

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111183.D
 Acq On : 7 Dec 2018 13:32
 Operator : JU/SJ
 Sample : PB115160BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:41 AM

Quant Time: Dec 10 13:18:22 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	6.80	152	392138	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1564183	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	719953	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1236530	20.00	ng	0.00
76) Chrysene-d12	13.96	240	775920	20.00	ng	0.01
87) Perylene-d12	15.40	264	586854	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2921739	116.27	ng	0.02
7) Phenol-d6	6.44	99	3708077	114.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	1935914	73.27	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	776628	135.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3246277	83.15	ng	0.00
79) Terphenyl-d14	12.91	244	2857197	75.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	484111	33.492	ng	98
3) Pyridine	3.38	79	1323945	41.298	ng	99
4) n-Nitrosodimethylamine	3.32	42	678609	42.993	ng	98
6) Aniline	6.47	93	1385028	32.024	ng	100
8) 2-Chlorophenol	6.60	128	1187994	41.015	ng	98
9) Benzaldehyde	6.35	77	490185	25.170	ng	100
10) Phenol	6.45	94	1442089	40.856	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	1125836	39.026	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1234881	40.087	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1263759	40.766	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1182272	40.998	ng	99
15) Benzyl Alcohol	6.95	79	1036545	40.413	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2225740	39.663	ng	99
17) 2-Methylphenol	7.06	107	982150	41.307	ng	99
18) Hexachloroethane	7.32	117	484711	41.680	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	835359	38.399	ng	98
20) 3+4-Methylphenols	7.21	107	1172892	40.445	ng	97
22) Acetophenone	7.22	105	1573343	41.623	ng	# 92
24) Nitrobenzene	7.39	77	1250377	43.991	ng	99
25) Isophorone	7.63	82	2267238	46.759	ng	100
26) 2-Nitrophenol	7.70	139	606715	50.518	ng	94
27) 2,4-Dimethylphenol	7.75	122	1092062	48.282	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1428671	43.525	ng	99
29) 2,4-Dichlorophenol	7.95	162	969214	43.526	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	973858	43.330	ng	99
31) Naphthalene	8.11	128	3320847	48.762	ng	97
32) Benzoic acid	7.86	122	704458	47.230	ng	96
33) 4-Chloroaniline	8.16	127	797933	24.239	ng	95
34) Hexachlorobutadiene	8.23	225	521588	42.703	ng	98
35) Caprolactam	8.52	113	323305m	39.544	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1036303	42.488	ng	98
37) 2-Methylnaphthalene	8.80	142	2240831	47.701	ng	99
38) 1-Methylnaphthalene	8.90	142	2139746	47.377	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	798252	41.601	ng	99

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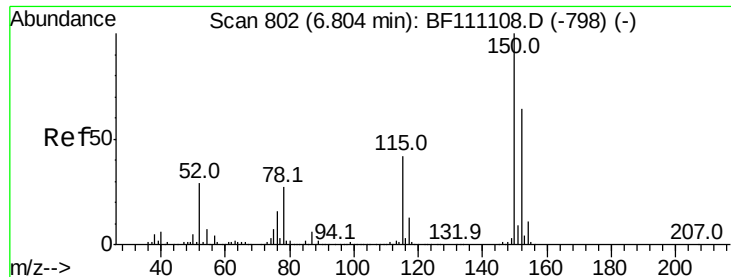
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1063296	105.092	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	647074	46.173	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	656165	46.188	ng	99
46) 1,1'-Biphenyl	9.27	154	2500604	42.428	ng	97
47) 2-Chloronaphthalene	9.29	162	1976648	43.160	ng	98
48) 2-Nitroaniline	9.38	65	676790	45.600	ng	99
49) Acenaphthylene	9.71	152	3122611	48.778	ng	97
50) Dimethylphthalate	9.57	163	2248593	44.877	ng	100
51) 2,6-Dinitrotoluene	9.62	165	515231	48.501	ng	89
52) Acenaphthene	9.88	154	2023013	47.835	ng	100
53) 3-Nitroaniline	9.79	138	422017	31.626	ng	98
54) 2,4-Dinitrophenol	9.90	184	382054	110.739	ng	# 69
55) Dibenzofuran	10.05	168	2694740	46.261	ng	97
56) 4-Nitrophenol	9.95	139	893739	88.880	ng	96
57) 2,4-Dinitrotoluene	10.03	165	686476	50.035	ng	98
58) Fluorene	10.39	166	2008244	48.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	530184	50.003	ng	94
60) Diethylphthalate	10.27	149	2203453	44.004	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	901010	44.508	ng	96
62) 4-Nitroaniline	10.40	138	562294	46.689	ng	99
63) Azobenzene	10.55	77	2281824	42.802	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	266557	52.179	ng	100
66) n-Nitrosodiphenylamine	10.50	169	1835753	42.398	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	564114	43.097	ng	95
68) Hexachlorobenzene	10.95	284	587583	43.901	ng	98
69) Atrazine	11.03	200	575823	49.960	ng	98
70) Pentachlorophenol	11.13	266	675053	76.696	ng	97
71) Phenanthrene	11.35	178	2822177	47.448	ng	98
72) Anthracene	11.40	178	2909442	48.527	ng	98
73) Carbazole	11.56	167	2691913	43.150	ng	98
74) Di-n-butylphthalate	11.89	149	3220761	44.104	ng	99
75) Fluoranthene	12.54	202	2777031	47.714	ng	98
77) Benzidine	12.66	184	1314826	50.815	ng	98
78) Pyrene	12.77	202	2793116	46.205	ng	98
80) Butylbenzylphthalate	13.39	149	1350883	46.259	ng	91
81) Benzo(a)anthracene	13.95	228	2041979	44.917	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	465047	27.106	ng	# 96
83) Chrysene	13.99	228	2024349	44.855	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1554197	44.062	ng	# 98
85) Di-n-octyl phthalate	14.56	149	2510131	45.268	ng	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1567205	43.250	ng	# 87
88) Benzo(b)fluoranthene	14.99	252	1642011	49.378	ng	99
89) Benzo(k)fluoranthene	15.02	252	1569103	48.810	ng	98
90) Benzo(a)pyrene	15.34	252	1472748	48.284	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	1306684	51.050	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1344381	52.266	ng	99

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



#1

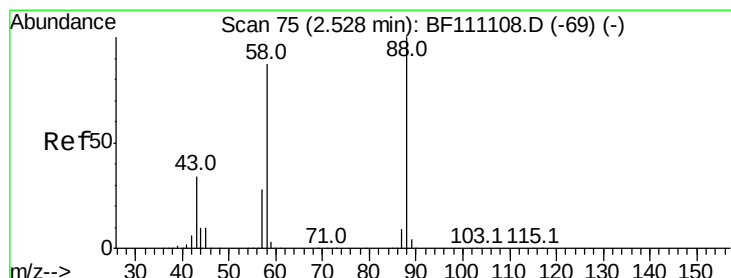
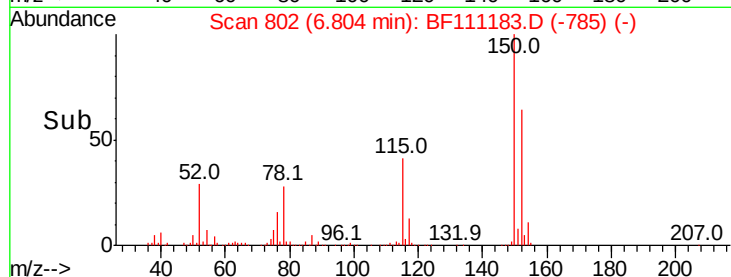
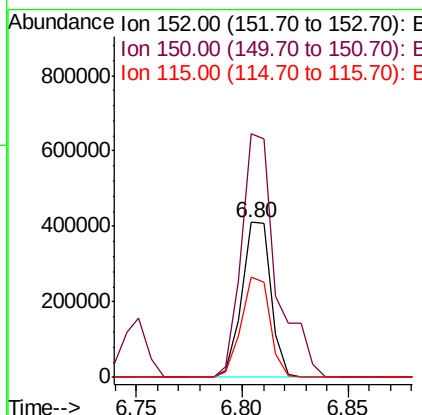
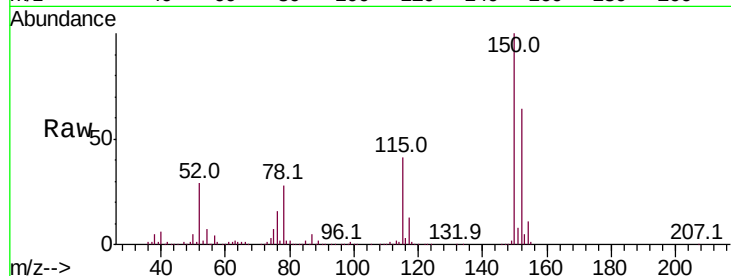
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	187.0
115	64.4	52.2	78.2

Manual Integrations
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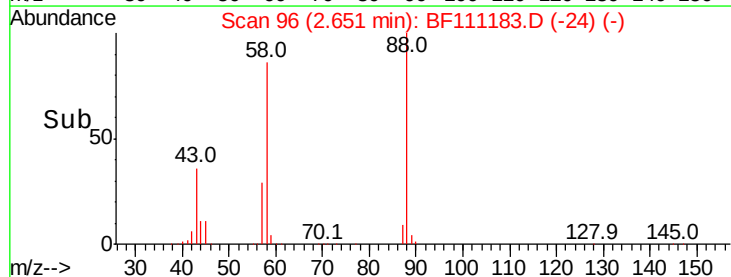
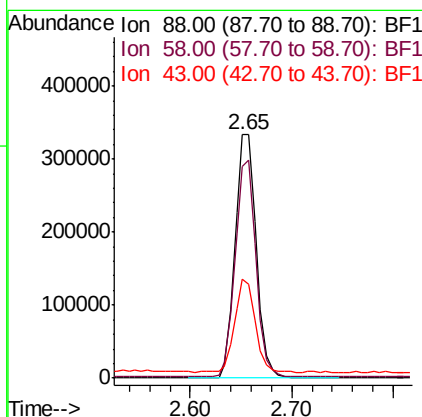
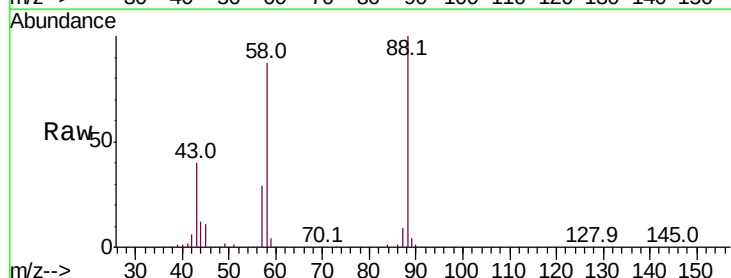
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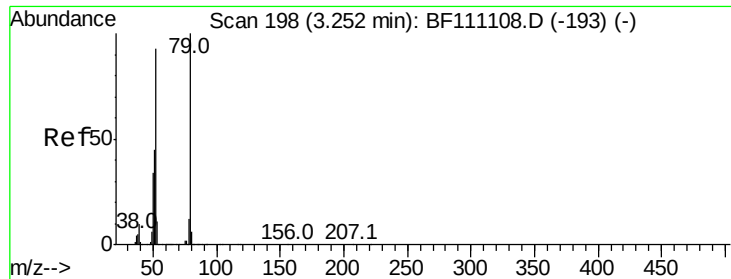


#2

1,4-Dioxane
Concen: 33.492 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.12 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	70.8	106.2
43	36.5	28.3	42.5





#3

Pvridine

Concen: 41.298 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.13 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion: 79 Resp: 1323945

Ion Ratio Lower Upper

79 100

52 92.1 74.7 112.1

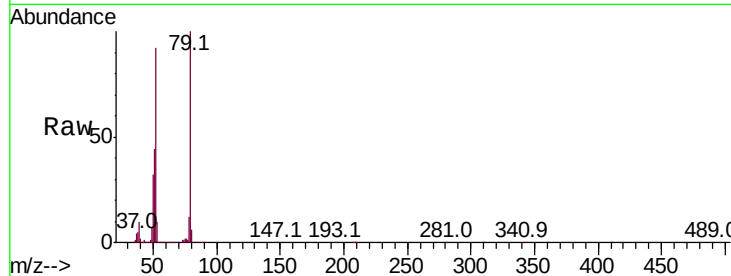
51 44.2 35.9 53.9

Manual Integrations

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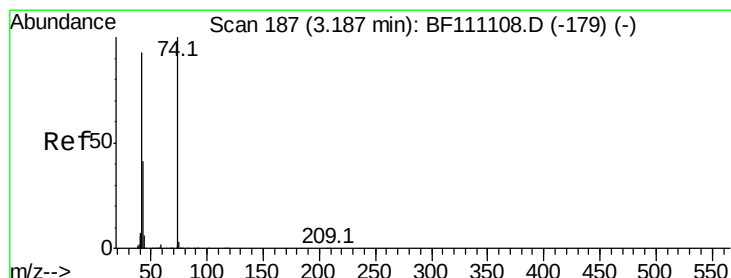
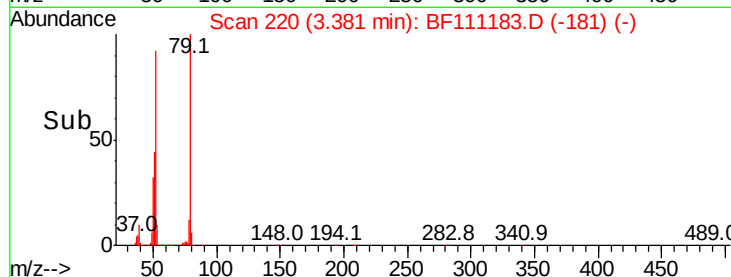
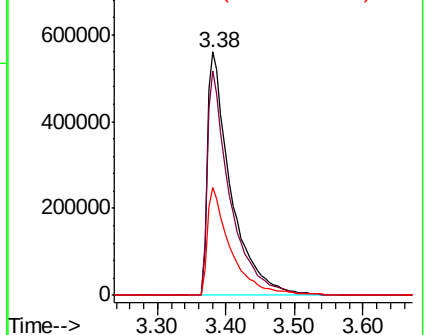
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.993 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.13 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

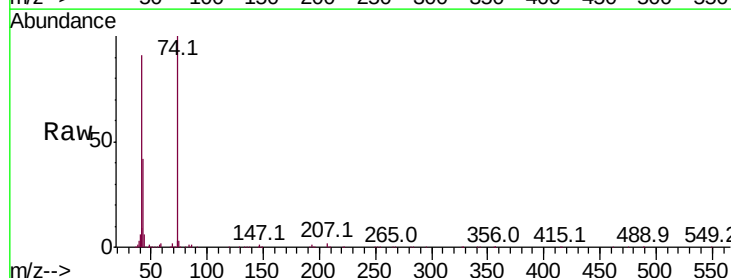
Tgt Ion: 42 Resp: 678609

Ion Ratio Lower Upper

42 100

74 109.5 86.2 129.2

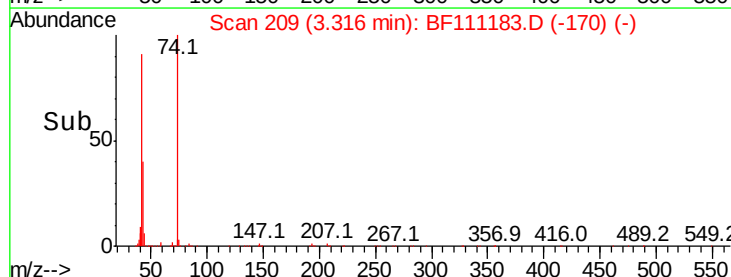
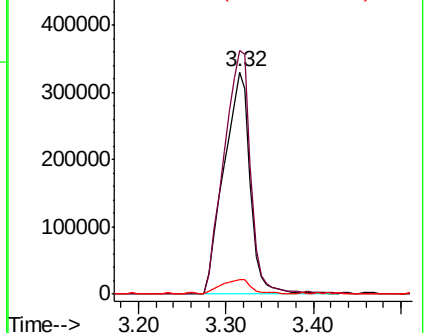
44 6.8 5.7 8.5

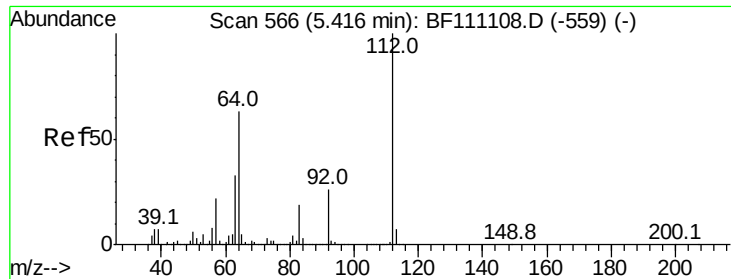


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.266 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion:112 Resp: 2921739

Ion Ratio Lower Upper

112 100

64 62.9 50.2 75.4

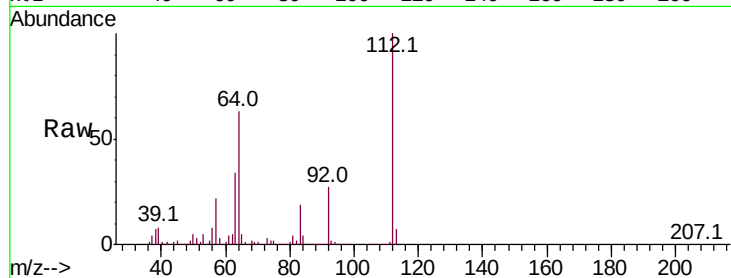
63 33.8 26.6 39.8

Manual Integrations

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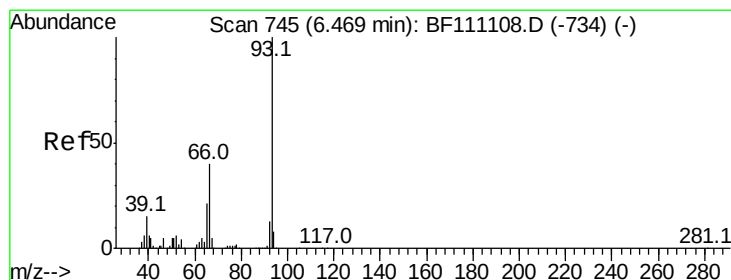
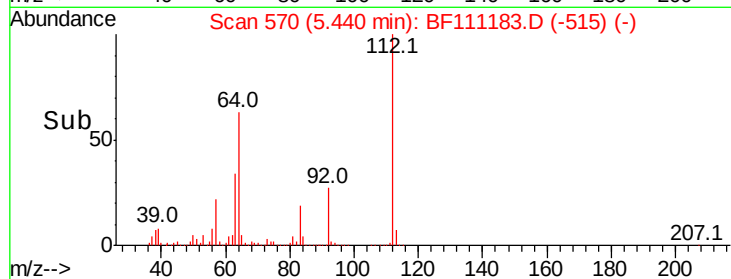
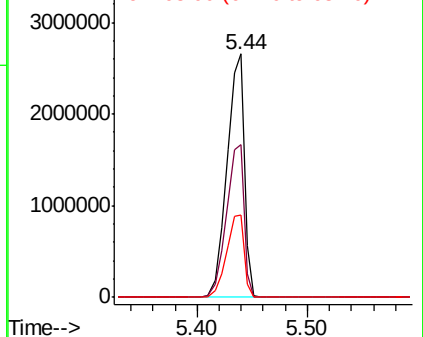
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.024 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

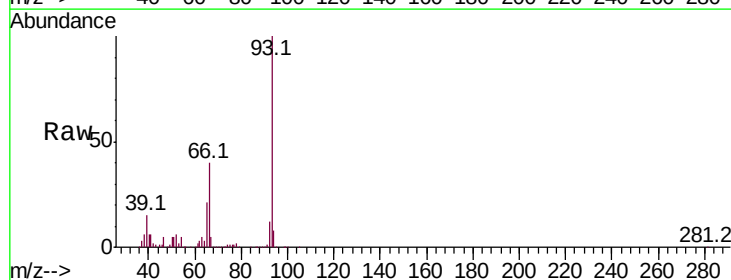
Tgt Ion: 93 Resp: 1385028

Ion Ratio Lower Upper

93 100

66 40.1 31.8 47.8

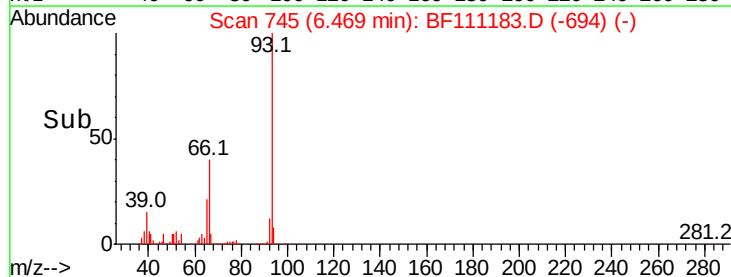
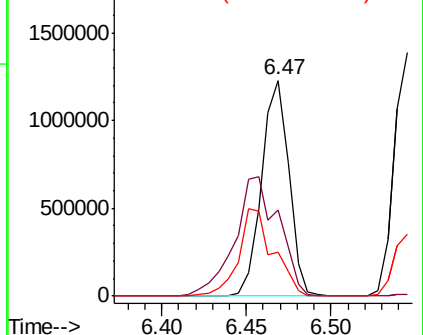
65 20.6 16.6 24.8

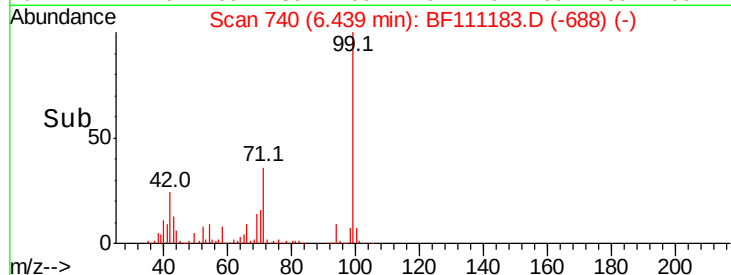
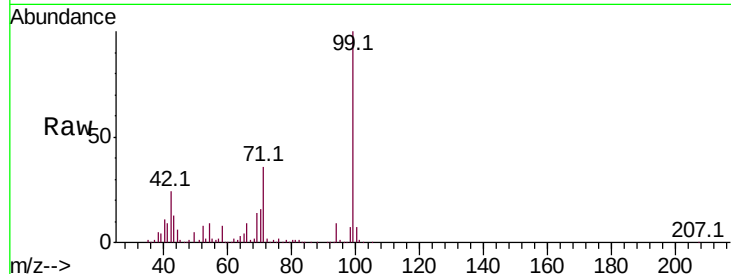
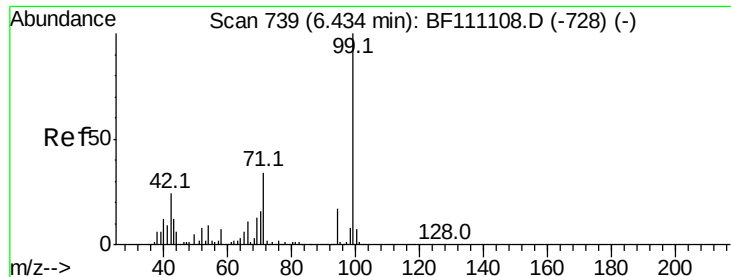


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.548 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tot Ion: 99 Resp: 3708077

Ion Ratio Lower Upper

99 100

42 24.2 19.3 28.9

71 35.6 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

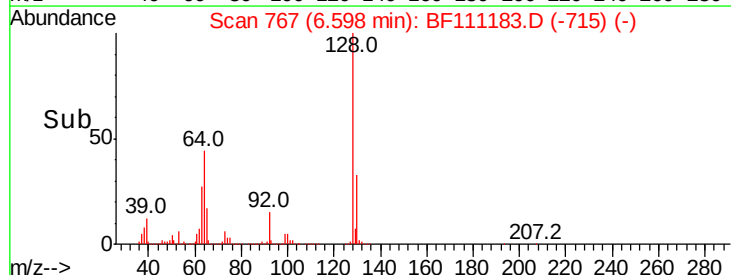
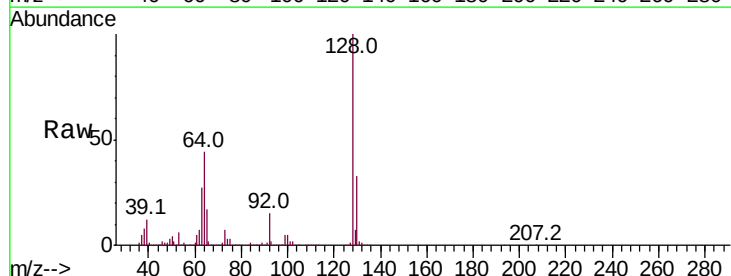
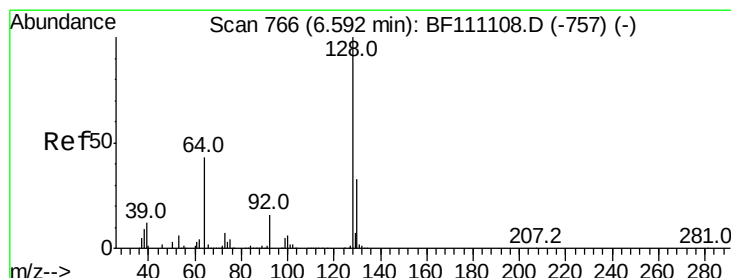
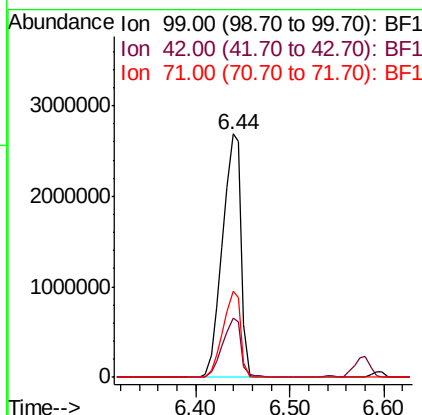
PB115160BS

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#8

2-Chlorophenol

Concen: 41.015 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

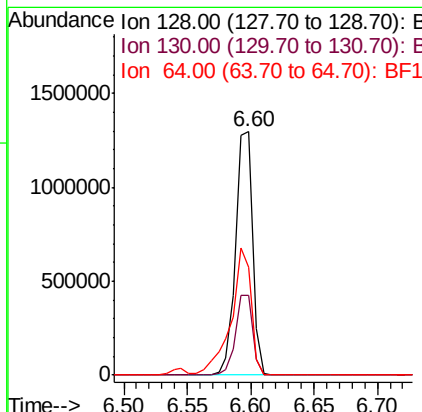
Tgt Ion:128 Resp: 1187994

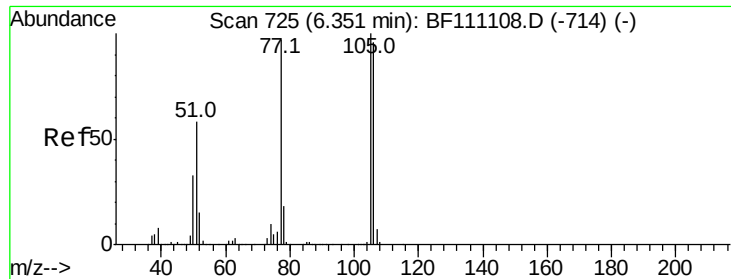
Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

64 44.2 26.6 66.6





#9

Benzaldehyde

Concen: 25.170 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

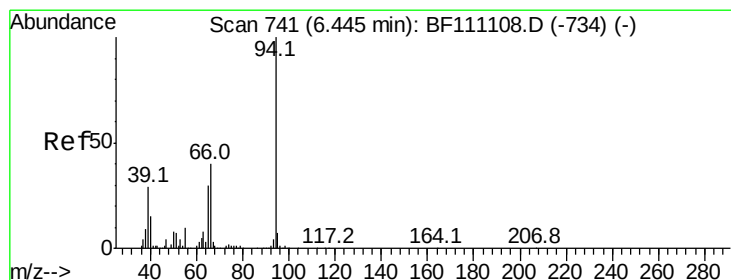
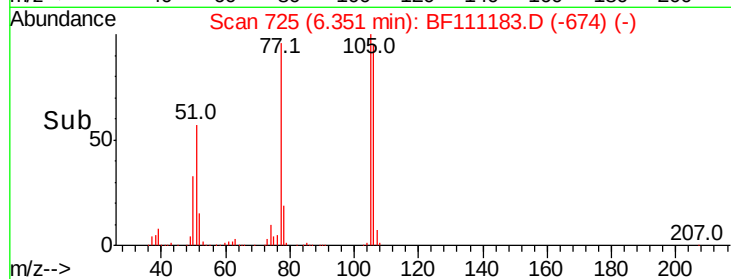
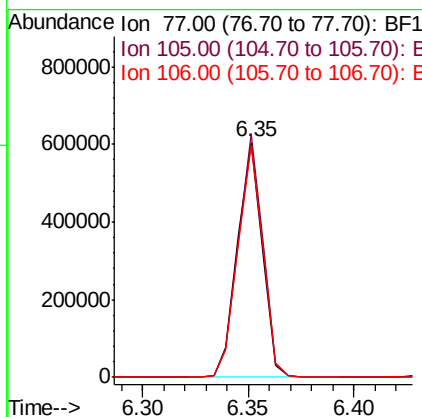
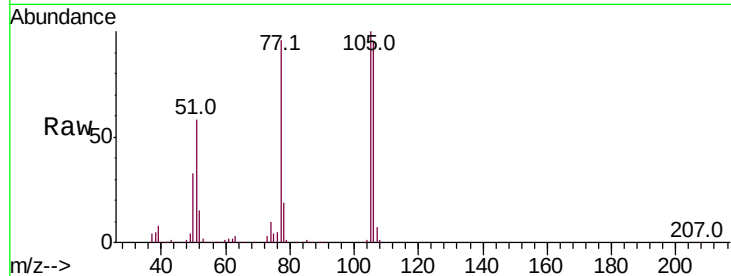
ClientSampleId :

PB115160BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.1	123.1
106	98.6	79.0	119.0

Manual Integrations
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#10

Phenol

Concen: 40.856 ng

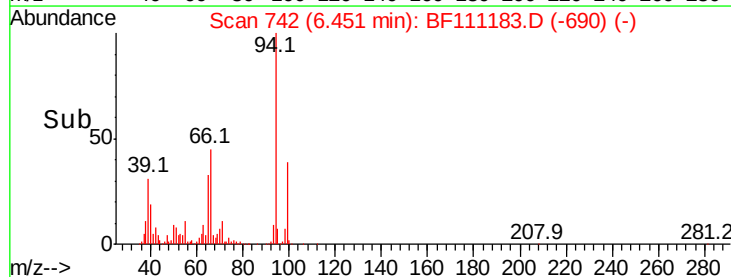
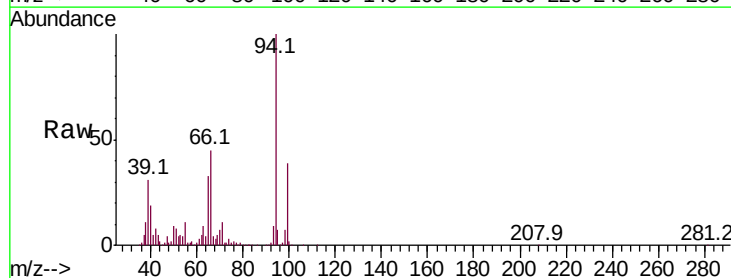
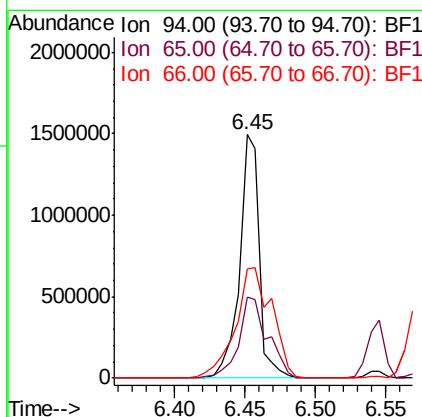
RT: 6.45 min Scan# 742

