

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111199.D
 Acq On : 7 Dec 2018 20:54
 Operator : JU/SJ
 Sample : J6214-18MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:48 AM

Quant Time: Dec 08 02:01:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	402380	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1724642	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	828069	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1194402	20.00	ng	0.00
76) Chrysene-d12	13.96	240	638867	20.00	ng	0.01
87) Perylene-d12	15.39	264	763233	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	2646497	102.63	ng	0.01
7) Phenol-d6	6.44	99	4147375	124.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	2213527	75.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	729152	110.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3767985	84.07	ng	0.00
79) Terphenyl-d14	12.91	244	3224150	103.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	544511	36.712	ng	94
3) Pyridine	3.30	79	1484904	45.140	ng	89
4) n-Nitrosodimethylamine	3.23	42	761024	46.987	ng	85
6) Aniline	6.47	93	676999	15.255	ng	98
8) 2-Chlorophenol	6.59	128	1225827	41.244	ng	95
9) Benzaldehyde	6.35	77	615568	32.781	ng	99
10) Phenol	6.46	94	1745397	48.191	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	1207132	40.779	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1201811	38.021	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1168352	36.729	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1015785	34.328	ng	99
15) Benzyl Alcohol	6.95	79	941144	35.759	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1939267	33.678	ng	99
17) 2-Methylphenol	7.06	107	853777	34.994	ng	98
18) Hexachloroethane	7.32	117	402003	33.688	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	734265	32.893	ng	97
20) 3+4-Methylphenols	7.21	107	1037378	34.862	ng	97
22) Acetophenone	7.22	105	1373751	32.961	ng	95
24) Nitrobenzene	7.39	77	1080315	34.471	ng	99
25) Isophorone	7.63	82	1961379	36.688	ng	99
26) 2-Nitrophenol	7.70	139	536796	40.537	ng	91
27) 2,4-Dimethylphenol	7.74	122	929148	37.257	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1276789	35.278	ng	99
29) 2,4-Dichlorophenol	7.95	162	988214	40.250	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	982193	39.635	ng	98
31) Naphthalene	8.11	128	3328872	44.332	ng	98
32) Benzoic acid	7.81	122	154985m	9.424	ng	
33) 4-Chloroaniline	8.15	127	175691	4.840	ng	98
34) Hexachlorobutadiene	8.23	225	516914	38.383	ng	99
35) Caprolactam	8.52	113	352132m	39.063	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1149041	42.727	ng	98
37) 2-Methylnaphthalene	8.80	142	2319495	44.782	ng	98
38) 1-Methylnaphthalene	8.90	142	2163451	43.445	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	876585	39.719	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	943063	81.039	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	675037	41.879	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	722188	44.198	nq	98
46) 1,1'-Biphenyl	9.27	154	2719891	40.124	nq	98
47) 2-Chloronaphthalene	9.29	162	2074499	39.383	nq	95
48) 2-Nitroaniline	9.38	65	727309	42.606	nq	91
49) Acenaphthylene	9.70	152	3232997	43.909	nq	99
50) Dimethylphthalate	9.57	163	2823554	48.994	nq	100
51) 2,6-Dinitrotoluene	9.62	165	567300	46.430	nq	94
52) Acenaphthene	9.88	154	2086200	42.888	nq	99
53) 3-Nitroaniline	9.79	138	246119	16.036	nq	# 94
54) 2,4-Dinitrophenol	9.89	184	336462	86.338	nq	# 70
55) Dibenzofuran	10.05	168	2789720	41.638	nq	95
56) 4-Nitrophenol	9.95	139	937963	81.100	nq	89
57) 2,4-Dinitrotoluene	10.03	165	753293	47.736	nq	96
58) Fluorene	10.39	166	1800352	38.106	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	556703	45.649	nq	95
60) Diethylphthalate	10.27	149	2264042	39.311	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	814745	34.992	nq	93
62) 4-Nitroaniline	10.40	138	455339	32.872	nq	95
63) Azobenzene	10.55	77	2059434	33.587	nq	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	236216	47.870	nq	86
66) n-Nitrosodiphenylamine	10.50	169	1678322	40.130	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	518422	41.003	nq	# 90
68) Hexachlorobenzene	10.94	284	529255	40.938	nq	94
69) Atrazine	11.03	200	526566	Below Cal		98
70) Pentachlorophenol	11.13	266	616194	72.478	nq	98
71) Phenanthrene	11.35	178	2620095	45.604	nq	99
72) Anthracene	11.40	178	2633173	45.468	nq	97
73) Carbazole	11.55	167	2406074	39.928	nq	96
74) Di-n-butylphthalate	11.89	149	3020946	42.827	nq	99
75) Fluoranthene	12.53	202	2828454	50.311	nq	99
77) Benzidine	12.65	184	538355	23.231	nq	# 93
78) Pyrene	12.76	202	2978331	59.839	nq	98
80) Butylbenzylphthalate	13.39	149	1317328	54.788	nq	99
81) Benzo(a)anthracene	13.95	228	1584959	42.343	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	163576	11.580	nq	98
83) Chrysene	13.99	228	1590000	42.789	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1345782	46.338	nq	98
85) Di-n-octyl phthalate	14.56	149	2171316	47.558	nq	95
86) Indeno(1,2,3-cd)pyrene	16.81	276	2603883	87.275	nq	# 83
88) Benzo(b)fluoranthene	14.99	252	1830674	42.330	nq	99
89) Benzo(k)fluoranthene	15.02	252	1608068	38.462	nq	98
90) Benzo(a)pyrene	15.34	252	1740297	43.870	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	2118781	63.647	nq	97
92) Benzo(g,h,i)perylene	17.24	276	2067497	61.803	nq	97

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

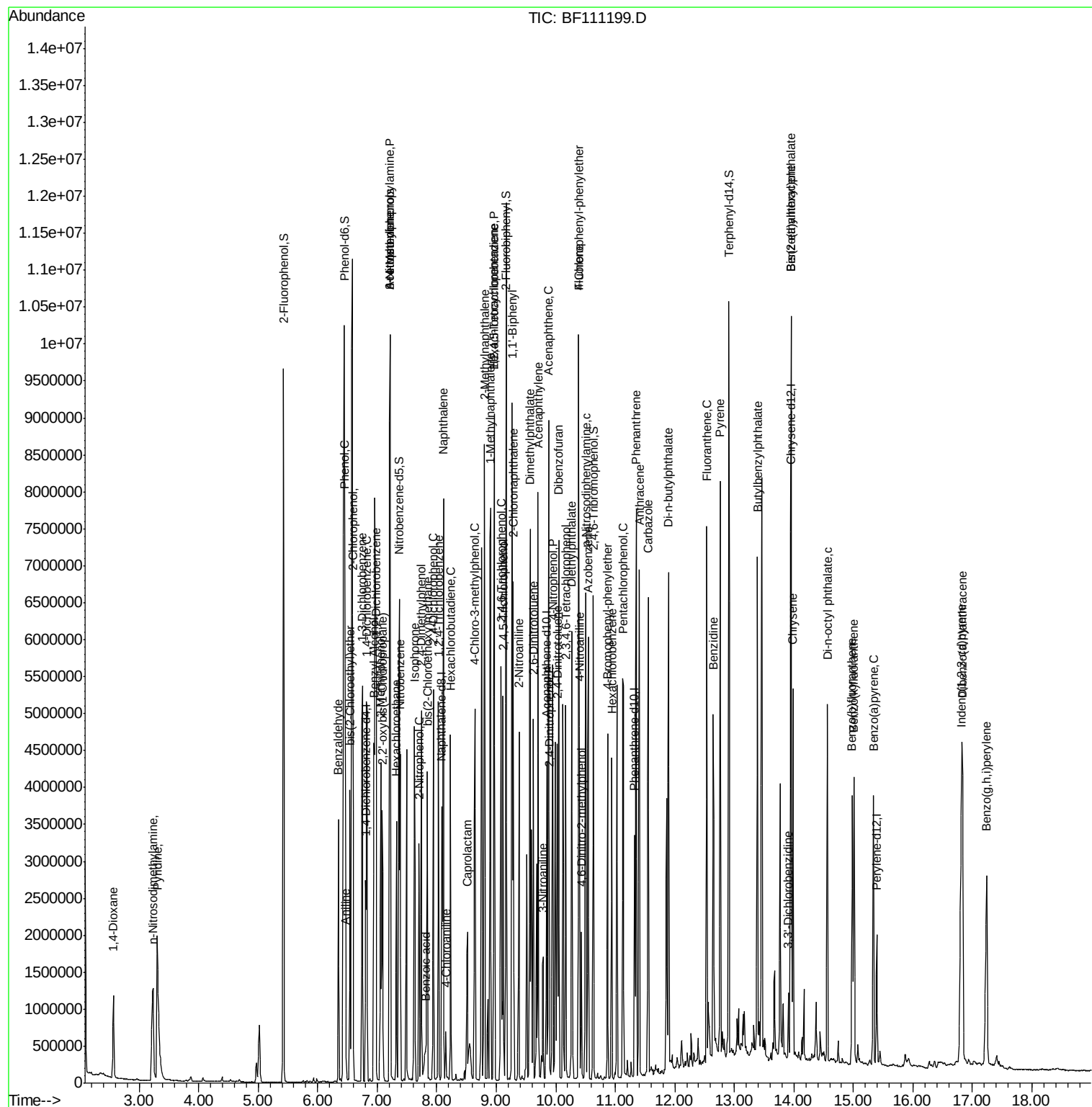
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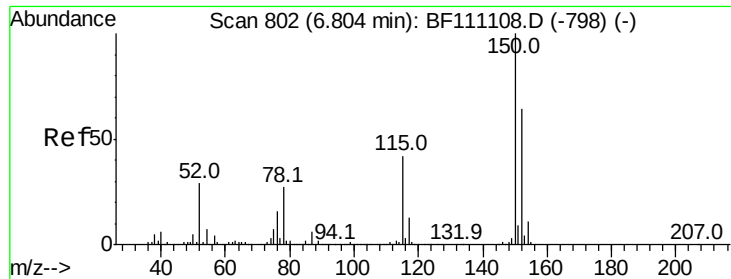
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#1

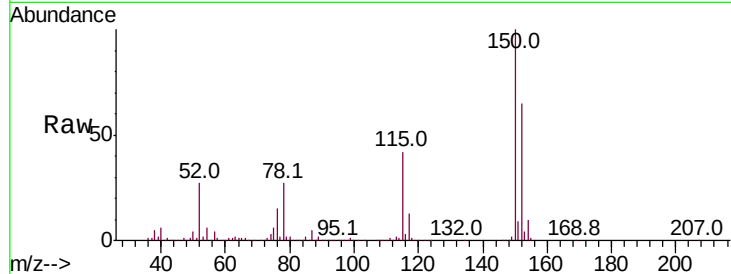
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	187.0
115	64.9	52.2	78.2

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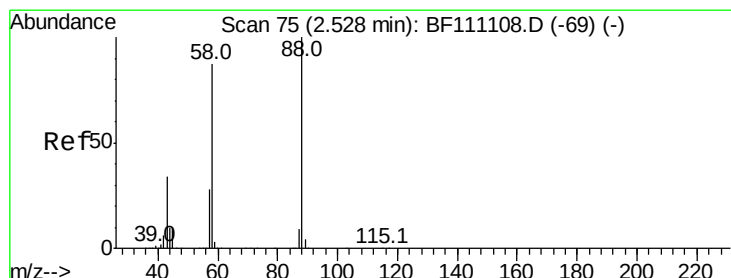
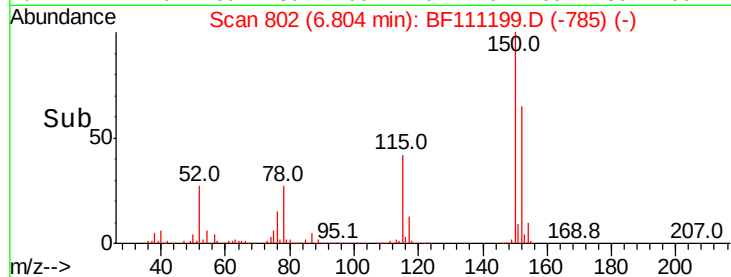
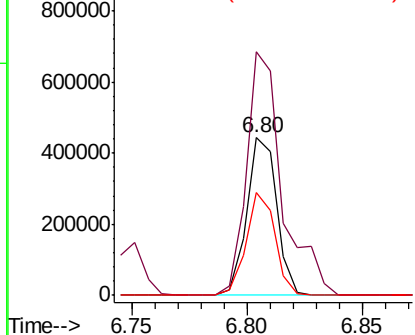


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

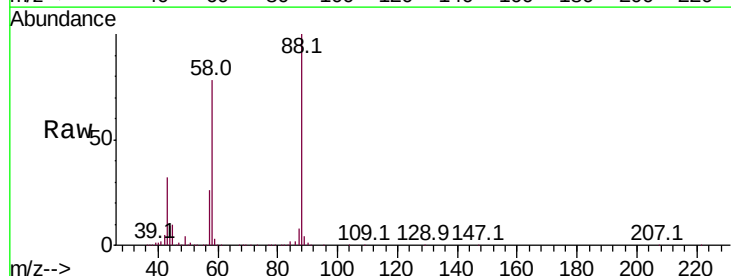
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.712 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.04 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	70.8	106.2
43	32.8	28.3	42.5

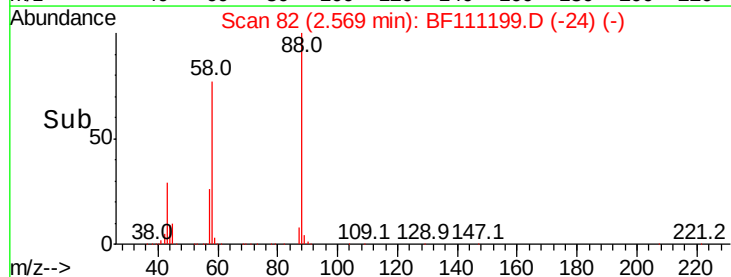
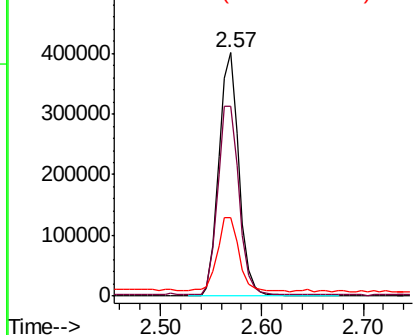


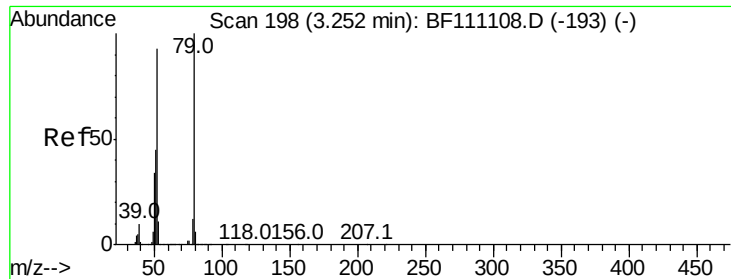
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





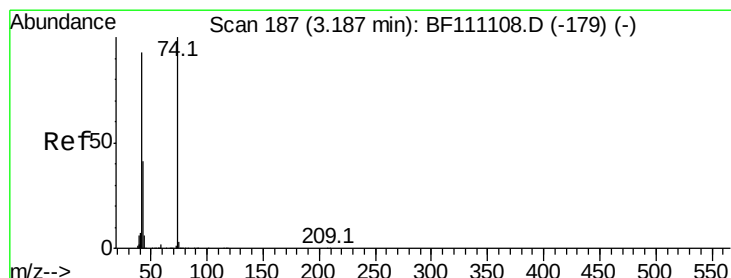
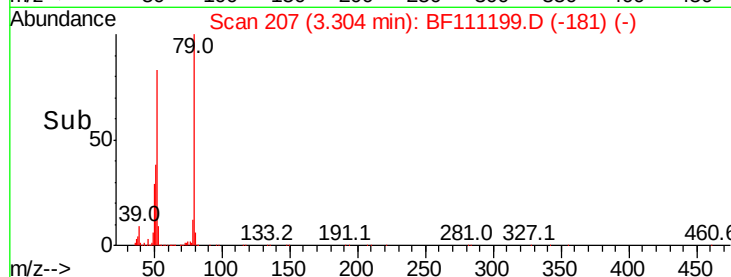
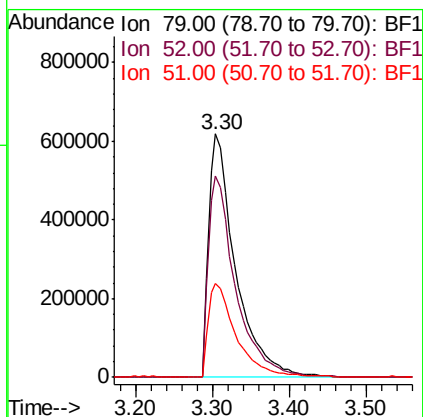
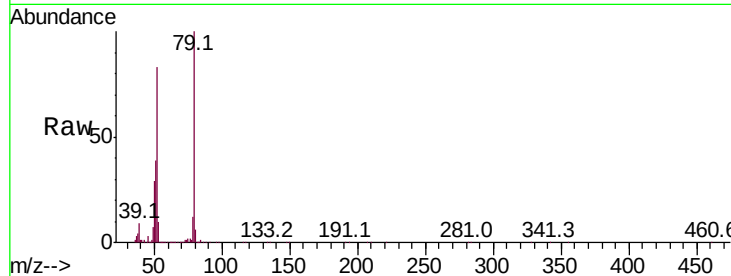
#3
 Pvridine
 Concen: 45.140 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion: 79 Resp: 1484904
 Ion Ratio Lower Upper
 79 100
 52 82.7 74.7 112.1
 51 38.6 35.9 53.9

