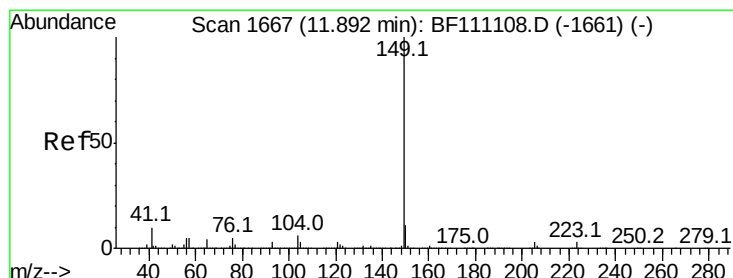
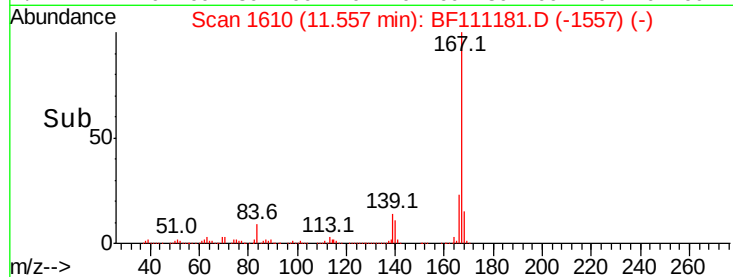
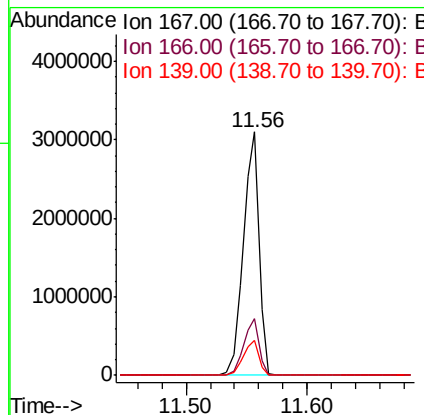
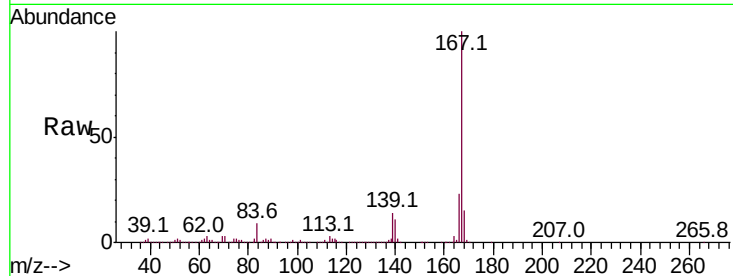
ClientSampleId :

PB115300BS

Tot Ion:	167	Resp:	2822582
Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.0
139	14.3	12.6	18.8

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#74

Di-n-butylphthalate

Concen: 43.635 ng

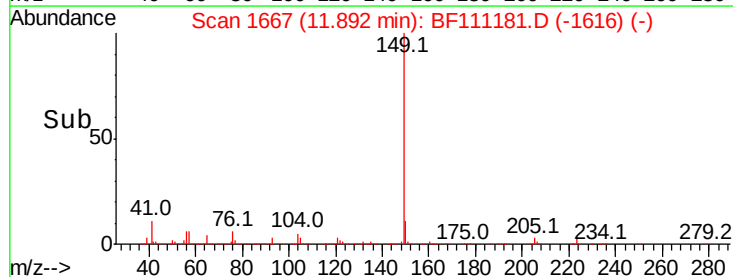
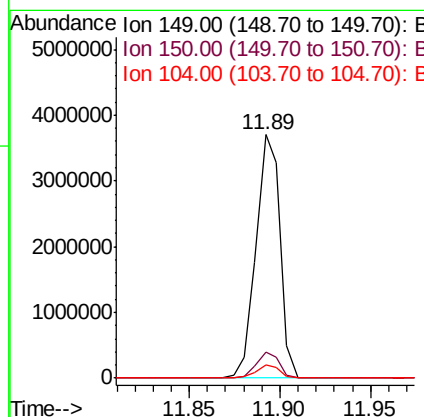
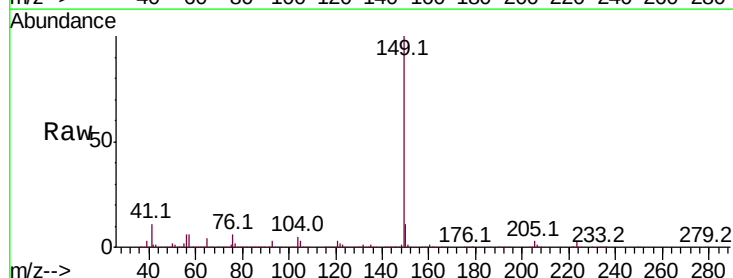
RT: 11.89 min Scan# 1667

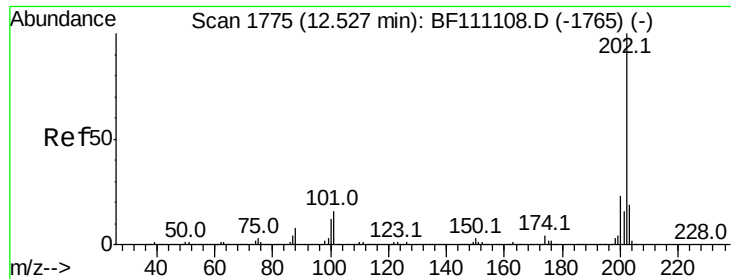
Delta R.T. -0.00 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Tgt Ion:	149	Resp:	3390191
Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 46.743 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion:202 Resp: 2894372