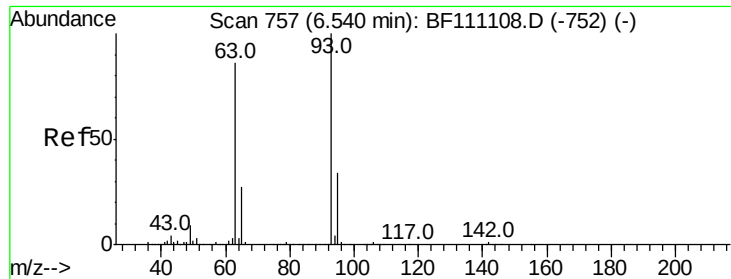
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	10.5	50.5
66	44.7	19.8	59.8





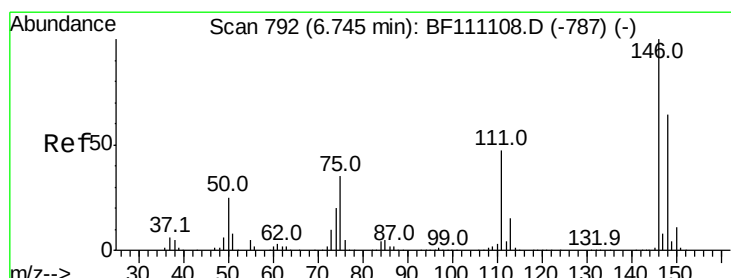
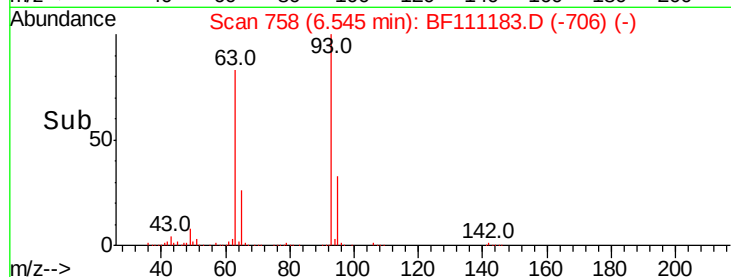
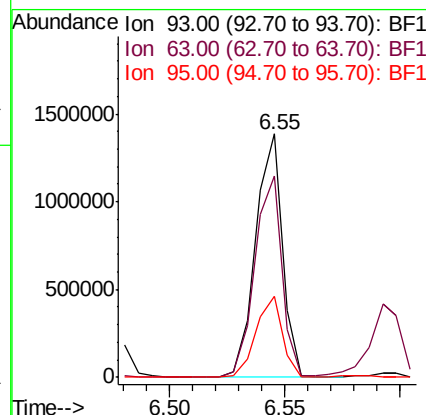
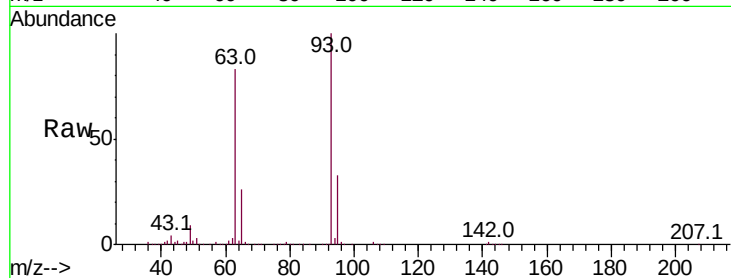
#11
bis(2-Chloroethyl)ether
Concen: 39.026 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion: 93 Resp: 1125836
Ion Ratio Lower Upper
93 100
63 82.5 66.0 106.0
95 33.2 14.3 54.3

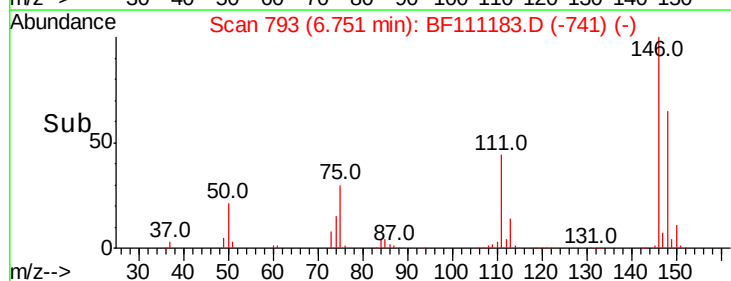
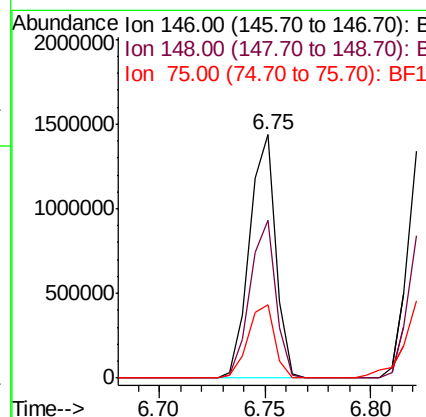
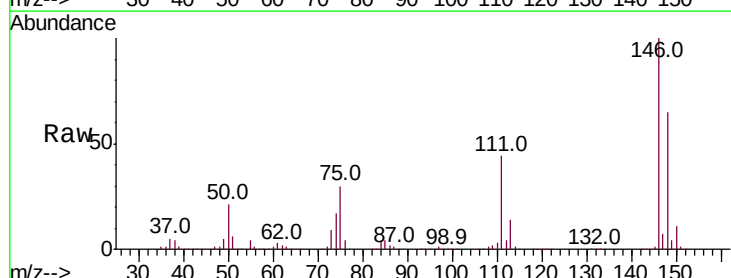
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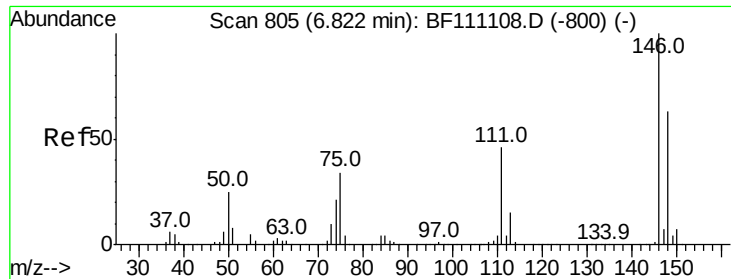
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.087 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion: 146 Resp: 1234881
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 30.2 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 40.766 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion:146 Resp: 1263759

Ion Ratio Lower Upper

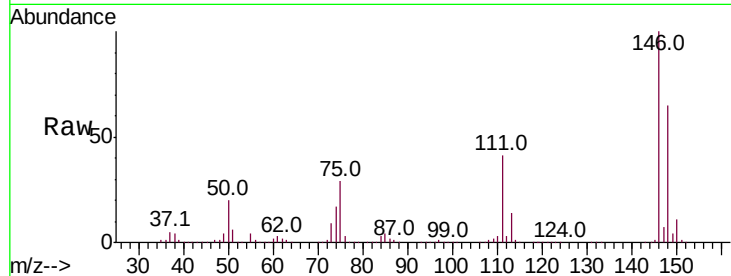
146 100

148 65.2 50.3 75.5

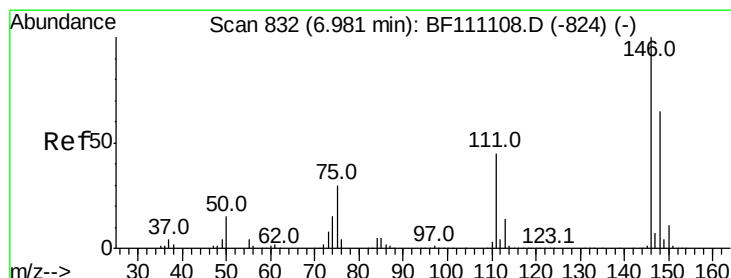
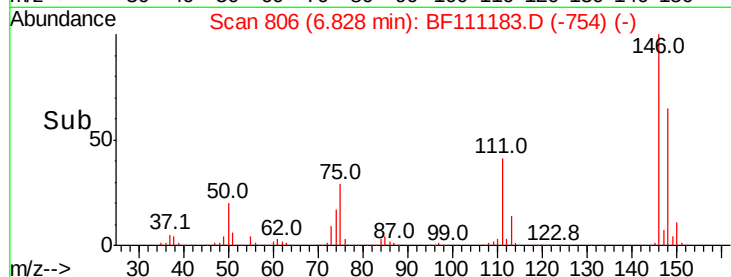
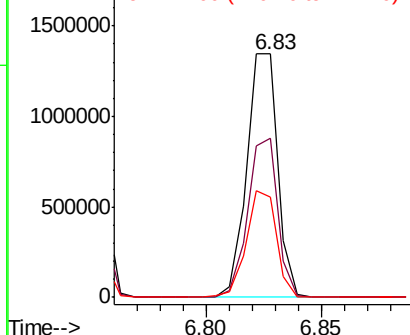
111 41.3 36.6 55.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.998 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

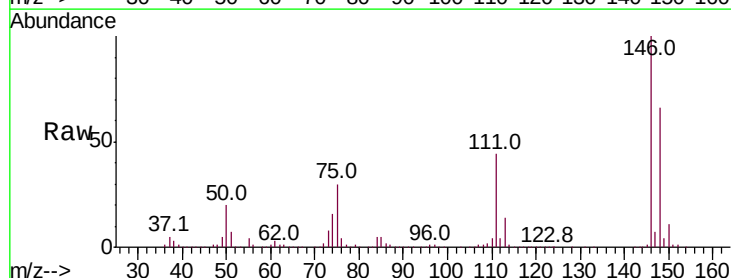
Tgt Ion:146 Resp: 1182272

Ion Ratio Lower Upper

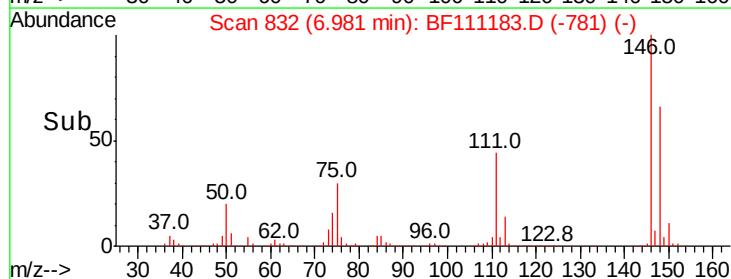
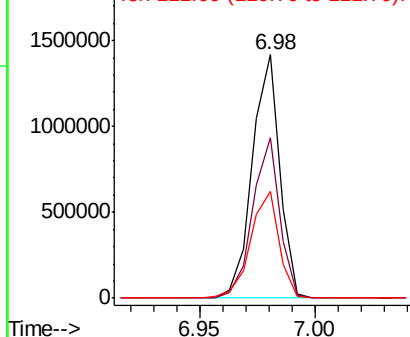
146 100

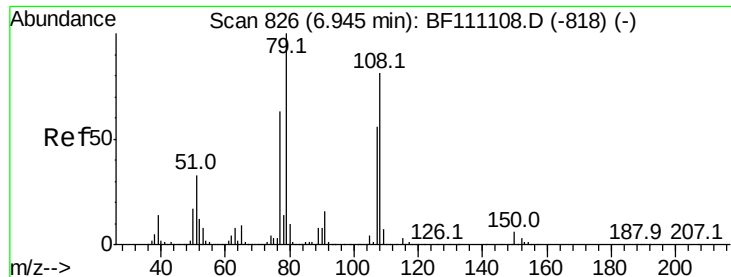
148 65.7 51.8 77.6

111 44.0 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.413 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampled :

PB115160BS

Tot Ion: 79 Resp: 1036545

Ion Ratio Lower Upper

79 100

108 80.7 64.5 96.7

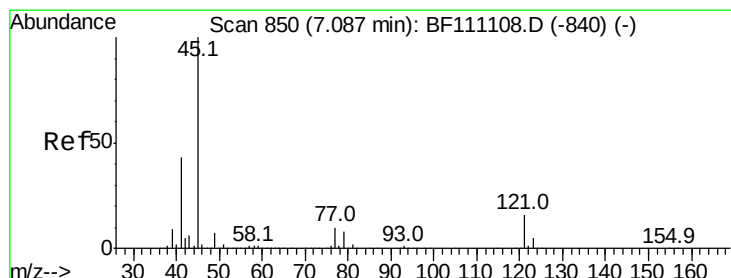
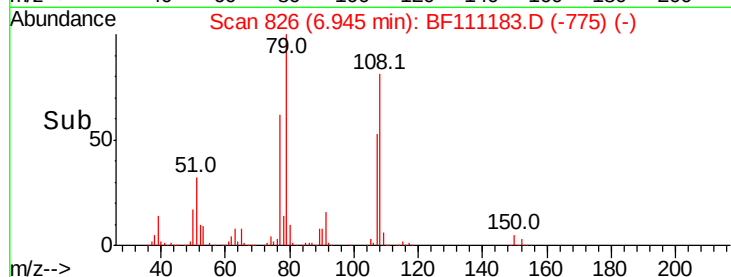
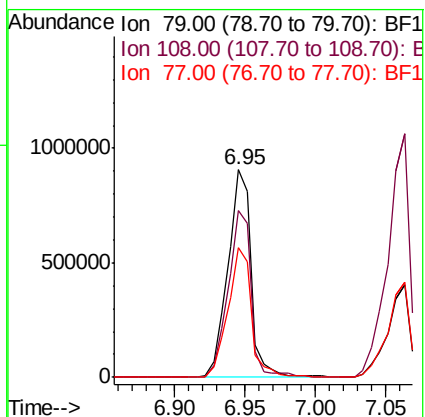
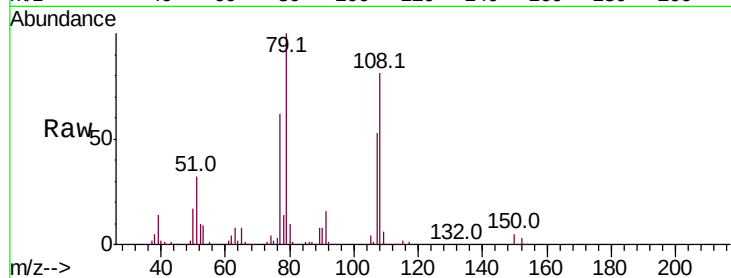
77 62.4 50.5 75.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.663 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

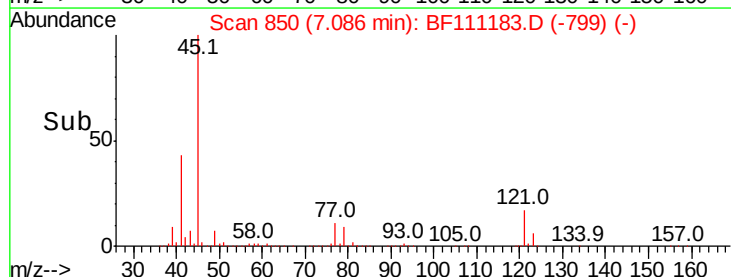
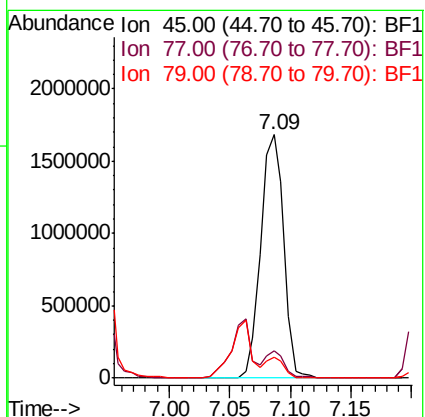
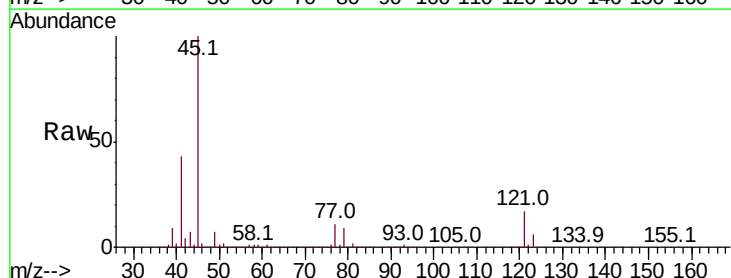
Tgt Ion: 45 Resp: 2225740

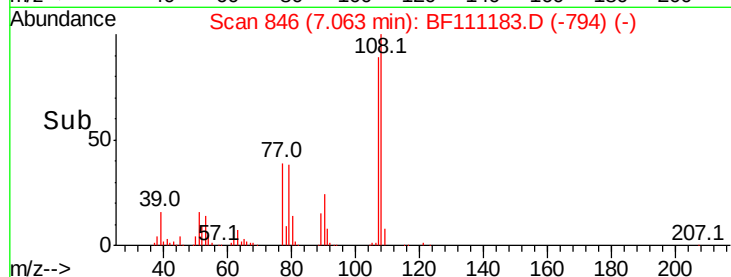
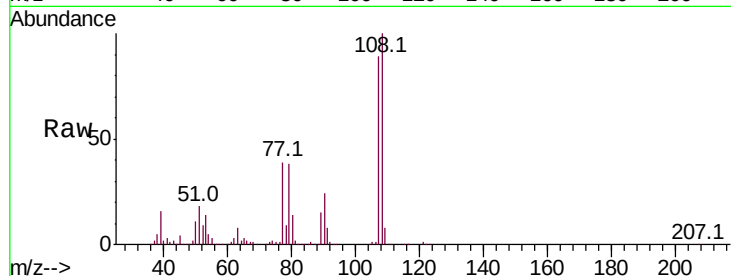
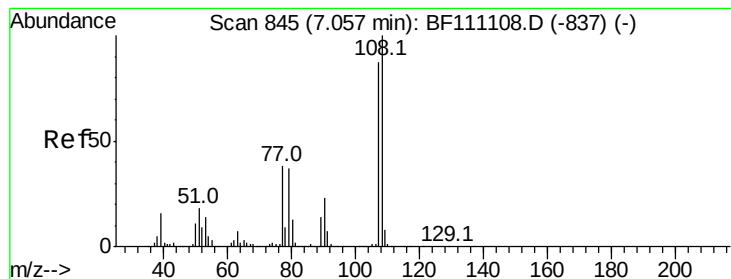
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.6

79 8.6 0.0 28.4





#17

2-Methylphenol

Concen: 41.307 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.8	137.8	
77	43.9	34.7	52.1	
79	43.0	34.2	51.2	

Instrument :

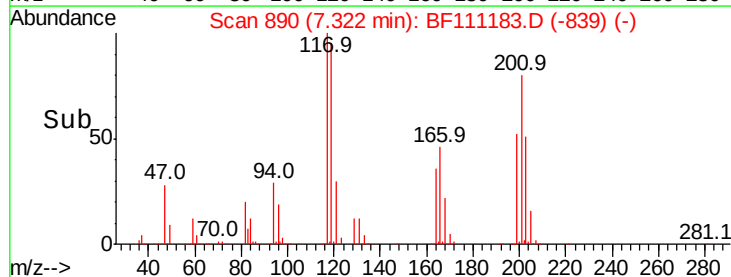
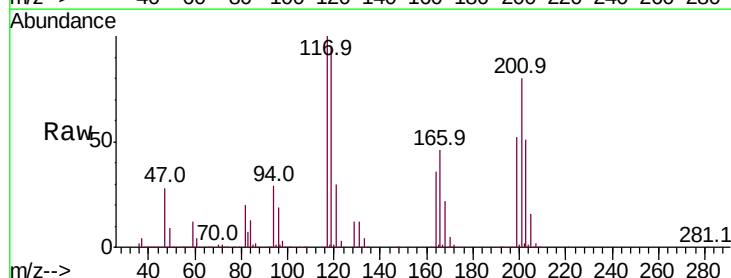
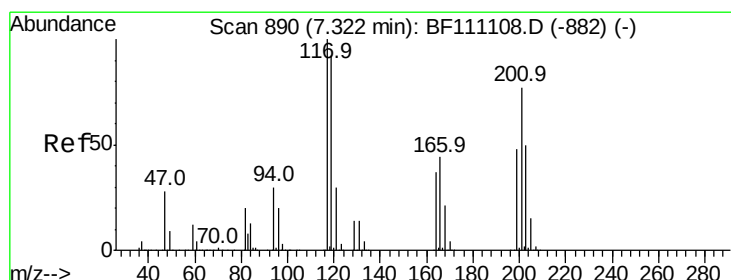
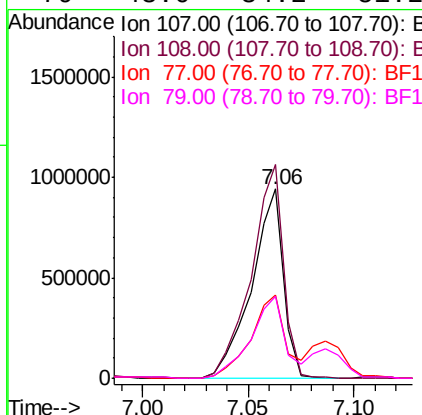
BNA_F

ClientSampleId :

PB115160BS

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#18

Hexachloroethane

Concen: 41.680 ng

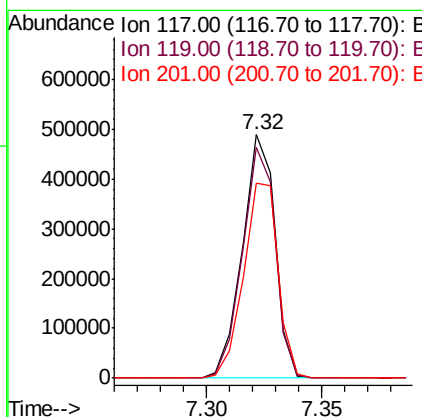
RT: 7.32 min Scan# 890

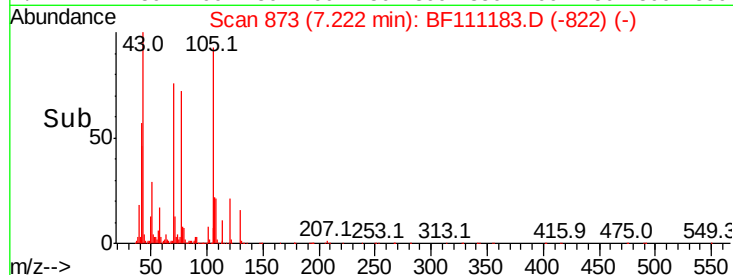
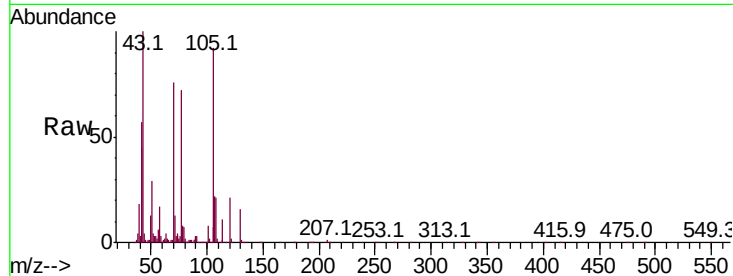
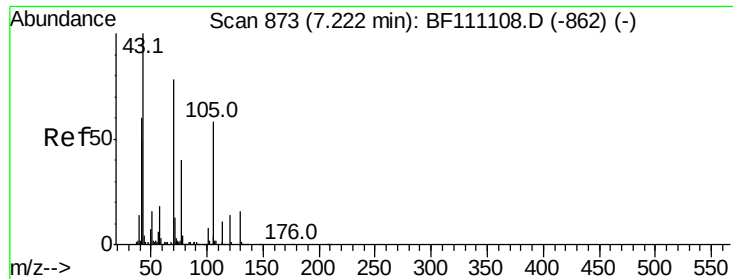
Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	73.8	110.6	
201	80.3	61.2	91.8	





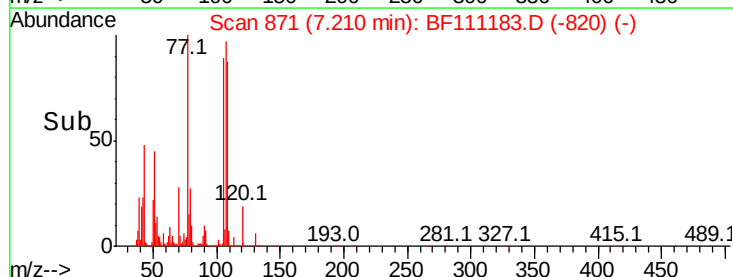
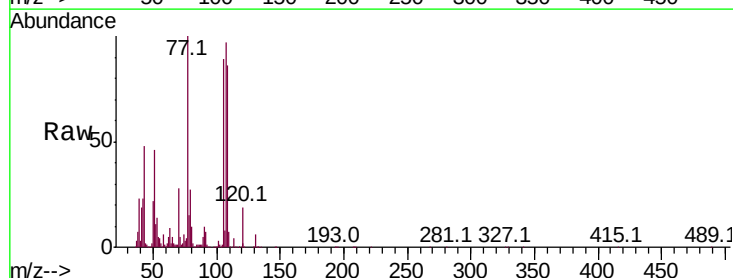
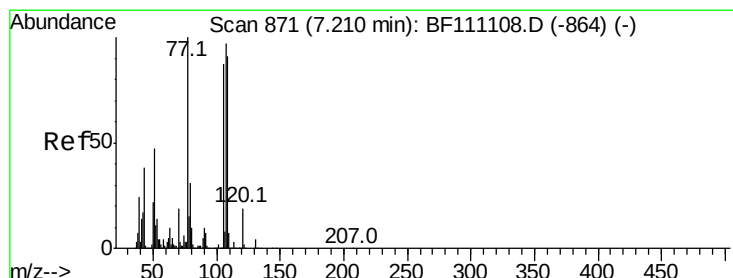
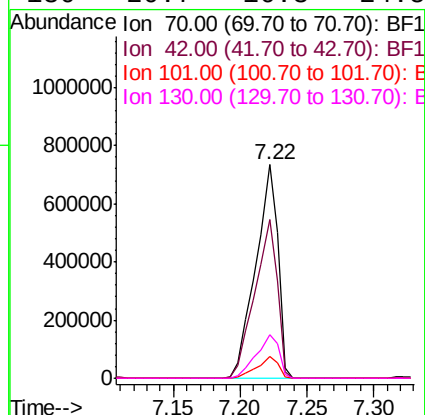
#19
n-Nitroso-di-n-propylamine
Concen: 38.399 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

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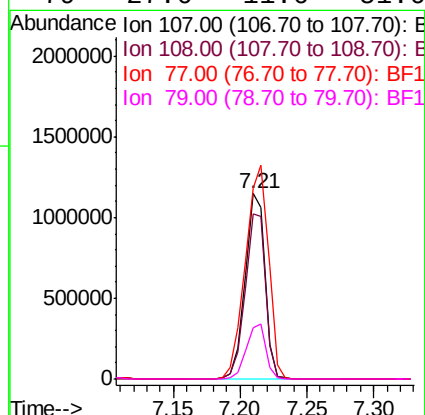
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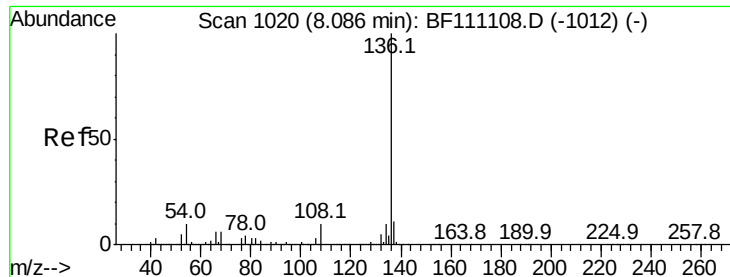
Tot Ion	70	Resp	835359
Ion Ratio	Lower	Upper	
70	100		
42	74.6	61.3	91.9
101	10.0	7.7	11.5
130	20.7	16.3	24.5



#20
3+4-Methylphenols
Concen: 40.445 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	107	Resp	1172892
Ion Ratio	Lower	Upper	
107	100		
108	89.0	74.0	114.0
77	102.9	83.2	123.2
79	27.6	11.6	51.6





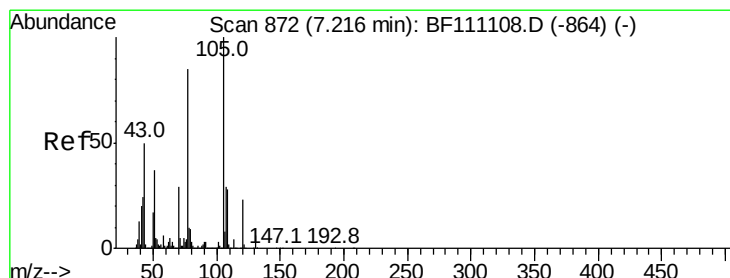
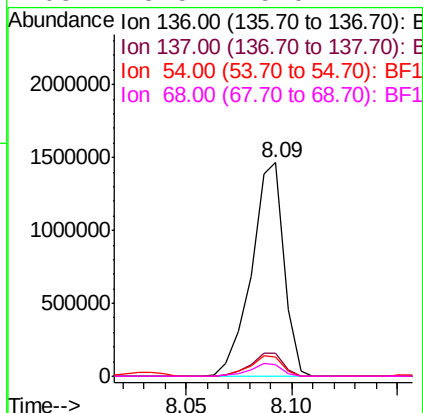
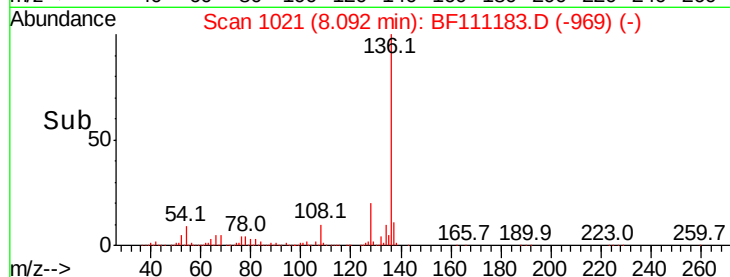
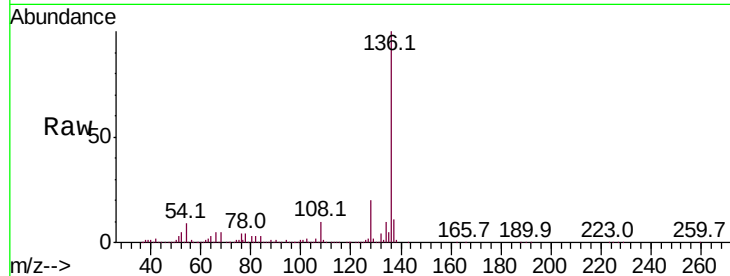
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	136	137	54	68
Ratio	100	11.1	9.0	5.5
Lower		9.0	8.4	5.0
Upper		13.6	12.6	7.4