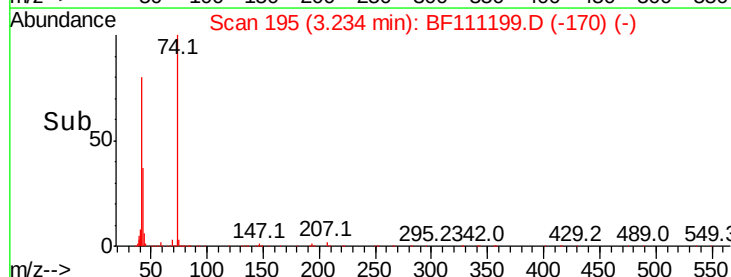
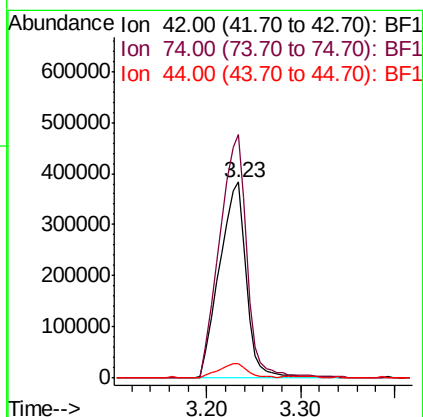
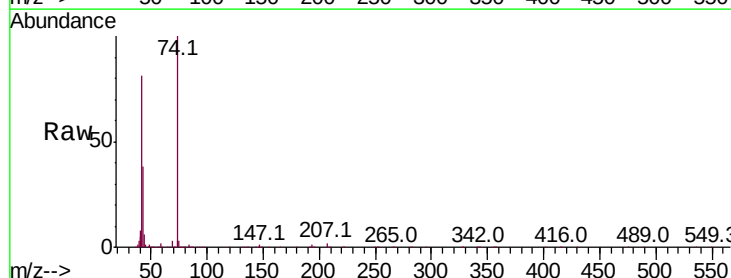
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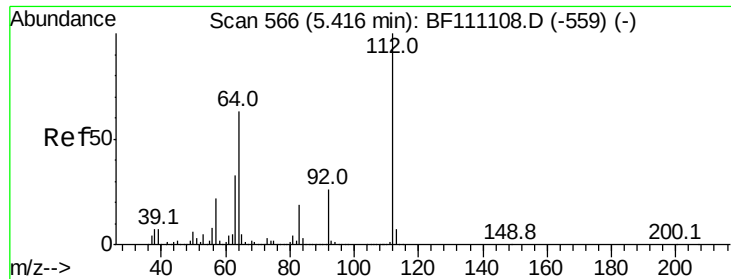
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#4
 n-Nitrosodimethylamine
 Concen: 46.987 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.05 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion: 42 Resp: 761024
 Ion Ratio Lower Upper
 42 100
 74 124.1 86.2 129.2
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 102.633 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:112 Resp: 2646497

Ion Ratio Lower Upper

112 100

64 64.7 50.2 75.4

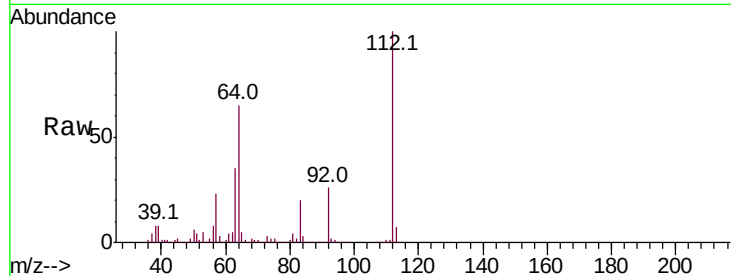
63 35.3 26.6 39.8

Manual Integrations

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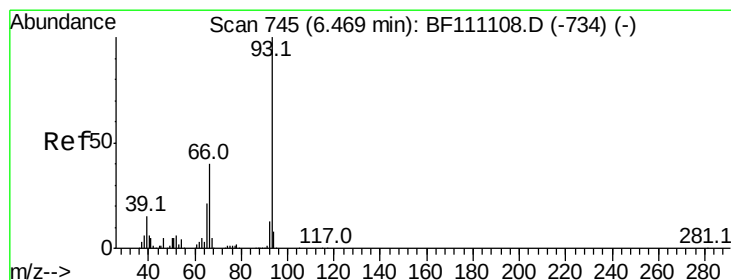
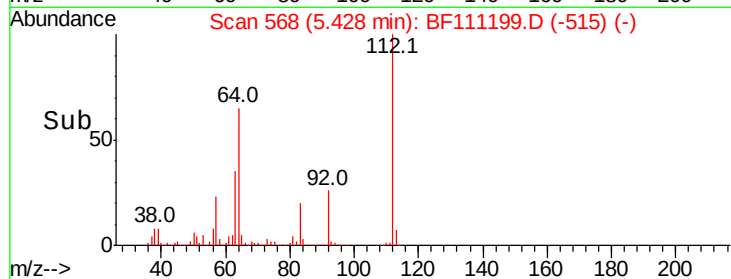
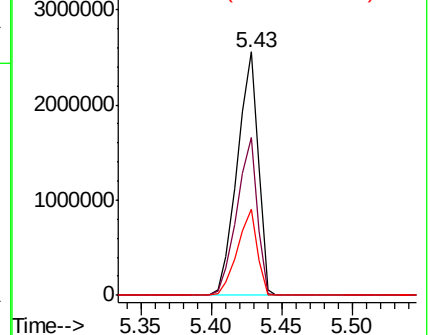
12/11/2018 8:44:48 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.255 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

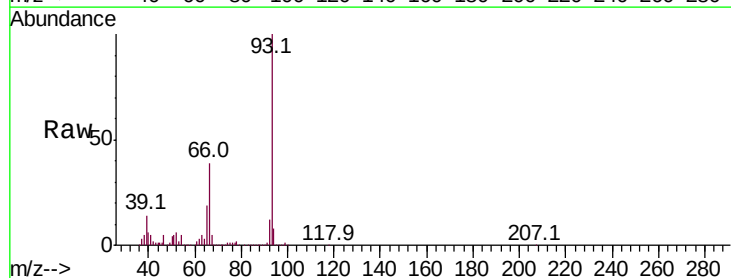
Tgt Ion: 93 Resp: 676999

Ion Ratio Lower Upper

93 100

66 39.3 31.8 47.8

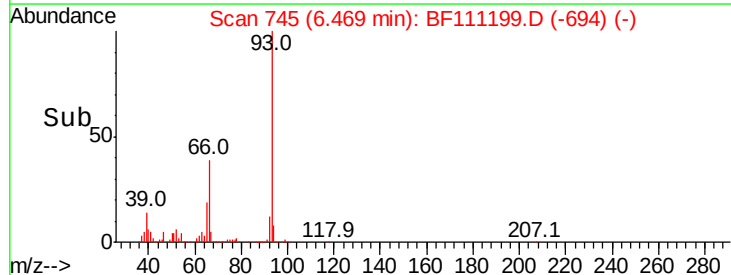
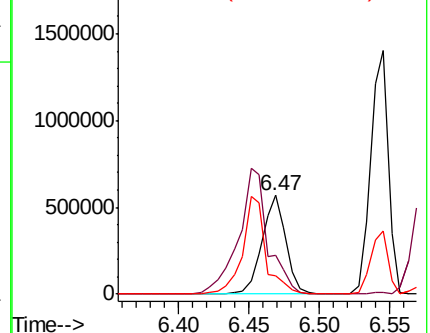
65 19.2 16.6 24.8

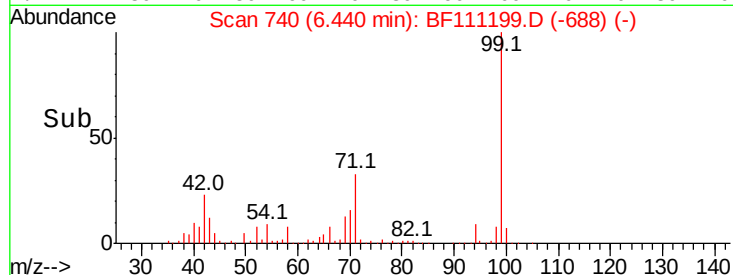
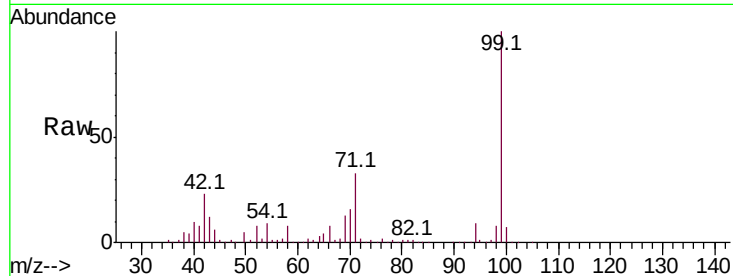
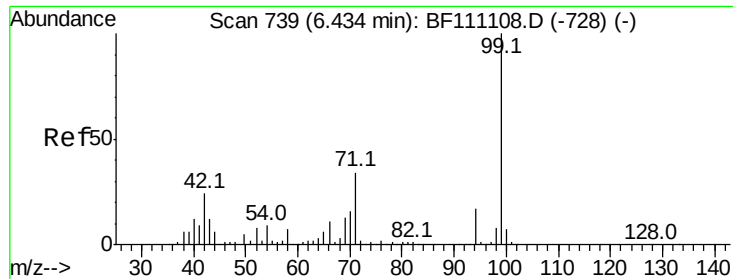


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.857 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tot Ion: 99 Resp: 4147375

Ion Ratio Lower Upper

99 100

42 22.8 19.3 28.9

71 33.3 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

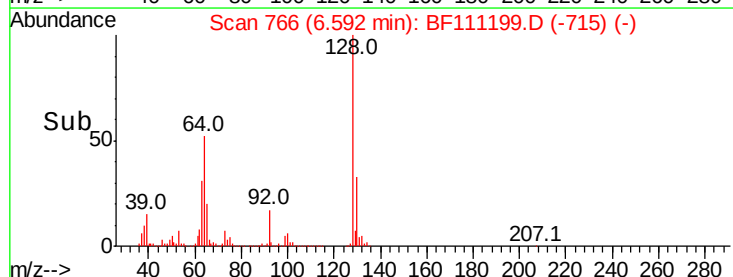
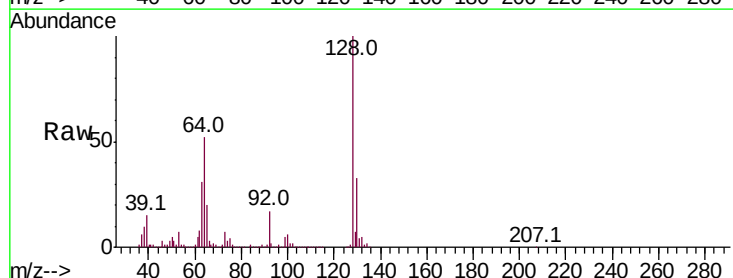
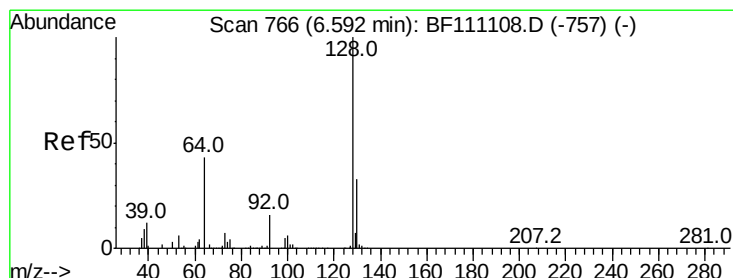
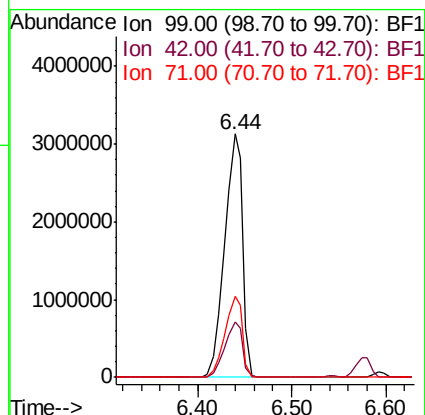
SB-10(13-15)MS

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#8

2-Chlorophenol

Concen: 41.244 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

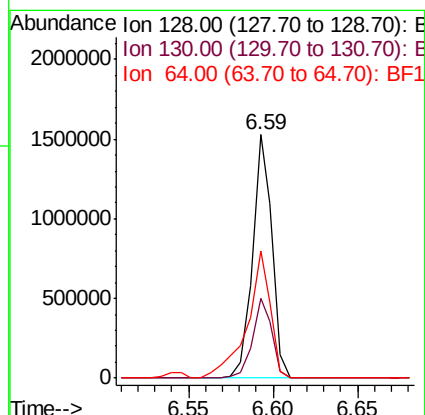
Tgt Ion:128 Resp: 1225827

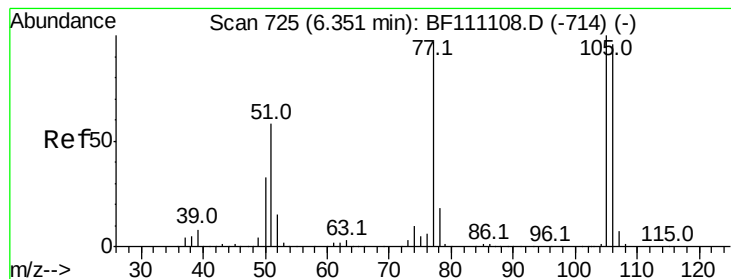
Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

64 52.2 26.6 66.6





#9

Benzaldehyde

Concen: 32.781 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

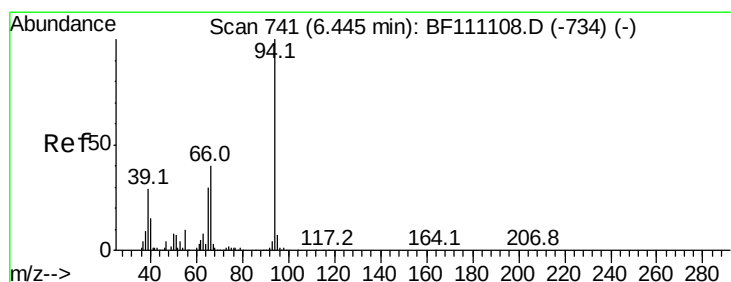
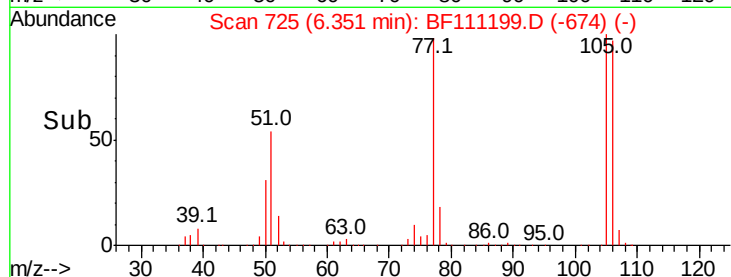
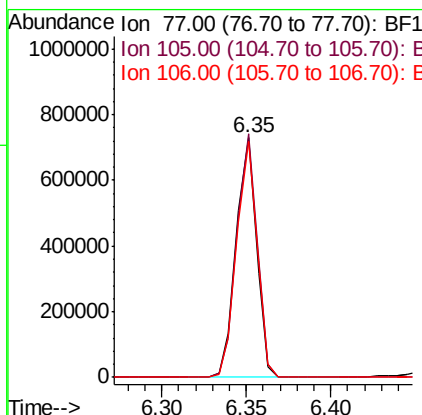
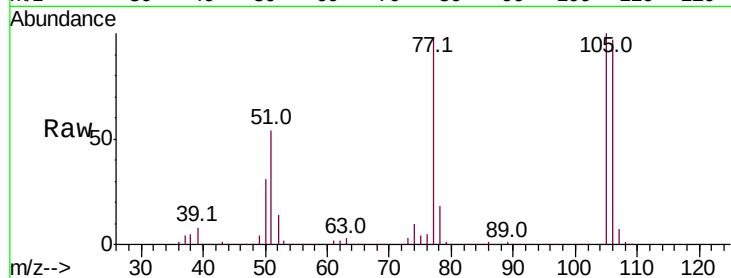
ClientSampleId :

SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.1	123.1
106	98.4	79.0	119.0

Manual Integrations
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#10

Phenol

Concen: 48.191 ng

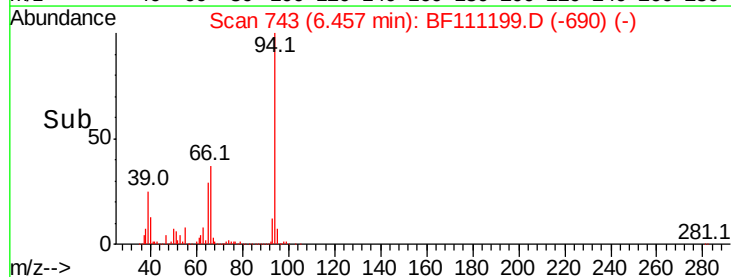
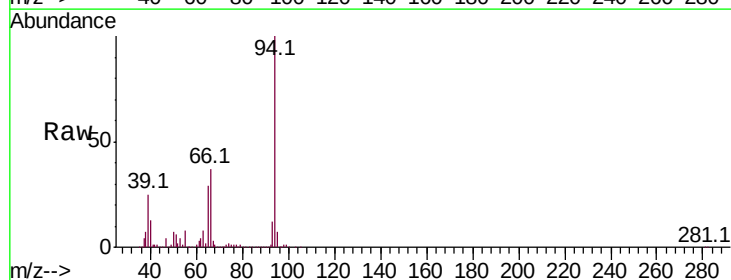
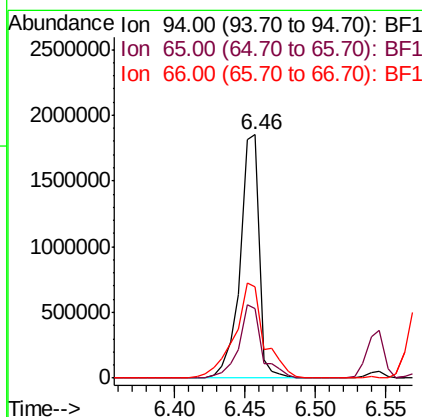
RT: 6.46 min Scan# 743

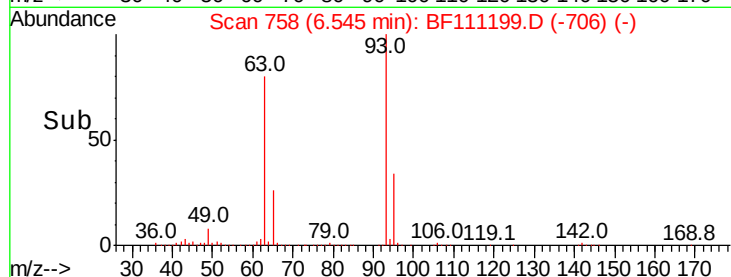
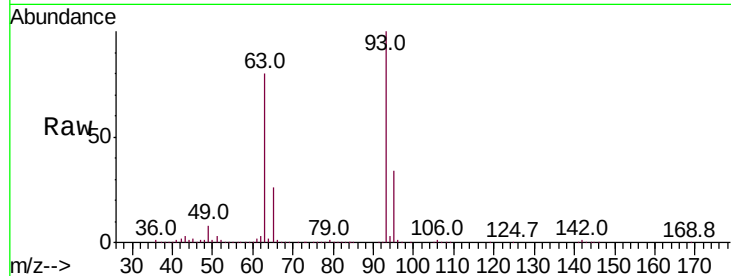
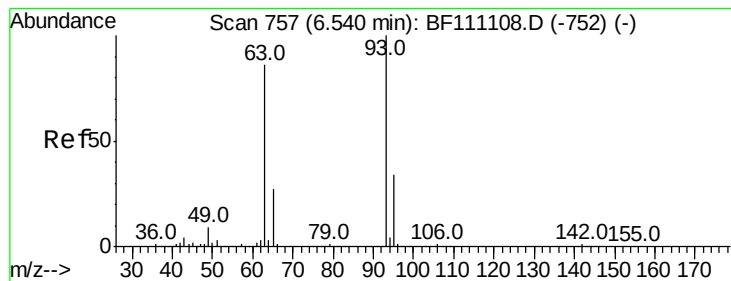
Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.5	50.5
66	37.4	19.8	59.8