Ion Ratio Lower Upper

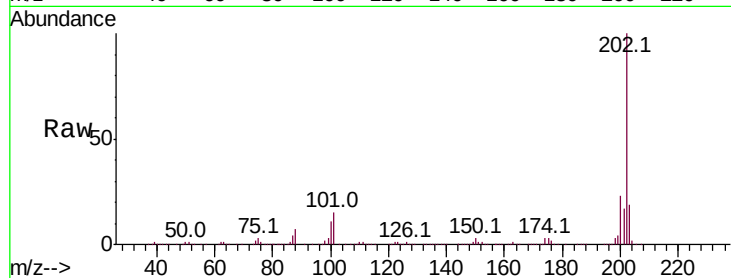
202 100

101 14.7 0.0 35.8

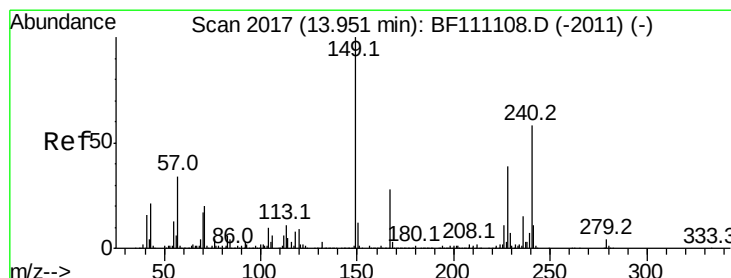
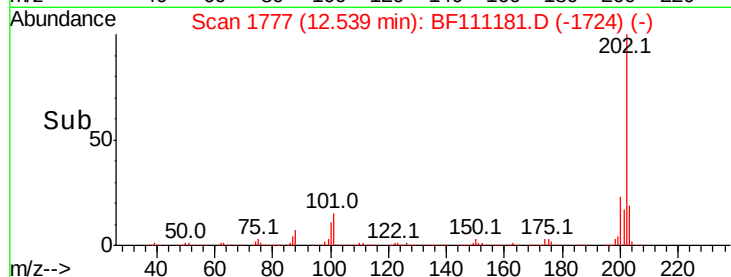
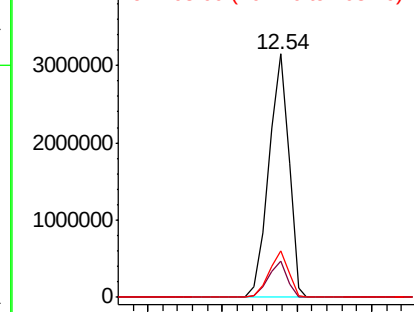
203 19.2 0.0 38.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

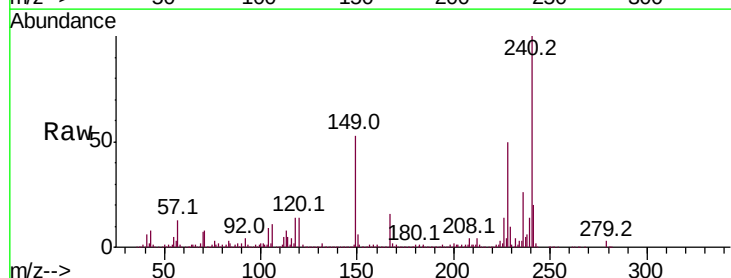
Tgt Ion:240 Resp: 823386

Ion Ratio Lower Upper

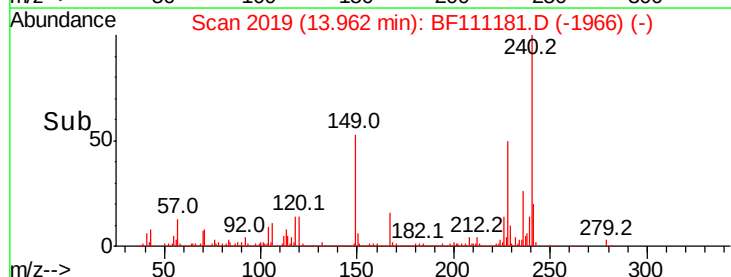
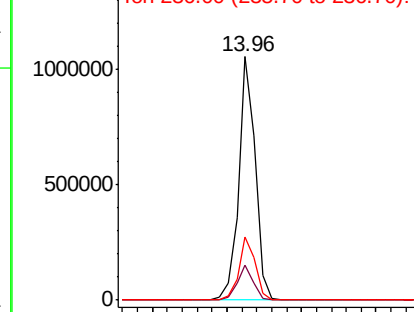
240 100

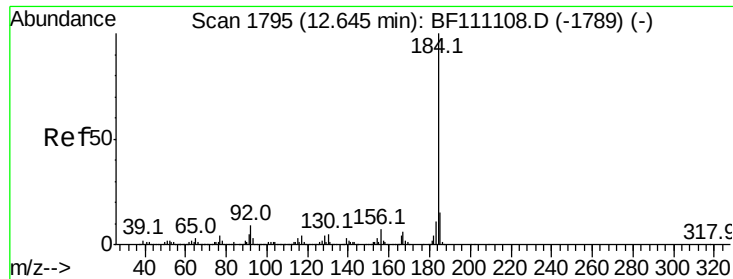
120 14.2 12.8 19.2

236 26.1 21.1 31.7



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





#77

Benzidine

Concen: 50.987 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

Instrument :

BNA_F

ClientSampleId :

PB115300BS

Tot Ion:184 Resp: 1399997

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

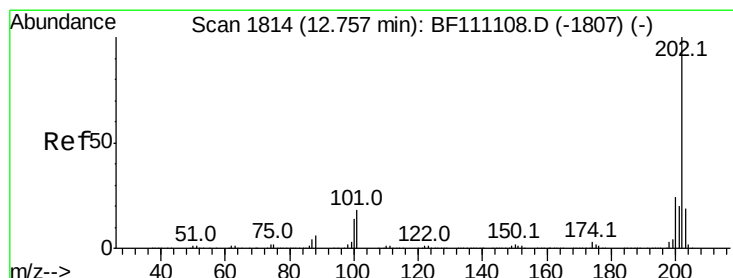
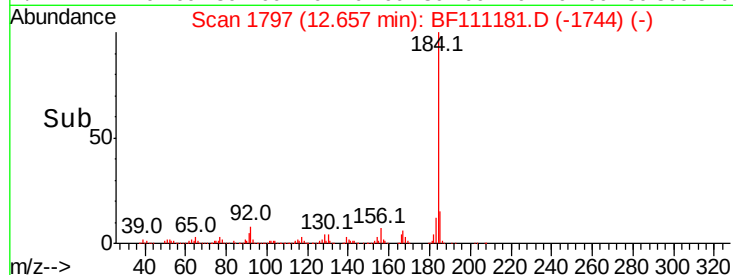
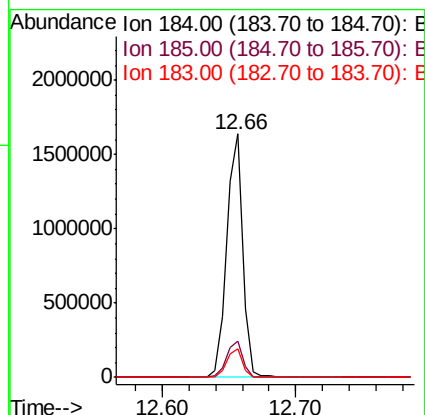
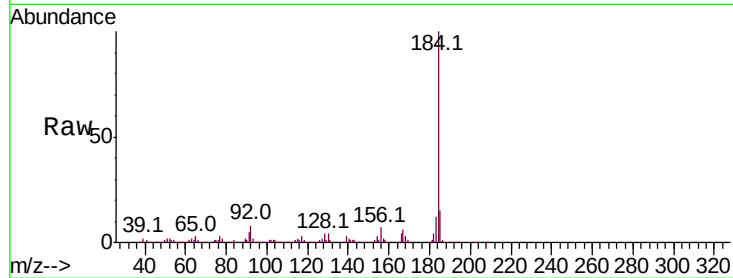
183 11.8 8.9 13.3