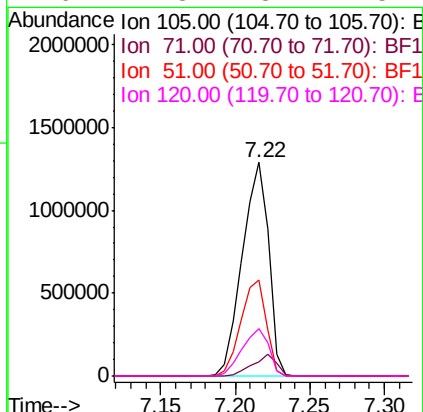
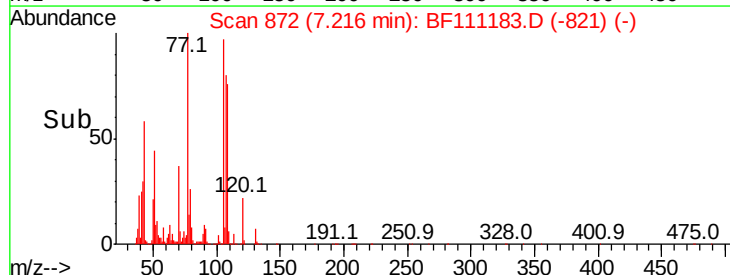
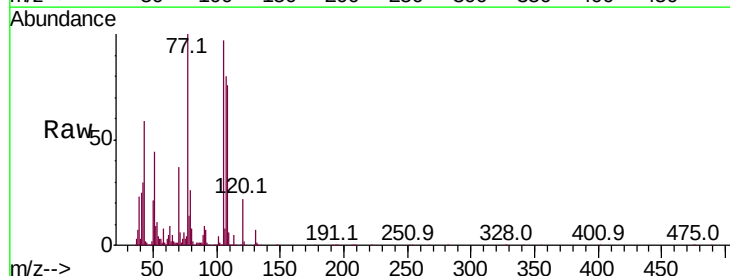
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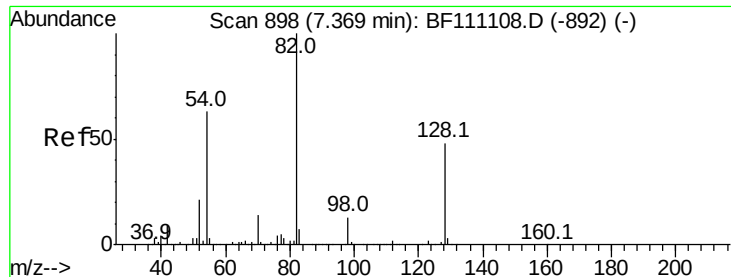
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#22
Acetophenone
Concen: 41.623 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	105	71	51	120
Ratio	100	6.4	44.9	22.3
Lower		4.0	29.8	18.7
Upper		6.0#	44.8#	28.1





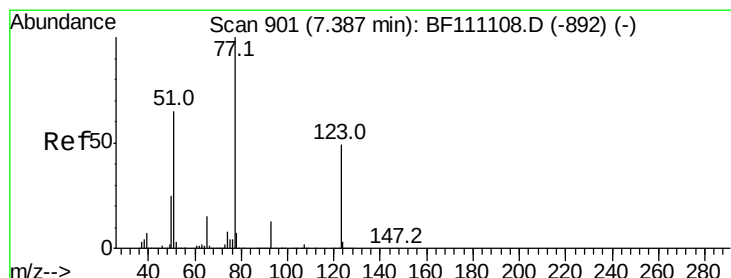
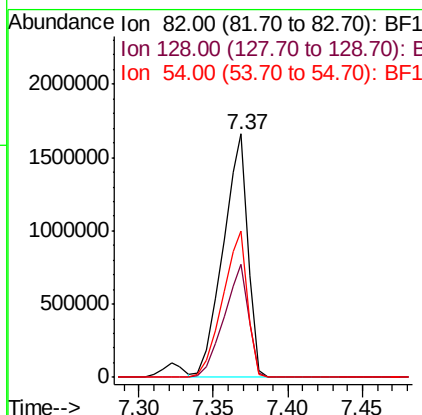
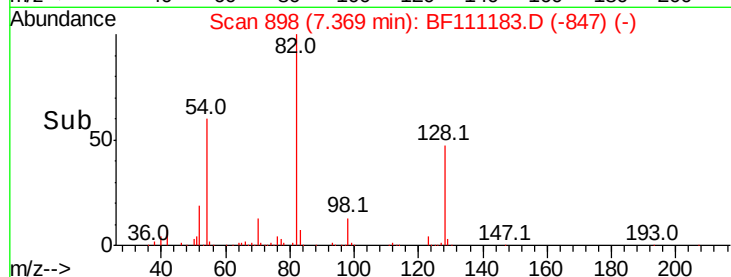
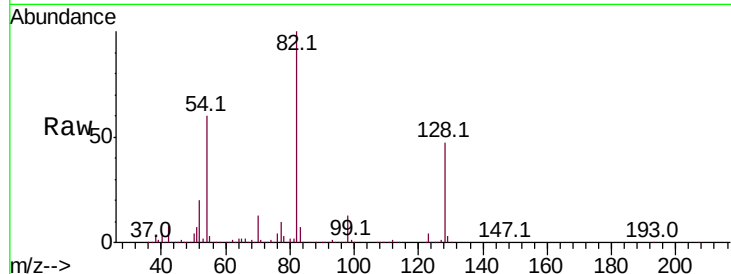
#23
 Nitrobenzene-d5
 Concen: 73.273 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion: 82 Resp: 1935914
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.1 57.1
 54 60.4 50.3 75.5

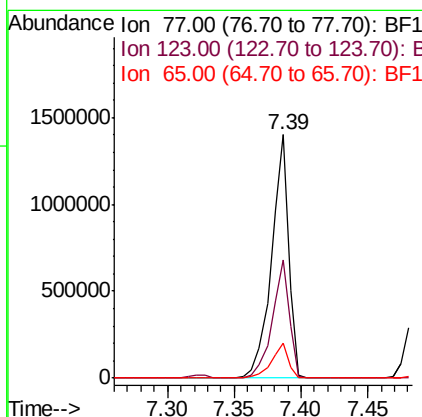
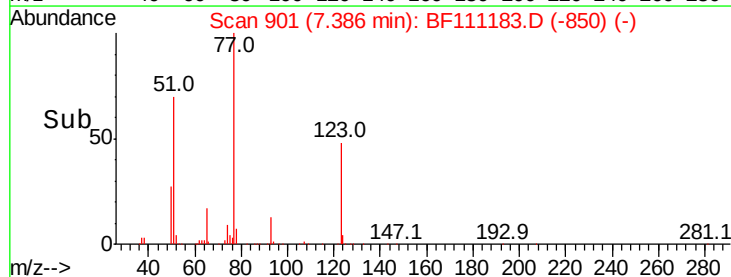
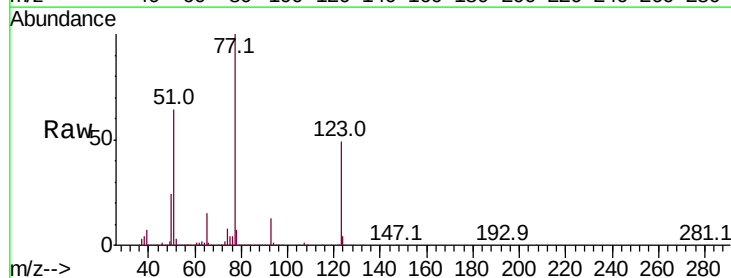
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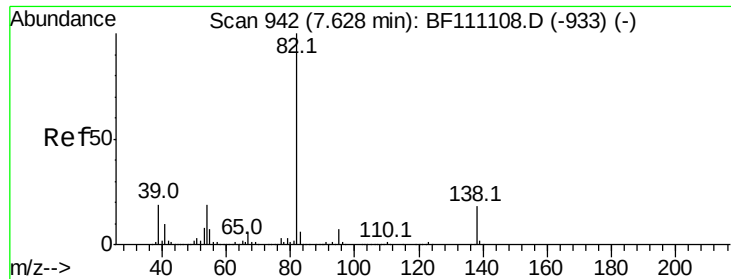
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#24
 Nitrobenzene
 Concen: 43.991 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion: 77 Resp: 1250377
 Ion Ratio Lower Upper
 77 100
 123 48.6 39.5 59.3
 65 14.5 11.8 17.6





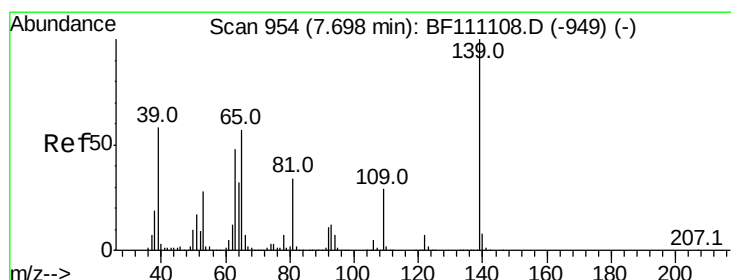
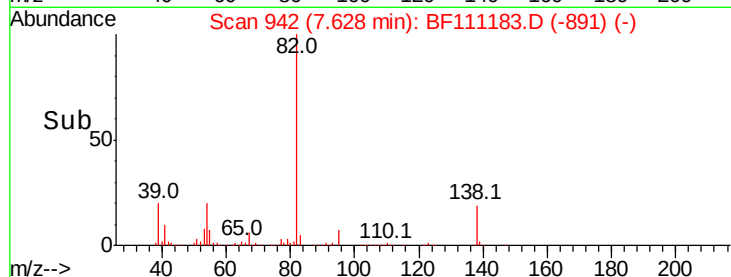
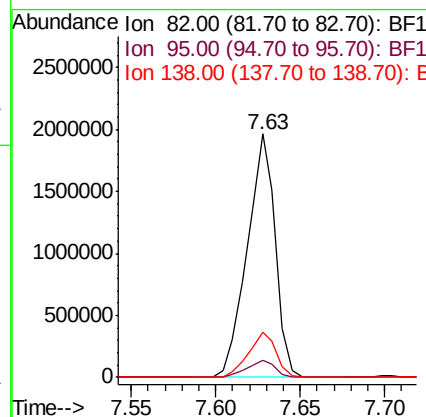
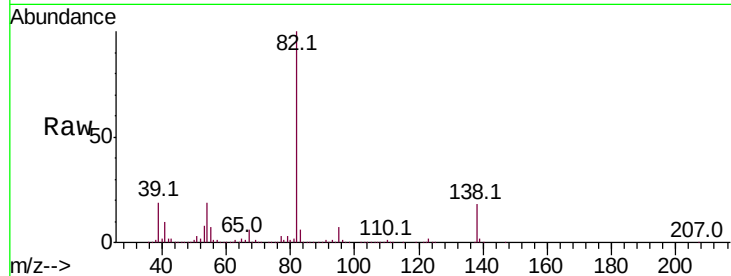
#25
Isophorone
Concen: 46.759 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion: 82 Resp: 2267238
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.5 14.6 22.0

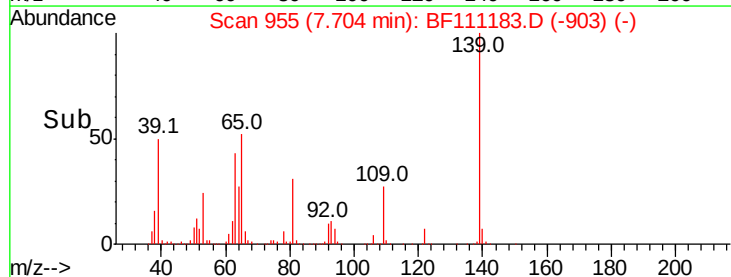
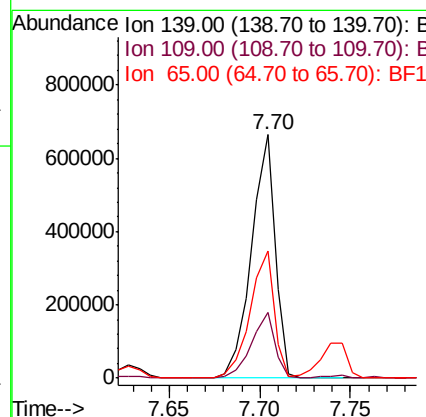
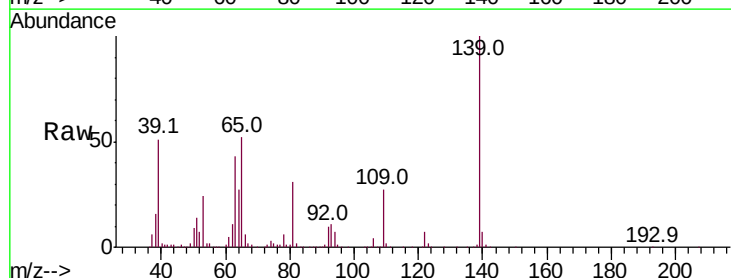
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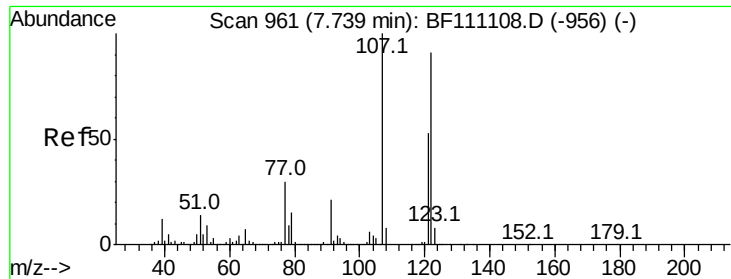
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#26
2-Nitrophenol
Concen: 50.518 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion: 139 Resp: 606715
Ion Ratio Lower Upper
139 100
109 26.9 23.1 34.7
65 52.2 45.9 68.9





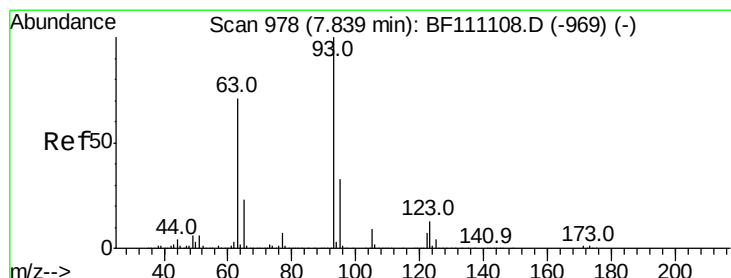
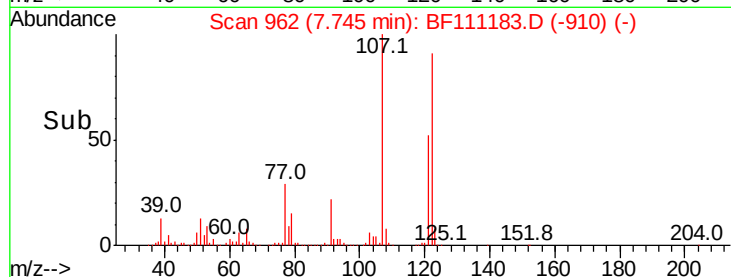
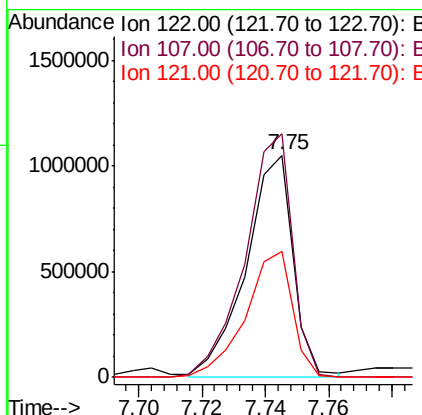
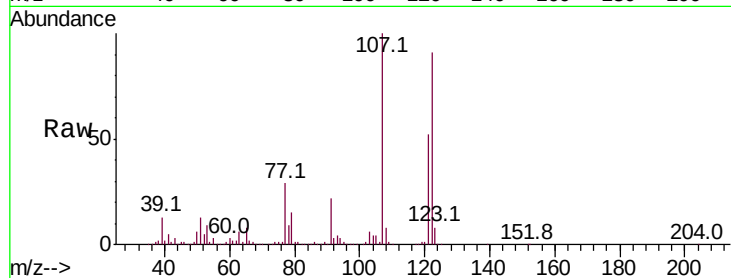
#27
 2,4-Dimethylphenol
 Concen: 48.282 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion:122 Resp: 1092062
 Ion Ratio Lower Upper
 122 100
 107 109.5 87.4 131.0
 121 56.8 45.9 68.9

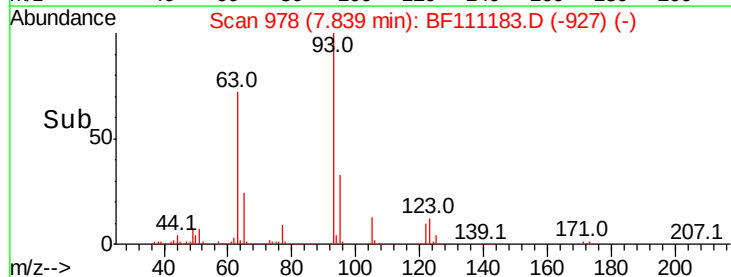
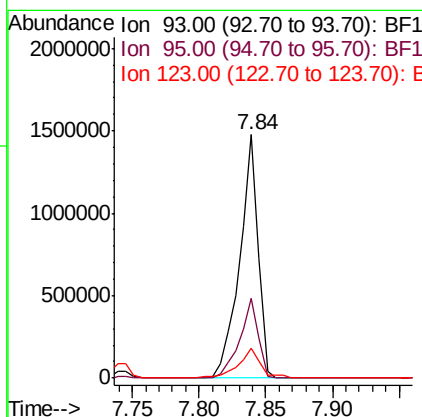
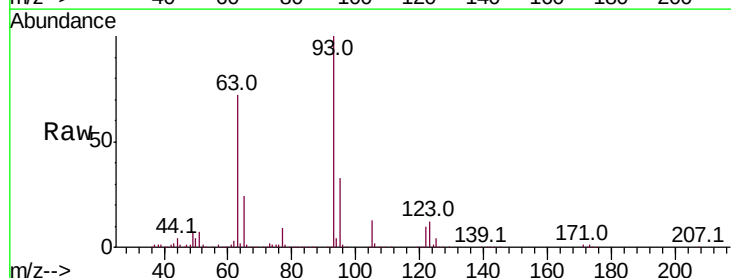
Manual Integrations
 APPROVED

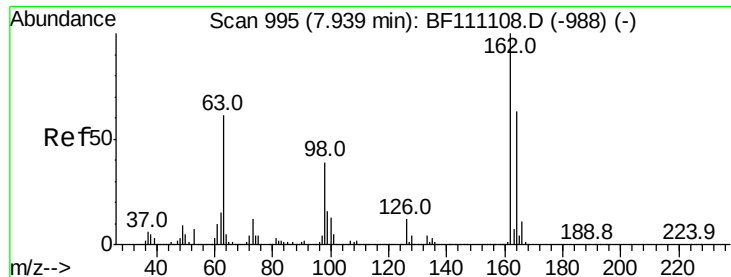
Sohil
 12/11/2018 8:44:41 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.525 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion: 93 Resp: 1428671
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 39.8
 123 12.3 10.3 15.5





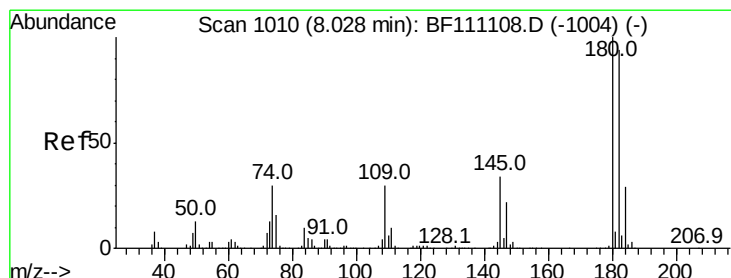
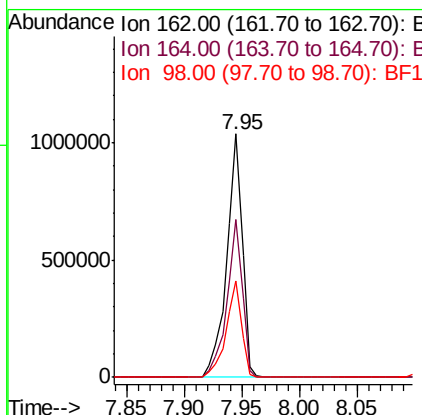
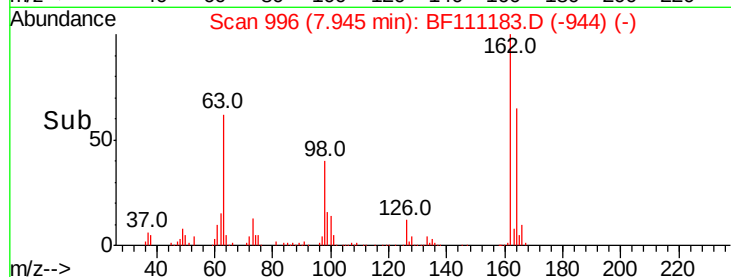
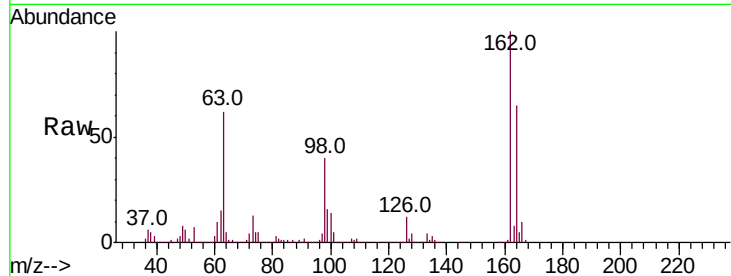
#29
2,4-Dichlorophenol
Concen: 43.526 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion:	162	Resp:	969214
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.3	83.3
98	39.6	18.9	58.9

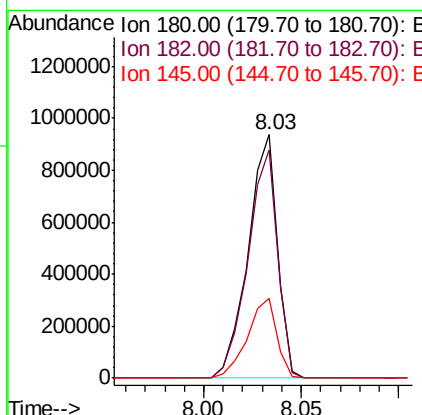
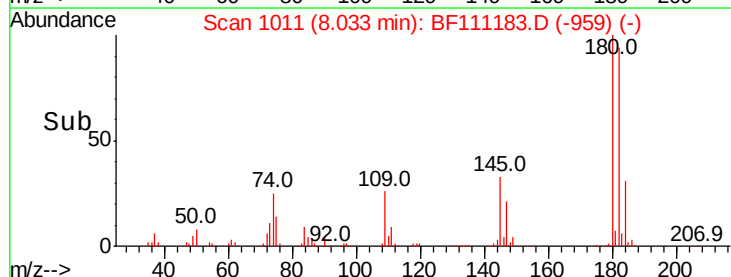
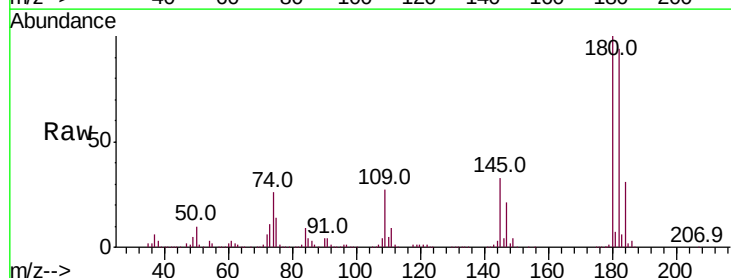
Manual Integrations
APPROVED

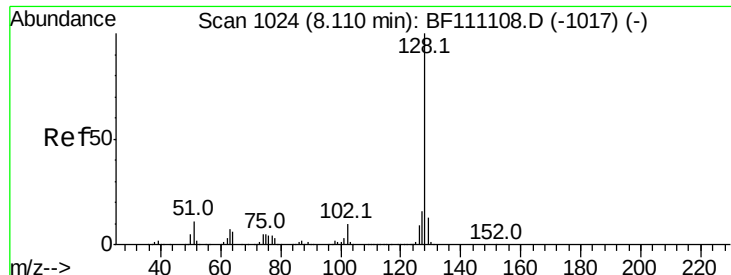
Sohil
12/11/2018 8:44:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.330 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:	180	Resp:	973858
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.1	112.7
145	33.0	27.6	41.4





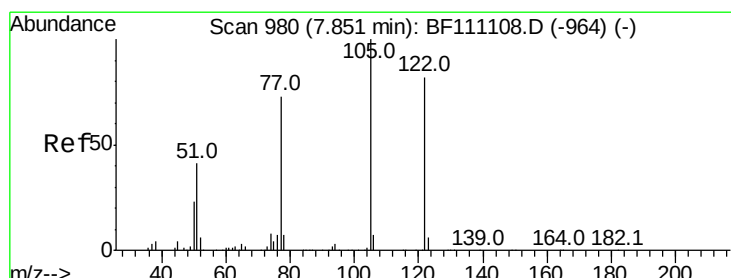
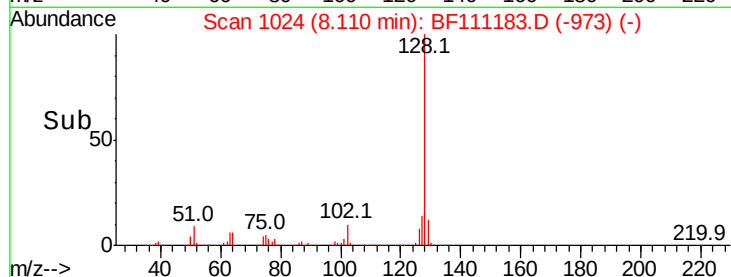
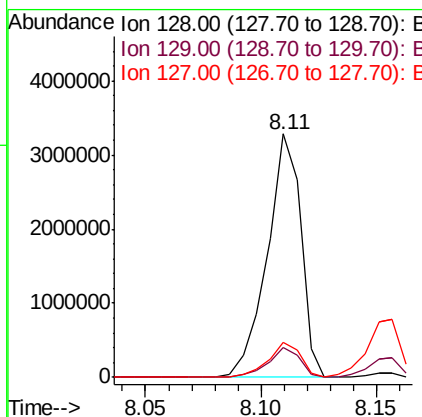
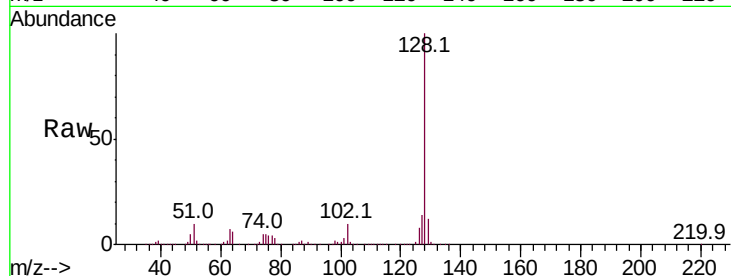
#31
Naphthalene
Concen: 48.762 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion:128 Resp: 3320847
Ion Ratio Lower Upper
128 100
129 12.3 10.5 15.7
127 14.3 12.5 18.7

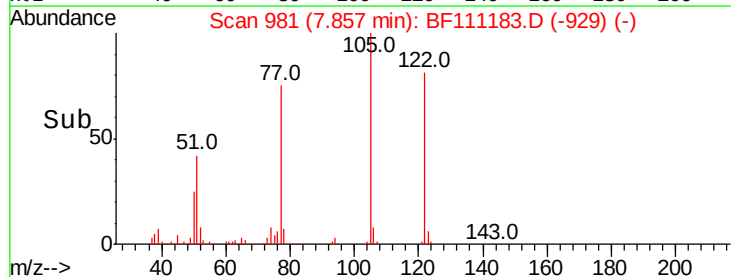
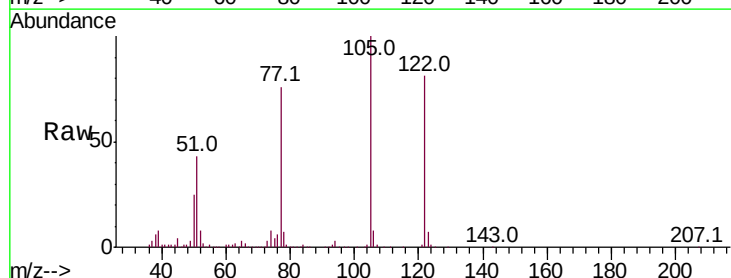
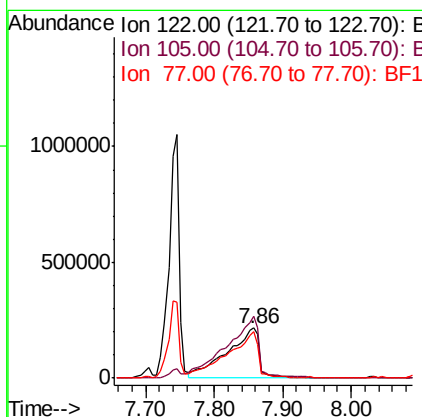
Manual Integrations
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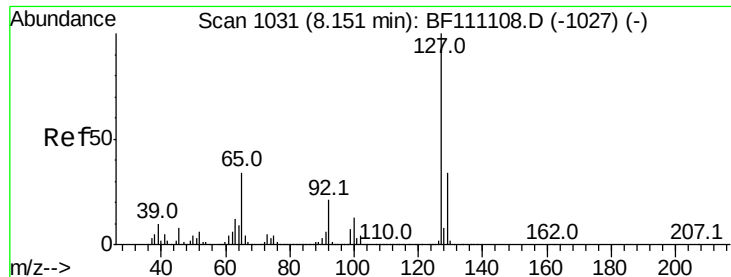
Sohil
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#32
Benzoic acid
Concen: 47.230 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:122 Resp: 704458
Ion Ratio Lower Upper
122 100
105 124.1 100.1 140.1
77 94.0 69.4 109.4





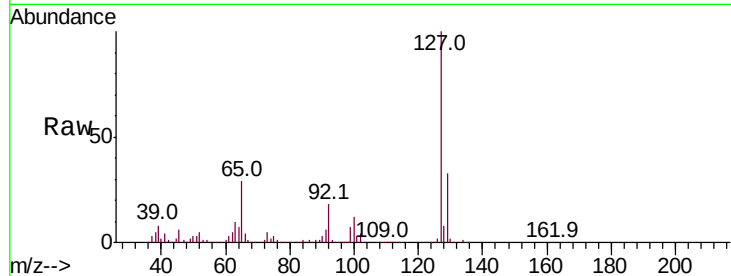
#33
4-Chloroaniline
Concen: 24.239 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