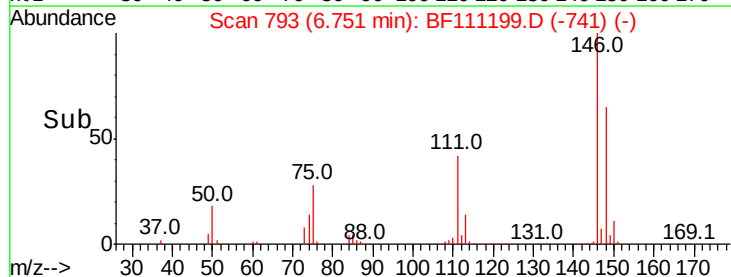
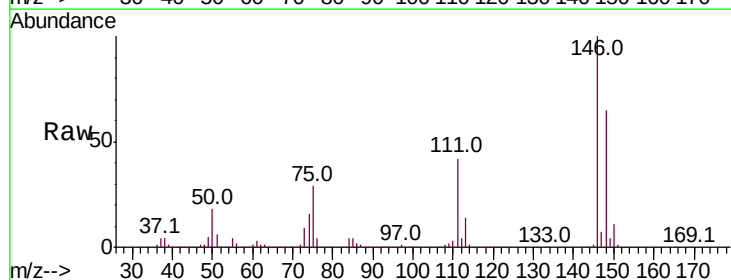
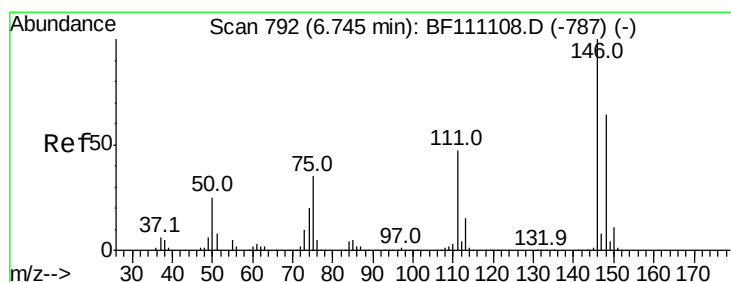
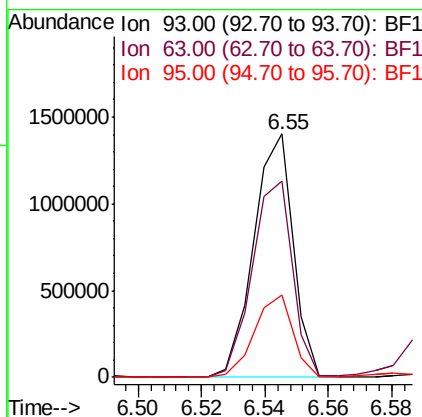
#11
bis(2-Chloroethyl)ether
Concen: 40.779 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tot Ion: 93 Resp: 1207132
Ion Ratio Lower Upper
93 100
63 80.4 66.0 106.0
95 33.7 14.3 54.3

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

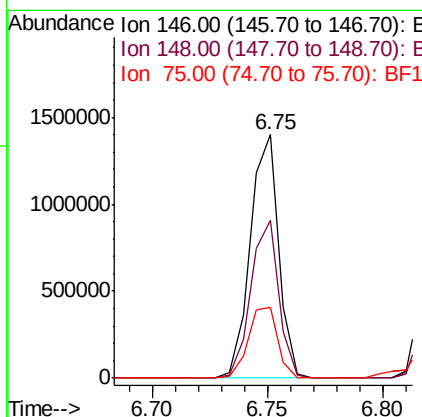
Manual Integrations
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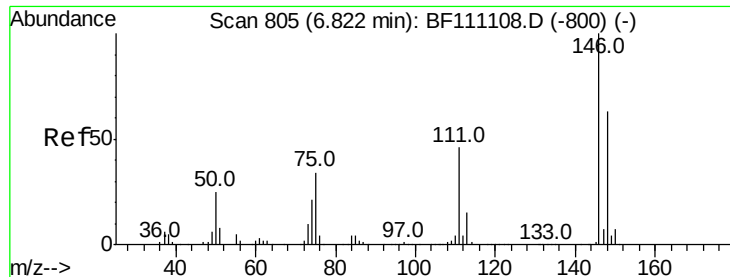
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#12
1,3-Dichlorobenzene
Concen: 38.021 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 146 Resp: 1201811
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 28.9 27.7 41.5





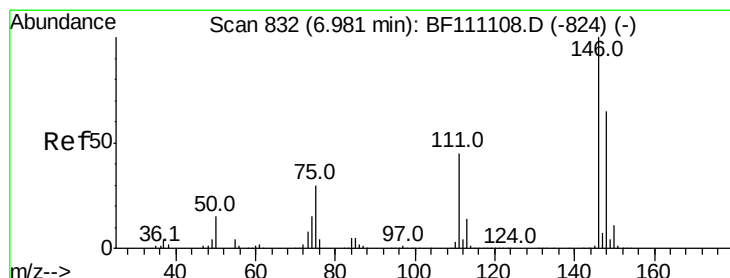
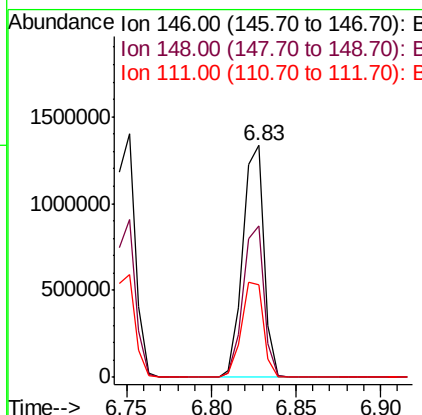
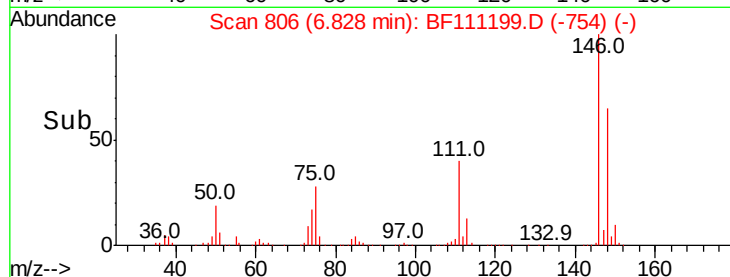
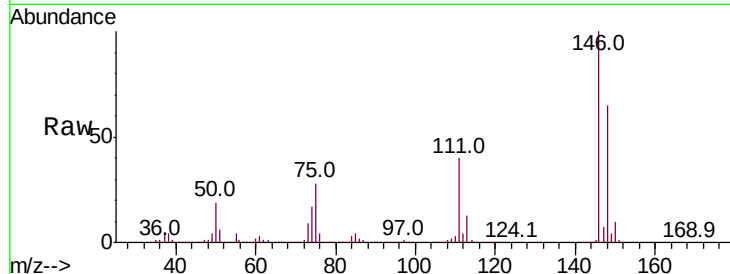
#13
1,4-Dichlorobenzene
Concen: 36.729 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion:146 Resp: 1168352
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
111 40.0 36.6 55.0

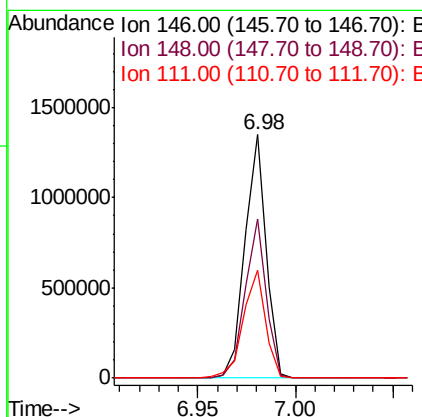
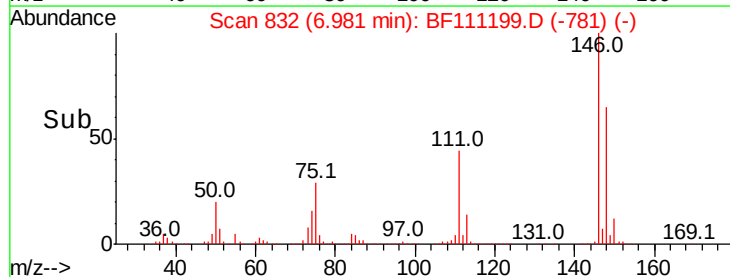
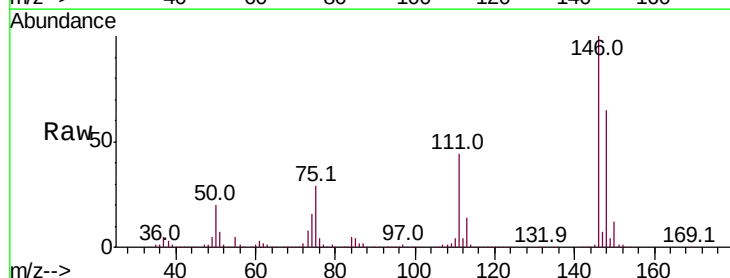
Manual Integrations
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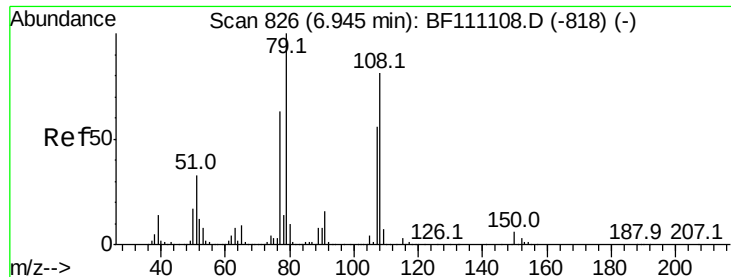
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#14
1,2-Dichlorobenzene
Concen: 34.328 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:146 Resp: 1015785
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
111 44.5 35.7 53.5





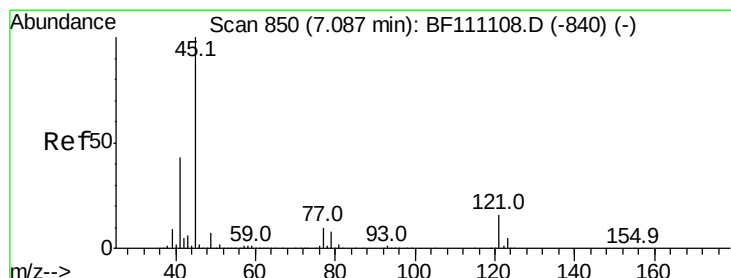
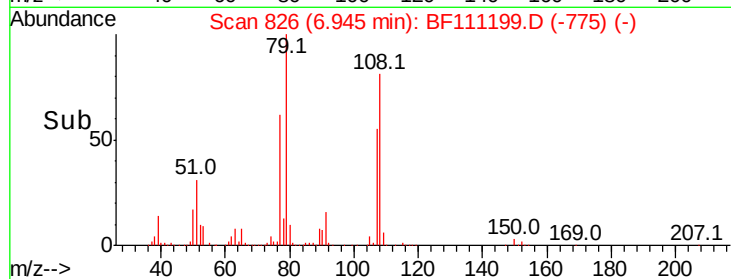
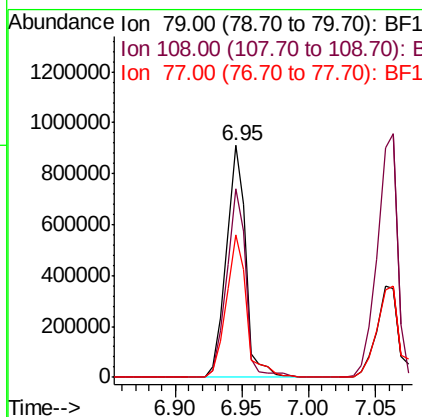
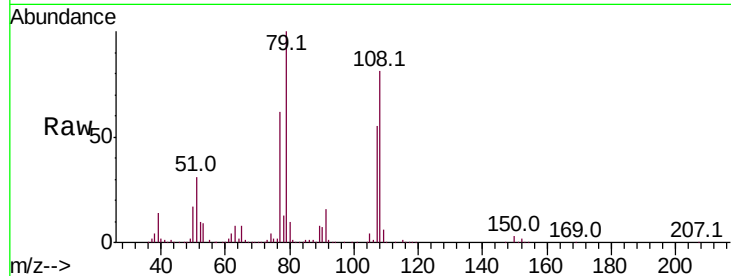
#15
Benzyl Alcohol
Concen: 35.759 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	64.5	96.7
77	61.6	50.5	75.7

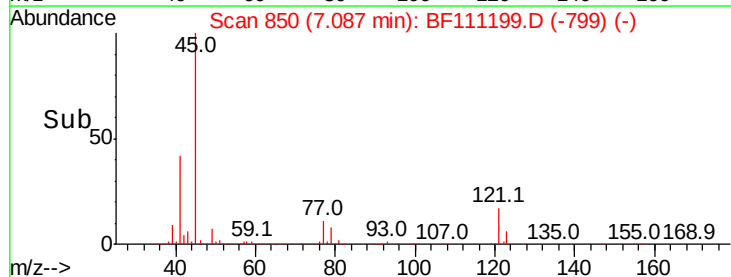
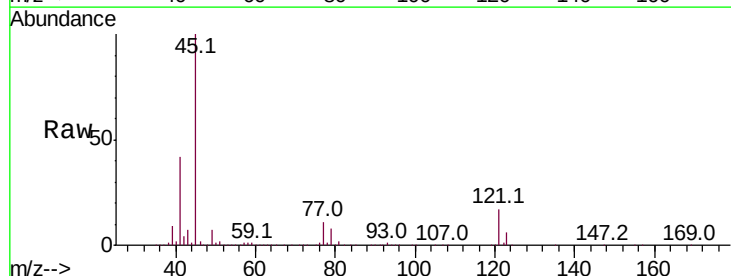
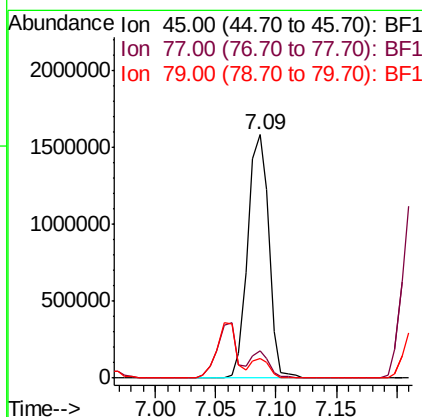
Manual Integrations
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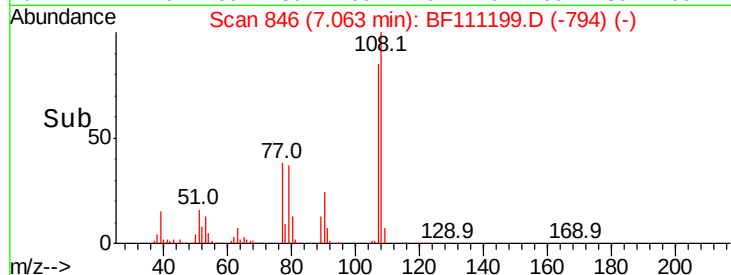
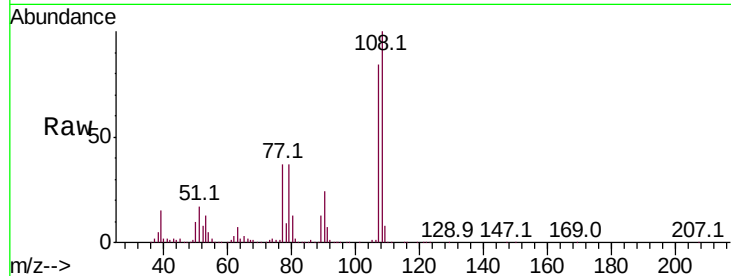
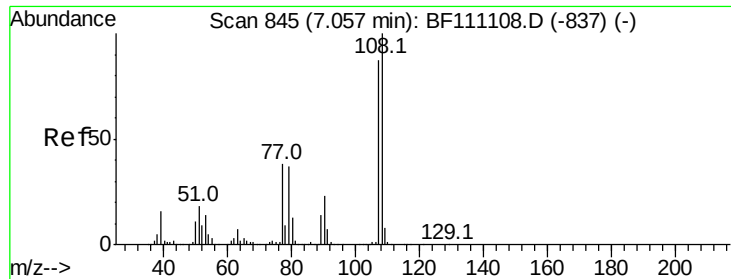
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.678 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.6
79	8.3	0.0	28.4





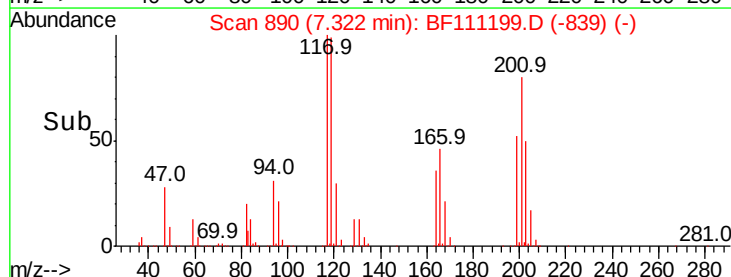
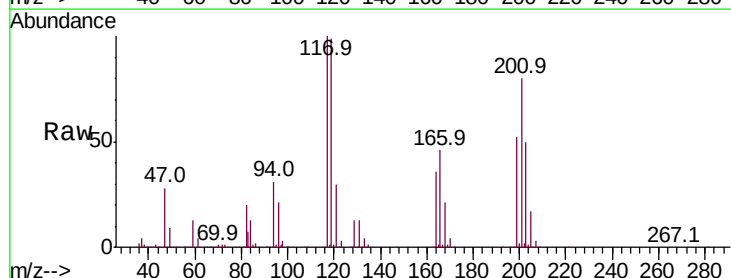
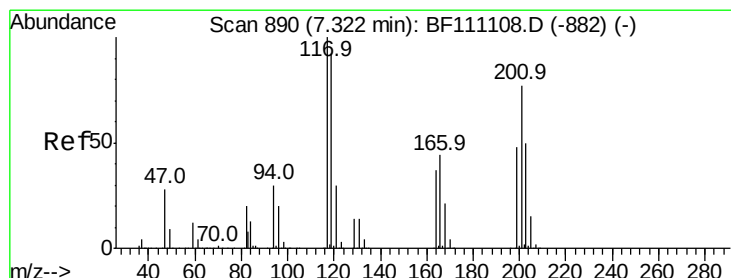
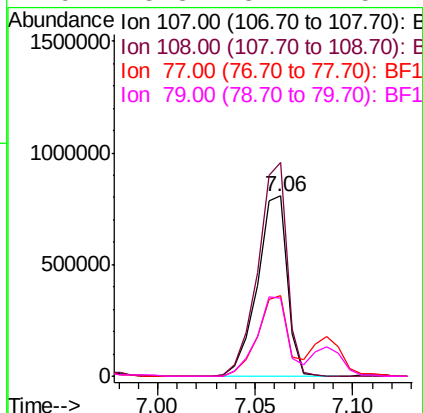
#17
2-Methylphenol
Concen: 34.994 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tot Ion	Ratio	Resp	Lower	Upper
107	100	853777		
108	118.4	91.8	137.8	
77	44.4	34.7	52.1	
79	43.3	34.2	51.2	