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#78

Pyrene

Concen: 45.708 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111181.D

Acq: 7 Dec 2018 12:37

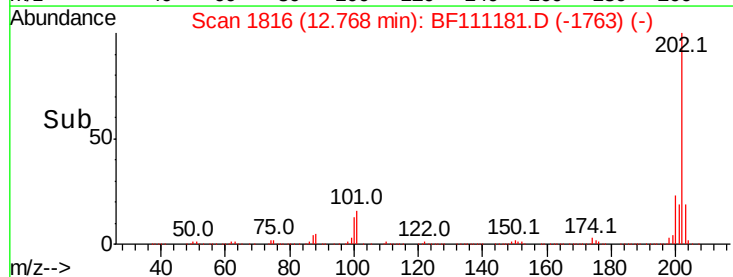
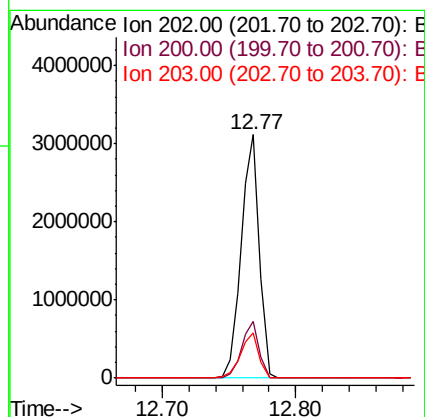
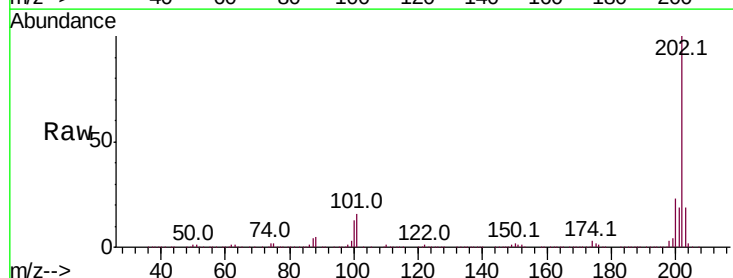
Tgt Ion:202 Resp: 2932060

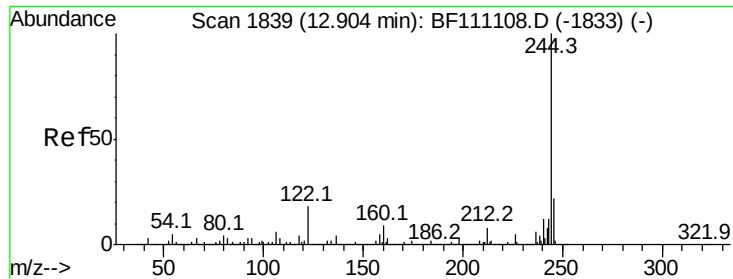
Ion Ratio Lower Upper

202 100

200 23.4 19.3 28.9

203 18.8 15.4 23.2





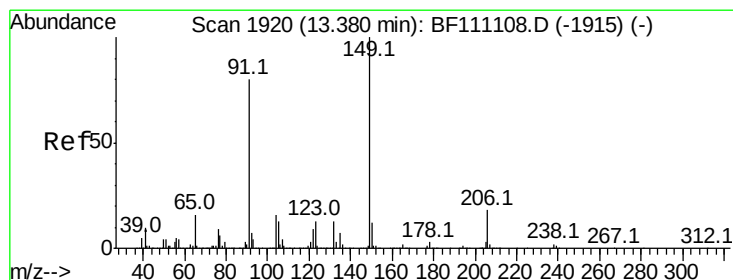
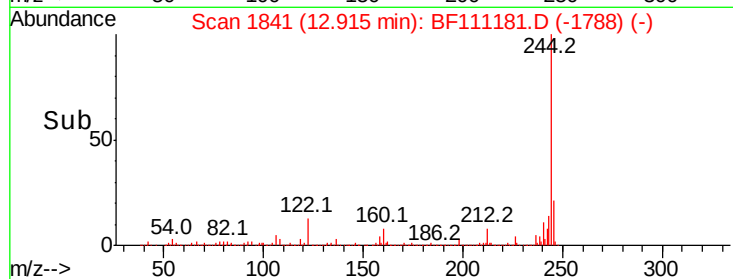
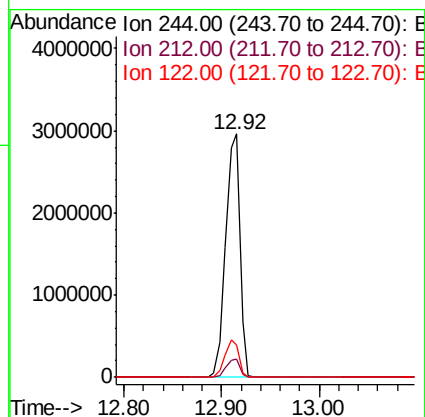
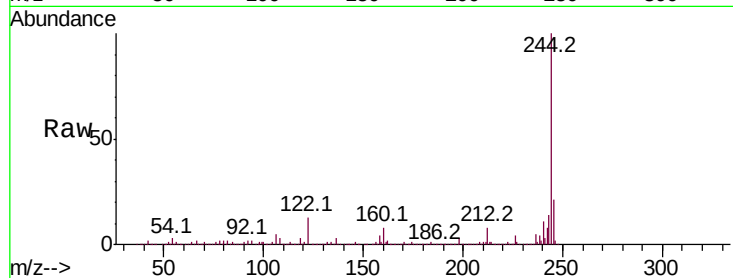
#79
Terphenyl-d14
Concen: 74.893 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	13.4	14.2	21.2#