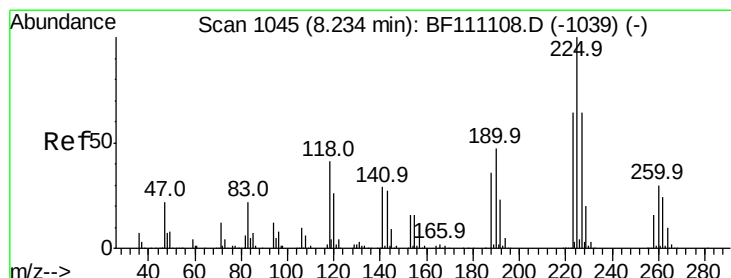
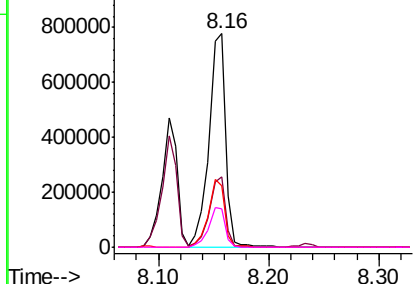
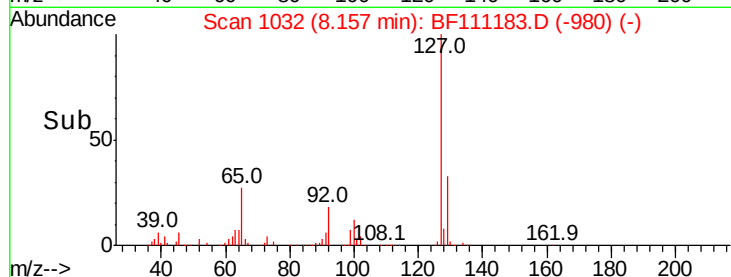
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	27.0	40.6		
65	28.8	27.2	40.8		
92	18.0	16.6	24.8		

Manual Integrations
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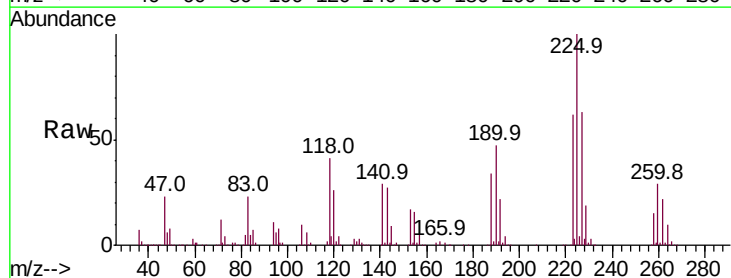


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
1000000
Ion 65.00 (64.70 to 65.70): BF1
800000
Ion 92.00 (91.70 to 92.70): BF1

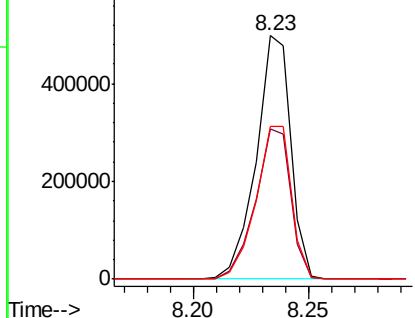
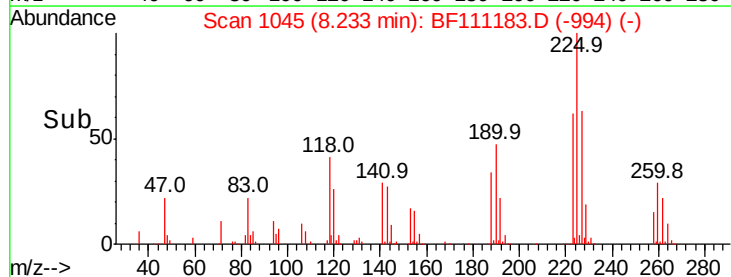


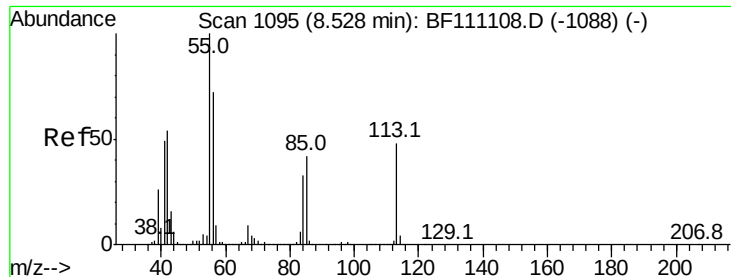
#34
Hexachlorobutadiene
Concen: 42.703 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	51.4	77.2		
227	62.9	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
600000
Ion 223.00 (222.70 to 223.70): E
400000
Ion 227.00 (226.70 to 227.70): E





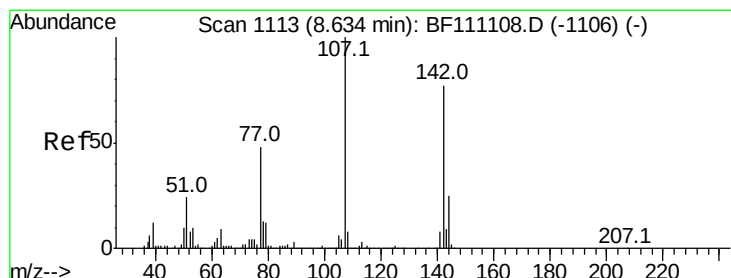
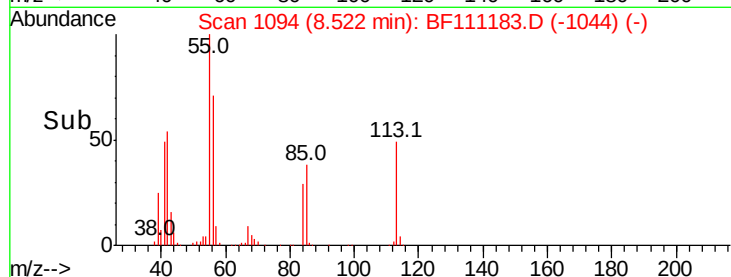
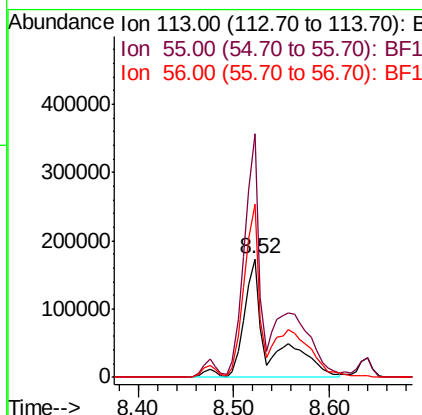
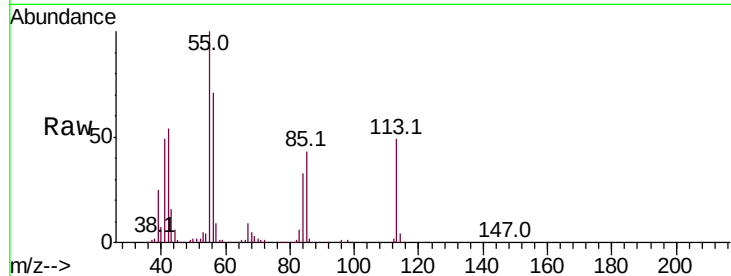
#35
 Caprolactam
 Concen: 39.544 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.3	190.6	230.6
56	146.2	130.9	170.9

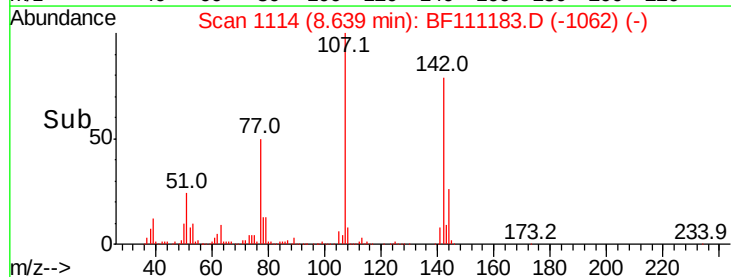
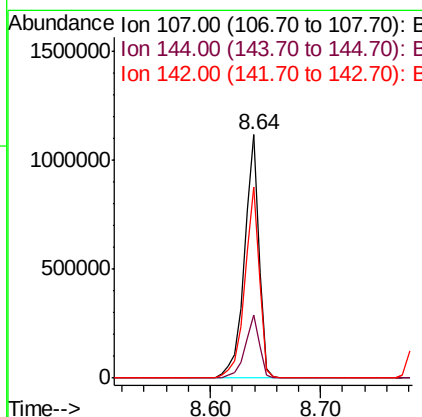
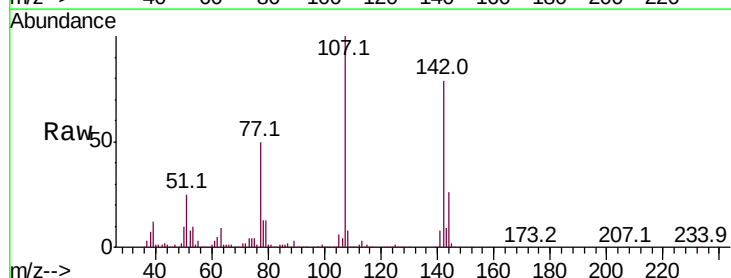
Manual Integrations
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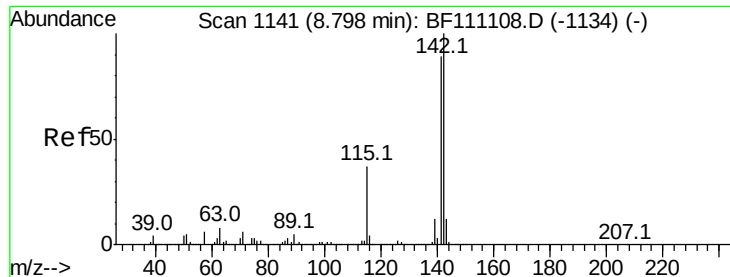
Sohil
 12/11/2018 8:44:41 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.488 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.9	29.9
142	78.6	61.4	92.0





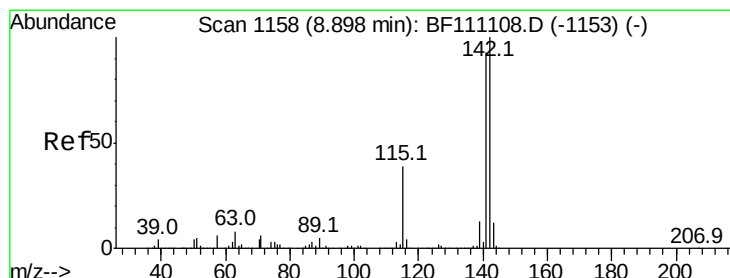
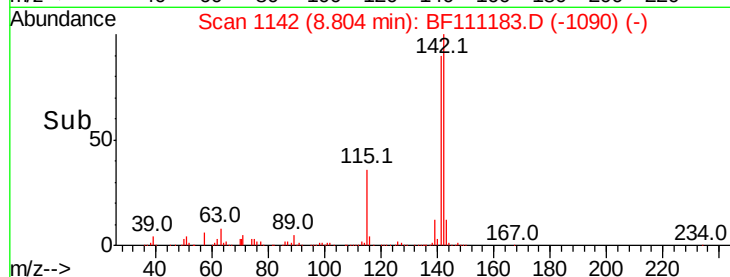
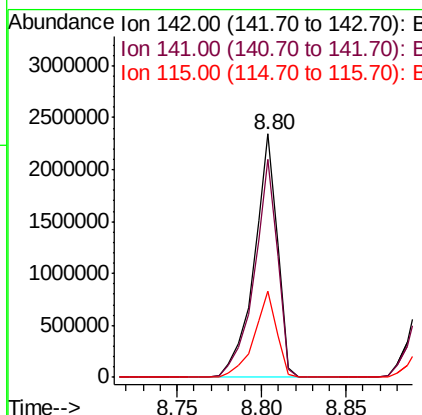
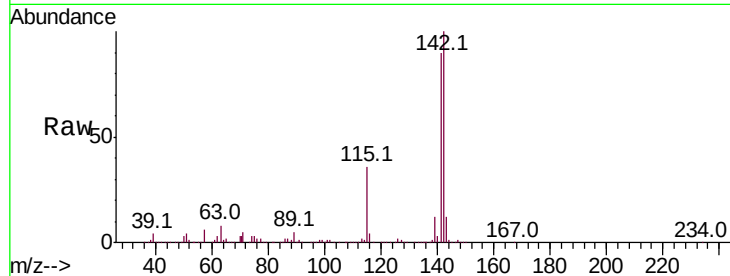
#37
2-Methylnaphthalene
Concen: 47.701 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0
115	35.6	29.2	43.8

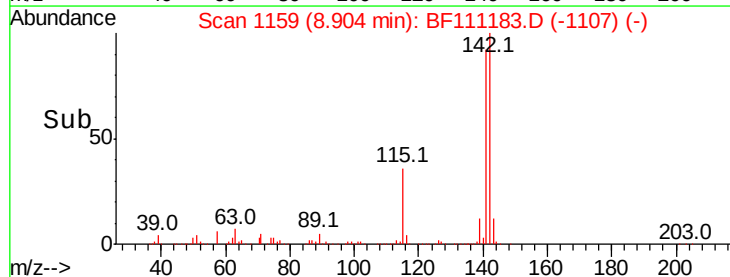
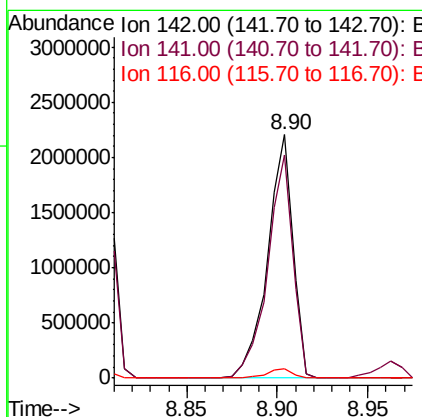
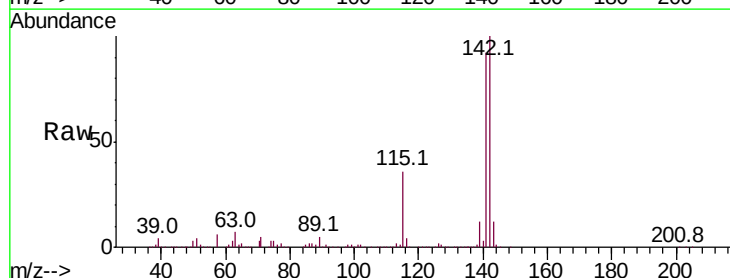
Manual Integrations
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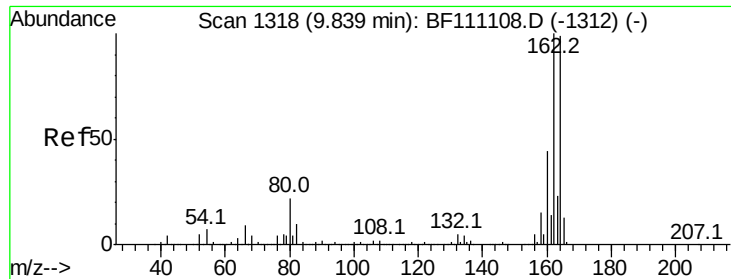
Sohil
12/11/2018 8:44:41 AM



#38
1-Methylnaphthalene
Concen: 47.377 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.5	111.7
116	3.7	3.2	4.8





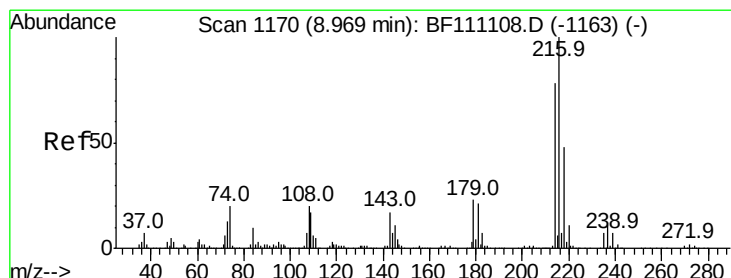
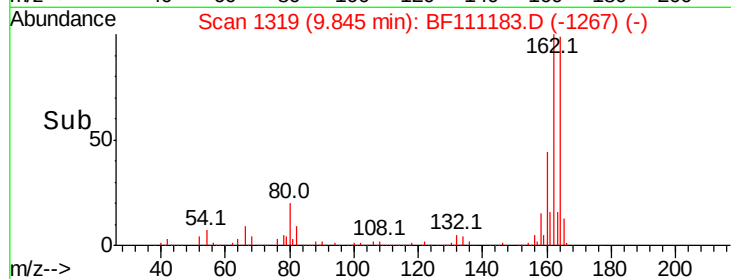
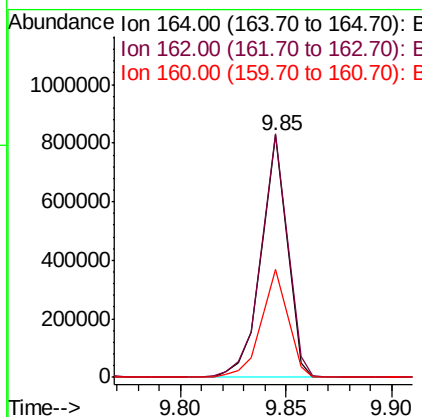
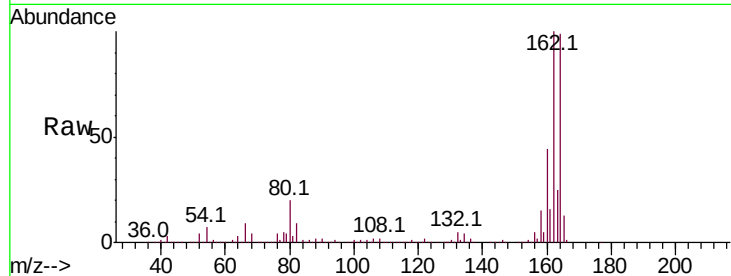
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.4	35.5	53.3

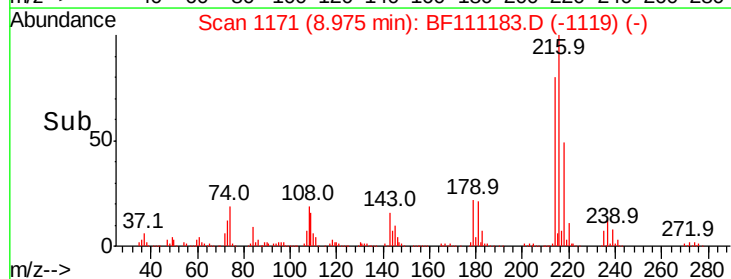
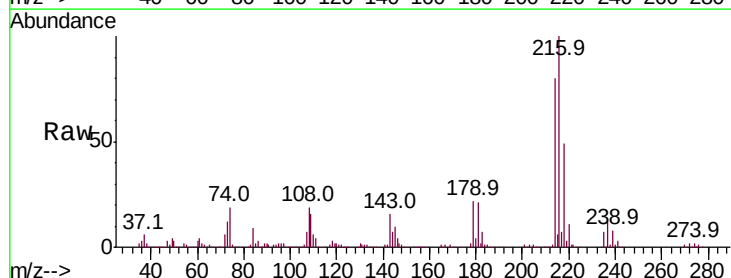
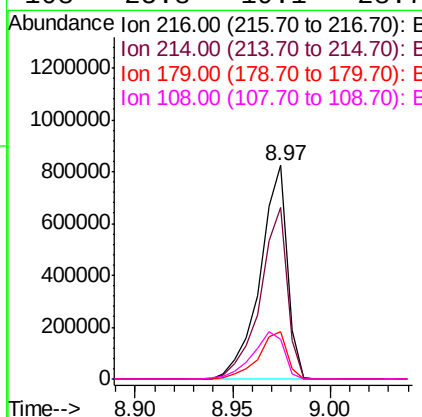
Manual Integrations
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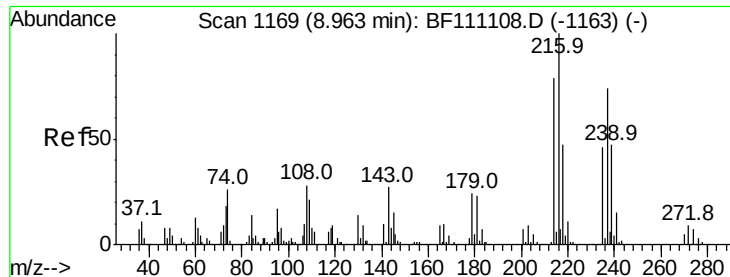
Sohil
12/11/2018 8:44:41 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.601 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	23.2	18.5	27.7
108	25.8	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 105.092 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion:237 Resp: 1063296

Ion Ratio Lower Upper

237 100

235 64.3 41.9 81.9

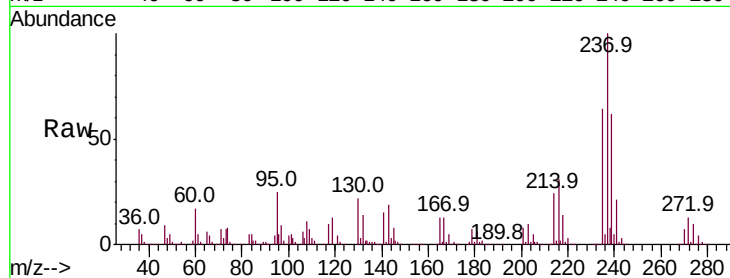
272 12.8 0.0 32.7

Manual Integrations

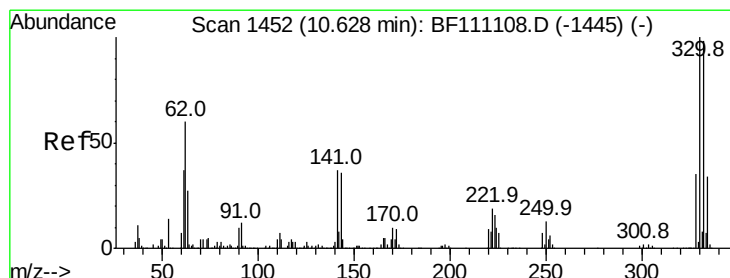
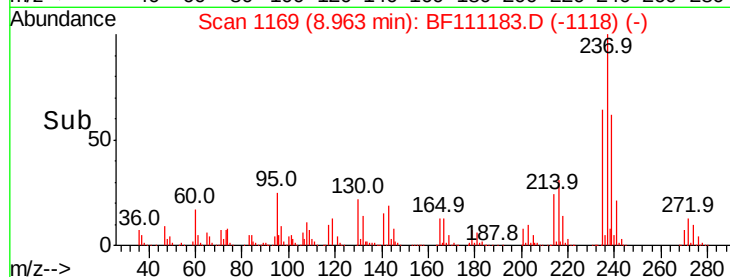
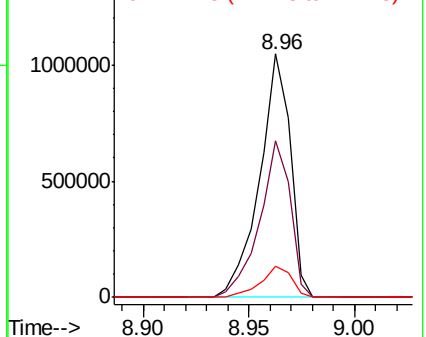
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.708 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

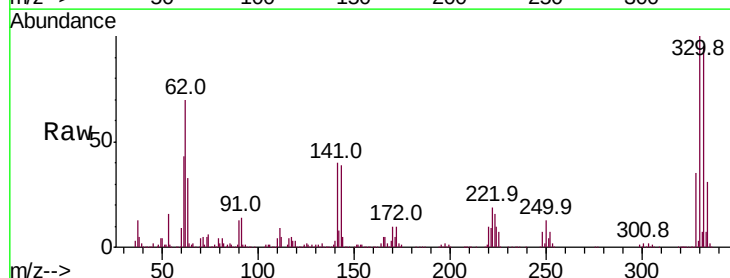
Tgt Ion:330 Resp: 776628

Ion Ratio Lower Upper

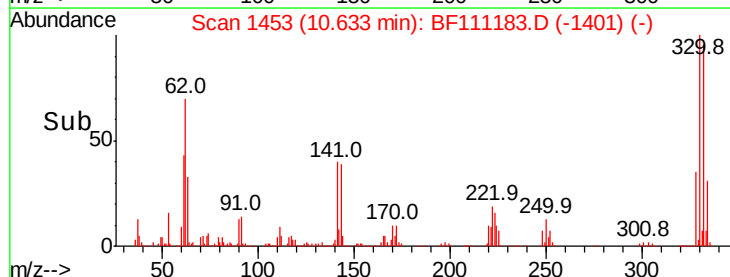
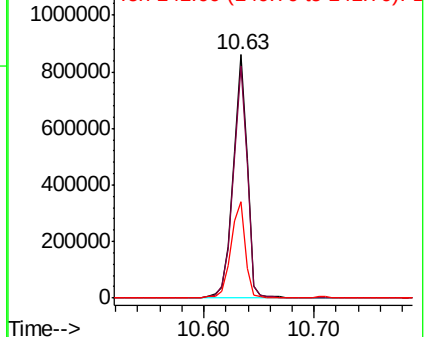
330 100

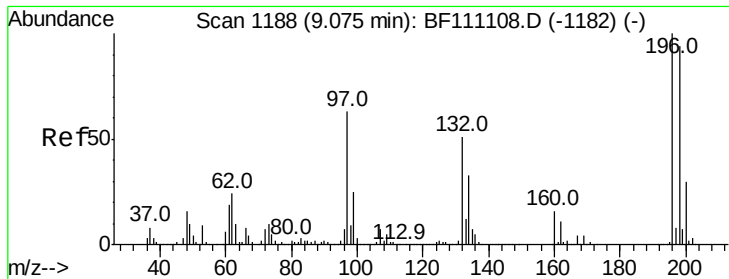
332 96.1 77.2 115.8

141 40.6 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





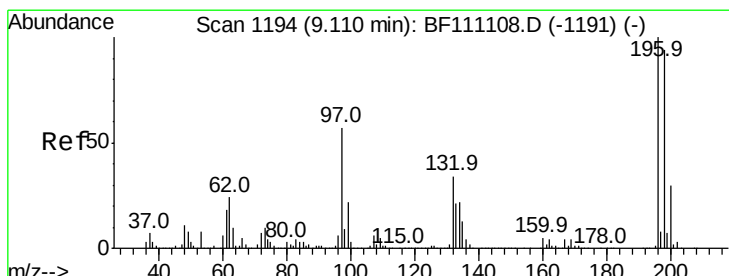
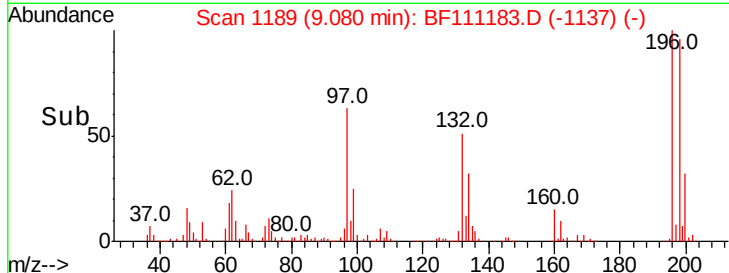
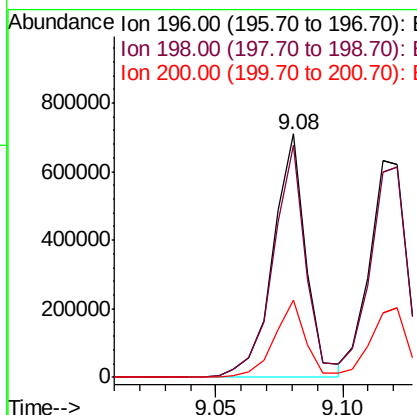
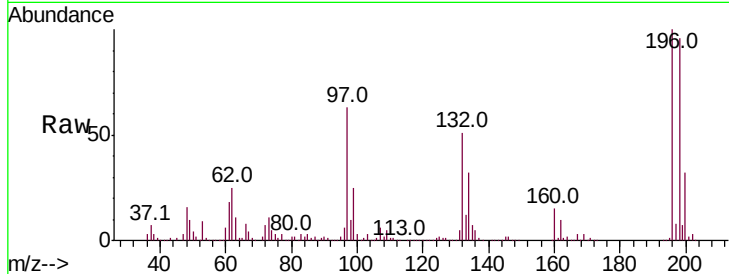
#43
 2,4,6-Trichlorophenol
 Concen: 46.173 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion:	196	Resp:	647074
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.4	113.0
200	31.6	24.2	36.4

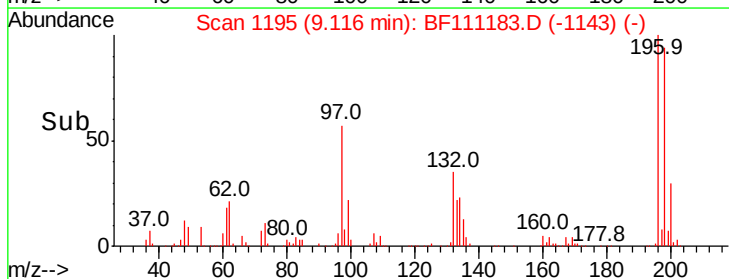
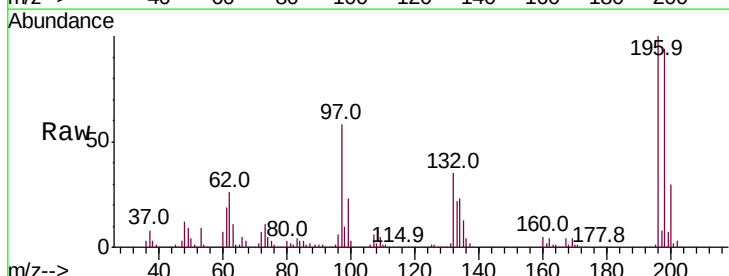
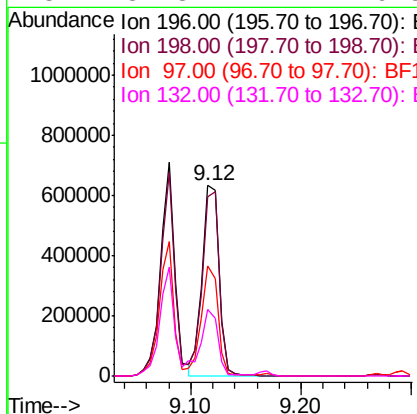
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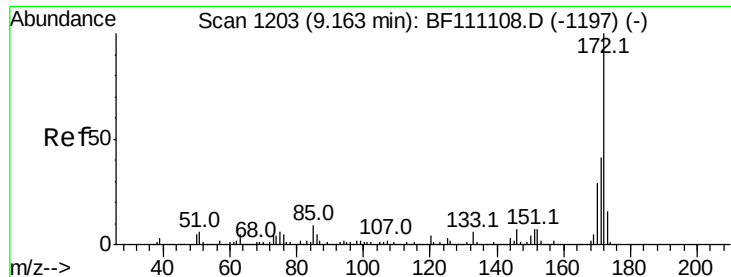
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#44
 2,4,5-Trichlorophenol
 Concen: 46.188 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion:	196	Resp:	656165
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.0	112.4
97	57.7	46.2	69.4
132	34.8	27.2	40.8