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

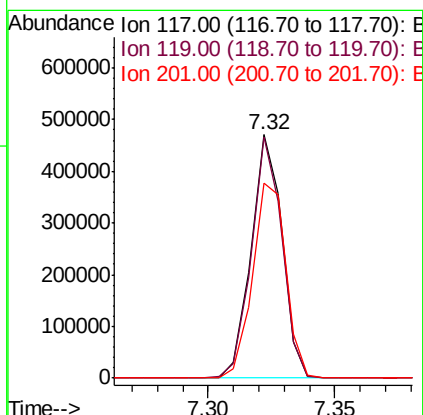
Manual Integrations
APPROVED

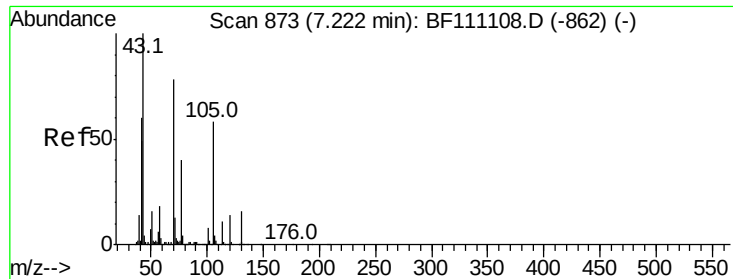
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#18
Hexachloroethane
Concen: 33.688 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	402003		
119	98.8	73.8	110.6	
201	79.9	61.2	91.8	





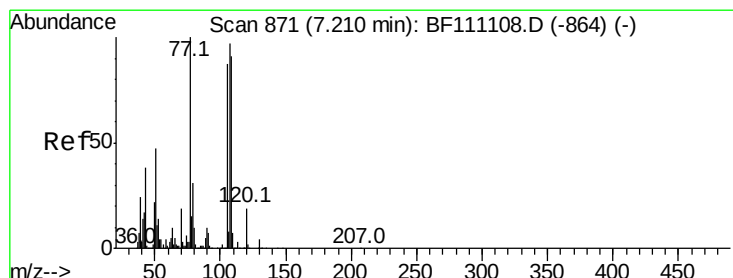
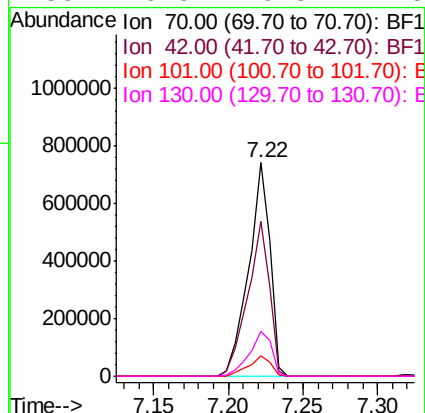
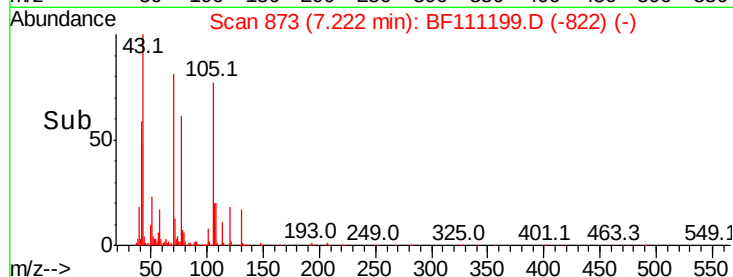
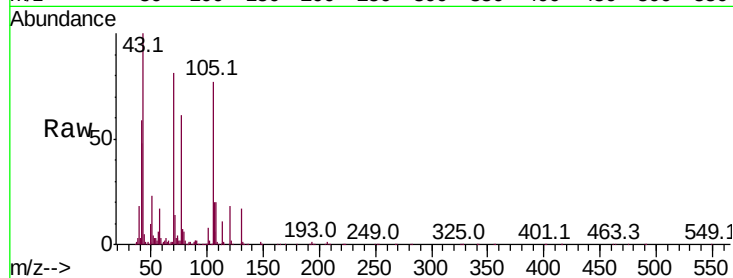
#19
n-Nitroso-di-n-propylamine
Concen: 32.893 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.7	61.3	91.9
101	9.3	7.7	11.5
130	20.9	16.3	24.5

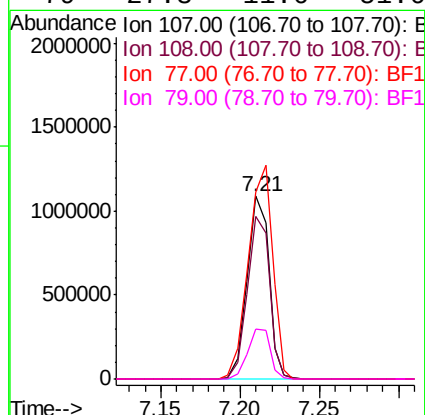
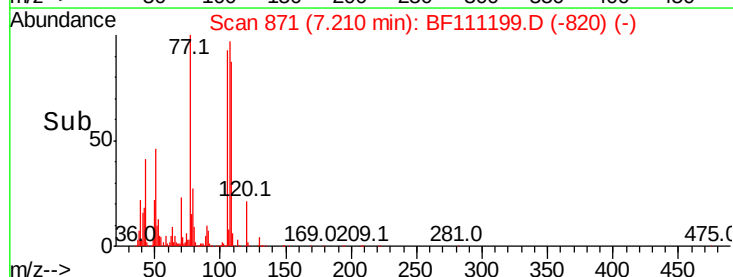
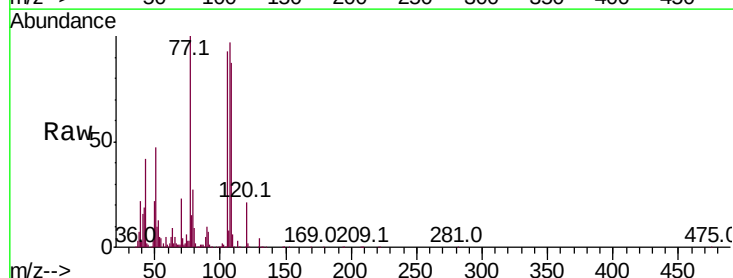
Manual Integrations
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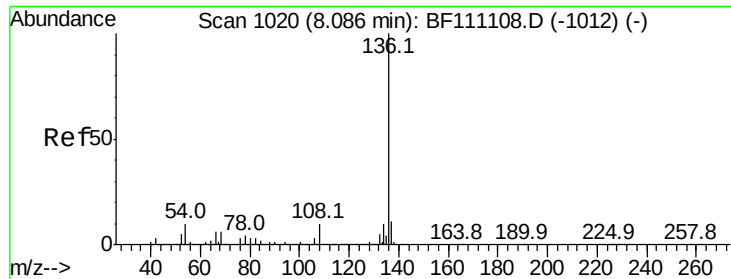
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#20
3+4-Methylphenols
Concen: 34.862 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	74.0	114.0
77	102.6	83.2	123.2
79	27.3	11.6	51.6





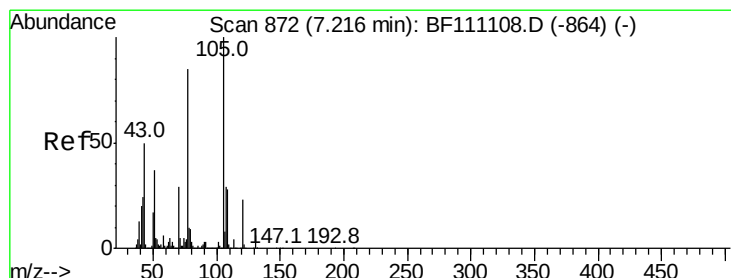
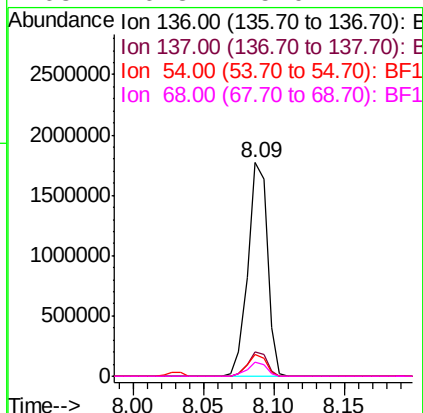
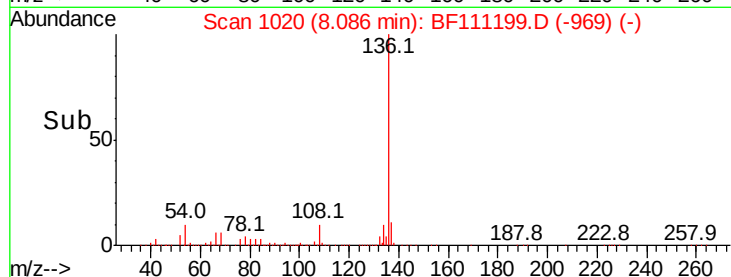
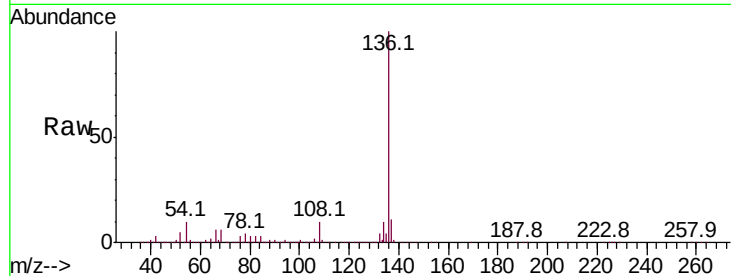
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.2	8.4	12.6
68	6.3	5.0	7.4

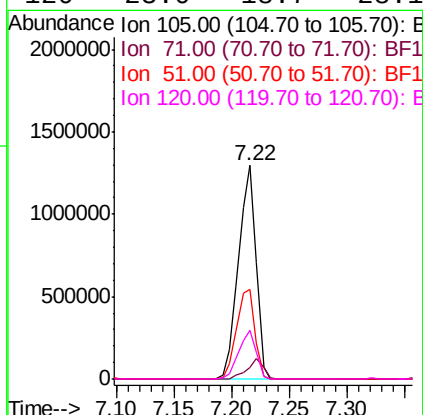
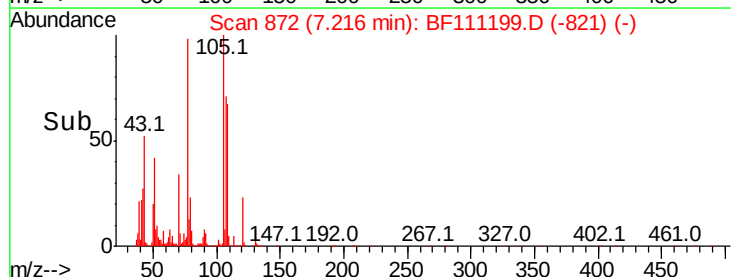
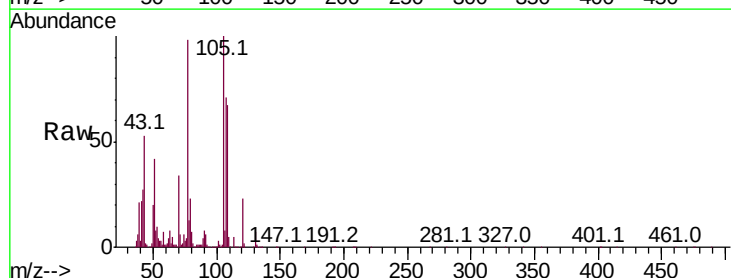
Manual Integrations
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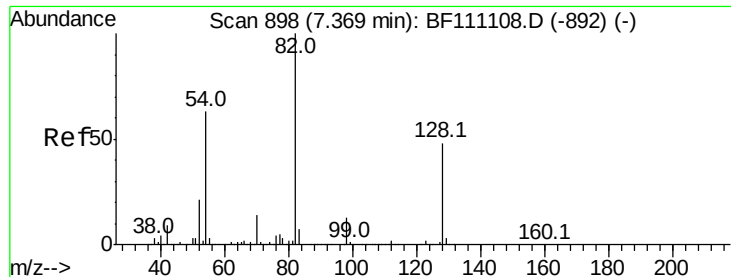
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#22
Acetophenone
Concen: 32.961 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.0	6.0
51	41.9	29.8	44.8
120	23.0	18.7	28.1





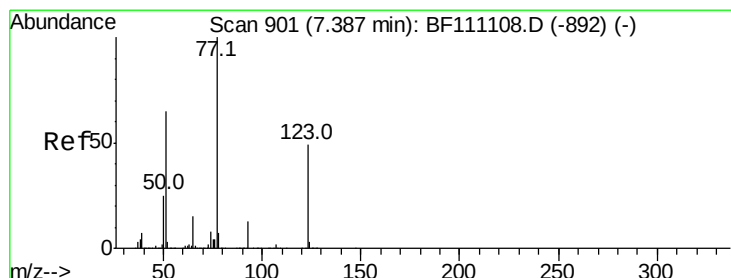
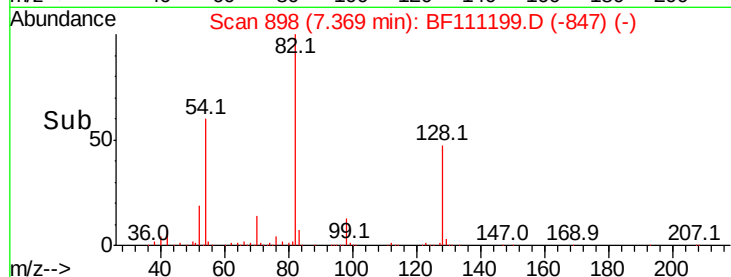
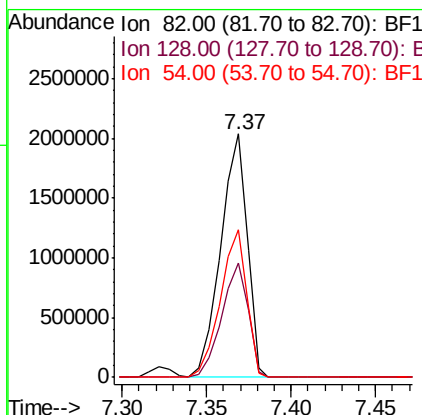
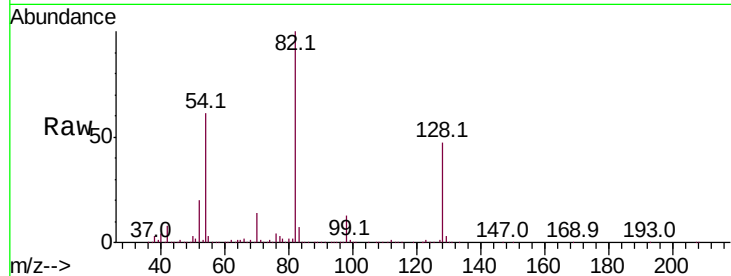
#23
 Nitrobenzene-d5
 Concen: 75.986 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion: 82 Resp: 2213527
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.1 57.1
 54 60.8 50.3 75.5

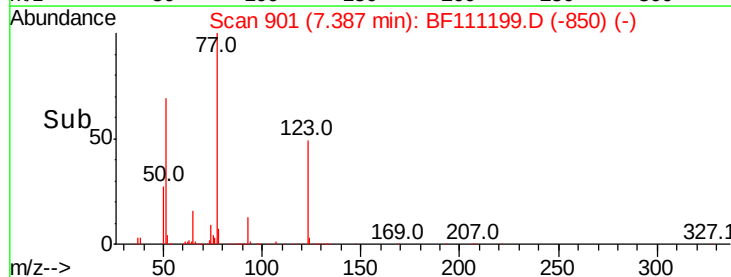
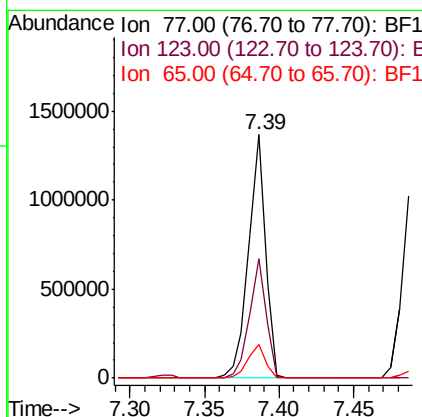
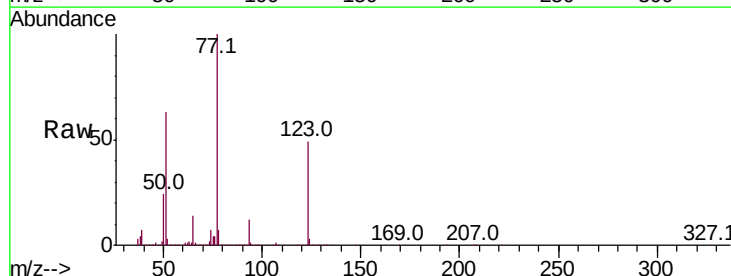
Manual Integrations
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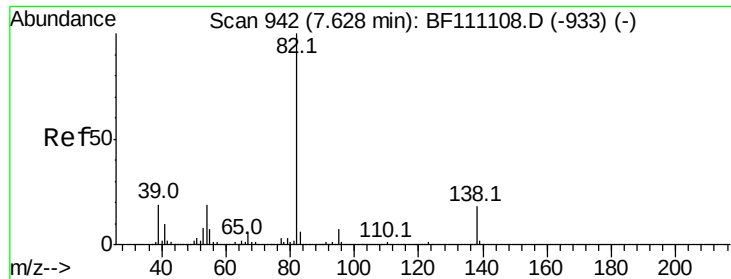
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#24
 Nitrobenzene
 Concen: 34.471 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion: 77 Resp: 1080315
 Ion Ratio Lower Upper
 77 100
 123 48.9 39.5 59.3
 65 14.1 11.8 17.6





#25

Isophorone

Concen: 36.688 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion: 82 Resp: 1961379