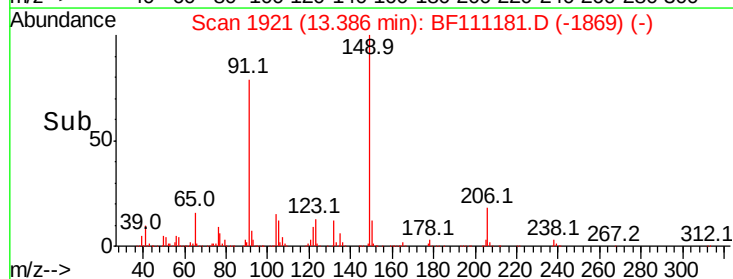
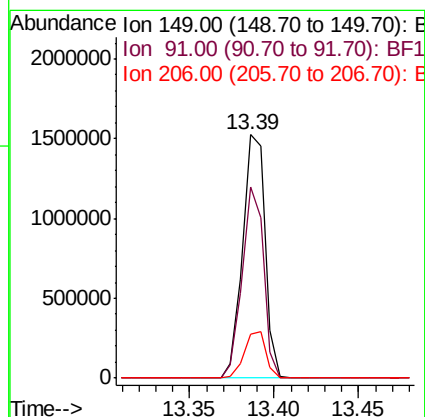
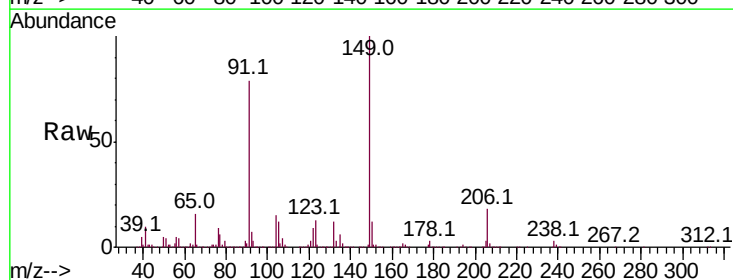
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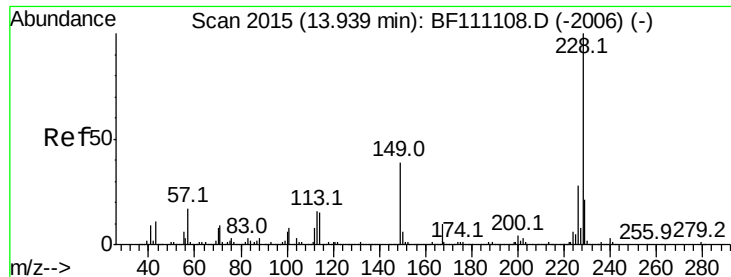
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#80
Butylbenzylphthalate
Concen: 45.711 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.6	64.0	96.0
206	17.8	14.1	21.1





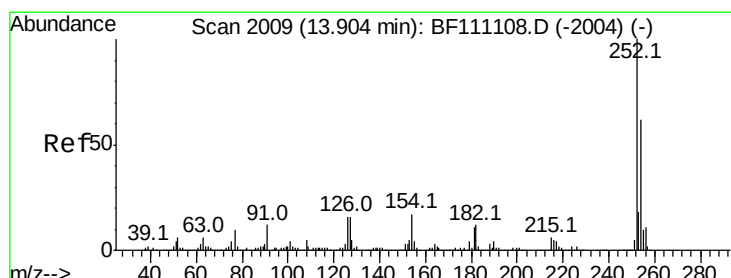
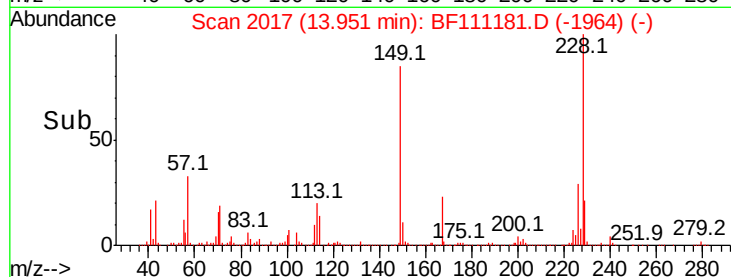
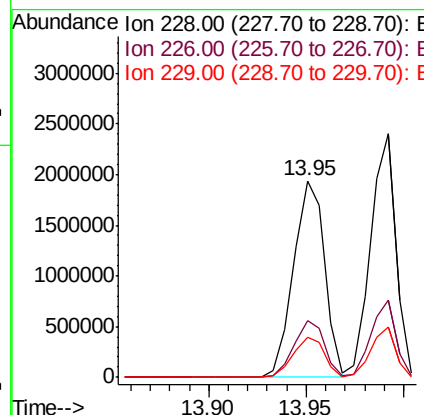
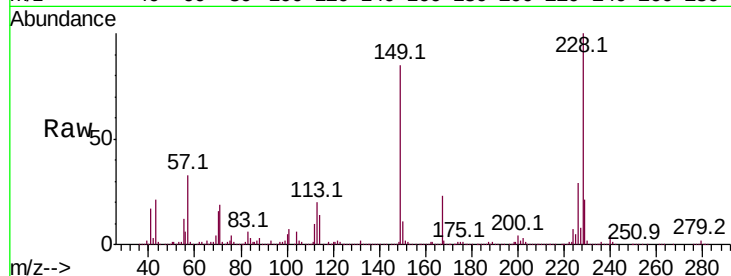
#81
Benzo(a)anthracene
Concen: 44.294 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	20.7	16.7	25.1