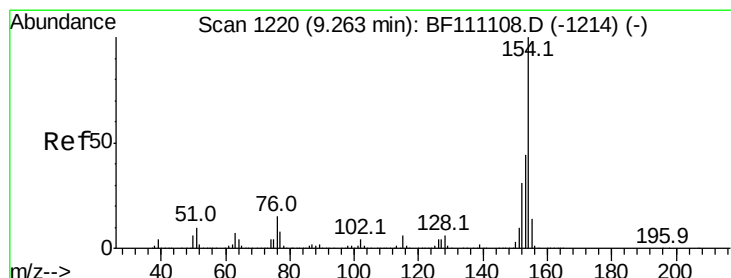
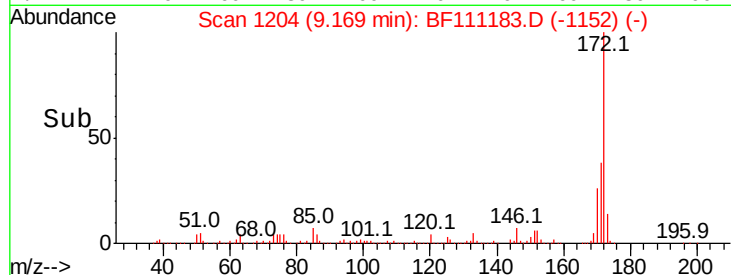
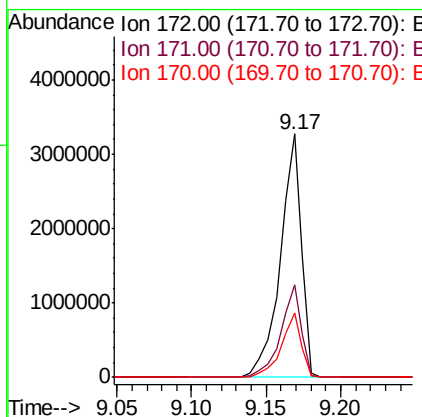
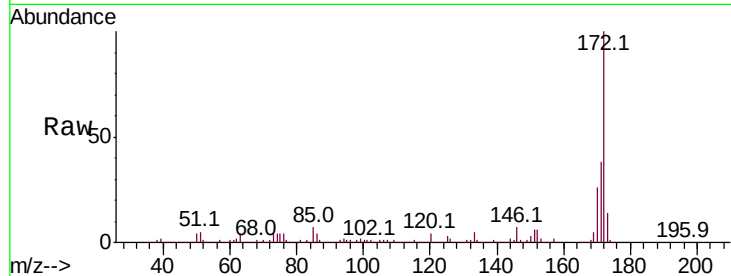
#45
2-Fluorobiphenyl
Concen: 83.152 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	33.2	49.8
170	26.2	22.9	34.3

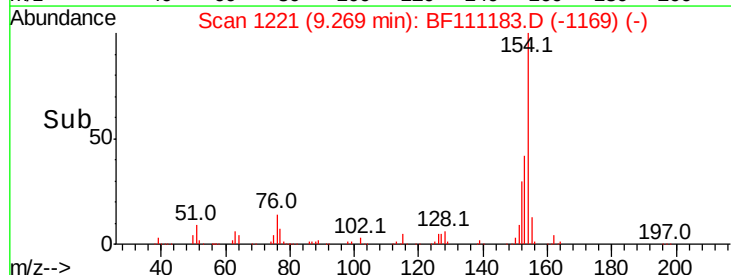
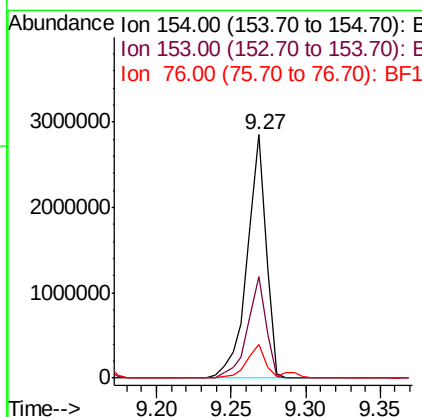
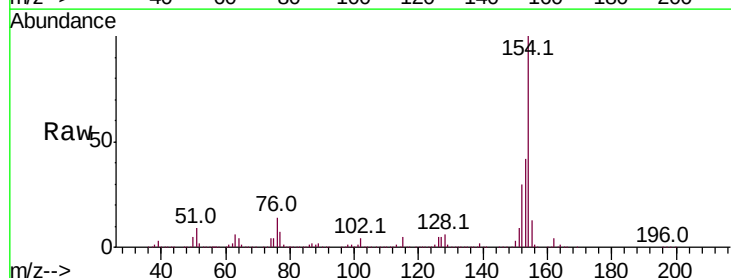
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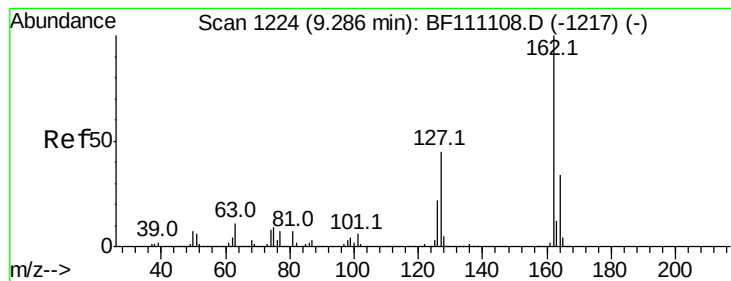
Sohil
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#46
1,1'-Biphenyl
Concen: 42.428 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.7	63.7
76	13.7	0.0	35.0





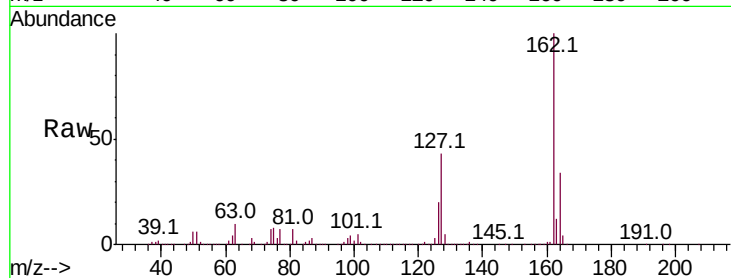
#47
 2-Chloronaphthalene
 Concen: 43.160 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

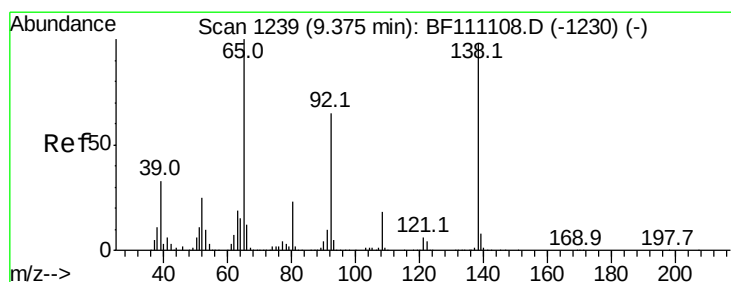
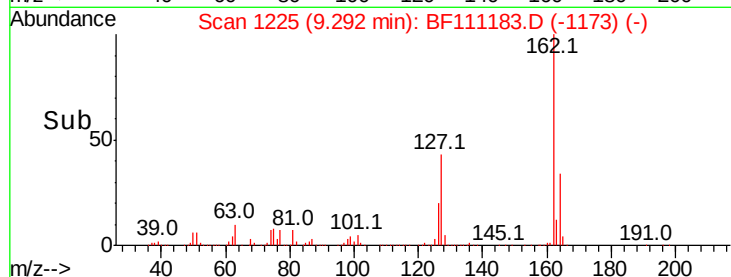
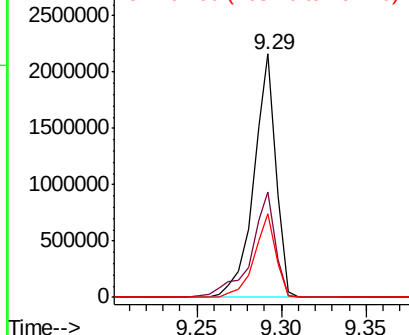
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	36.4	54.6
164	34.1	27.3	40.9

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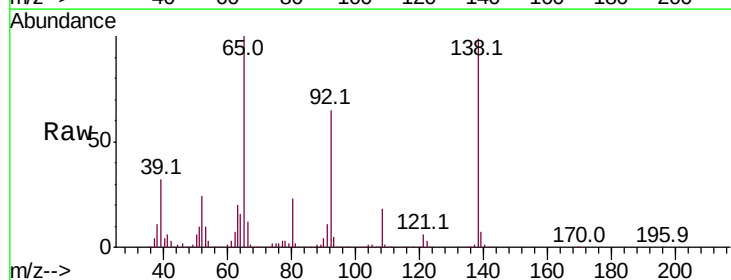


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

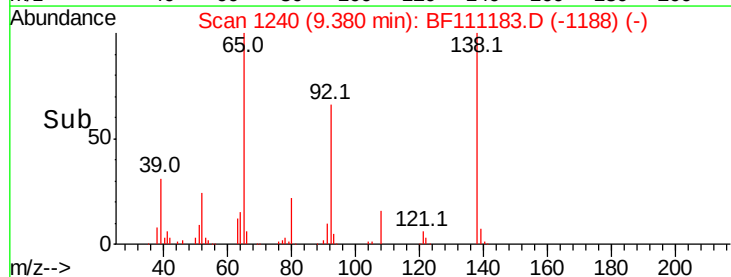
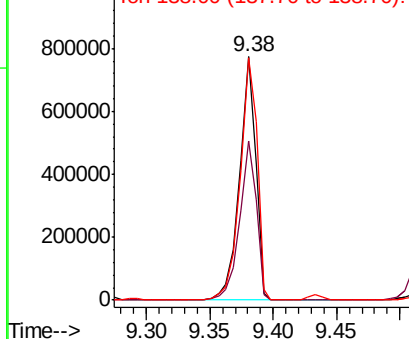


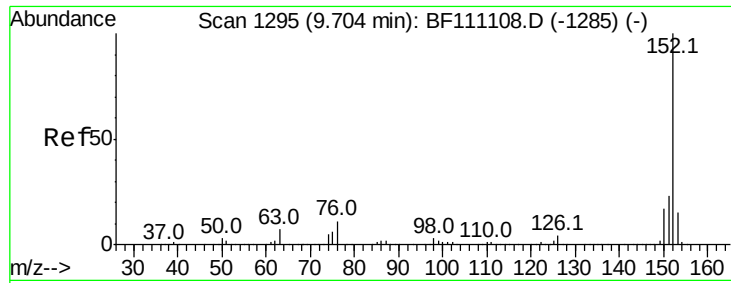
#48
 2-Nitroaniline
 Concen: 45.600 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	52.1	78.1
138	99.4	78.2	117.4



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





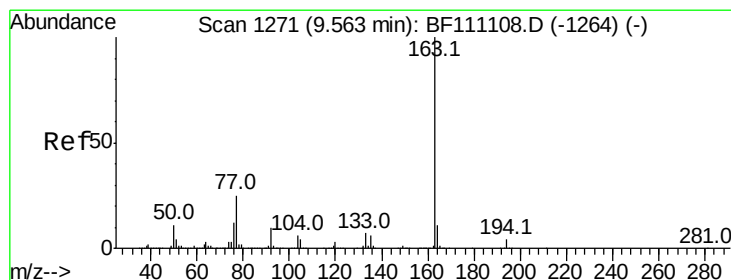
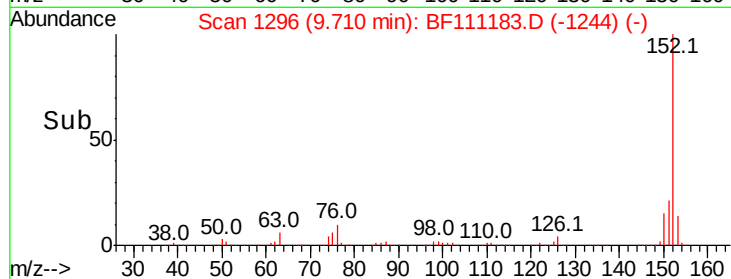
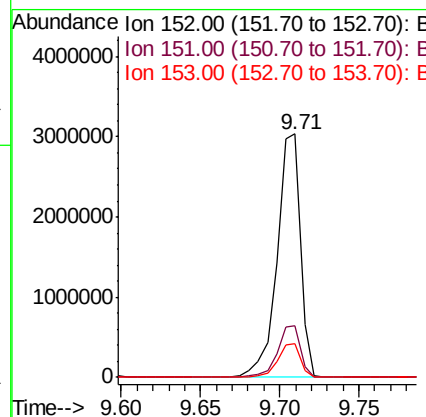
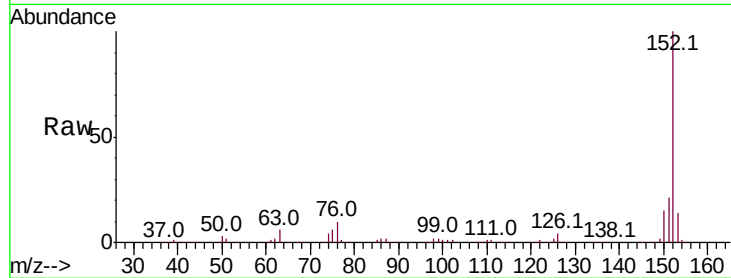
#49
Acenaphthylene
Concen: 48.778 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.3	27.5
153	13.7	11.8	17.8

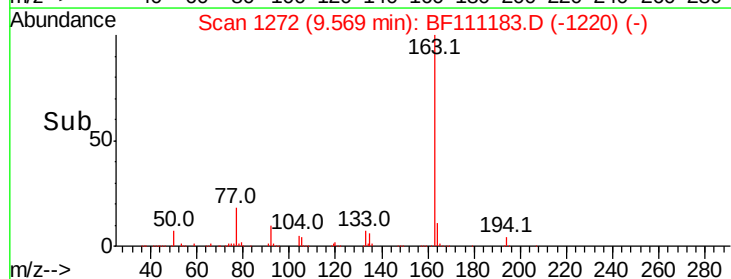
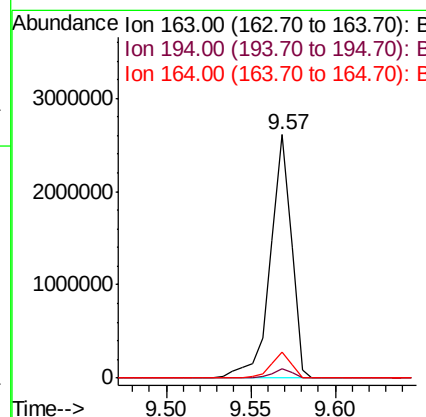
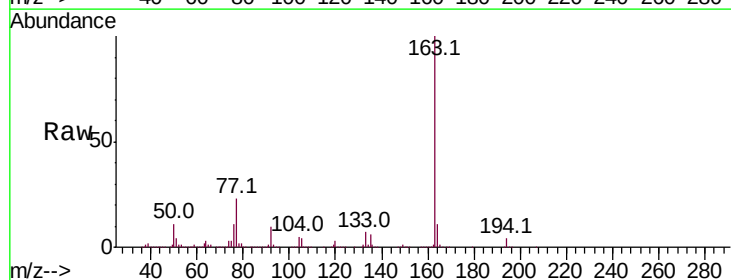
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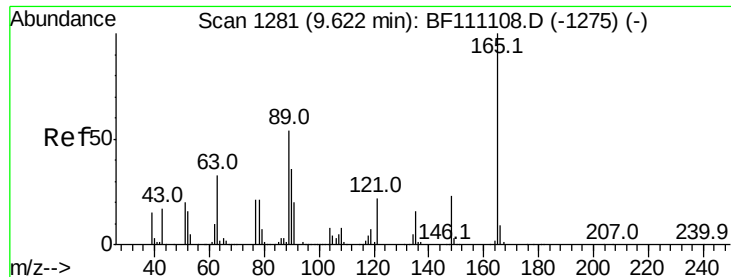
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#50
Dimethylphthalate
Concen: 44.877 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.9	8.9	13.3





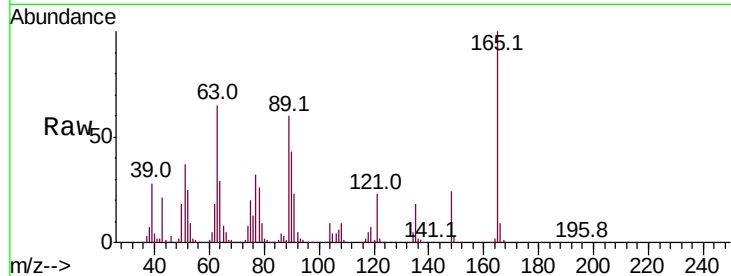
#51
 2,6-Dinitrotoluene
 Concen: 48.501 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

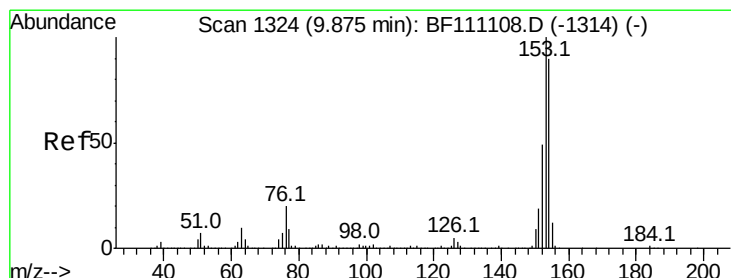
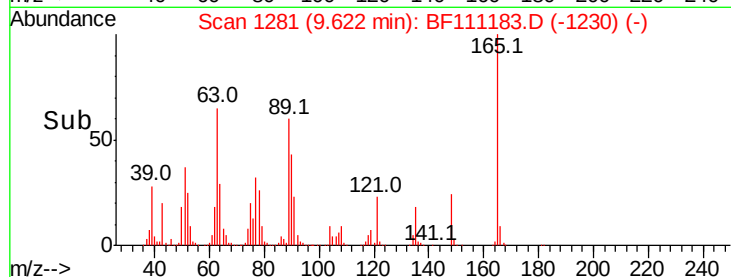
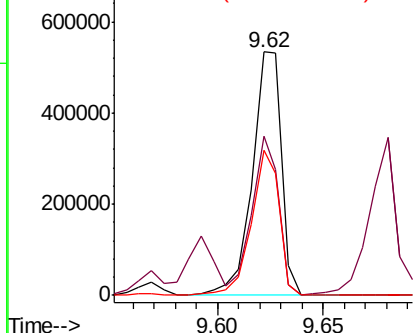
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.5	44.7	67.1	
89	59.6	43.0	64.4	

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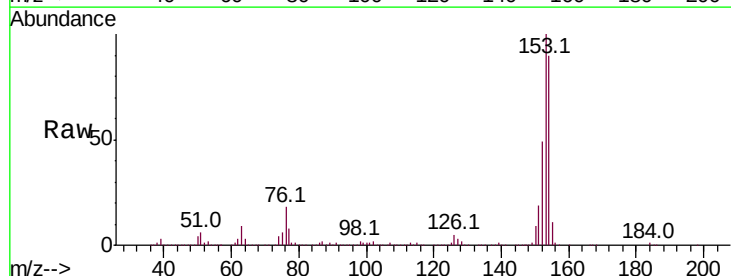


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

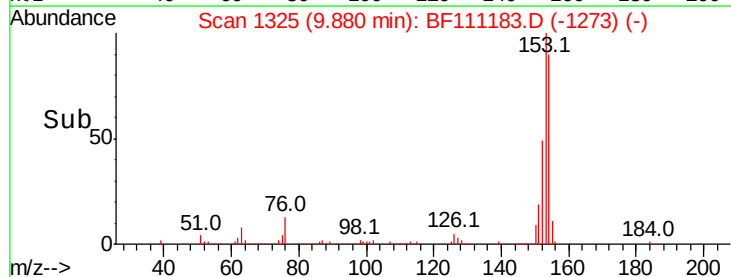
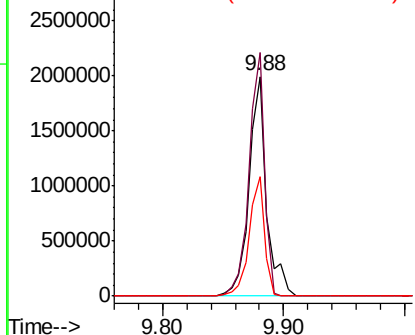


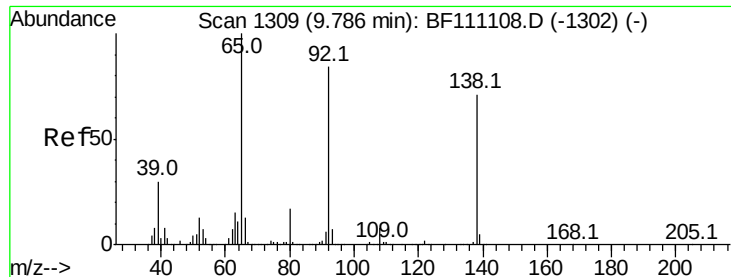
#52
 Acenaphthene
 Concen: 47.835 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.8	88.7	133.1	
152	54.1	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





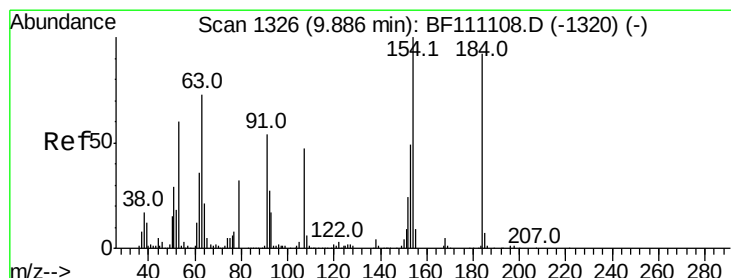
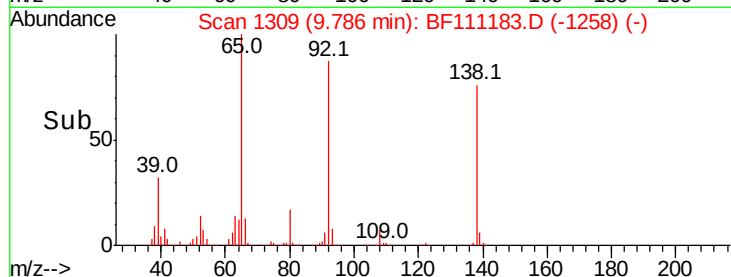
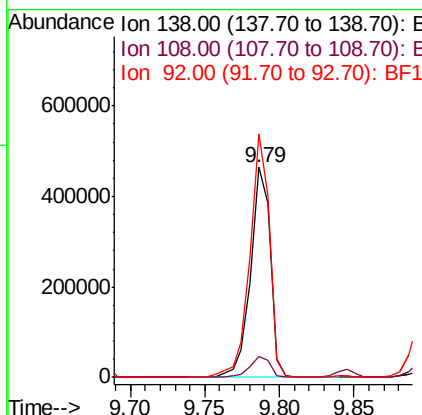
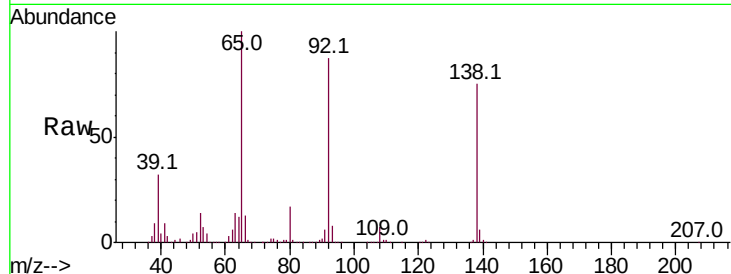
#53
3-Nitroaniline
Concen: 31.626 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	116.0	94.1	141.1

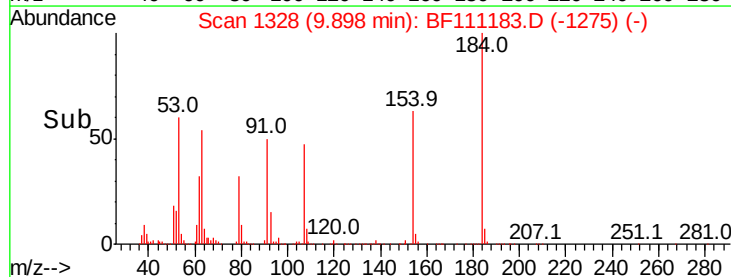
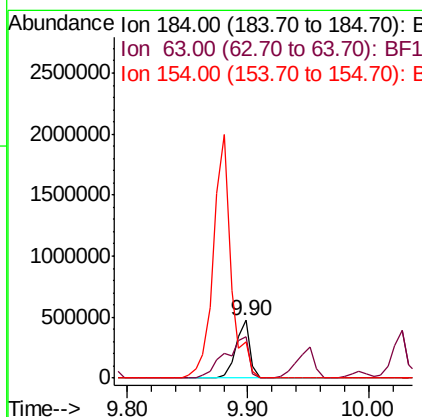
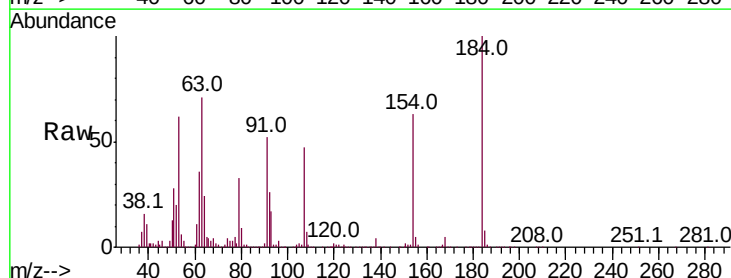
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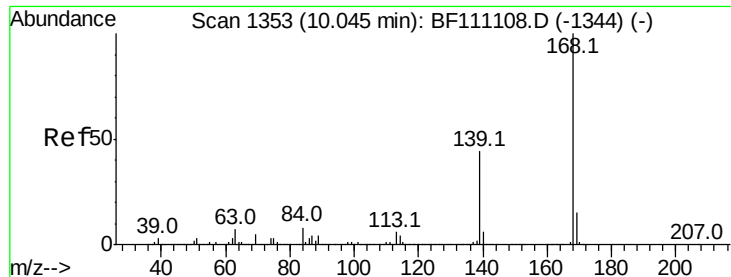
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#54
2,4-Dinitrophenol
Concen: 110.739 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.8	64.2	96.4
154	63.0	89.5	134.3#





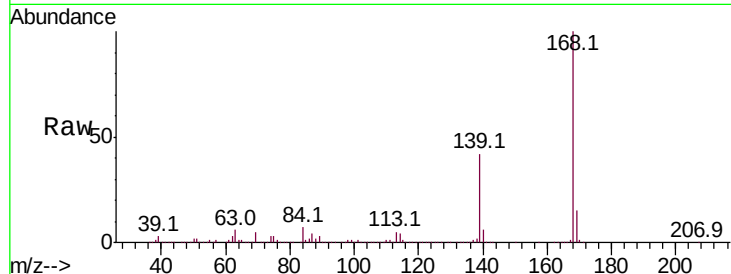
#55
Dibenzofuran
Concen: 46.261 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampled :
PB115160BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	35.1	52.7
169	14.8	12.2	18.4

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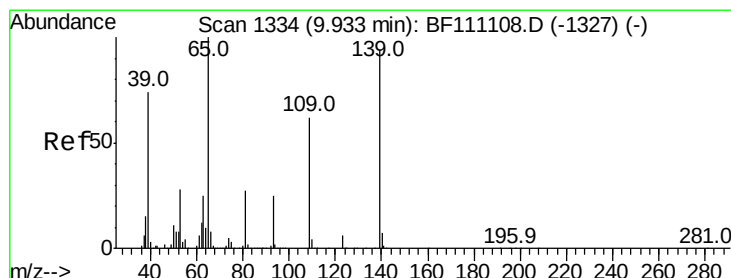
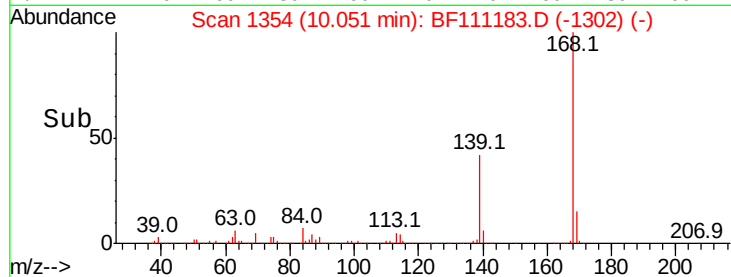
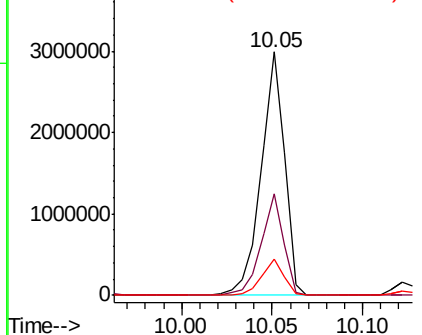


Abundance

Ion 168.00 (167.70 to 168.70): E

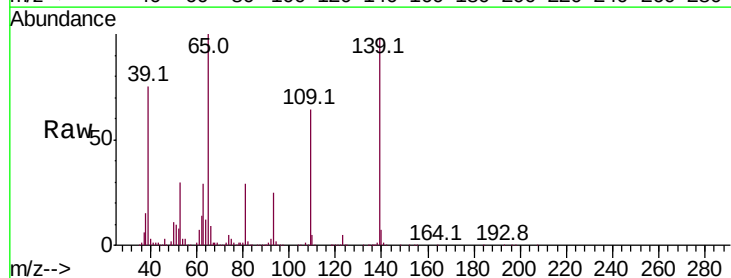
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 88.880 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	46.1	86.1
65	102.0	87.0	127.0

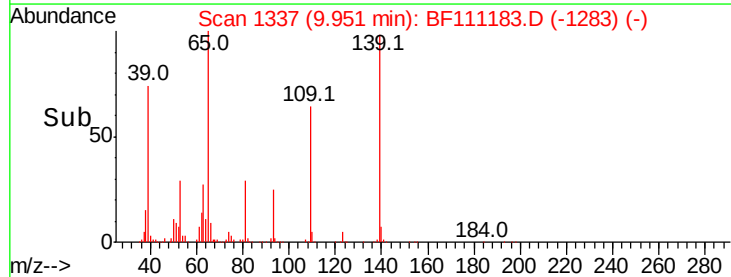
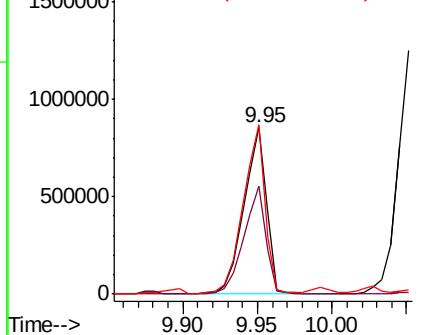


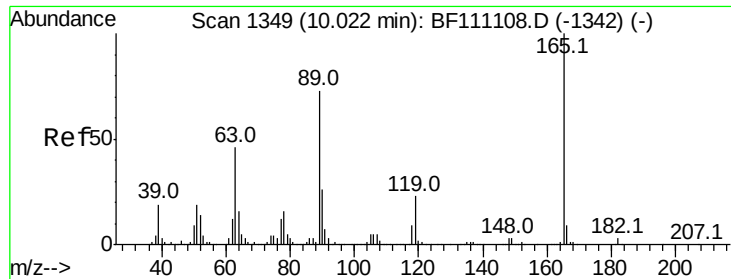
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