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

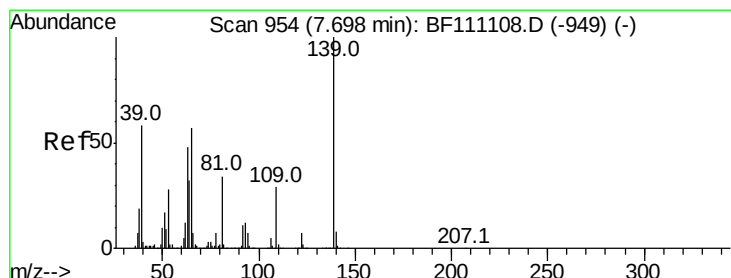
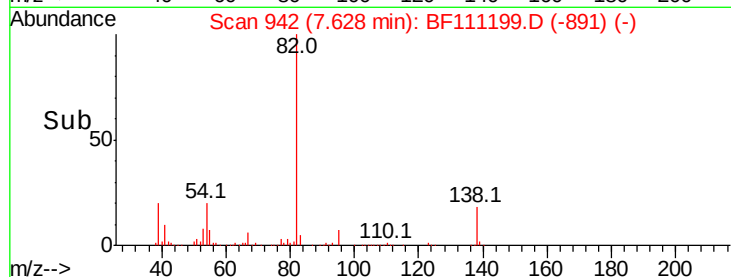
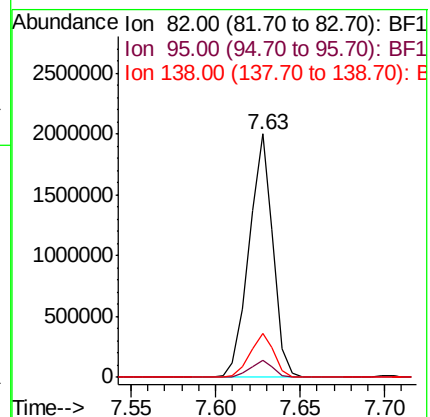
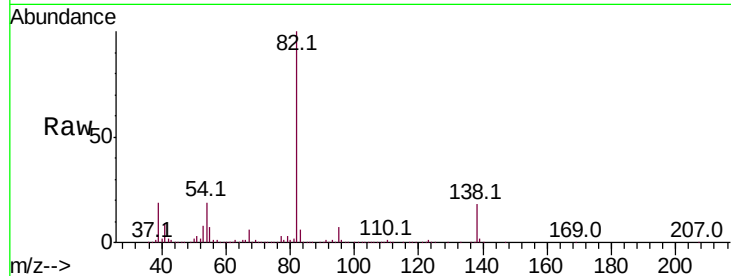
138 17.9 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.537 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

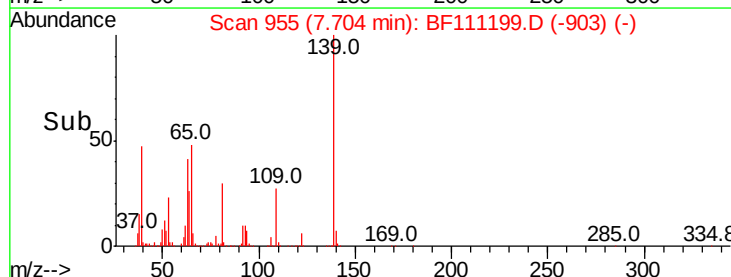
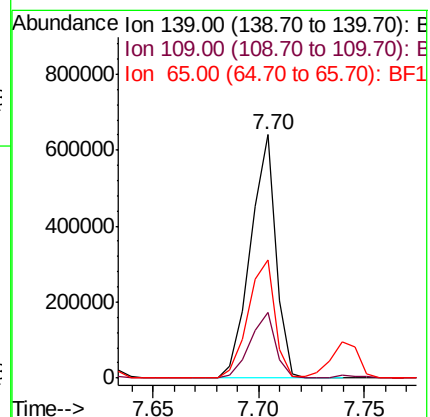
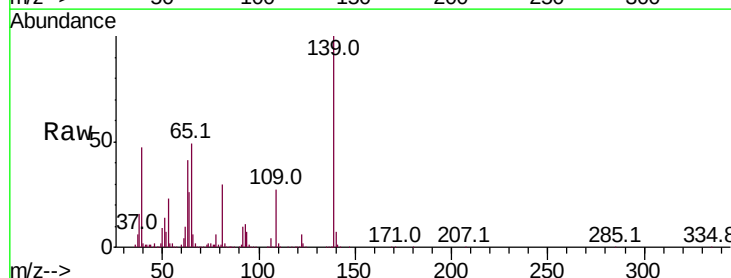
Tgt Ion: 139 Resp: 536796

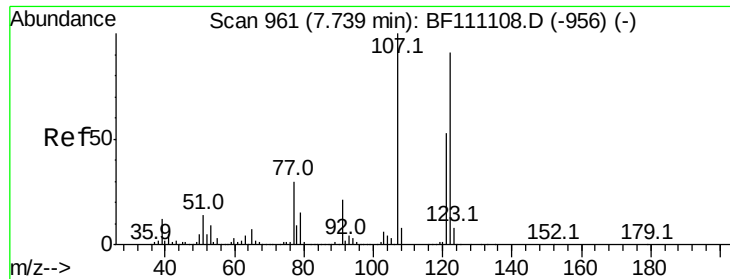
Ion Ratio Lower Upper

139 100

109 27.0 23.1 34.7

65 48.8 45.9 68.9





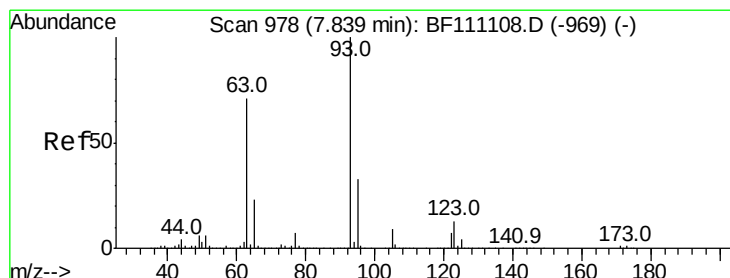
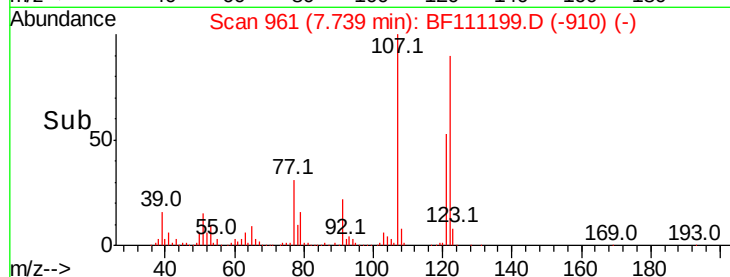
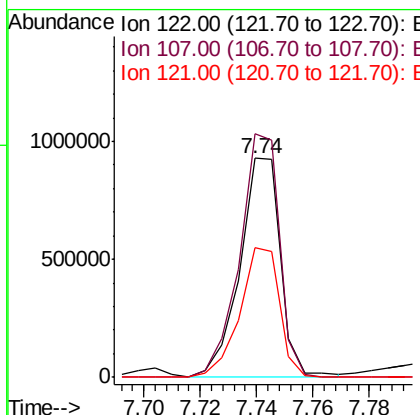
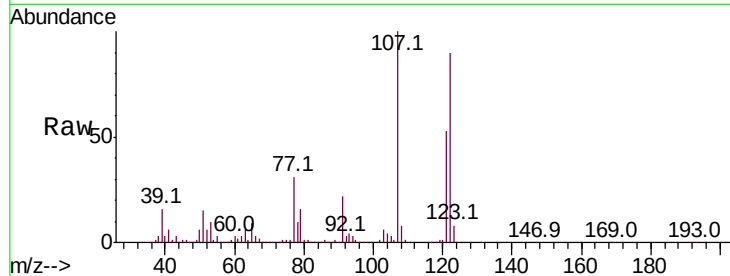
#27
 2,4-Dimethylphenol
 Concen: 37.257 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	929148		
107	111.1	87.4	131.0	
121	59.4	45.9	68.9	

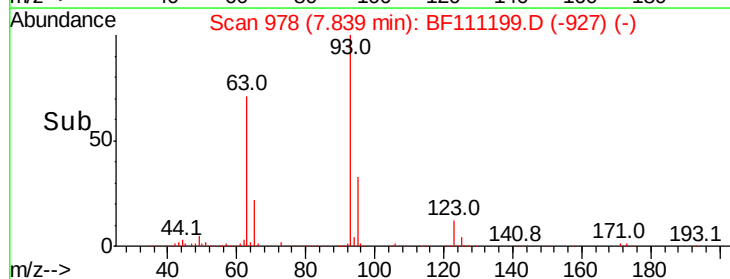
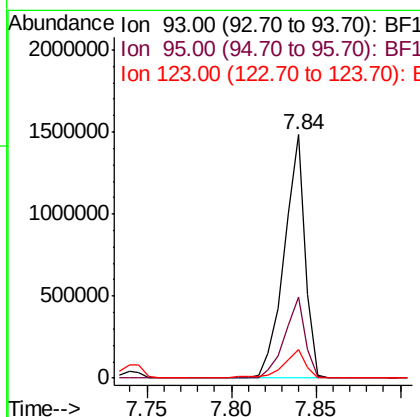
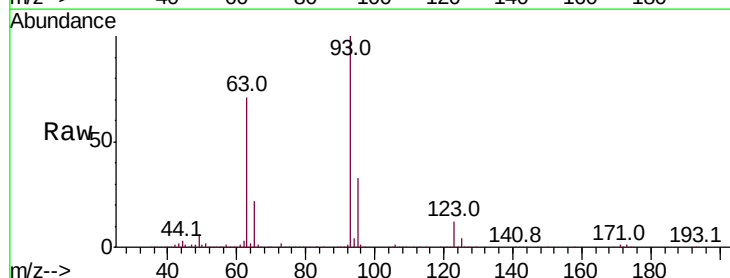
Manual Integrations
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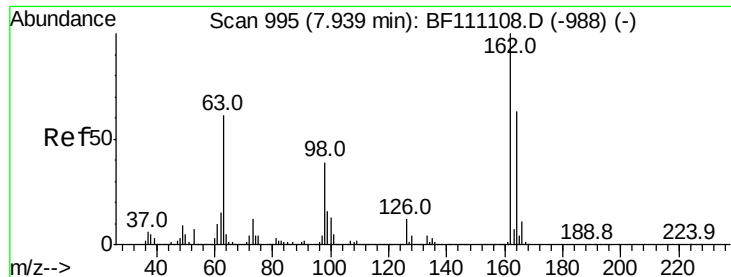
Sohil
 12/11/2018 8:44:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.278 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1276789		
95	33.3	26.6	39.8	
123	11.7	10.3	15.5	





#29

2,4-Dichlorophenol

Concen: 40.250 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

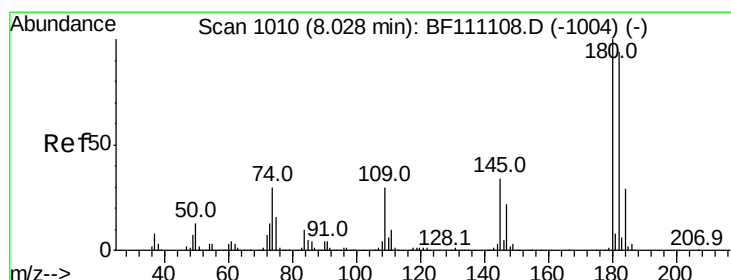
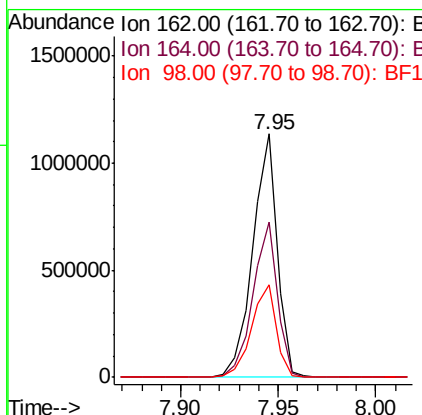
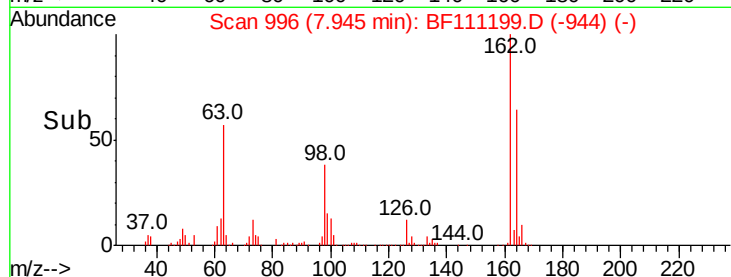
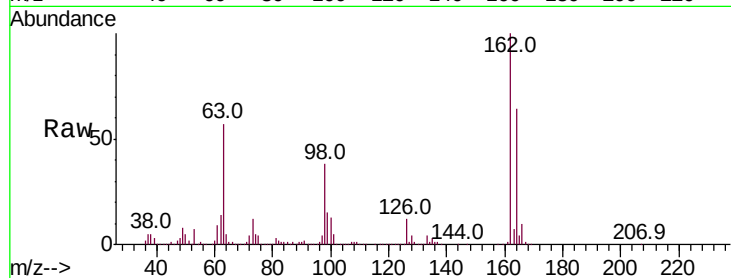
ClientSampleId :

SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.3	83.3
98	37.8	18.9	58.9

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#30

1,2,4-Trichlorobenzene

Concen: 39.635 ng

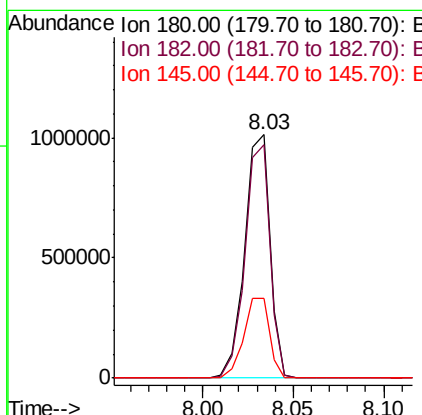
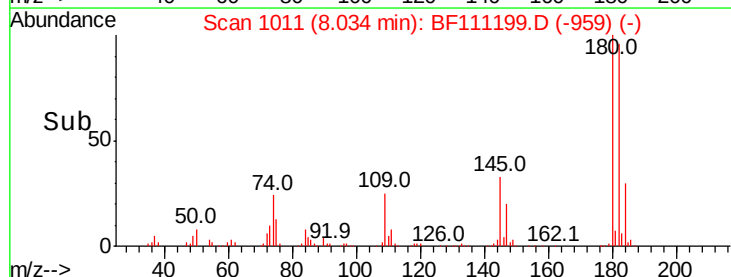
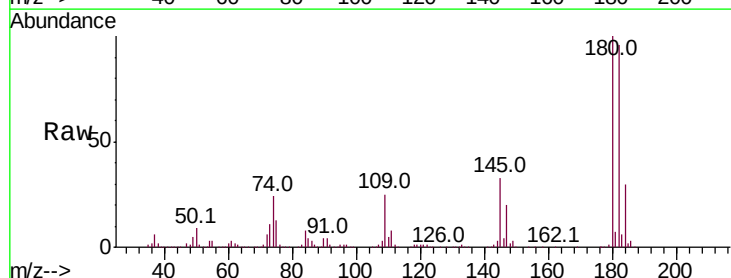
RT: 8.03 min Scan# 1011

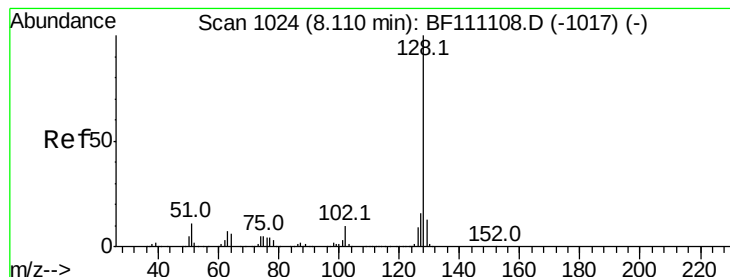
Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	32.9	27.6	41.4





#31

Naphthalene

Concen: 44.332 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:128 Resp: 3328872

Ion Ratio Lower Upper

128 100

129 12.4 10.5 15.7

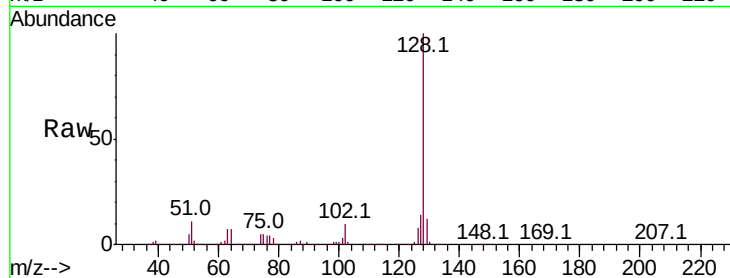
127 14.5 12.5 18.7

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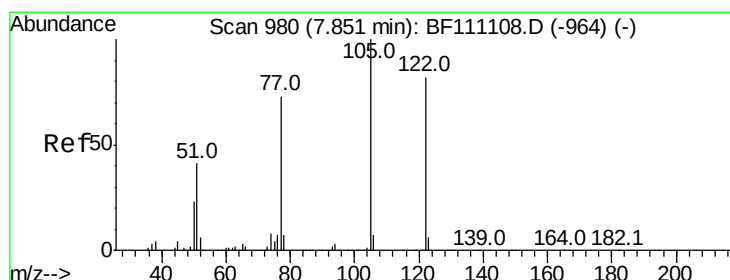
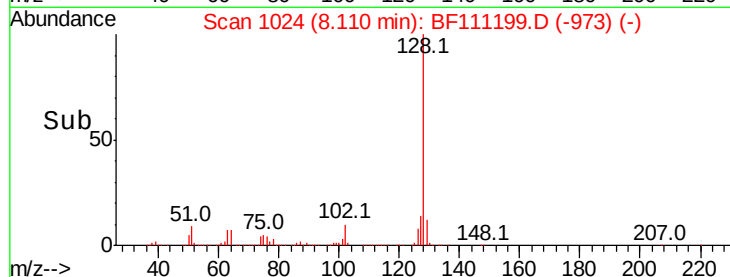
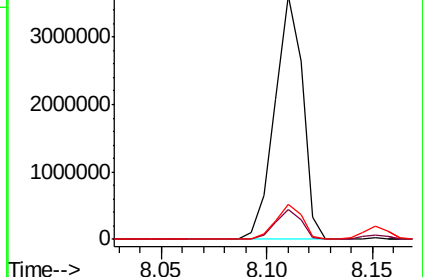
12/11/2018 8:44:48 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.424 ng m

RT: 7.81 min Scan# 973

Delta R.T. -0.04 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

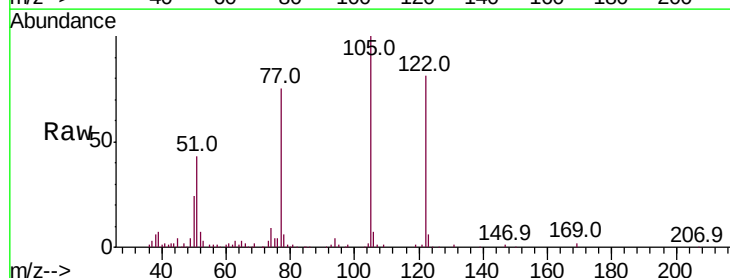
Tgt Ion:122 Resp: 154985

Ion Ratio Lower Upper

122 100

105 122.9 100.1 140.1

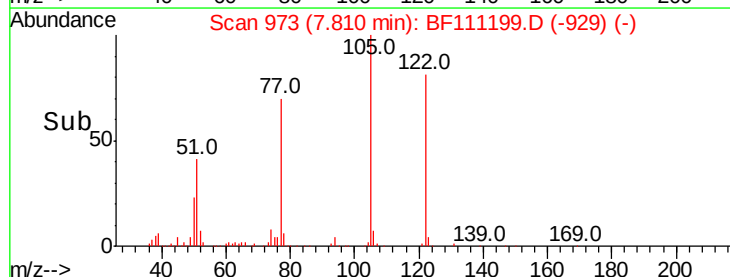
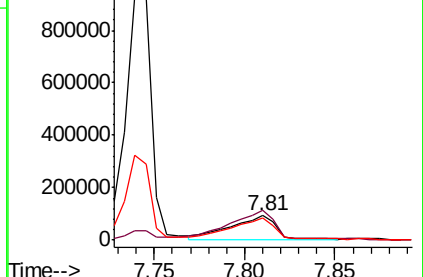
77 91.8 69.4 109.4