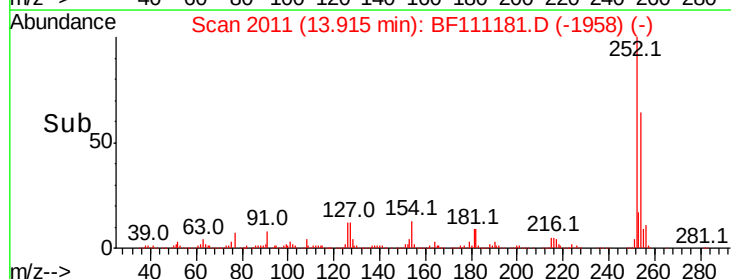
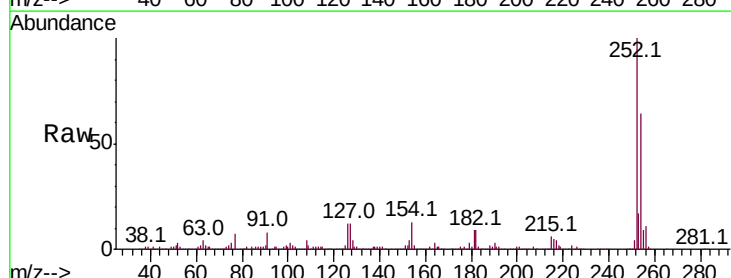
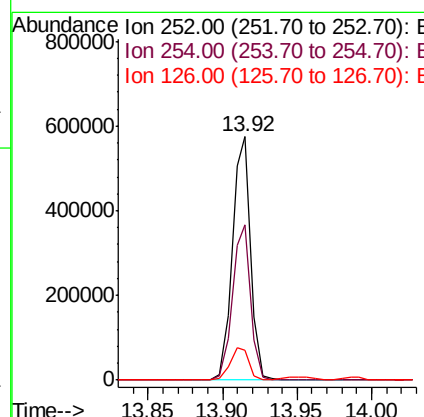
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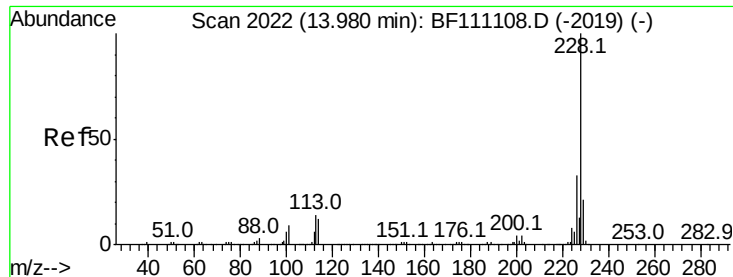
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 27.511 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	49.8	74.8
126	12.1	12.9	19.3#





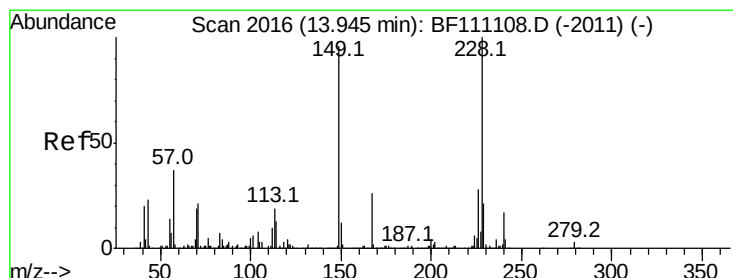
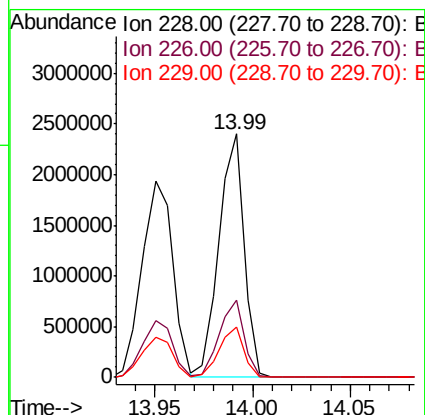
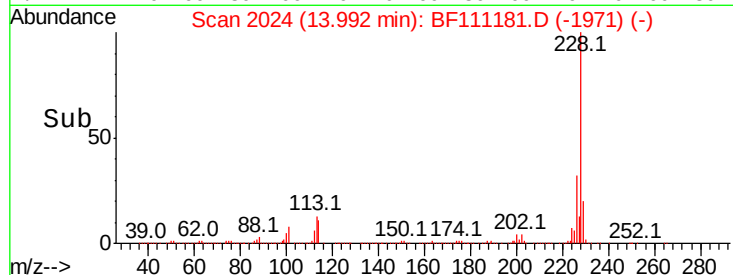
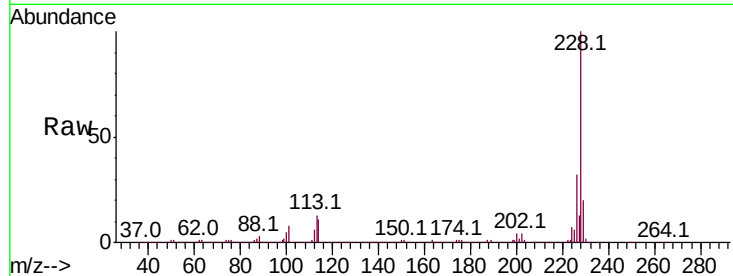
#83
 Chrysene
 Concen: 44.961 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.2
229	20.5	16.9	25.3

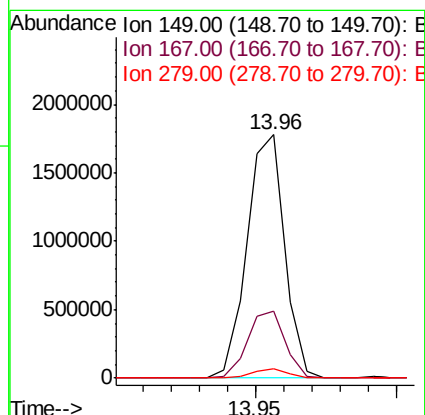
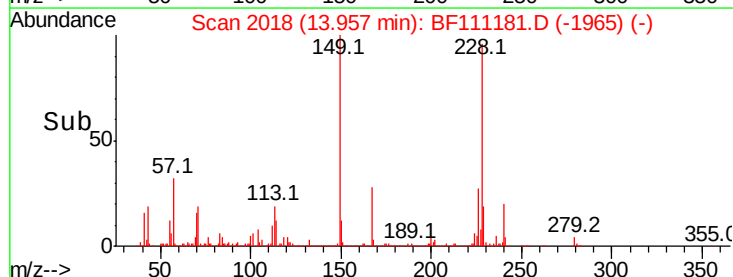
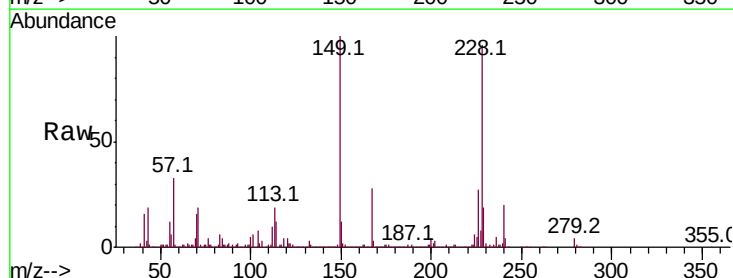
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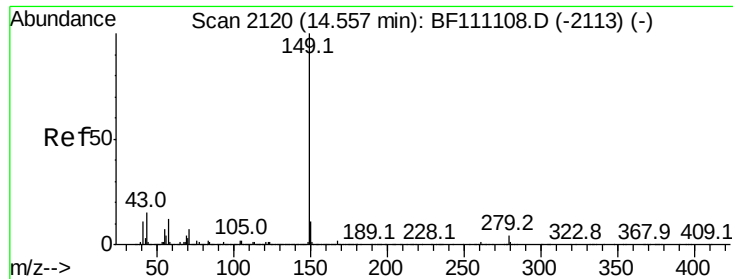
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.903 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111181.D
 Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	3.6	2.3	3.5#