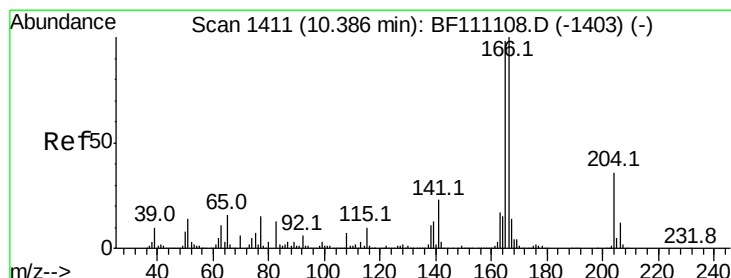
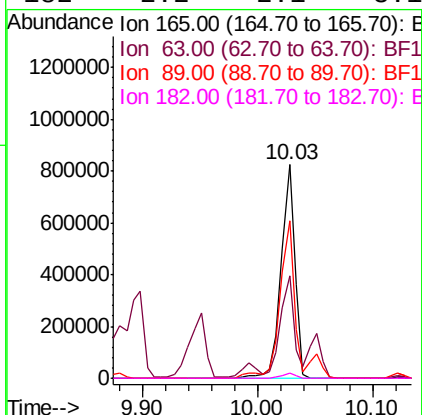
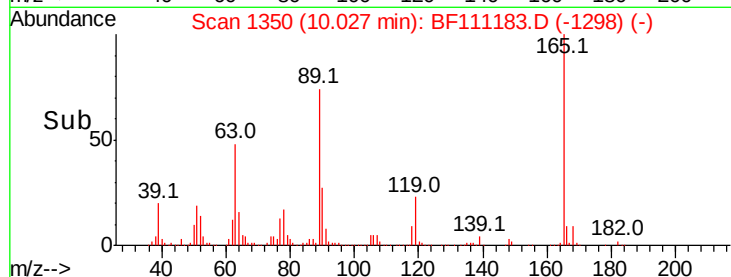
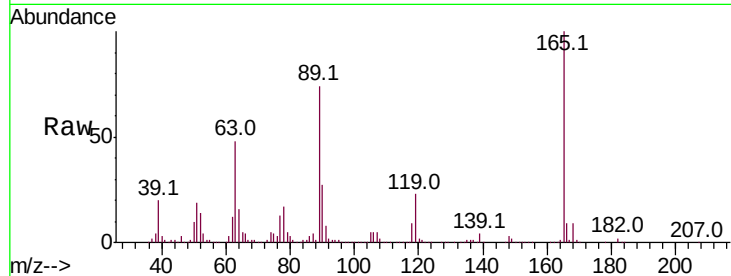
#57
2,4-Dinitrotoluene
Concen: 50.035 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	36.7	55.1
89	73.6	58.4	87.6
182	2.2	2.1	3.1

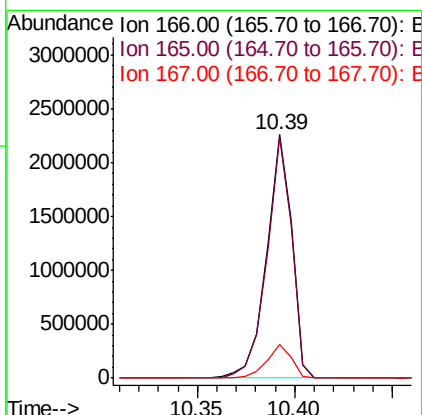
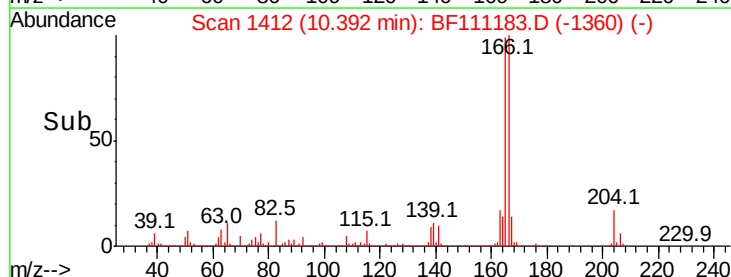
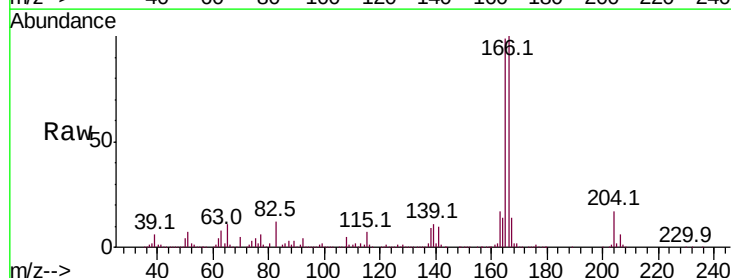
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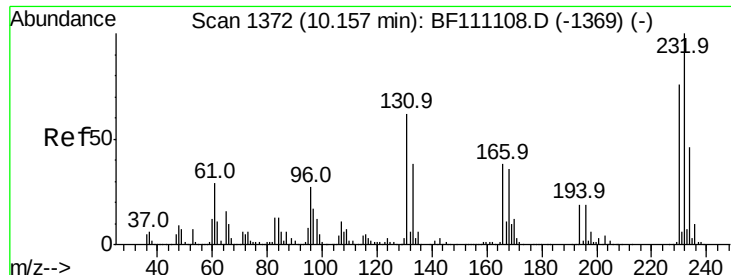
Sohil
12/11/2018 8:44:41 AM



#58
Fluorene
Concen: 48.889 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	14.0	11.4	17.2





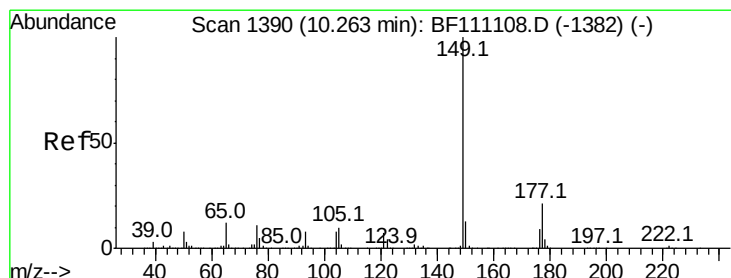
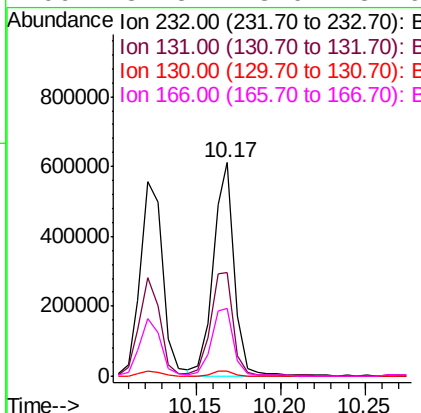
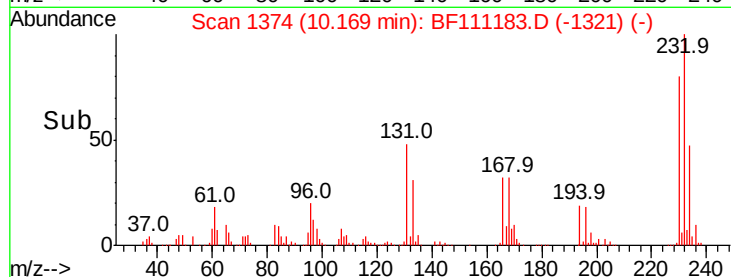
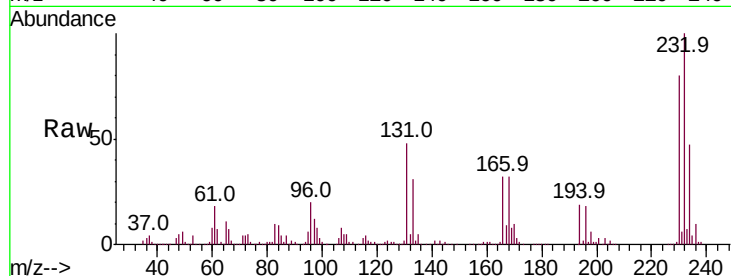
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.003 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	530184		
131	53.3		40.4	60.6
130	2.9		2.1	3.1
166	34.3		23.0	34.6

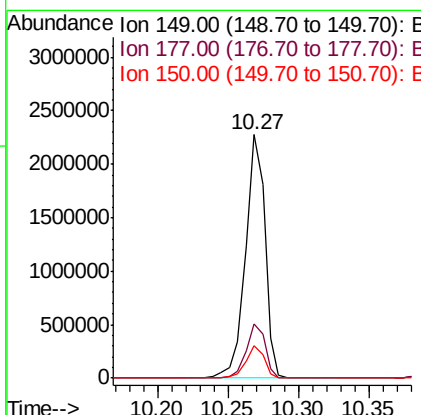
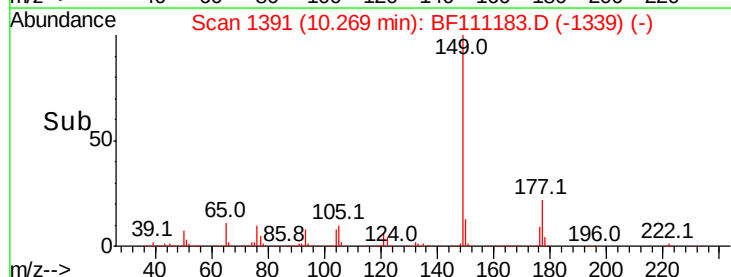
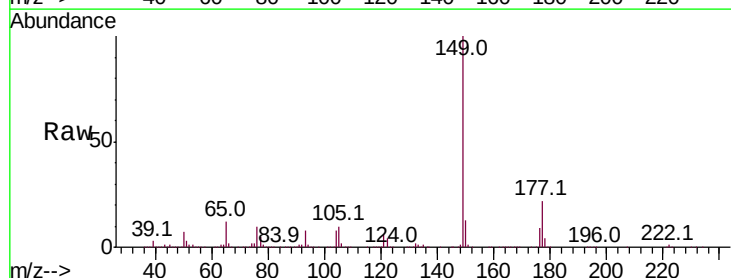
Manual Integrations
APPROVED

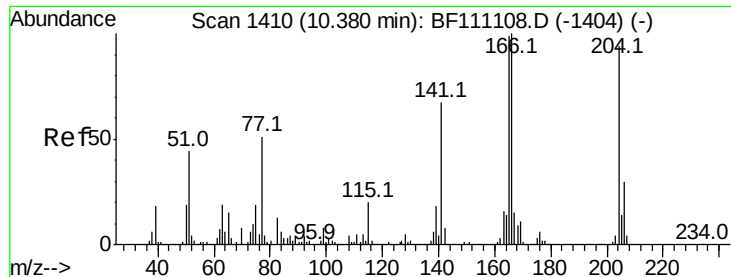
Sohil
12/11/2018 8:44:41 AM



#60
Diethylphthalate
Concen: 44.004 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2203453		
177	22.4		17.0	25.6
150	13.2		10.5	15.7





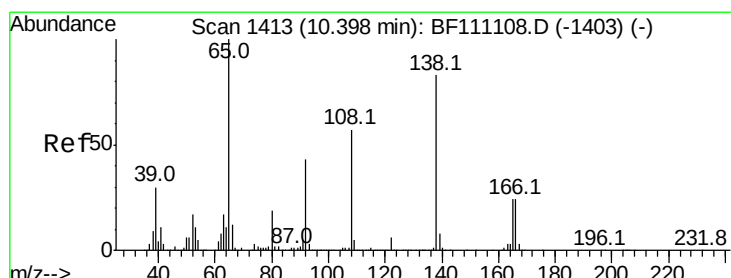
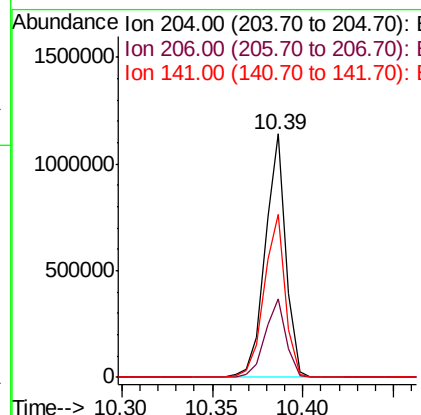
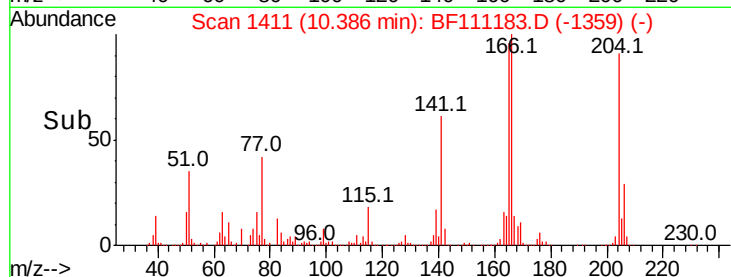
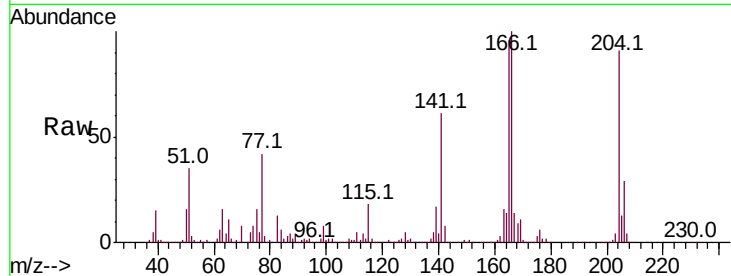
#61
4-Chlorophenyl-phenylether
Concen: 44.508 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.9	38.9
141	66.9	57.4	86.0

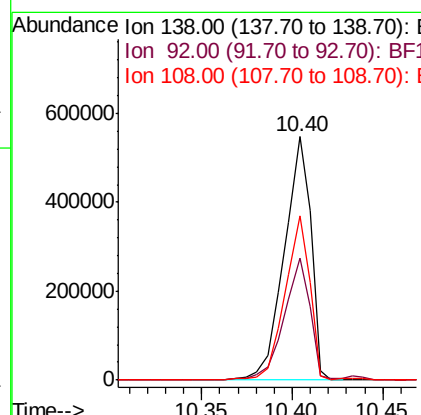
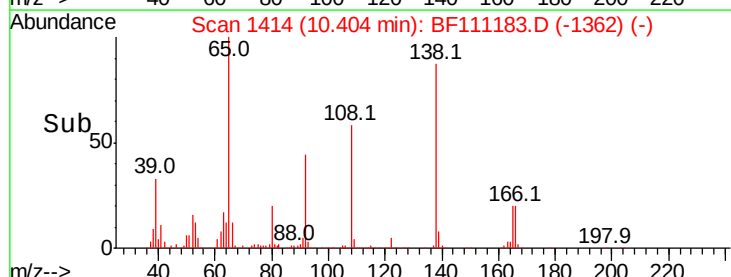
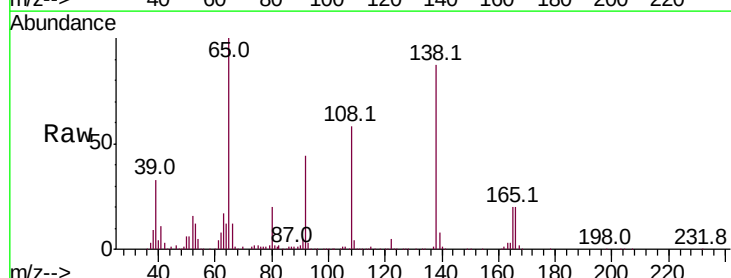
Manual Integrations
APPROVED

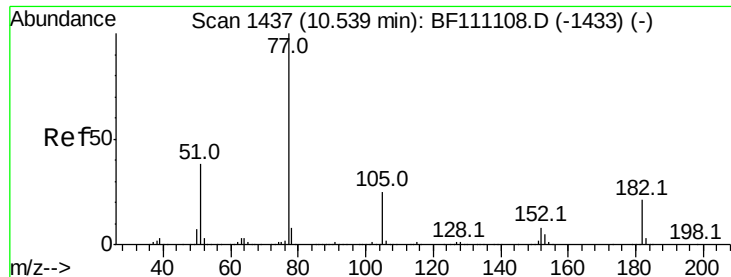
Sohil
12/11/2018 8:44:41 AM



#62
4-Nitroaniline
Concen: 46.689 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.6	71.6
108	67.3	48.3	88.3





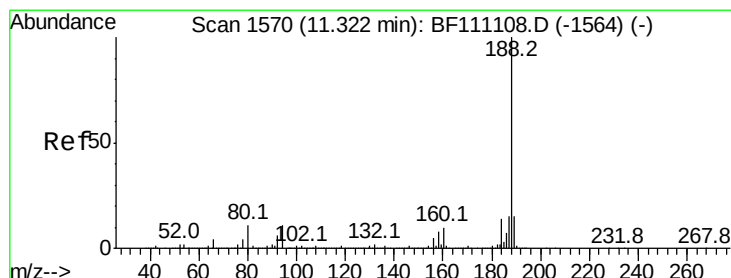
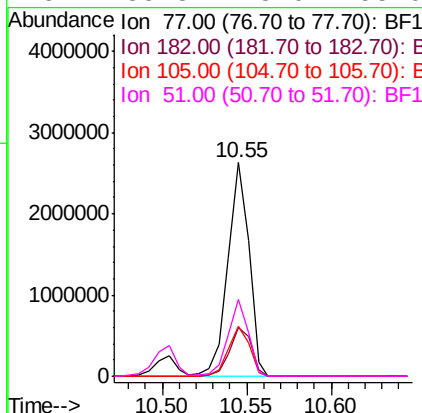
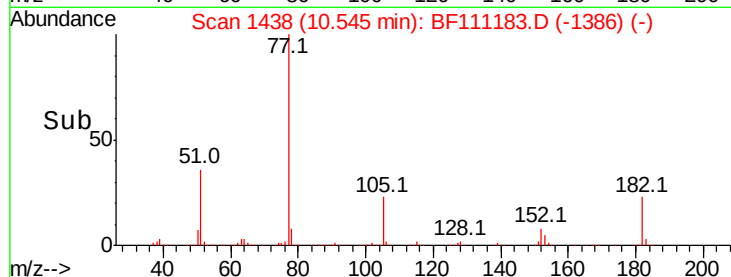
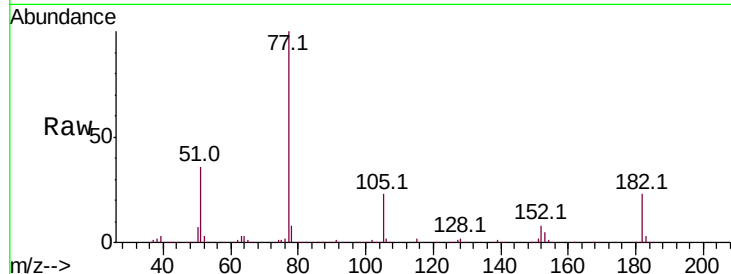
#63
Azobenzene
Concen: 42.802 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.4	41.4
105	23.1	4.7	44.7
51	35.8	18.0	58.0

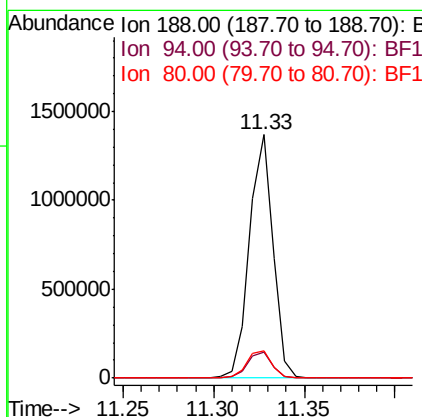
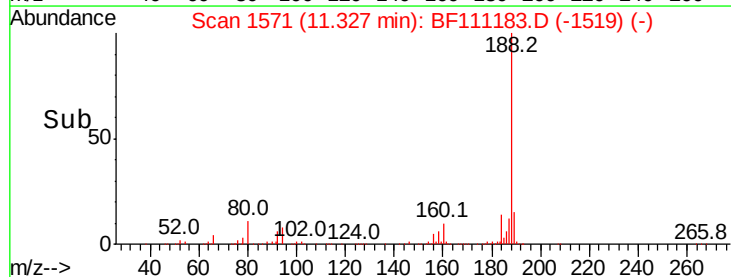
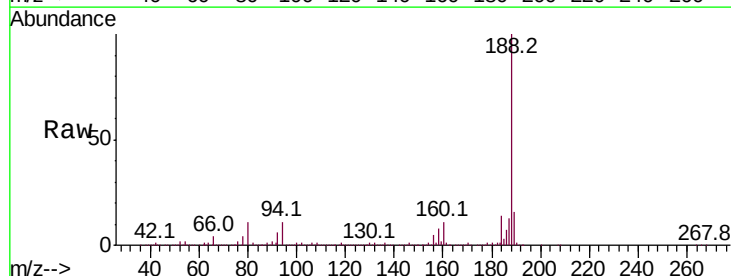
Manual Integrations
APPROVED

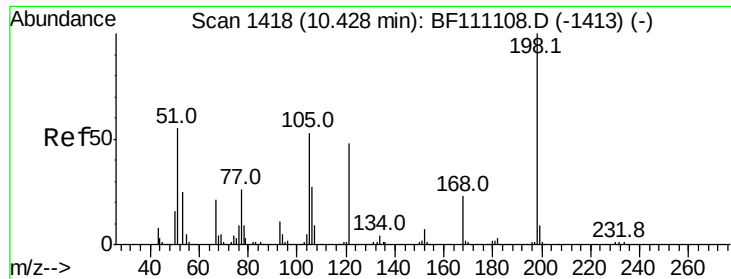
Sohil
12/11/2018 8:44:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 52.179 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion:198 Resp: 266557

Ion Ratio Lower Upper

198 100

51 68.5 48.8 88.8

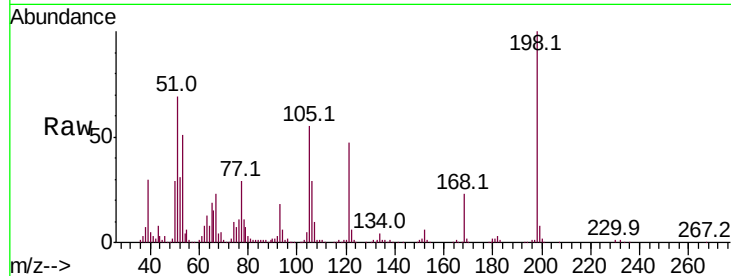
105 54.7 35.2 75.2

Manual Integrations

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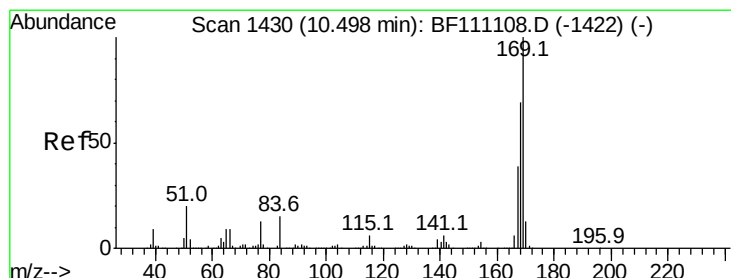
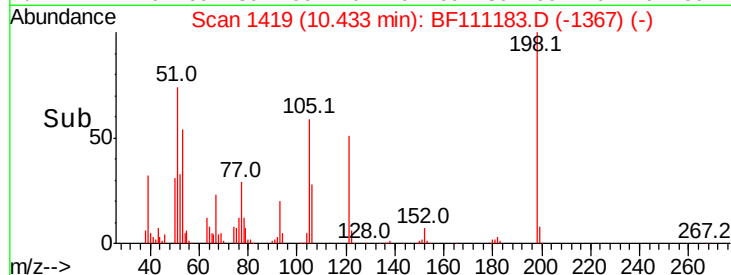
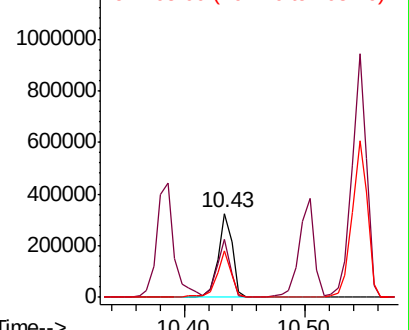
12/11/2018 8:44:41 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.398 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

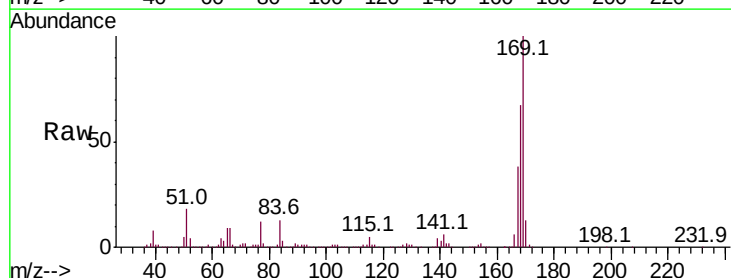
Tgt Ion:169 Resp: 1835753

Ion Ratio Lower Upper

169 100

168 67.1 55.4 83.2

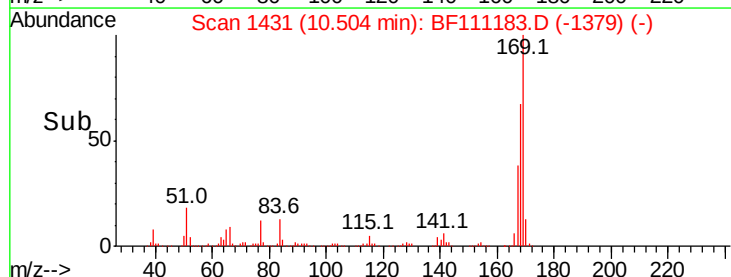
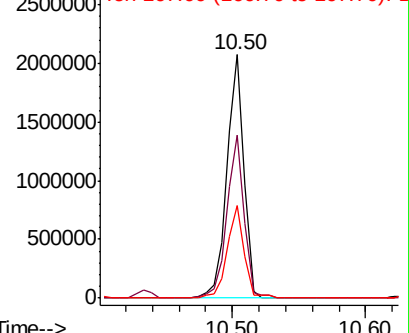
167 37.8 31.1 46.7

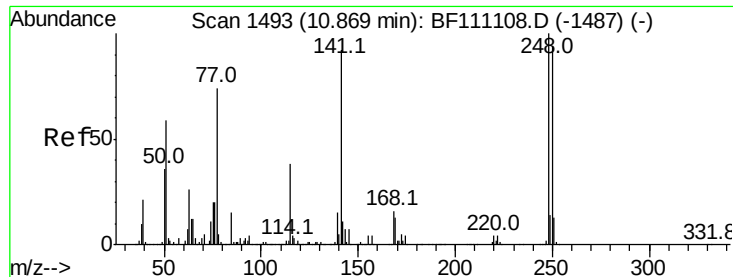


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.097 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

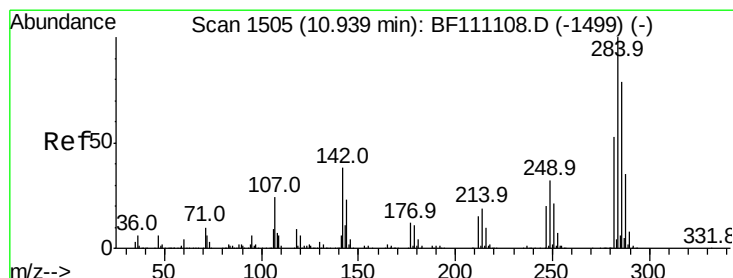
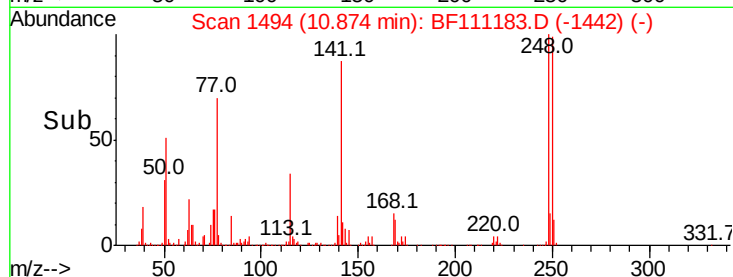
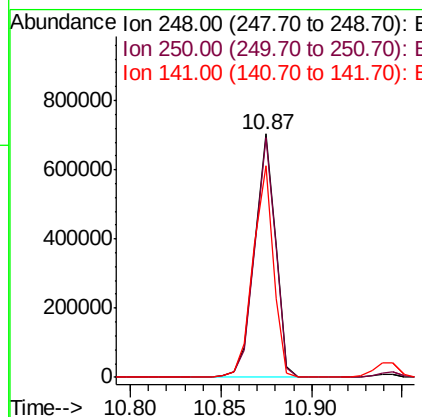
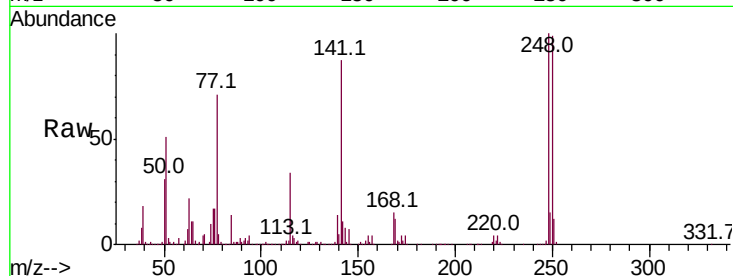
ClientSampleId :

PB115160BS

Tot Ion:	248	Resp:	564114
Ion Ratio	Lower	Upper	
248	100		
250	98.7	75.4	113.0
141	86.8	73.8	110.6

Manual Integrations
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#68

Hexachlorobenzene

Concen: 43.901 ng

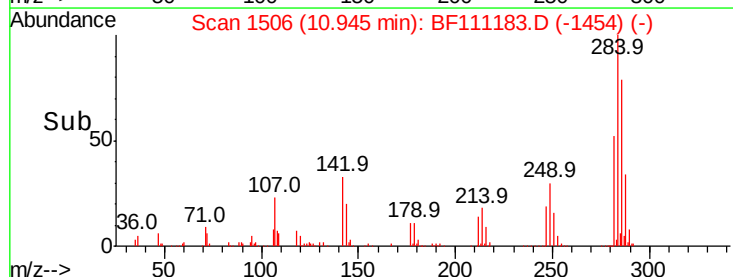
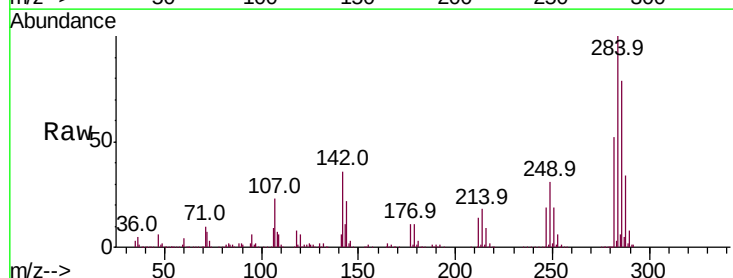
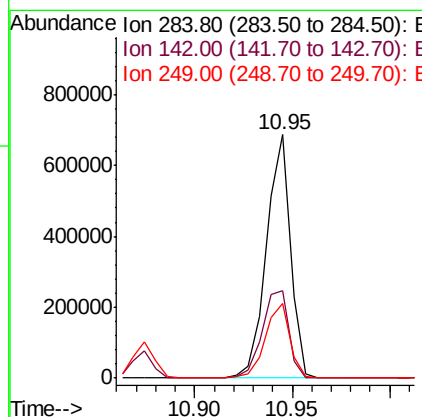
RT: 10.95 min Scan# 1506