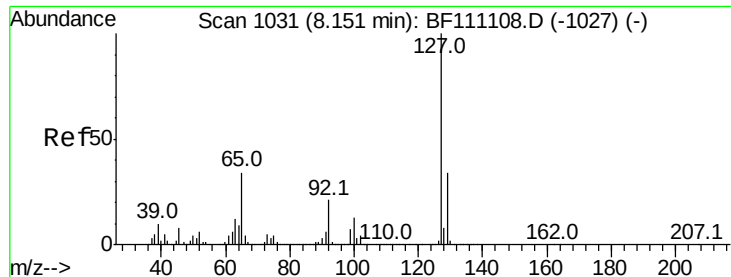


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





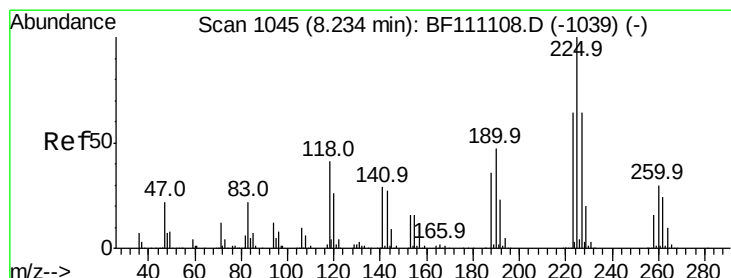
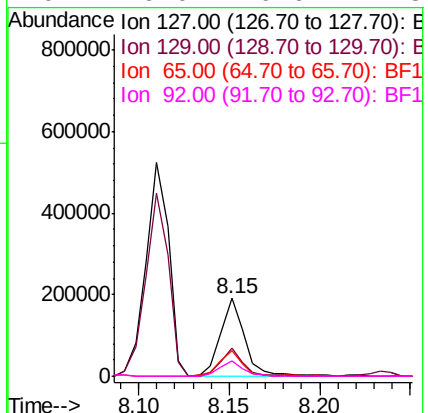
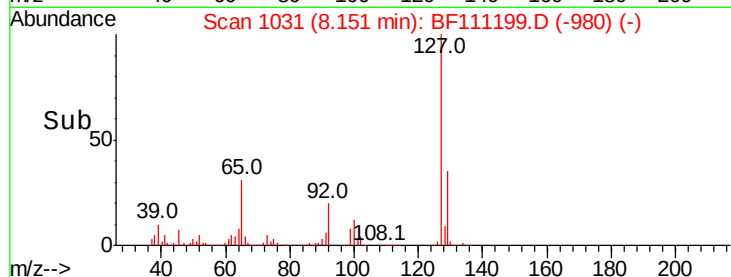
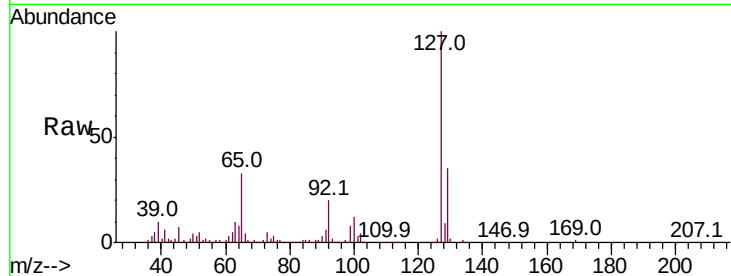
#33
4-Chloroaniline
Concen: 4.840 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	35.4	27.0	40.6
65	33.2	27.2	40.8
92	20.0	16.6	24.8

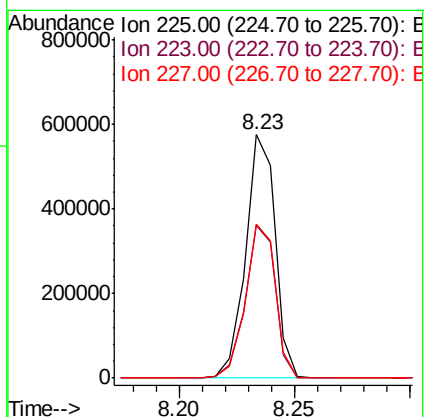
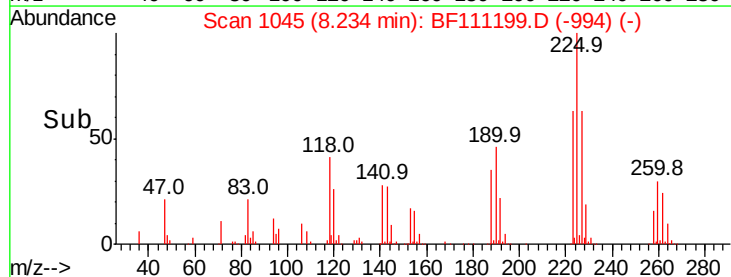
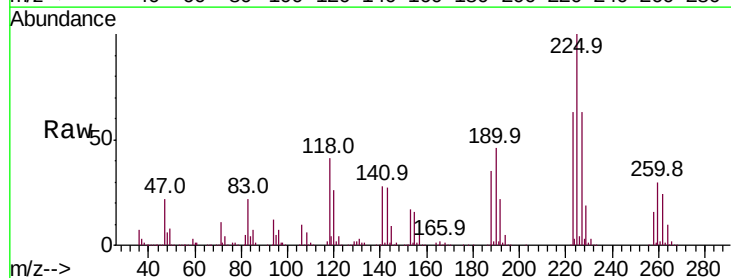
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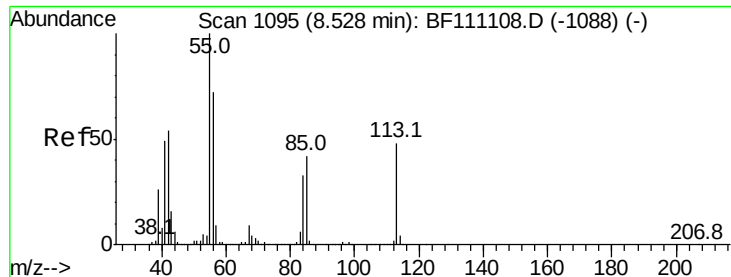
Sohil
12/11/2018 8:44:48 AM



#34
Hexachlorobutadiene
Concen: 38.383 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.8	51.4	77.2
227	63.1	51.0	76.4





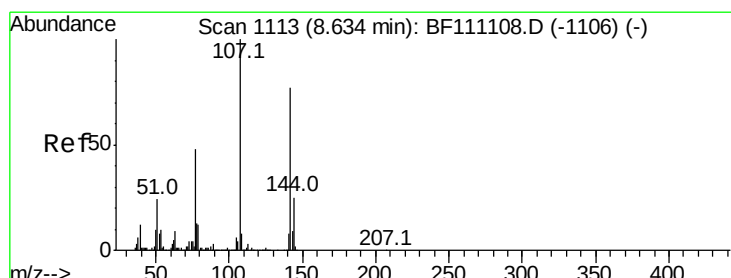
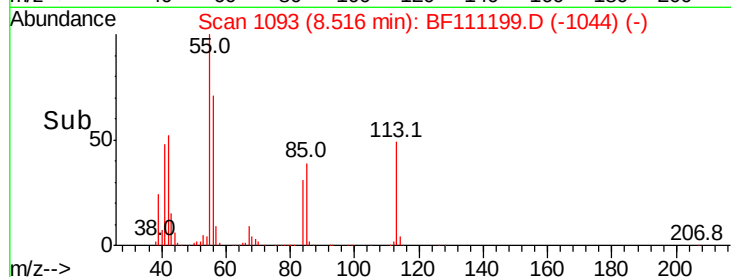
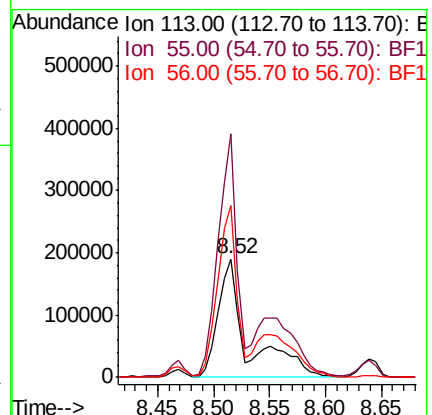
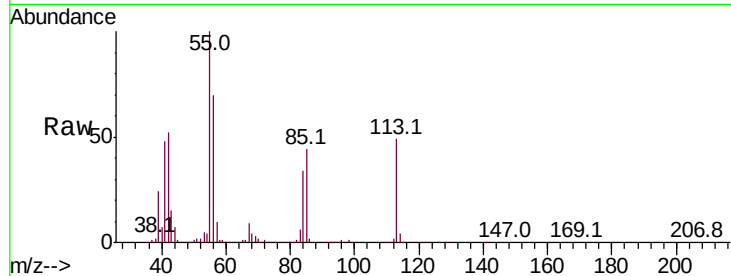
#35
Caprolactam
Concen: 39.063 ng m
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.2	190.6	230.6
56	144.4	130.9	170.9

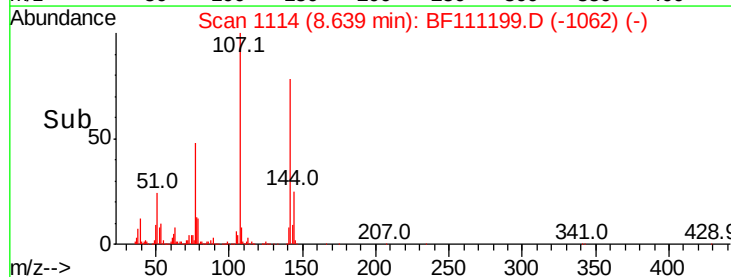
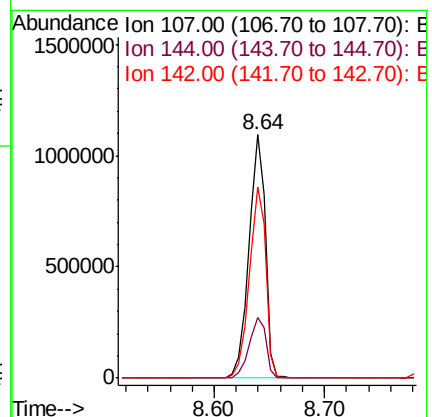
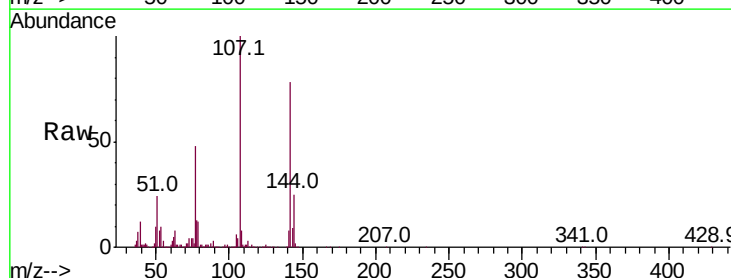
Manual Integrations
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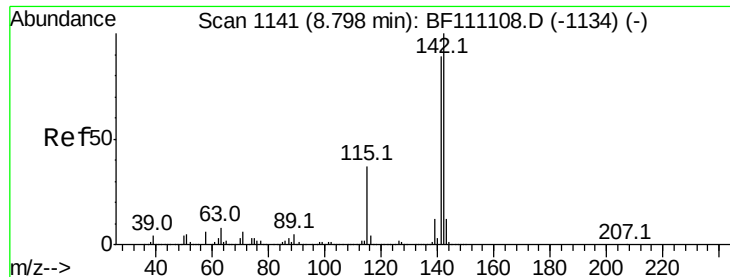
Sohil
12/11/2018 8:44:48 AM



#36
4-Chloro-3-methylphenol
Concen: 42.727 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.9	29.9
142	78.5	61.4	92.0





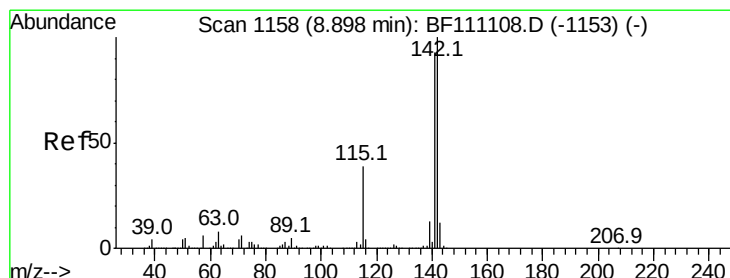
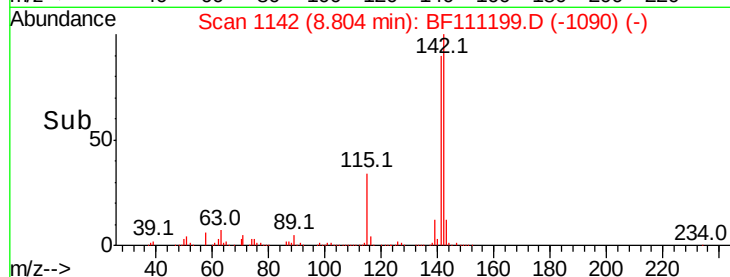
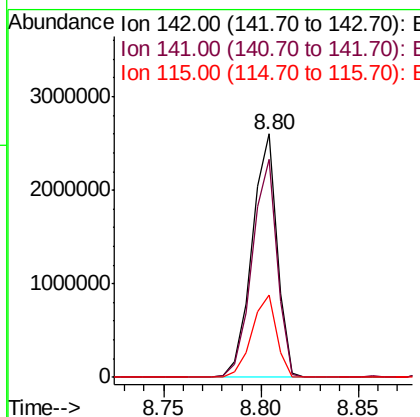
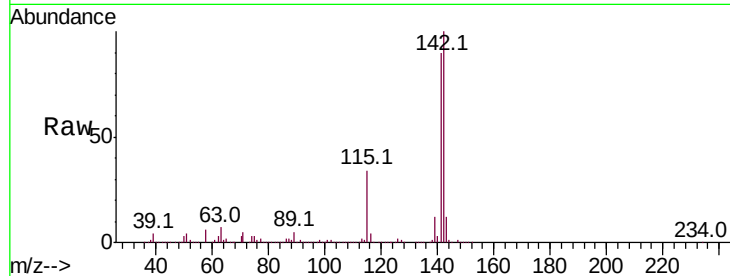
#37
2-Methylnaphthalene
Concen: 44.782 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	34.0	29.2	43.8

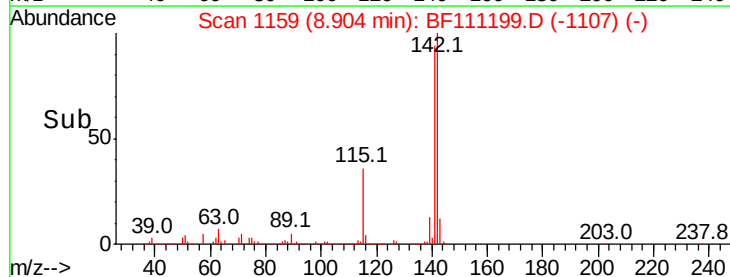
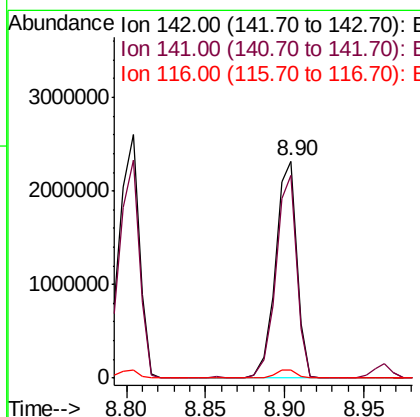
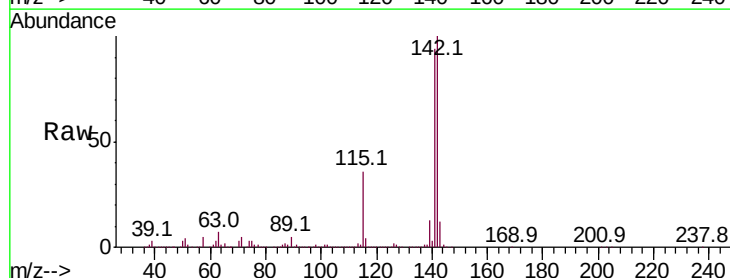
Manual Integrations
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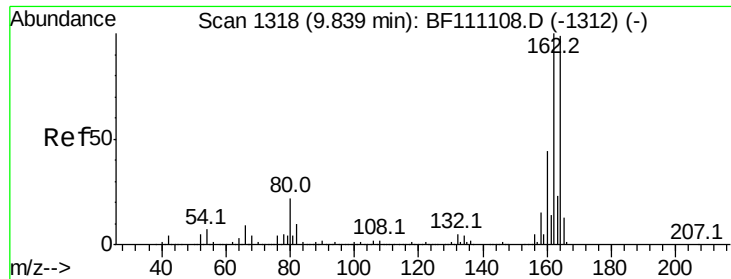
Sohil
12/11/2018 8:44:48 AM



#38
1-Methylnaphthalene
Concen: 43.445 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.5	111.7
116	3.6	3.2	4.8





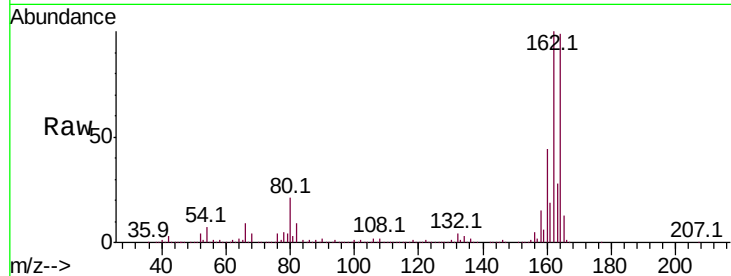
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.5	35.5	53.3

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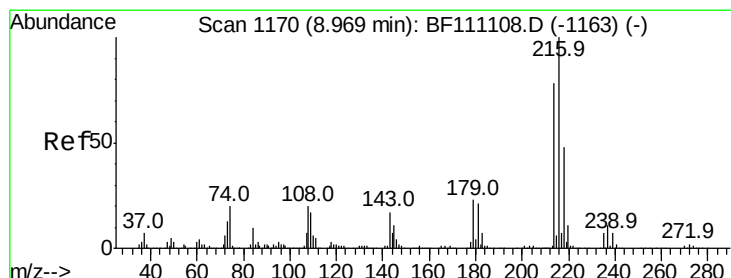
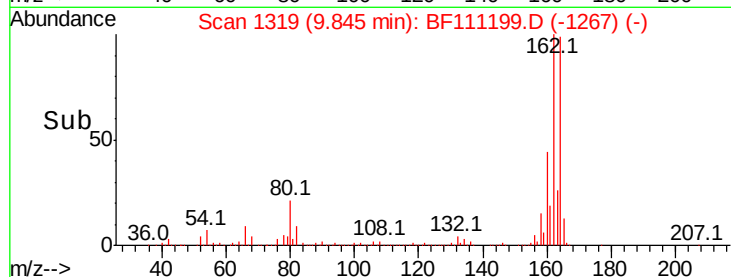
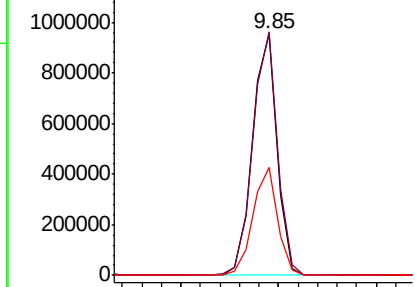