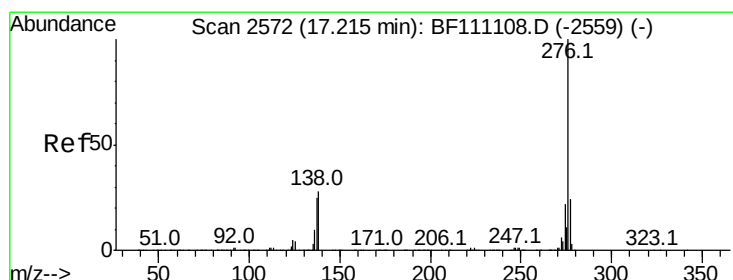
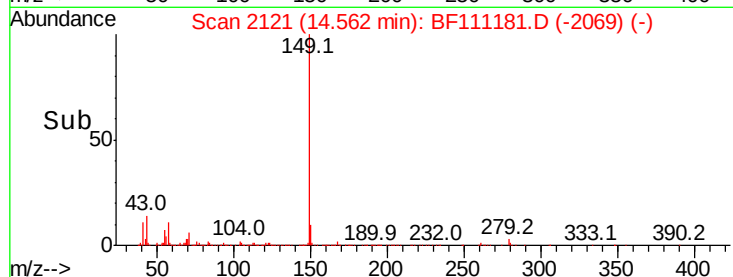
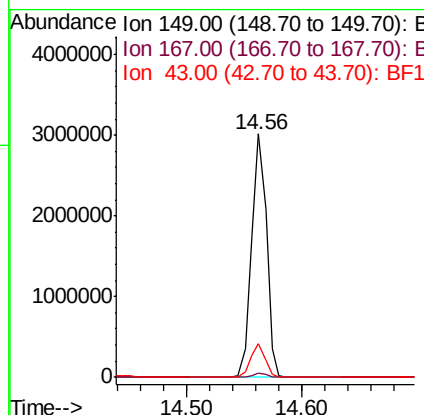
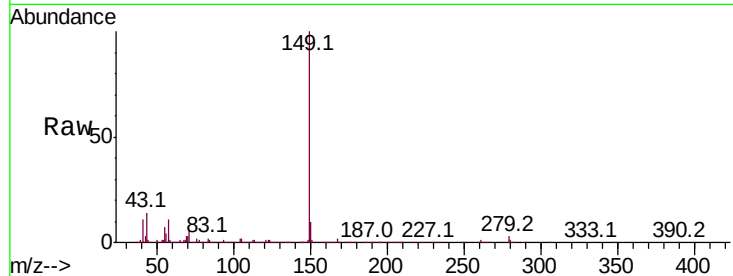
#85
Di-n-octyl phthalate
Concen: 45.663 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.2	11.9	17.9

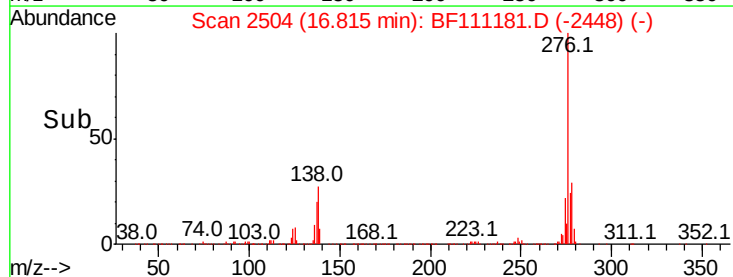
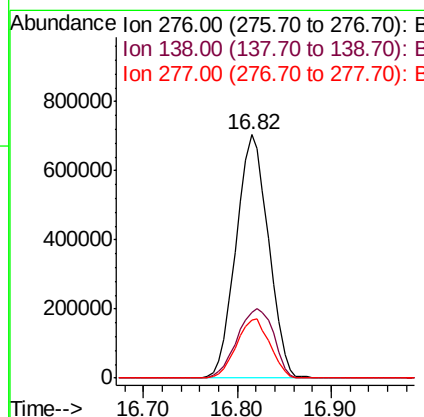
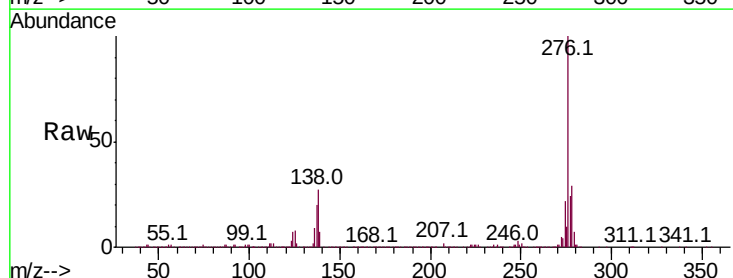
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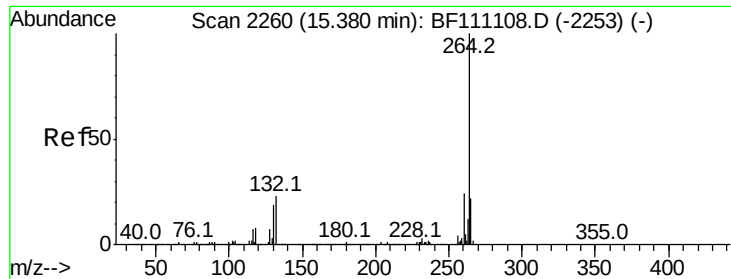
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.915 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	20.2	30.4#
277	25.1	15.8	23.6#





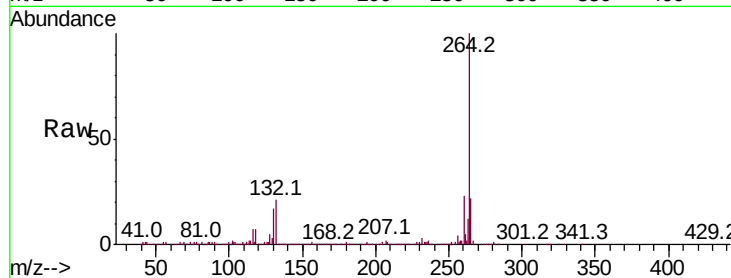
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.7	17.4	26.0