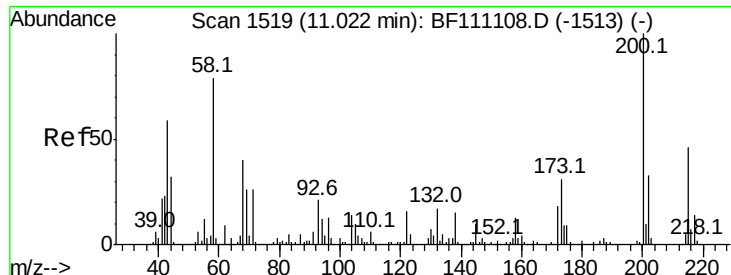
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:	284	Resp:	587583
Ion Ratio	Lower	Upper	
284	100		
142	36.0	30.2	45.2
249	30.5	25.3	37.9





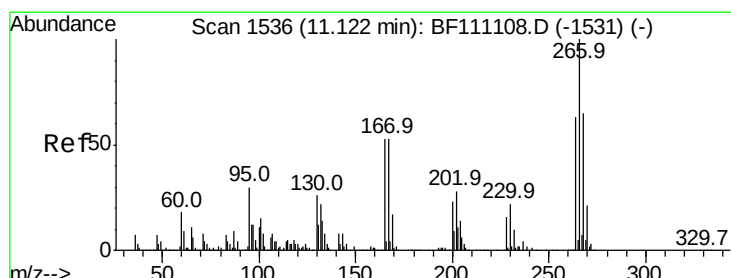
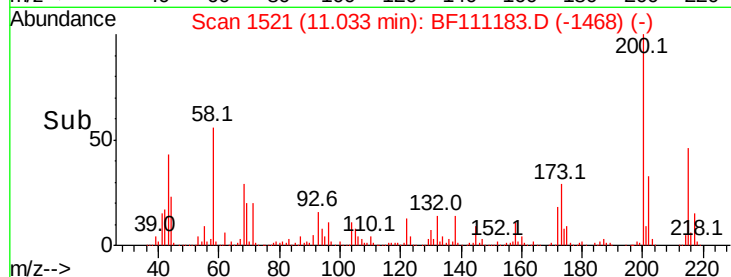
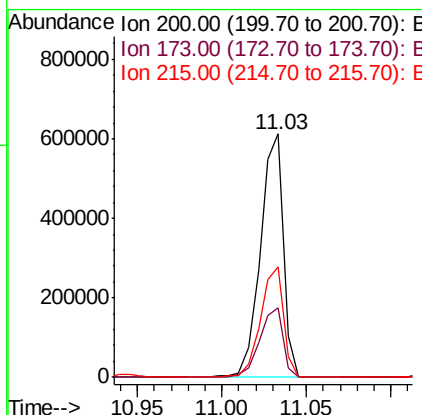
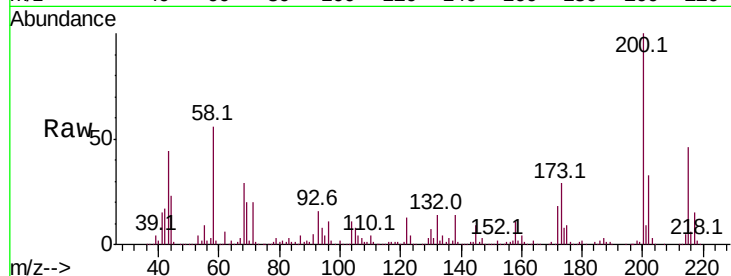
#69
Atrazine
Concen: 49.960 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	11.3	51.3
215	45.6	25.9	65.9

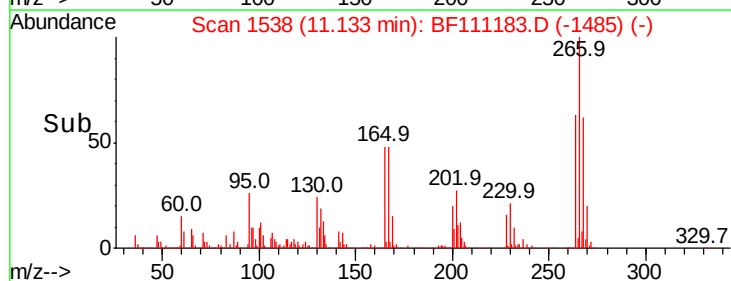
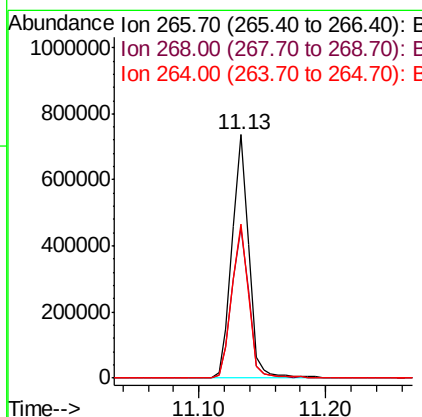
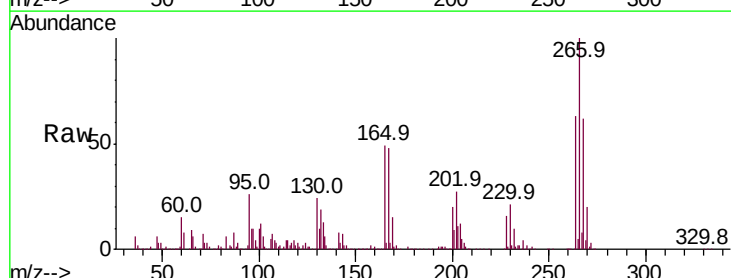
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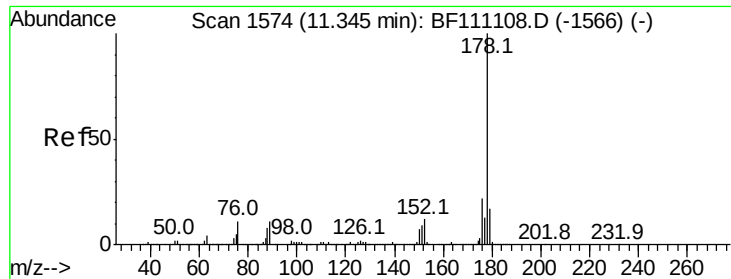
Sohil
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#70
Pentachlorophenol
Concen: 76.696 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.2	78.4
264	63.0	50.8	76.2





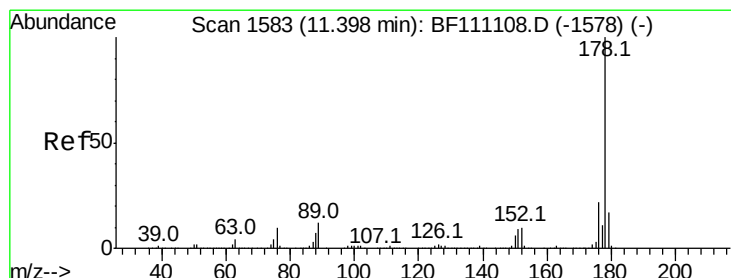
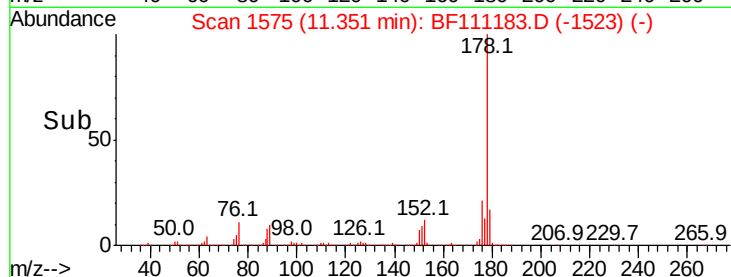
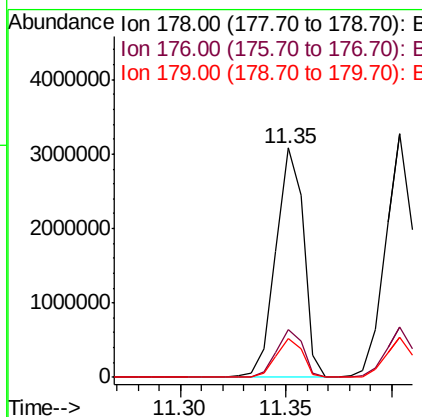
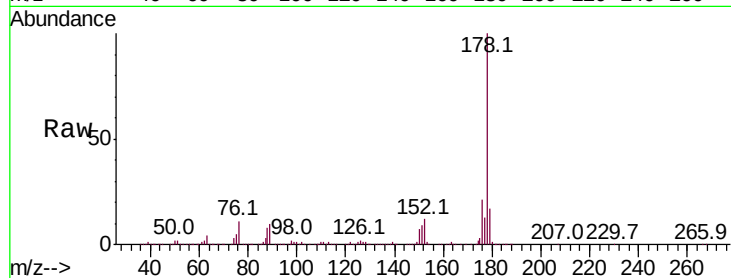
#71
Phenanthrene
Concen: 47.448 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	17.1	14.0	21.0

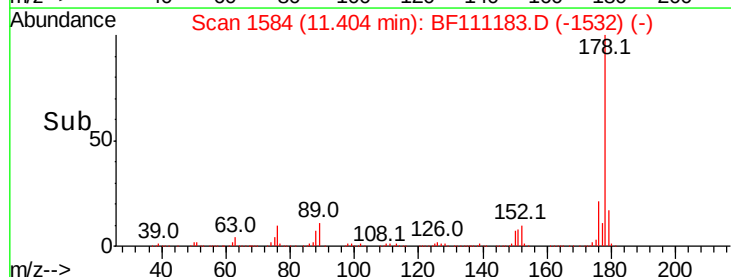
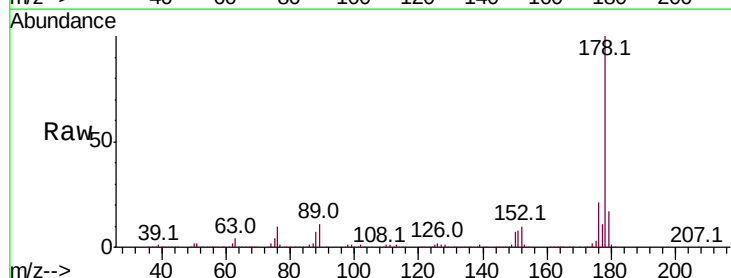
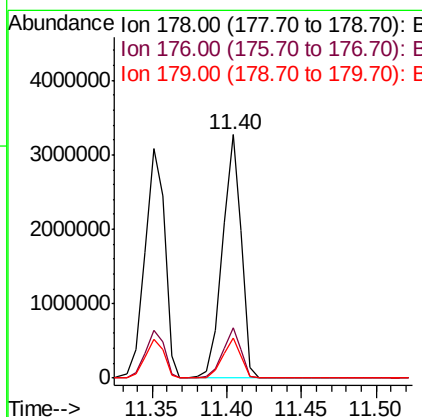
Manual Integrations
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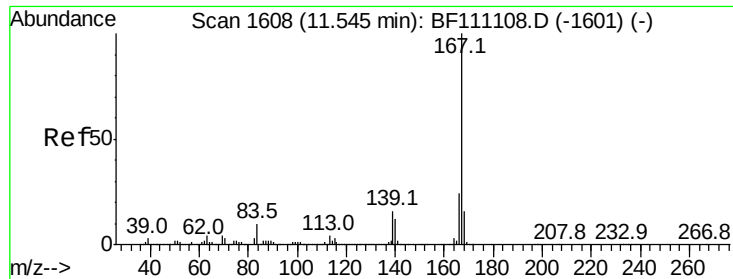
Sohil
12/11/2018 8:44:41 AM



#72
Anthracene
Concen: 48.527 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.3	25.9
179	16.6	13.8	20.8





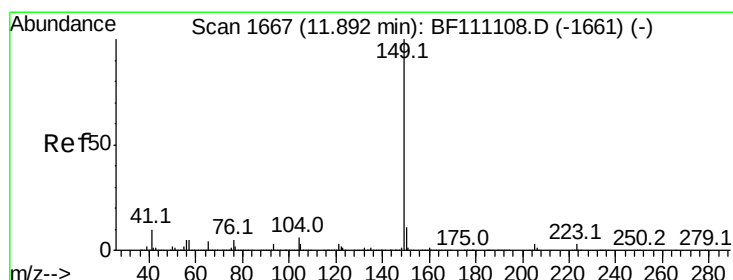
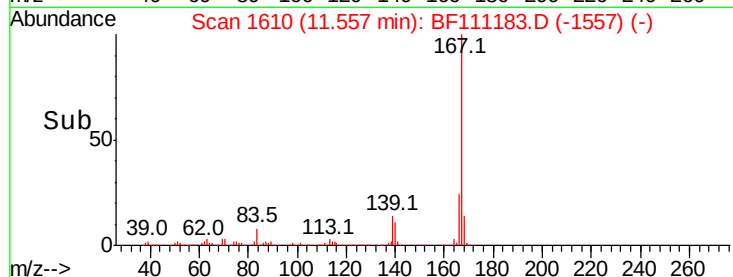
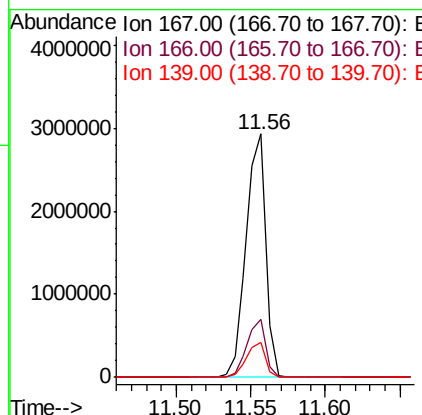
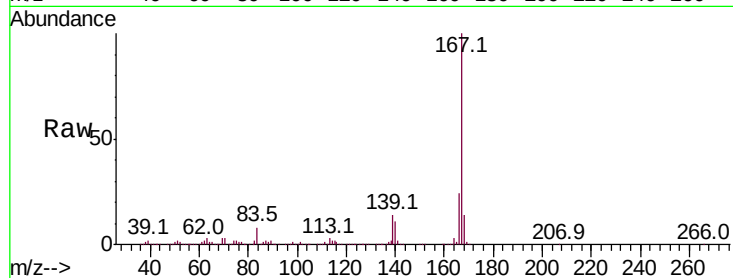
#73
 Carbazole
 Concen: 43.150 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.0
139	14.4	12.6	18.8

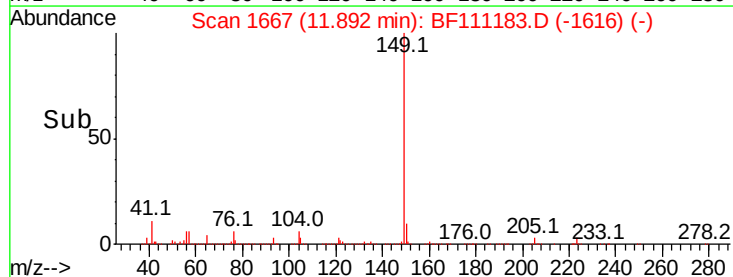
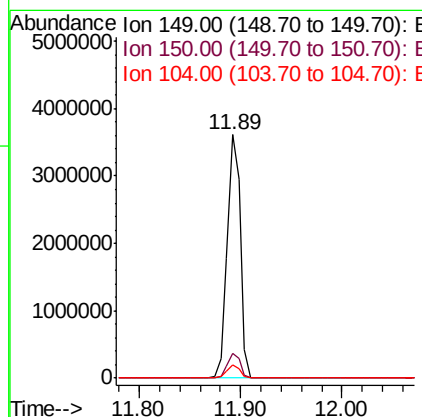
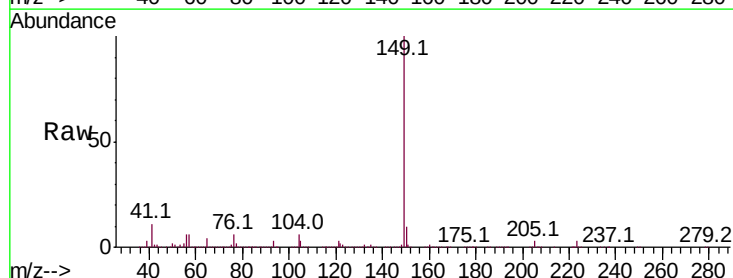
Manual Integrations
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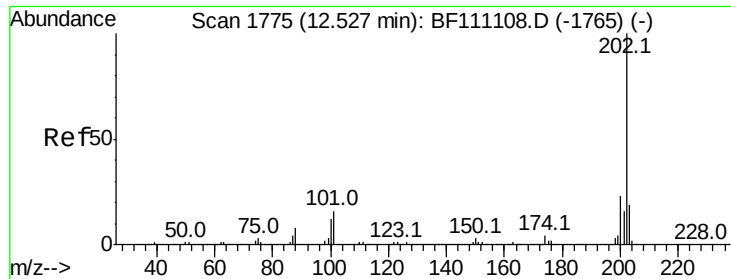
Sohil
 12/11/2018 8:44:41 AM



#74
 Di-n-butylphthalate
 Concen: 44.104 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.6	12.8
104	5.6	4.5	6.7





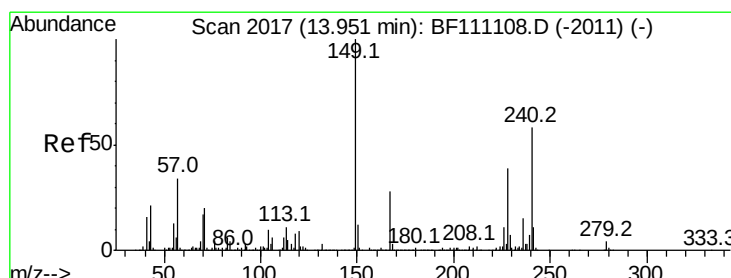
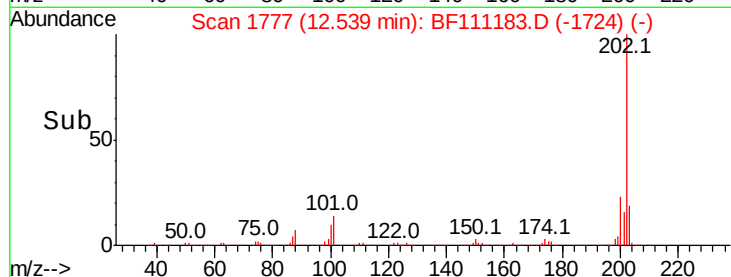
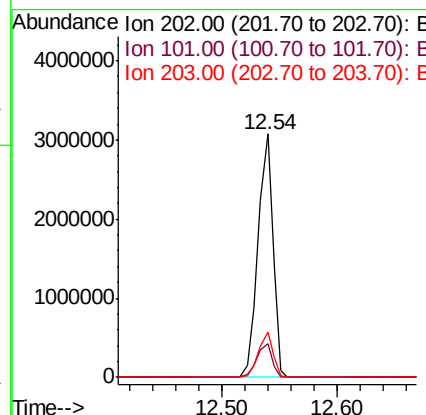
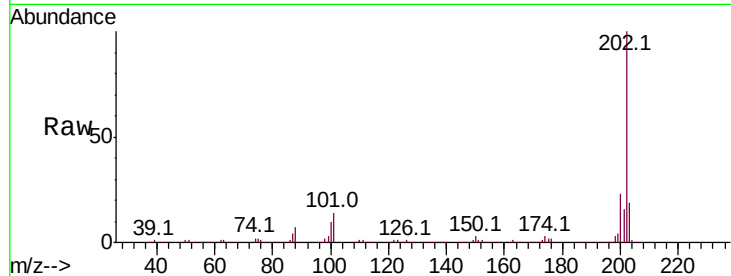
#75
Fluoranthene
Concen: 47.714 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	35.8
203	18.7	0.0	38.6

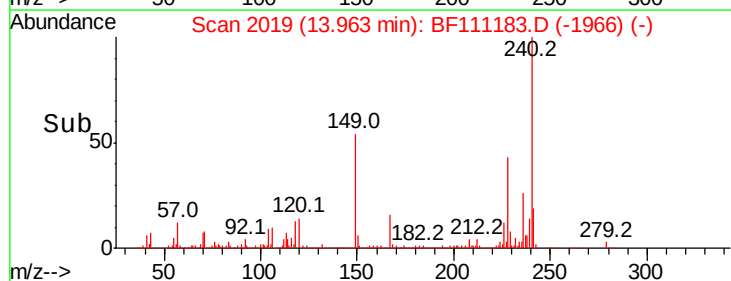
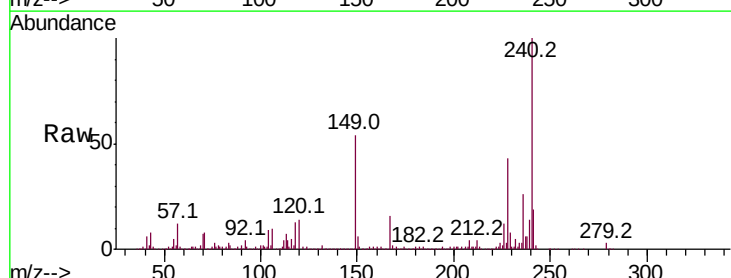
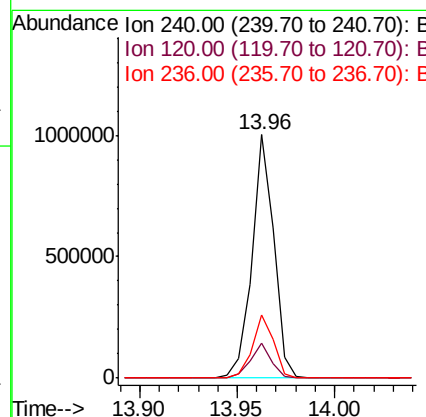
Manual Integrations
APPROVED

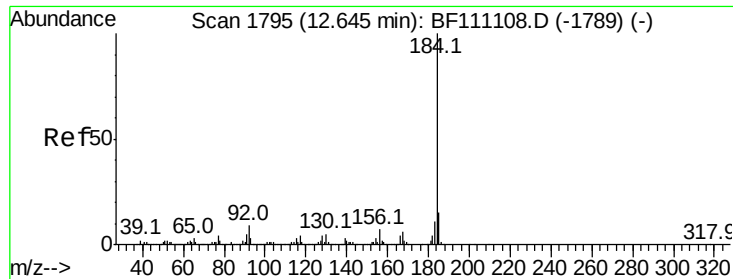
Sohil
12/11/2018 8:44:41 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	12.8	19.2
236	26.1	21.1	31.7





#77

Benzidine

Concen: 50.815 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

ClientSampleId :

PB115160BS

Tot Ion:184 Resp: 1314826

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

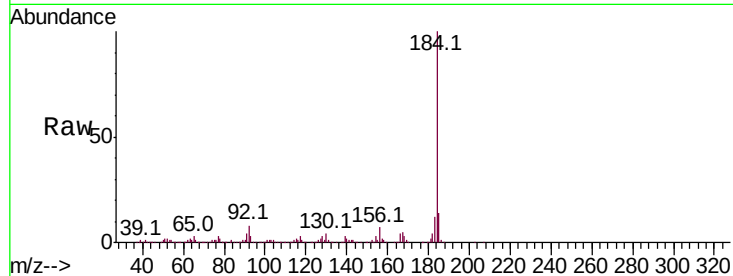
183 12.1 8.9 13.3

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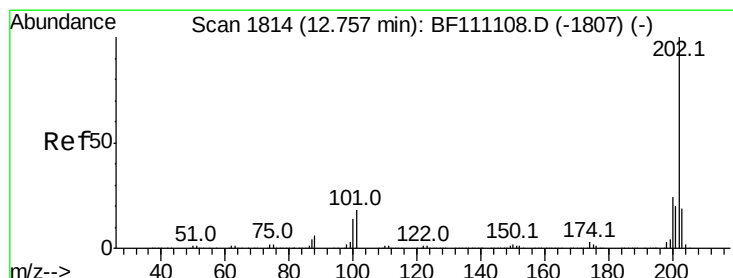
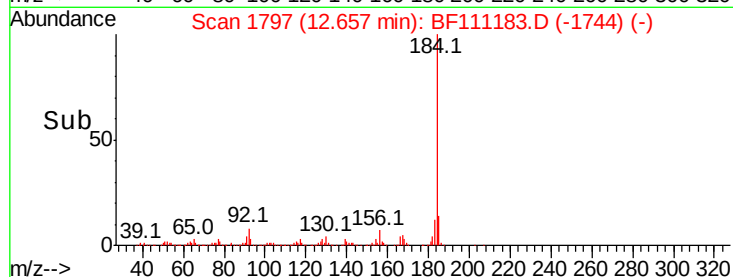
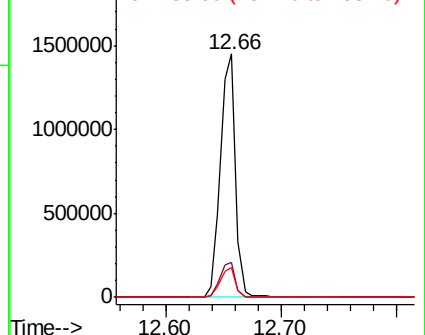


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.205 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

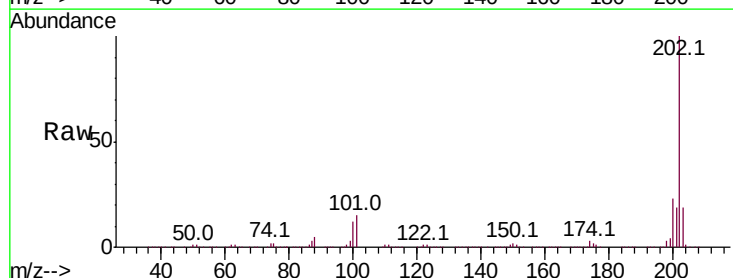
Tgt Ion:202 Resp: 2793116

Ion Ratio Lower Upper

202 100

200 23.0 19.3 28.9

203 18.7 15.4 23.2

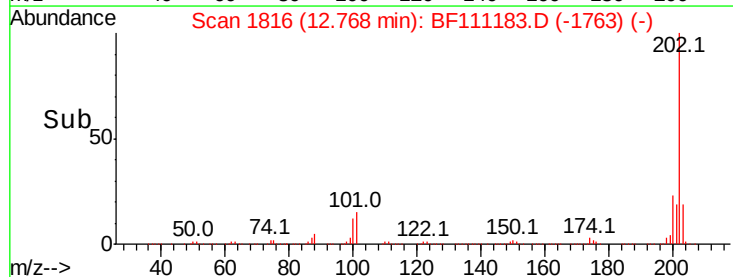
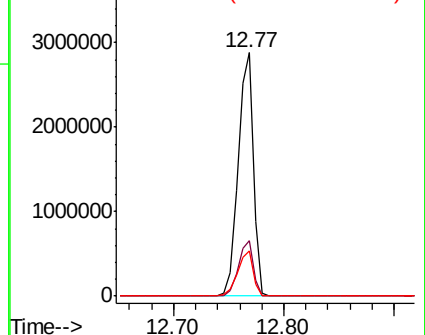


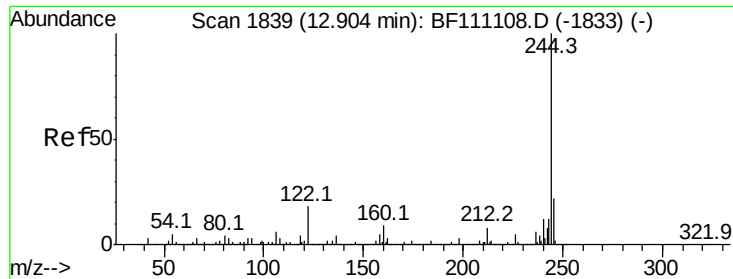
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





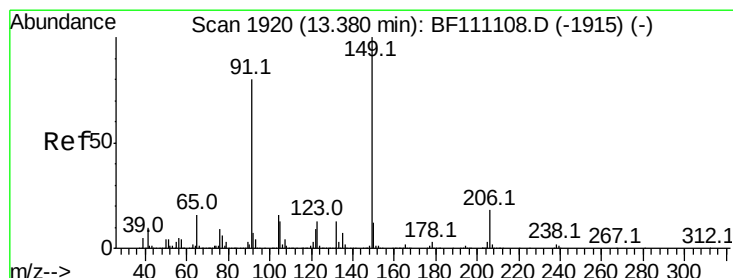
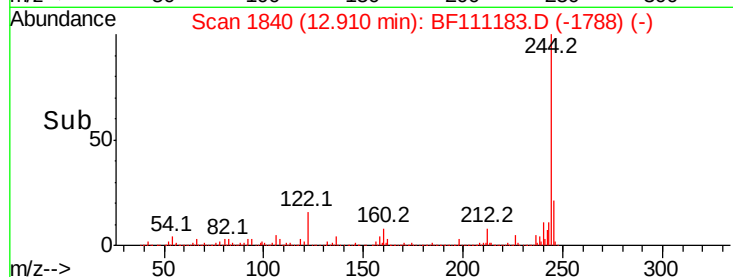
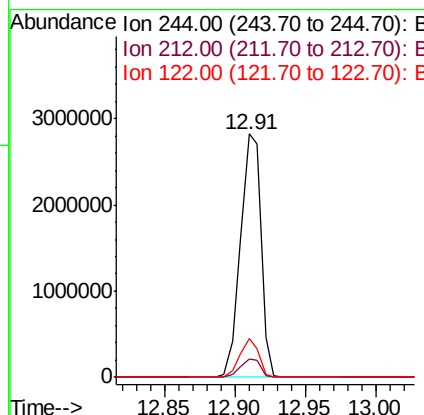
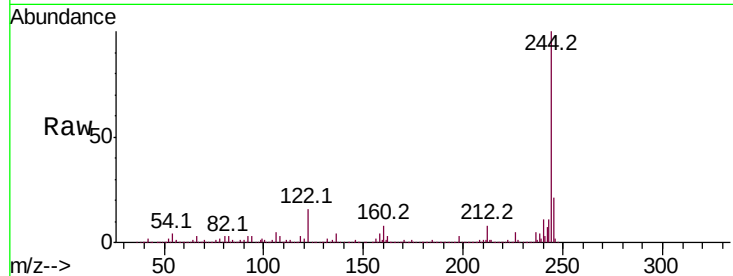
#79
Terphenyl-d14
Concen: 75.414 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	16.2	14.2	21.2

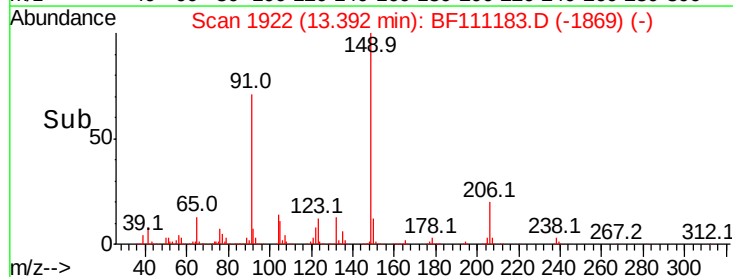
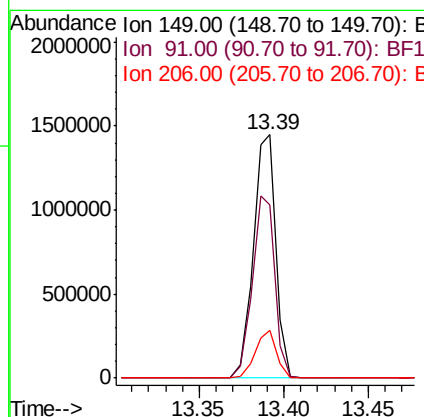
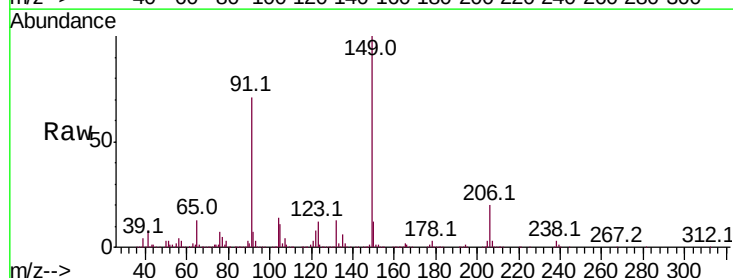
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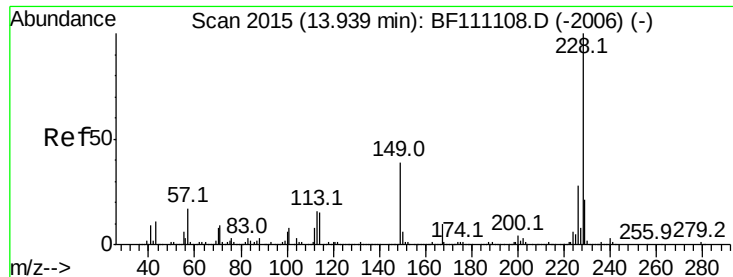
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#80
Butylbenzylphthalate
Concen: 46.259 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	64.0	96.0
206	19.8	14.1	21.1