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.719 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	22.4	18.5	27.7
108	24.7	19.1	28.7

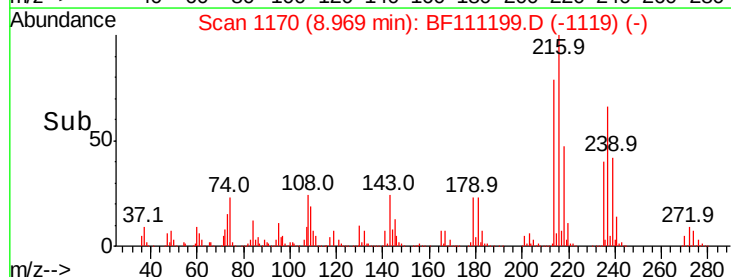
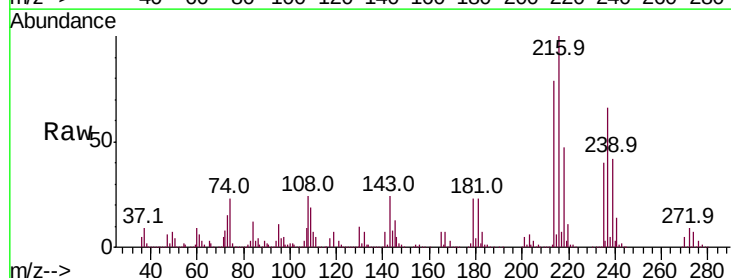
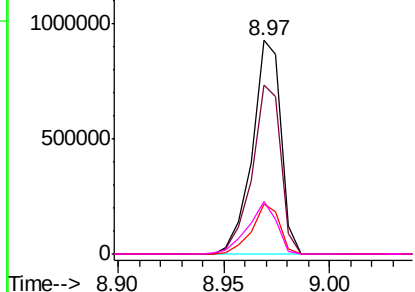
Abundance

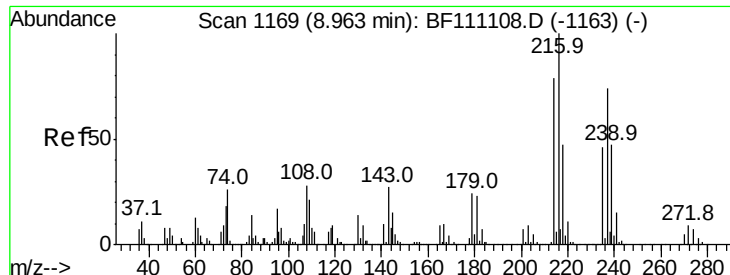
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.039 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

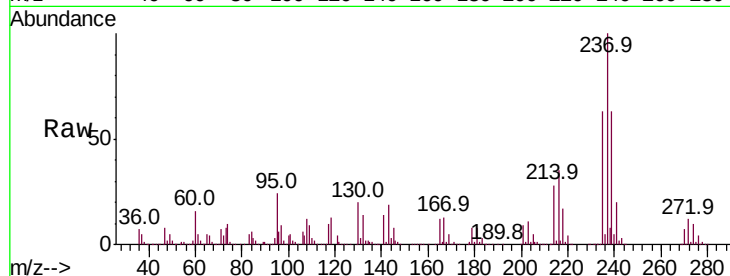
ClientSampleId :

SB-10(13-15)MS

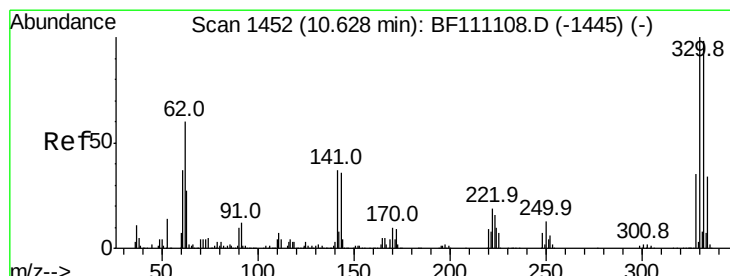
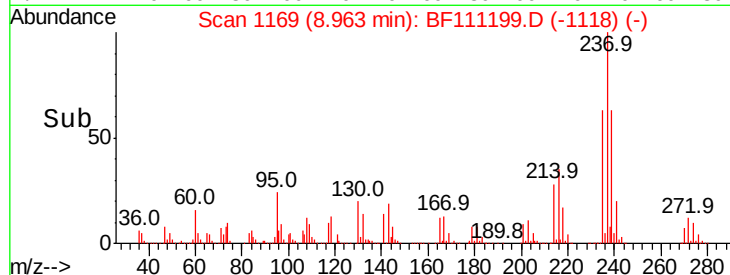
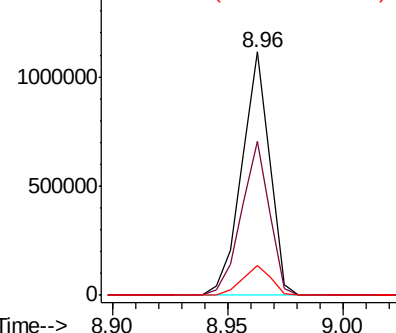
Tot Ion:	237	Resp:	943063
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.9	81.9
272	12.4	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 110.776 ng

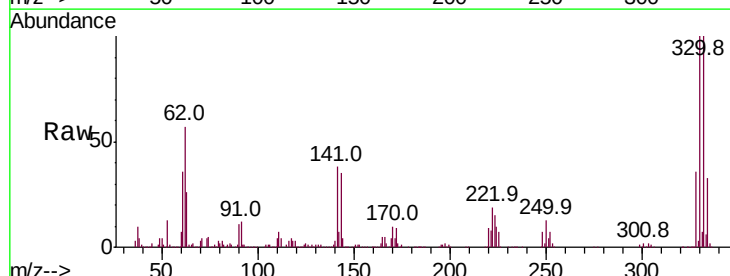
RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

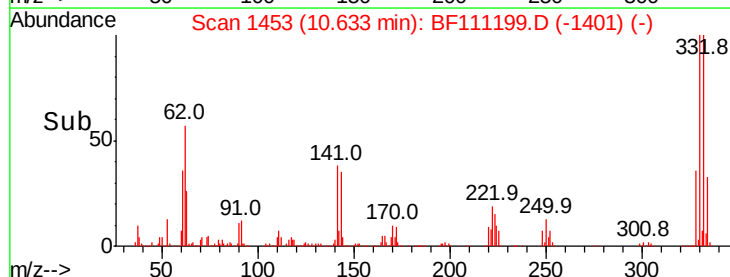
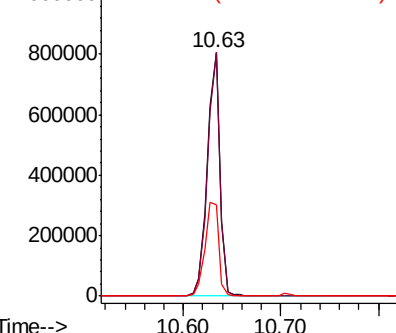
Lab File: BF111199.D

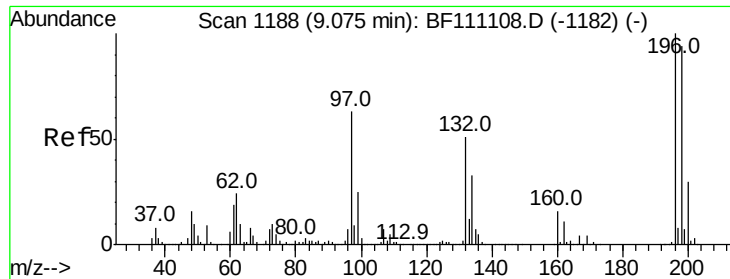
Acq: 7 Dec 2018 20:54

Tgt Ion:	330	Resp:	729152
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.2	115.8
141	42.0	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





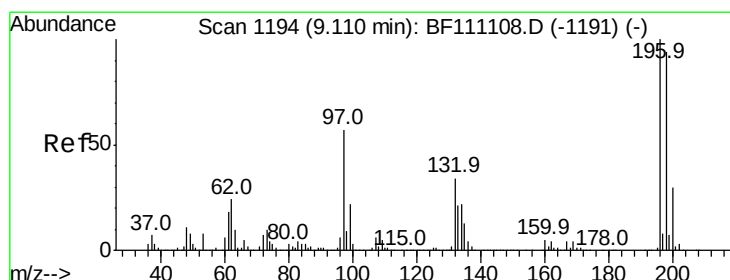
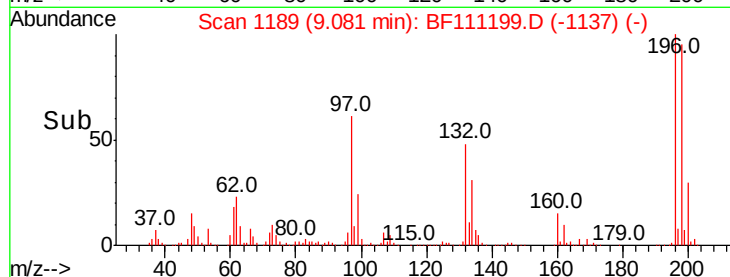
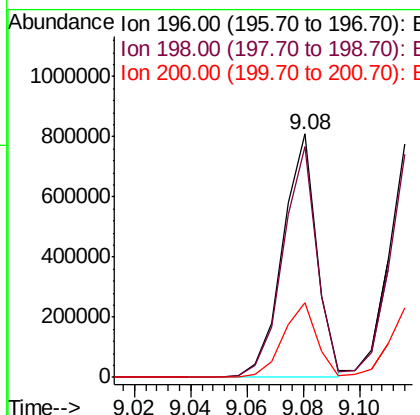
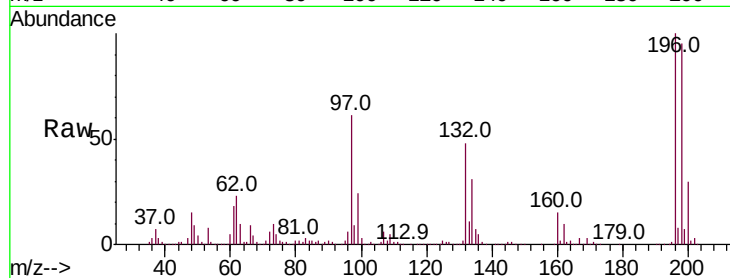
#43
 2,4,6-Trichlorophenol
 Concen: 41.879 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	675037		
198	94.6	75.4	113.0	
200	30.5	24.2	36.4	

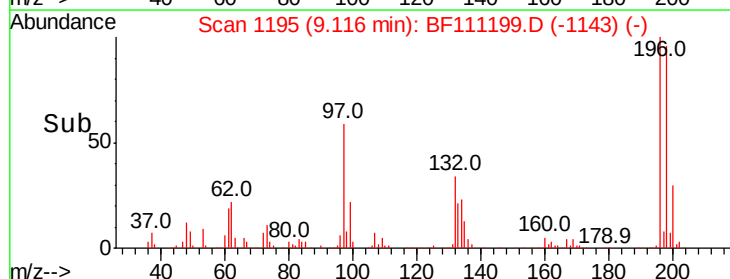
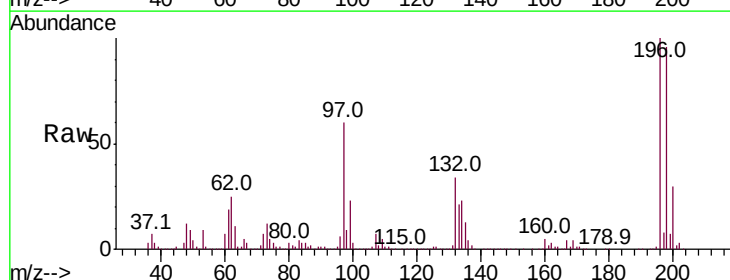
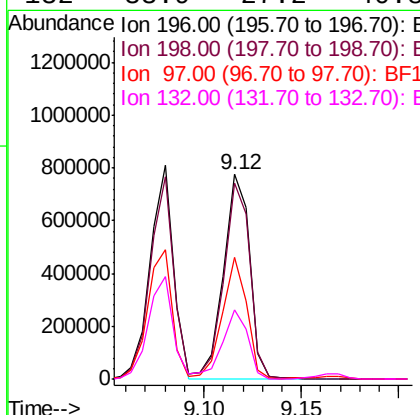
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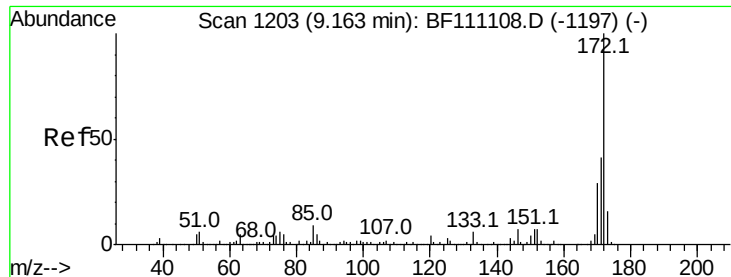
Sohil
 12/11/2018 8:44:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.198 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	722188		
198	95.5	75.0	112.4	
97	59.5	46.2	69.4	
132	33.9	27.2	40.8	





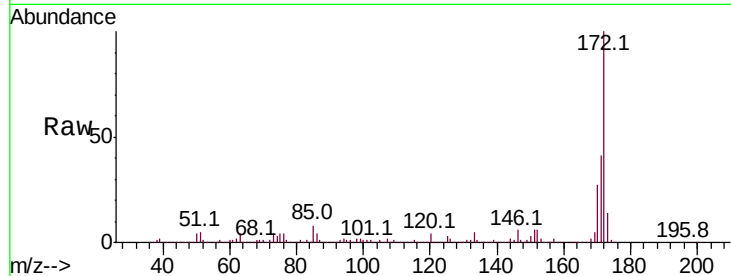
#45
2-Fluorobiphenyl
Concen: 84.073 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	33.2	49.8
170	27.3	22.9	34.3

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Sohil
12/11/2018 8:44:48 AM

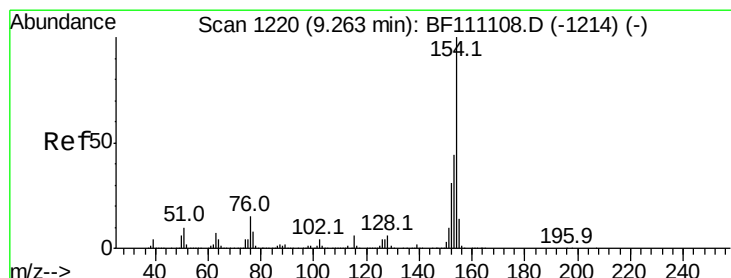
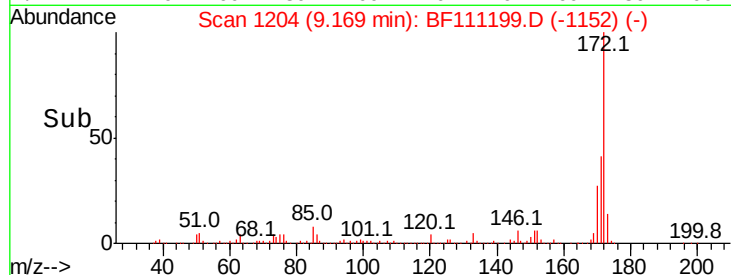
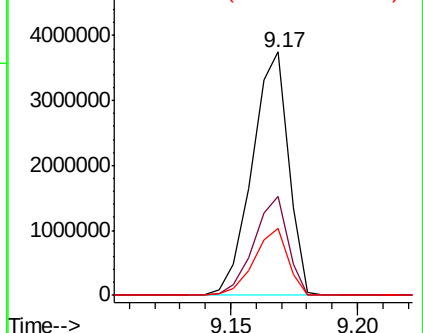


Abundance

Ion 172.00 (171.70 to 172.70): E

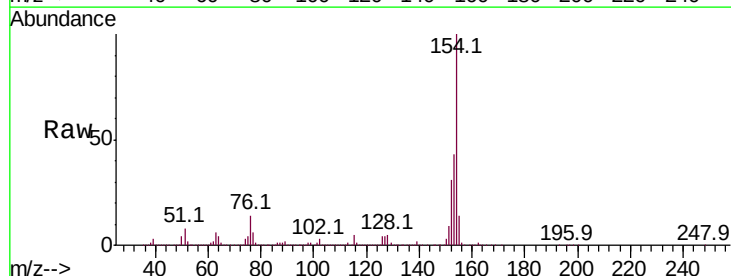
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.124 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.7	63.7
76	13.7	0.0	35.0

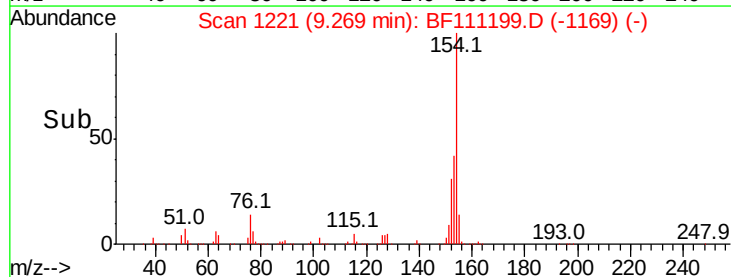
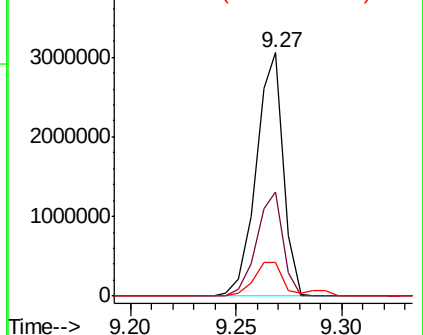


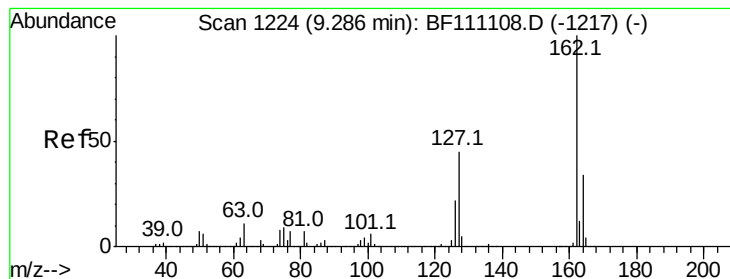
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