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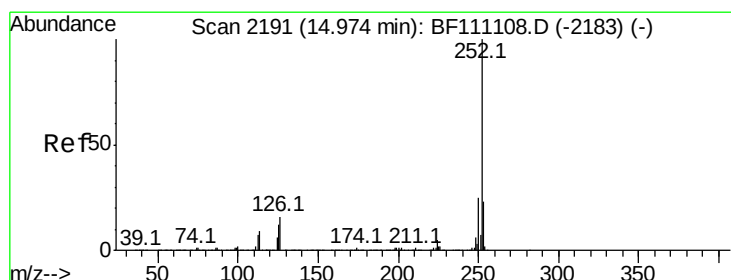
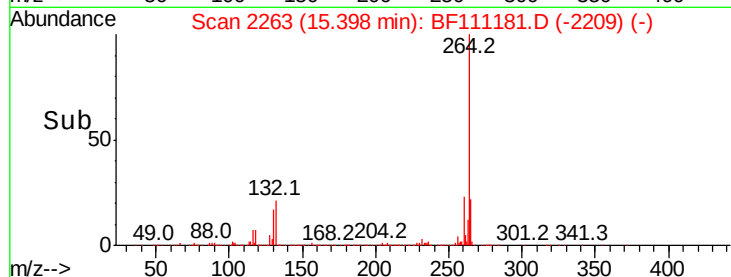
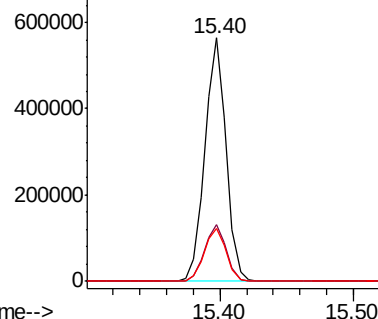


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.930 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

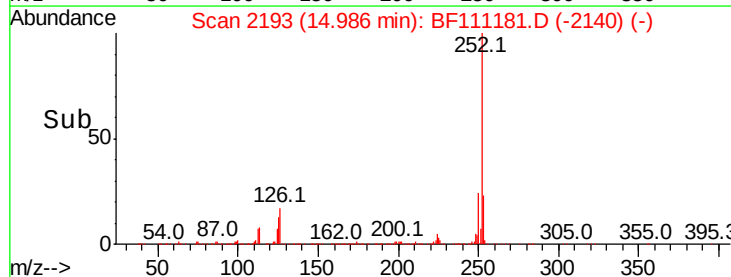
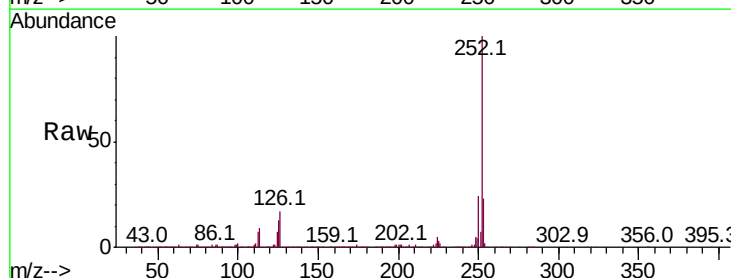
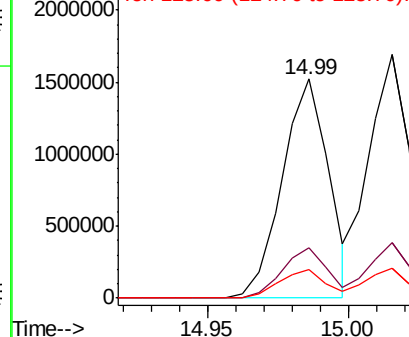
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.0	9.9	14.9

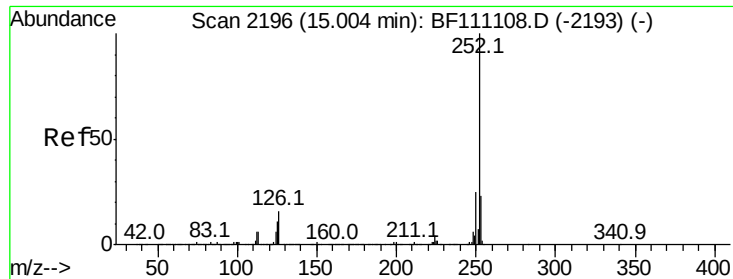
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





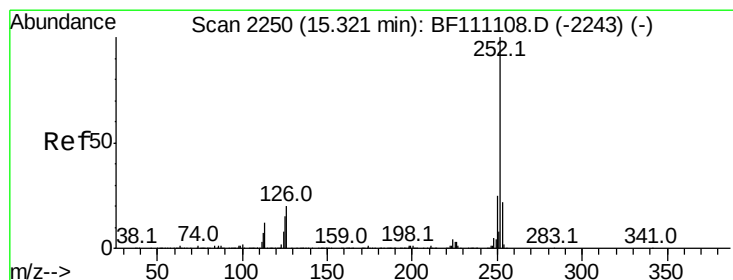
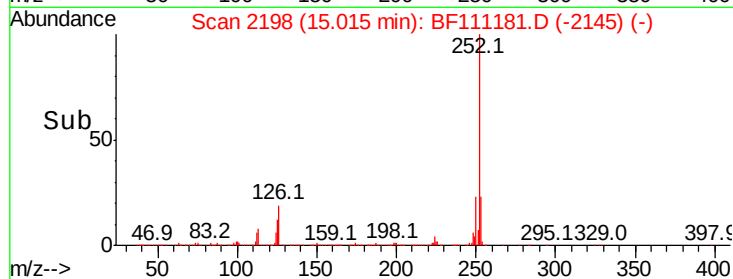
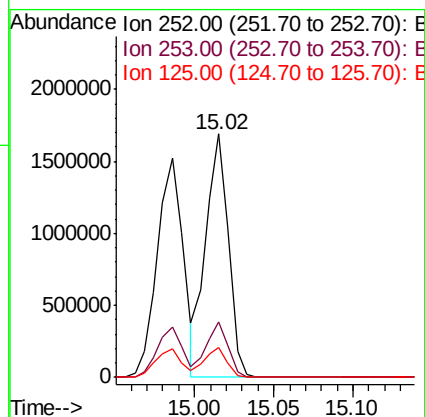
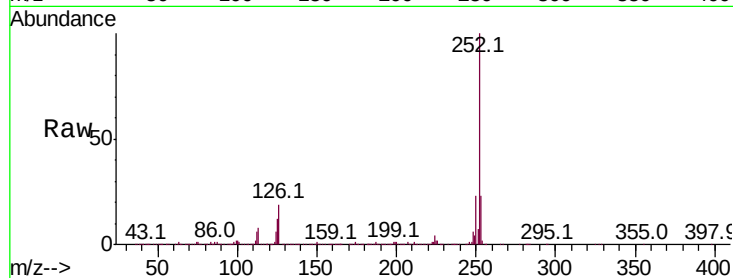
#89
Benzo(k)fluoranthene
Concen: 49.294 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Tot Ion:252 Resp: 1694526
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.4 9.9 14.9