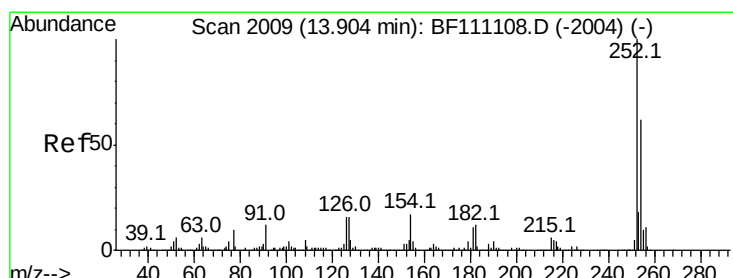
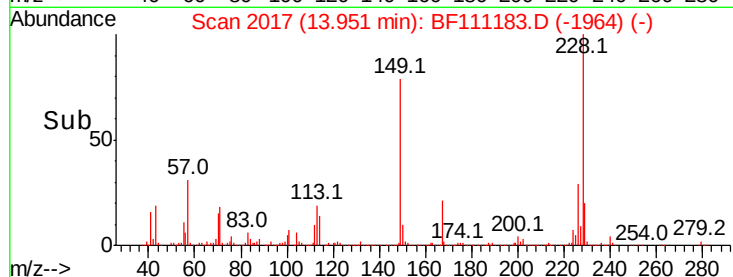
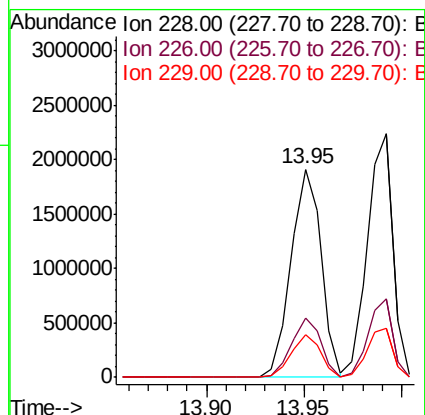
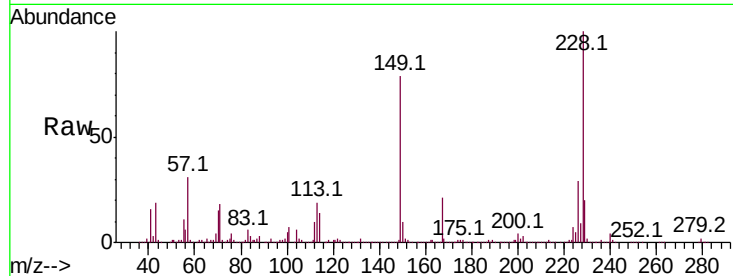
#81
Benzo(a)anthracene
Concen: 44.917 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.2	16.7	25.1

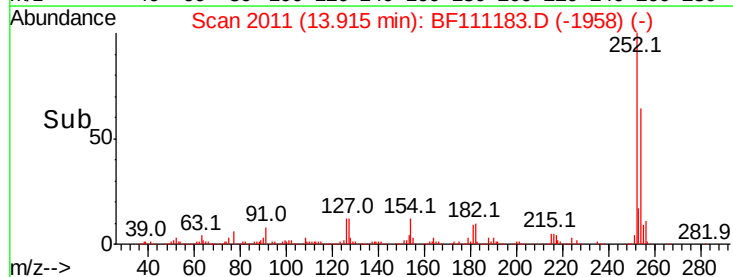
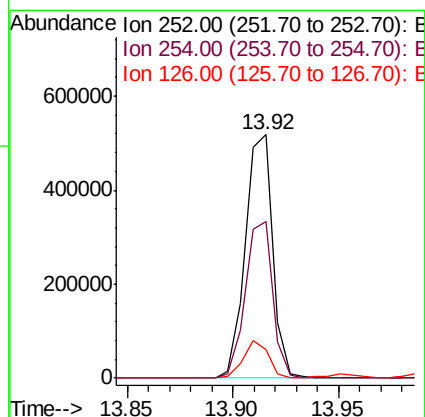
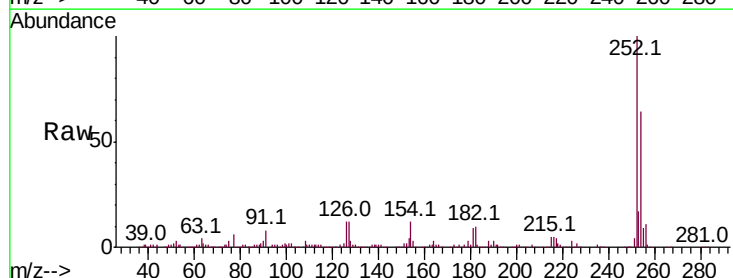
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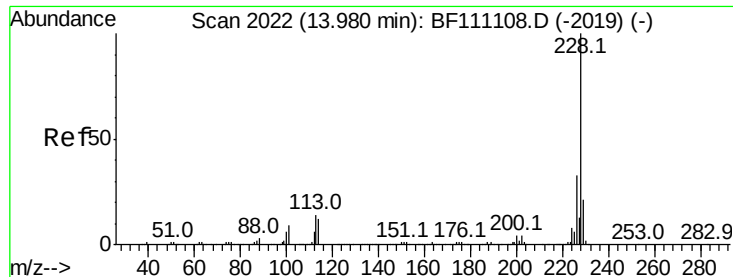
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#82
3,3'-Dichlorobenzidine
Concen: 27.106 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	49.8	74.8
126	11.7	12.9	19.3





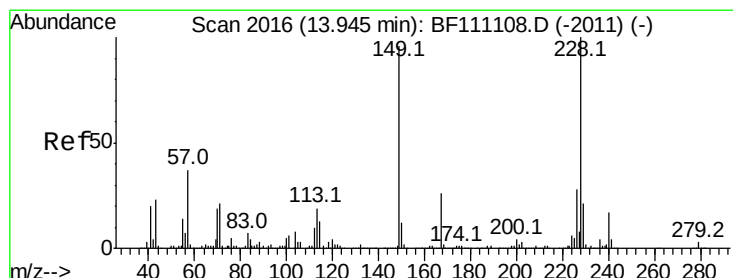
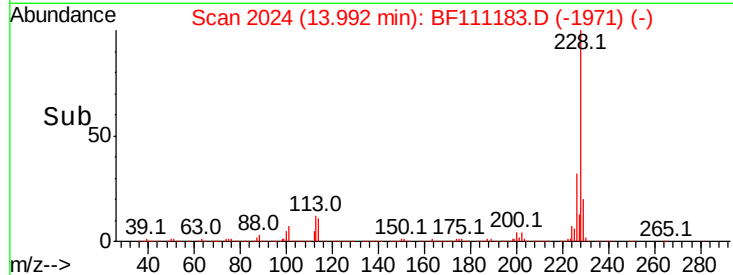
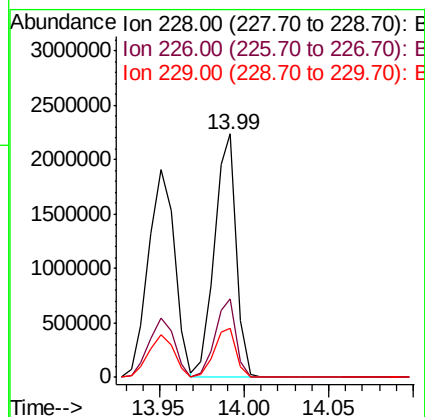
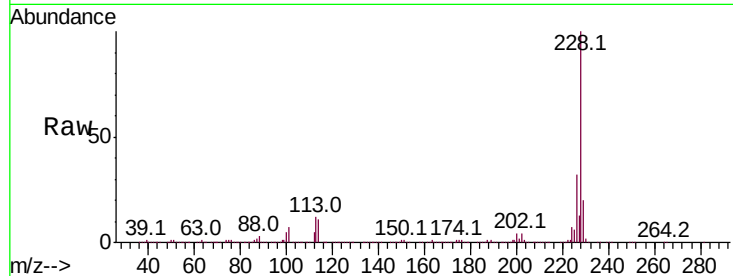
#83
 Chrvsene
 Concen: 44.855 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.2	39.2
229	20.3	16.9	25.3

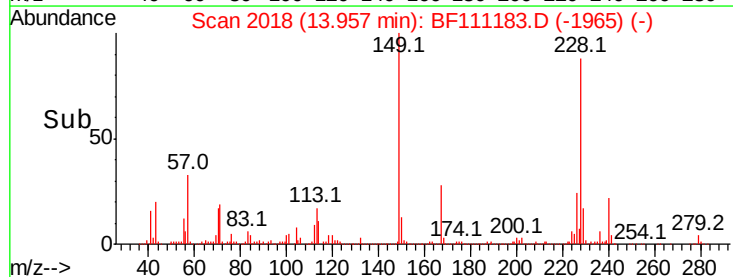
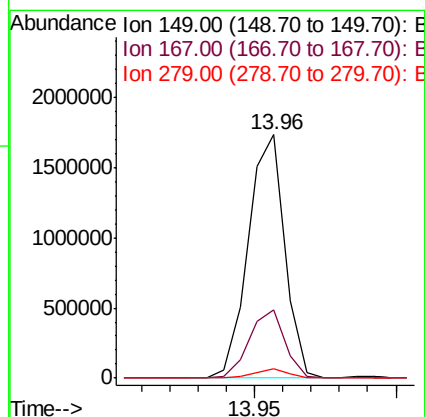
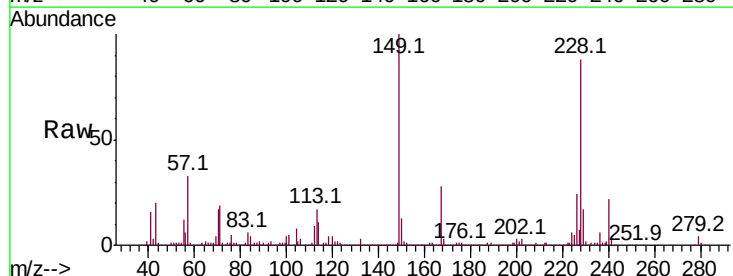
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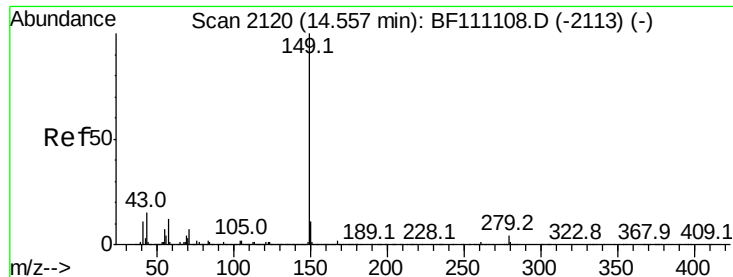
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.062 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111183.D
 Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	3.8	2.3	3.5#





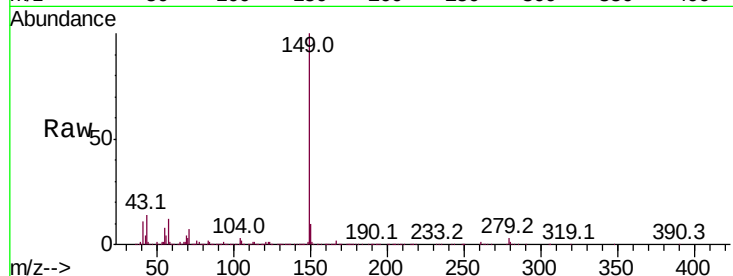
#85
Di-n-octyl phthalate
Concen: 45.268 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.4	11.9	17.9

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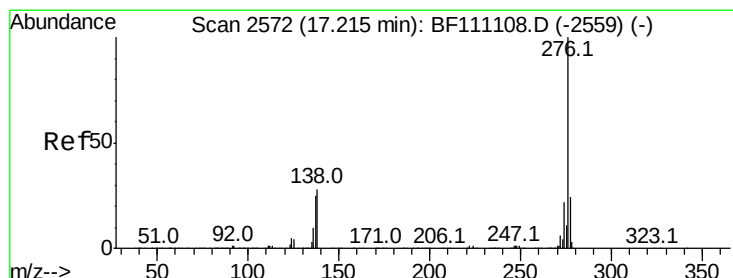
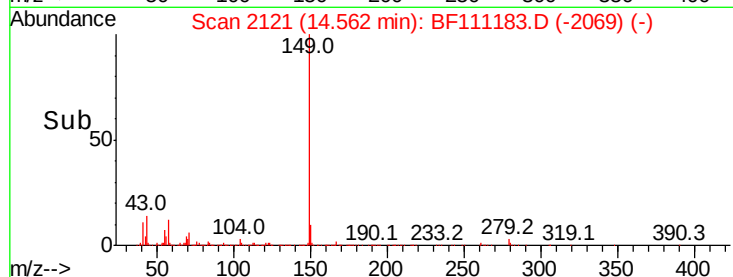
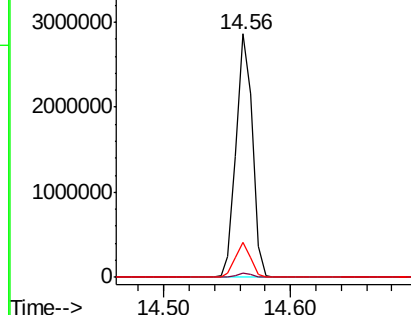


Abundance

Ion 149.00 (148.70 to 149.70): E

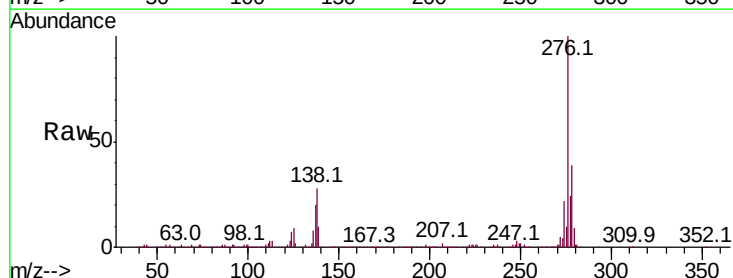
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.250 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	20.2	30.4#
277	25.1	15.8	23.6#

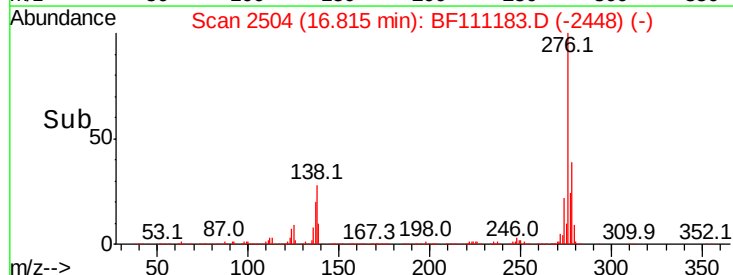
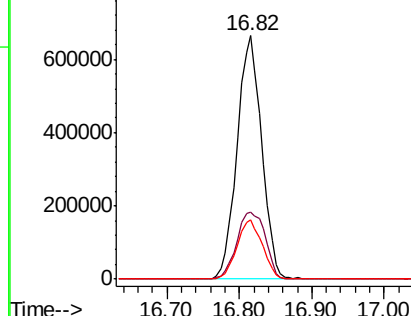


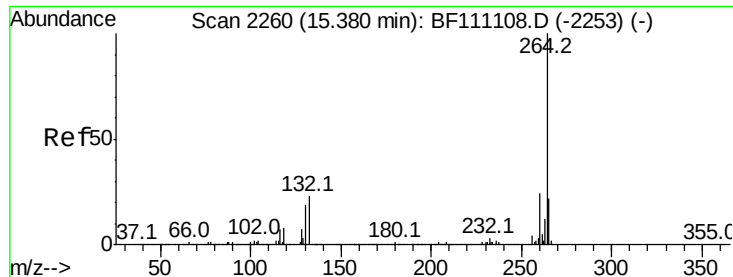
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Instrument :

BNA_F

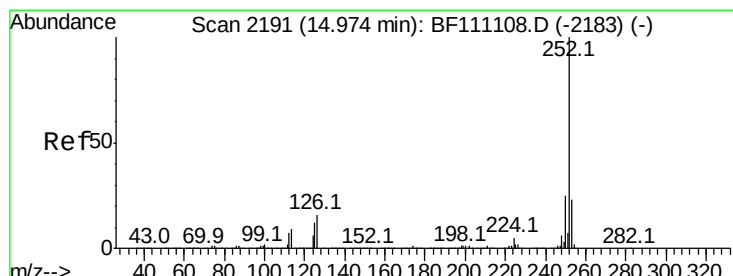
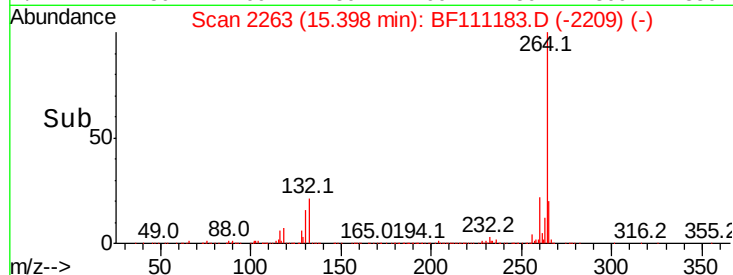
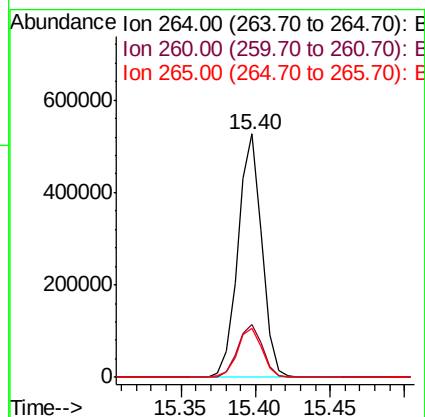
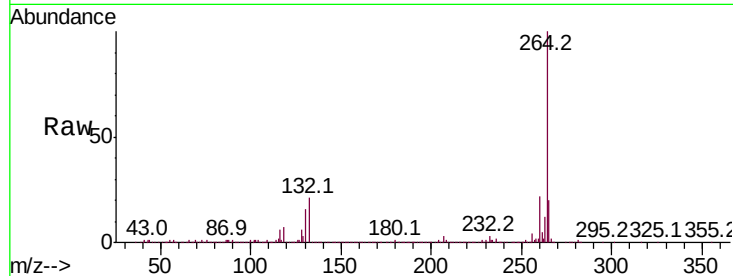
ClientSampleId :

PB115160BS

Tot Ion:	264	Resp:	586854
Ion Ratio	Lower	Upper	
264	100		
260	21.8	19.4	29.0
265	20.3	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 49.378 ng

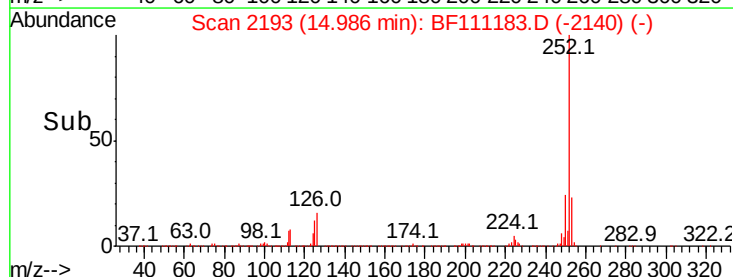
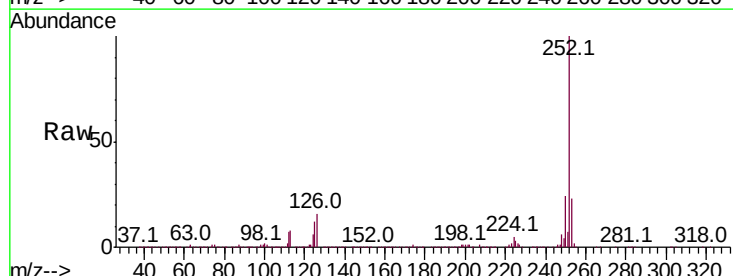
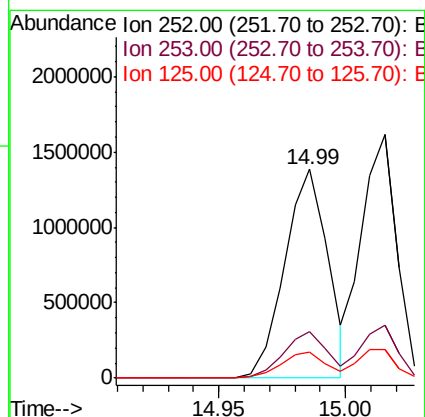
RT: 14.99 min Scan# 2193

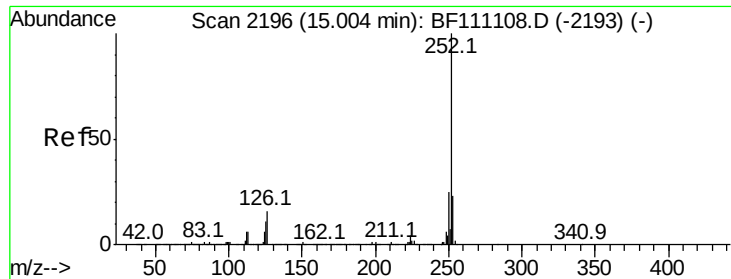
Delta R.T. 0.01 min

Lab File: BF111183.D

Acq: 7 Dec 2018 13:32

Tgt Ion:	252	Resp:	1642011
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.5	27.7
125	12.2	9.9	14.9





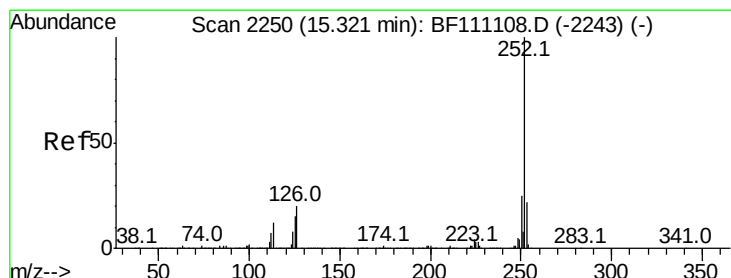
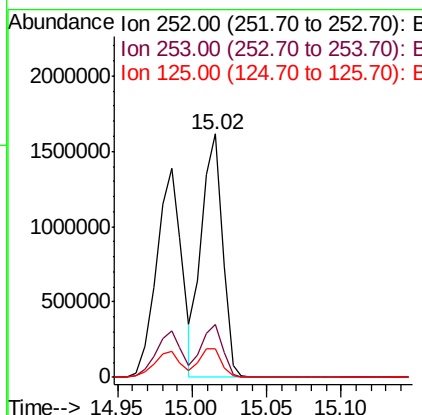
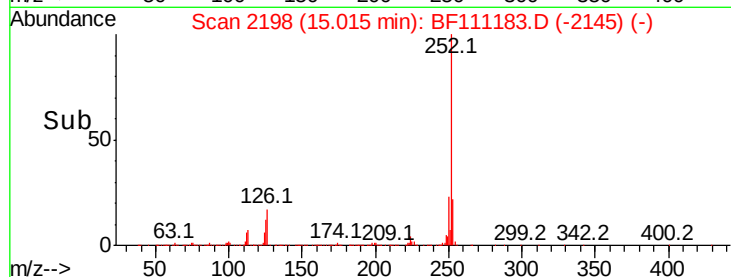
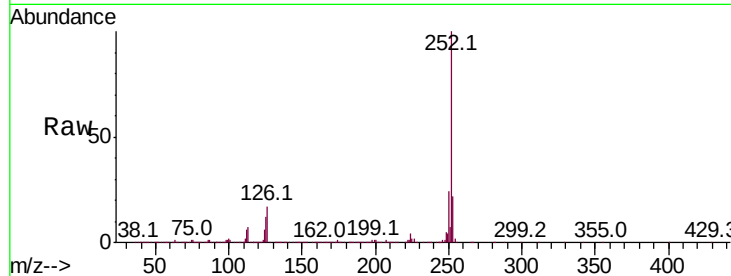
#89
Benzo(k)fluoranthene
Concen: 48.810 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.6	9.9	14.9

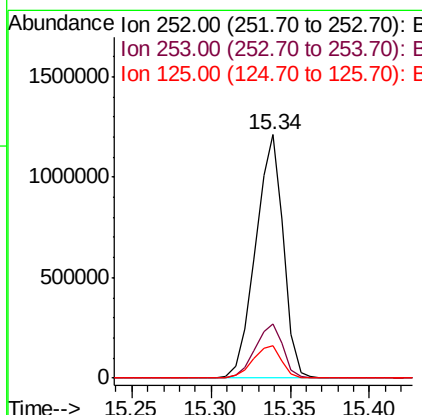
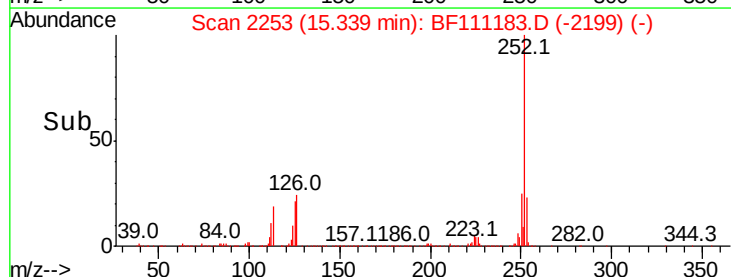
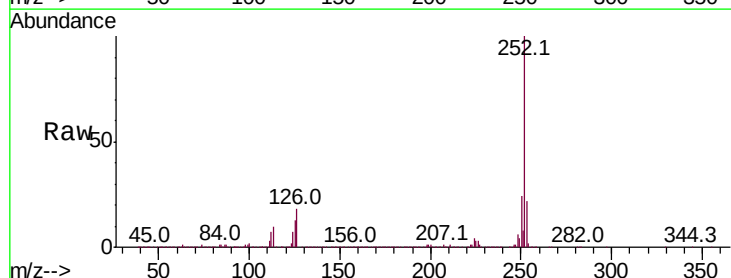
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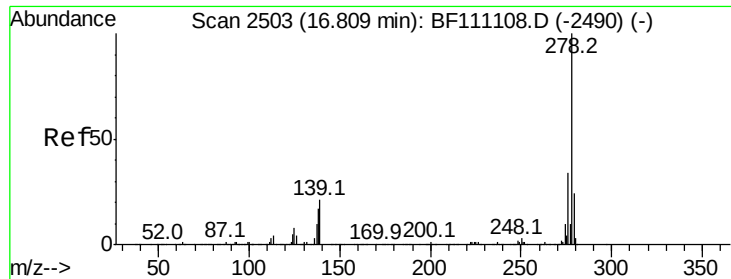
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#90
Benzo(a)pyrene
Concen: 48.284 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.4	12.4	18.6





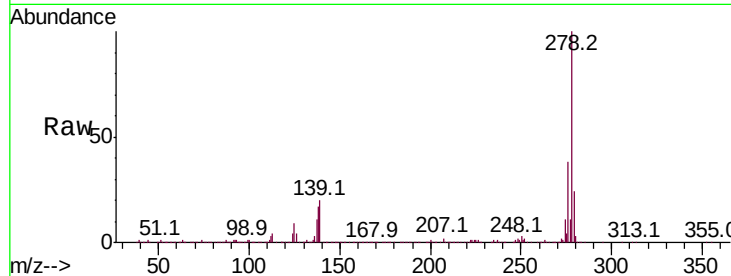
#91
Dibenzo(a,h)anthracene
Concen: 51.050 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Instrument :
BNA_F
ClientSampleId :
PB115160BS

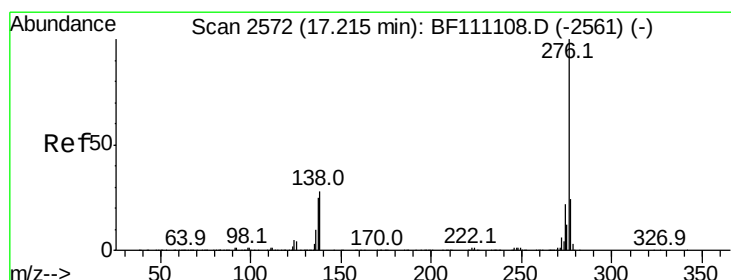
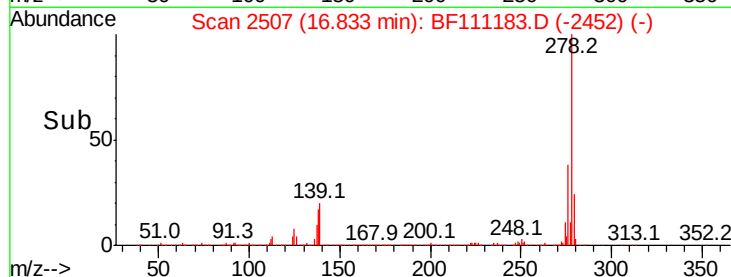
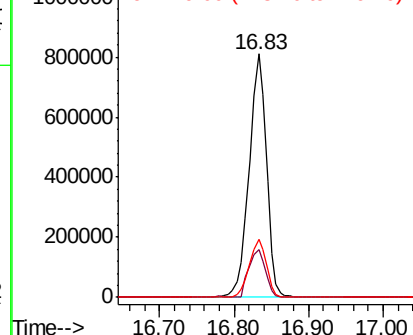
Tot Ion:278 Resp: 1306684
Ion Ratio Lower Upper
278 100
139 19.7 16.6 25.0
279 23.8 18.8 28.2

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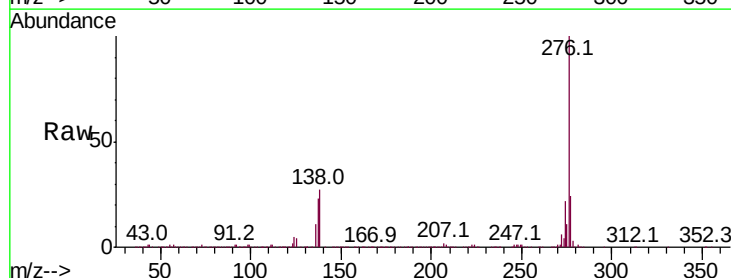


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.266 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111183.D
Acq: 7 Dec 2018 13:32

Tgt Ion:276 Resp: 1344381
Ion Ratio Lower Upper
276 100
277 24.3 19.3 28.9
138 27.0 22.3 33.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