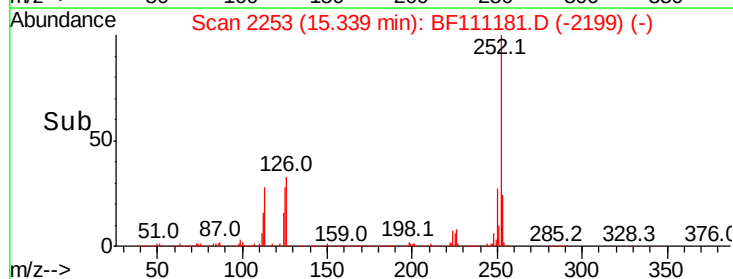
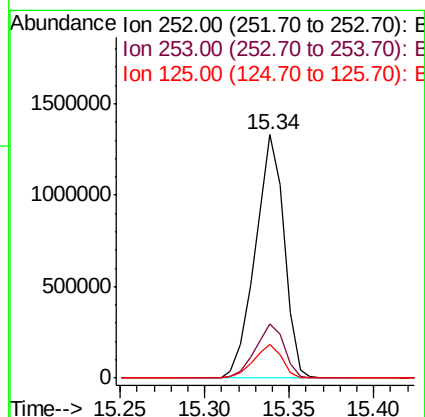
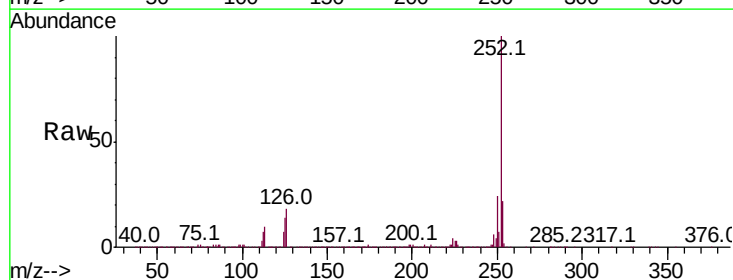
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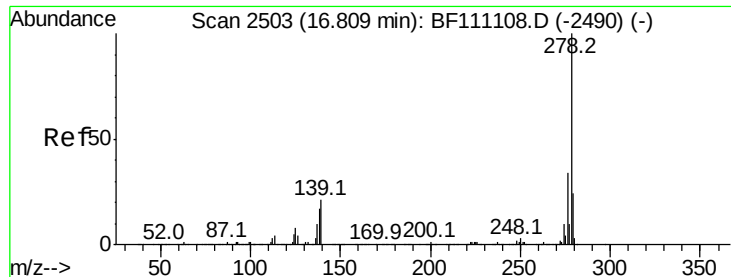
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#90
Benzo(a)pyrene
Concen: 48.614 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion:252 Resp: 1585606
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.9 12.4 18.6





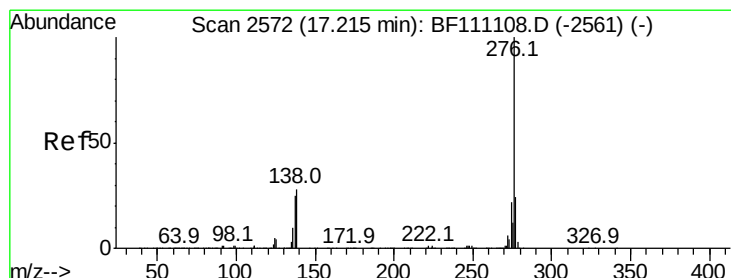
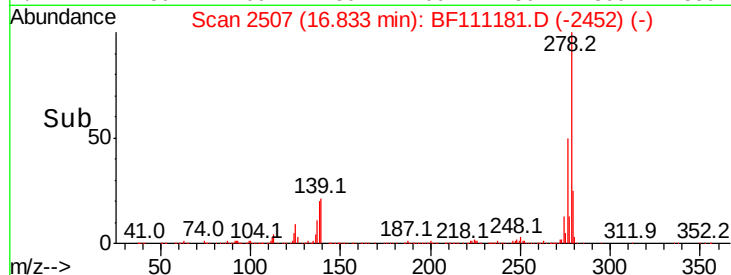
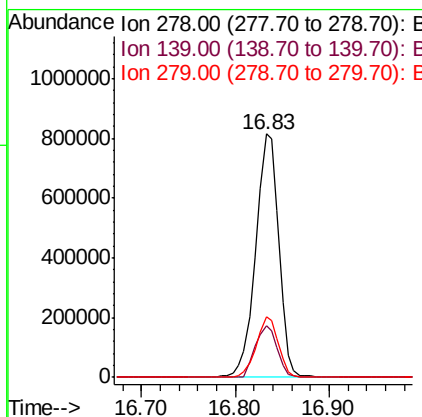
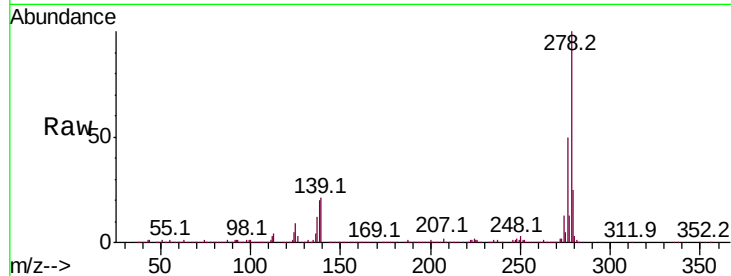
#91
Dibenzo(a,h)anthracene
Concen: 50.752 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Instrument :
BNA_F
ClientSampleID :
PB115300BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	25.0
279	24.9	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 52.573 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111181.D
Acq: 7 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	28.1	22.3	33.5