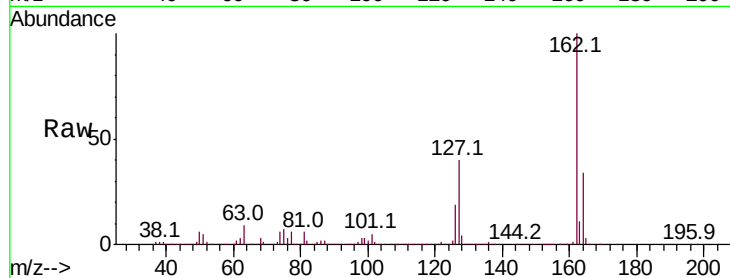
#47
 2-Chloronaphthalene
 Concen: 39.383 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

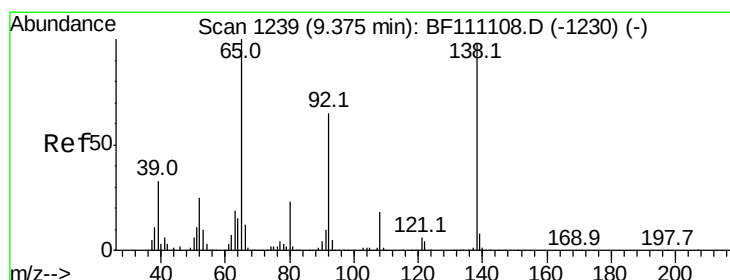
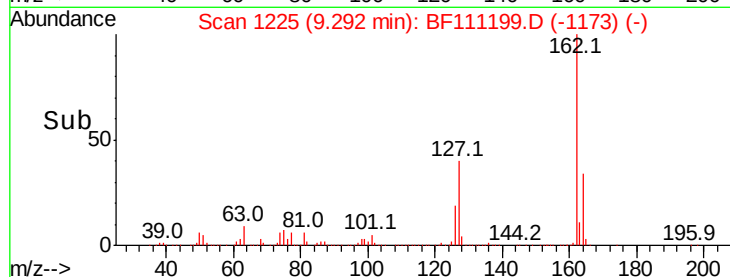
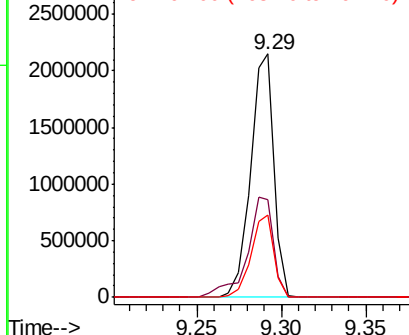
Tot Ion:162 Resp: 2074499
 Ion Ratio Lower Upper
 162 100
 127 40.1 36.4 54.6
 164 33.8 27.3 40.9

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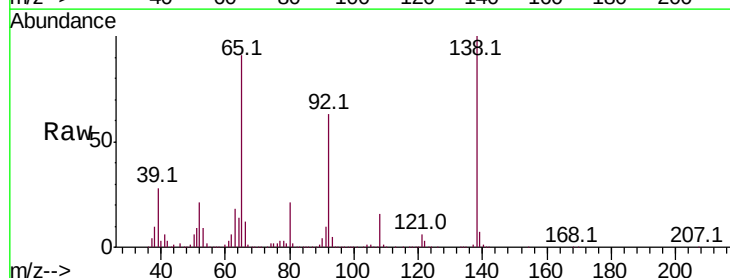


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

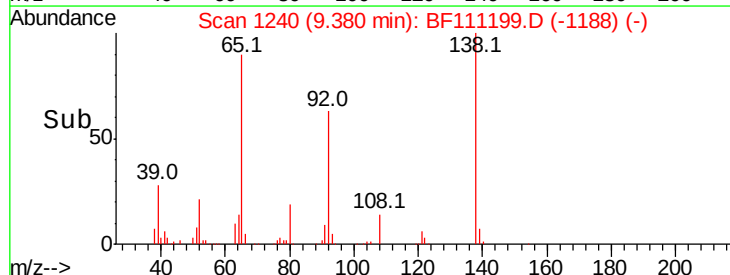
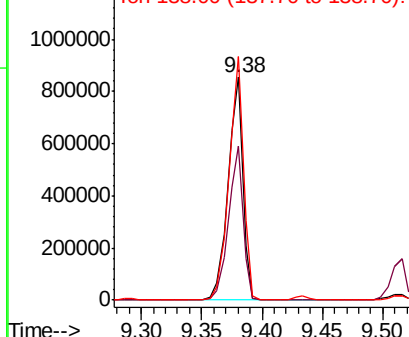


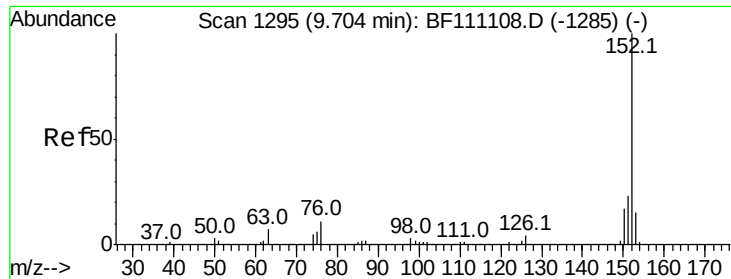
#48
 2-Nitroaniline
 Concen: 42.606 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion: 65 Resp: 727309
 Ion Ratio Lower Upper
 65 100
 92 69.0 52.1 78.1
 138 109.4 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: 43.909 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:152 Resp: 3232997

Ion Ratio Lower Upper

152 100

151 22.2 18.3 27.5

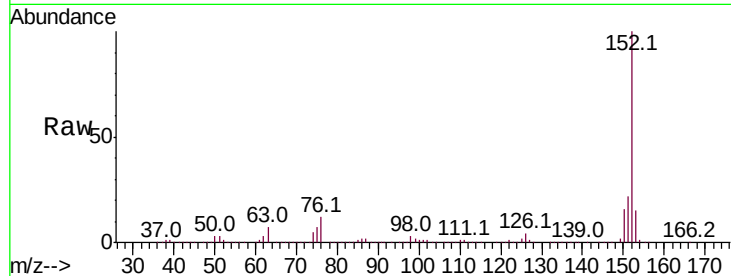
153 15.0 11.8 17.8

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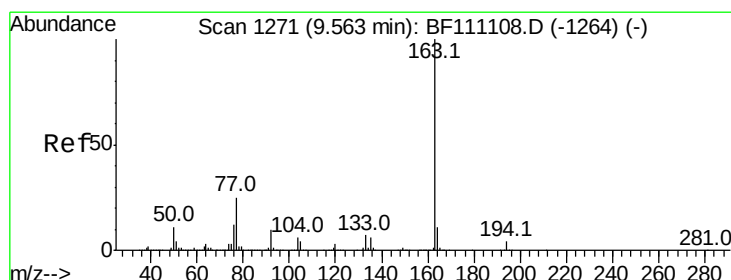
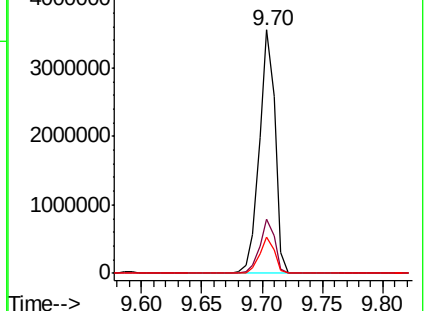
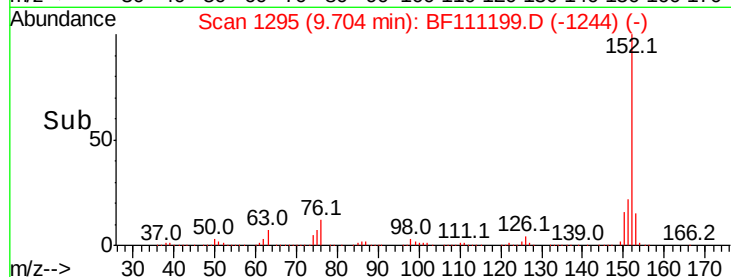
12/11/2018 8:44:48 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.994 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

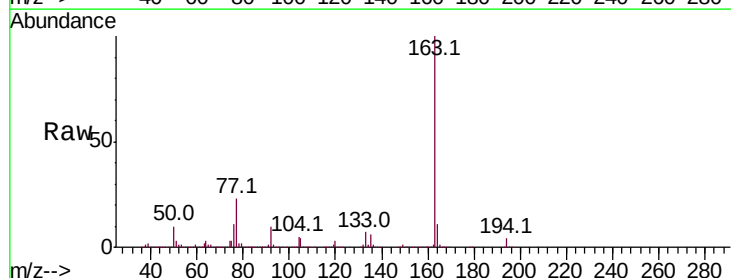
Tgt Ion:163 Resp: 2823554

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

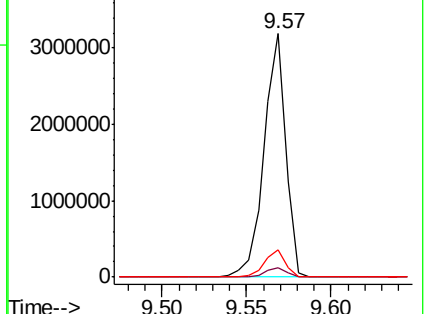
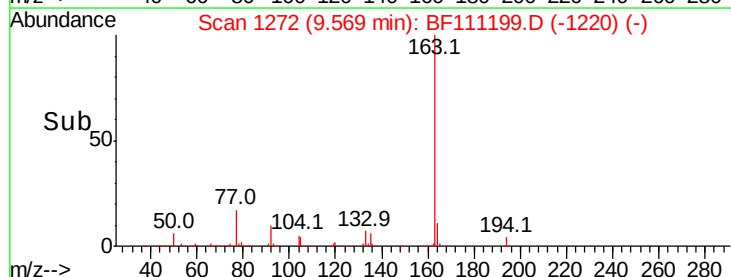
164 11.1 8.9 13.3

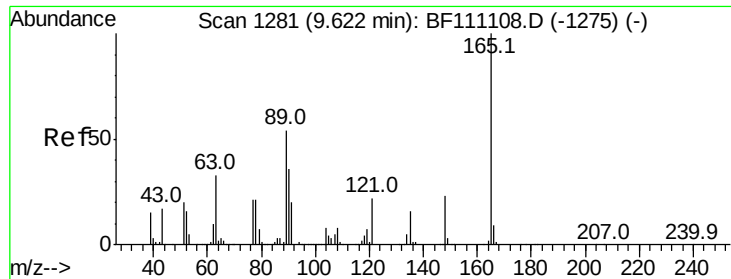


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.430 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:165 Resp: 567300

Ion Ratio Lower Upper

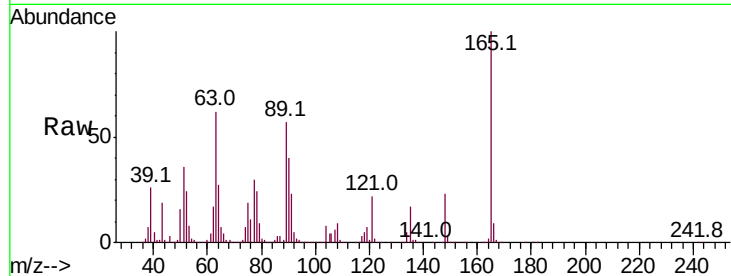
165 100

63 62.0 44.7 67.1

89 56.8 43.0 64.4

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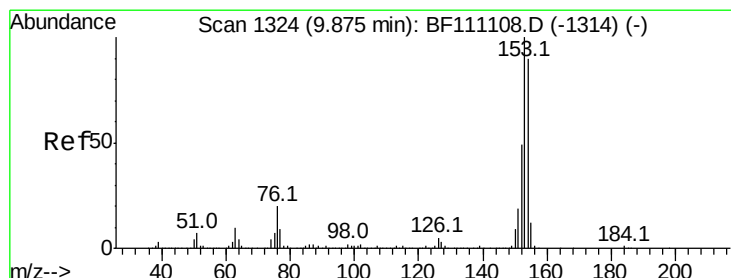
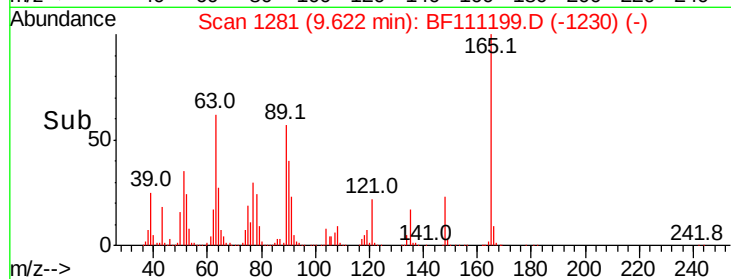
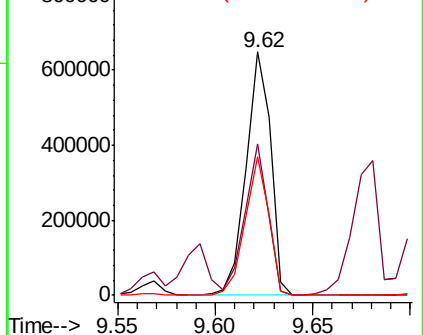
Sohil
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.888 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

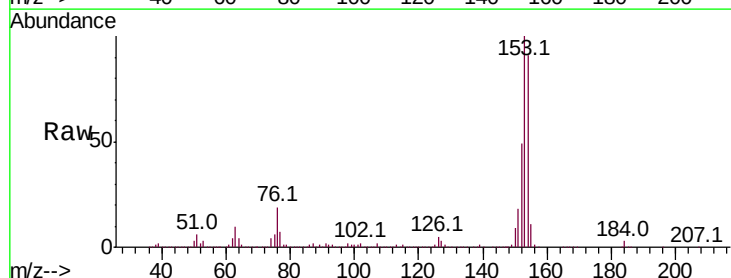
Tgt Ion:154 Resp: 2086200

Ion Ratio Lower Upper

154 100

153 110.0 88.7 133.1

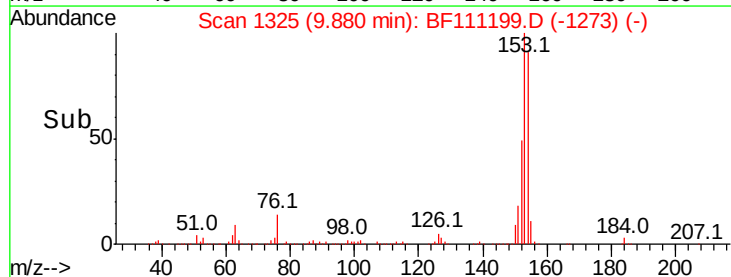
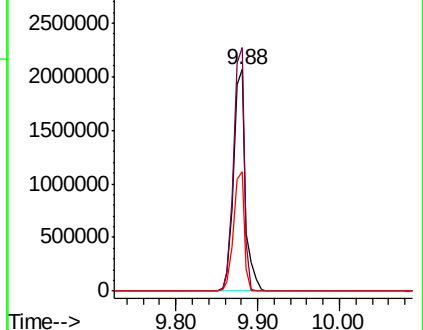
152 54.2 43.8 65.8

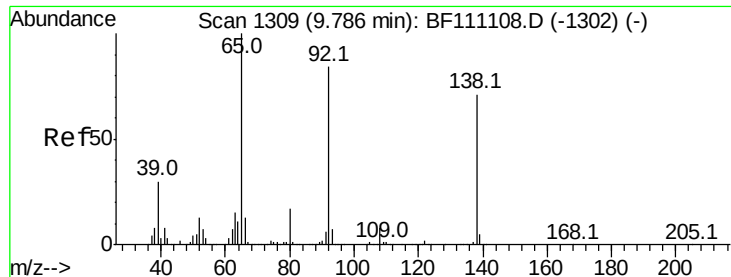


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





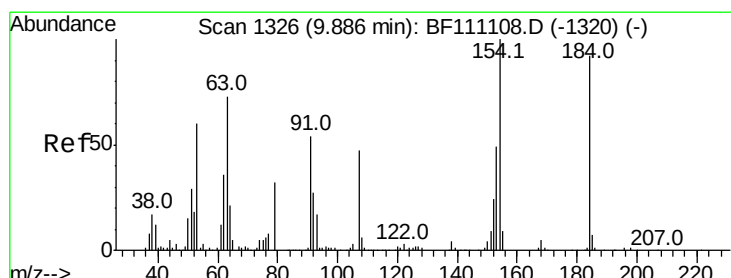
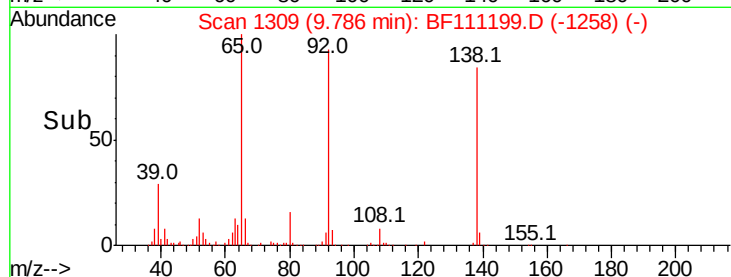
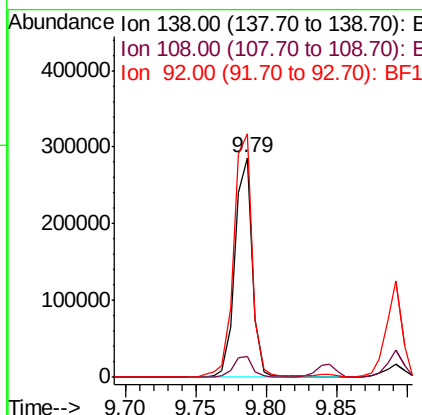
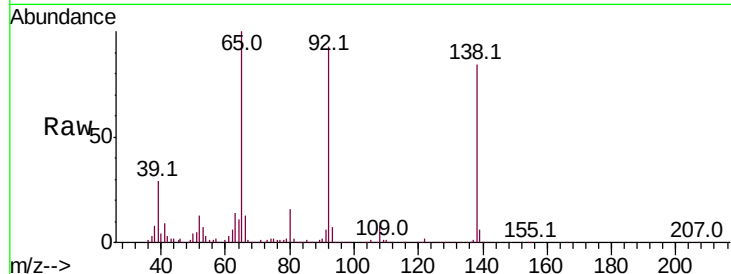
#53
3-Nitroaniline
Concen: 16.036 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	9.4	14.0#
92	110.9	94.1	141.1

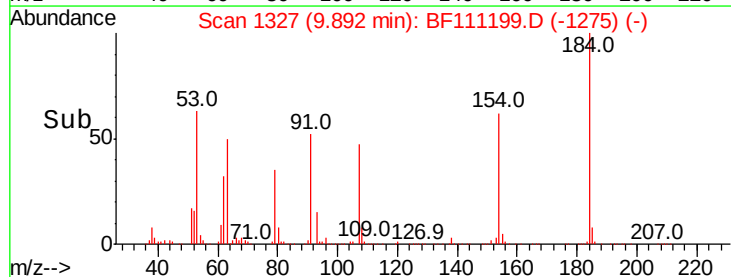
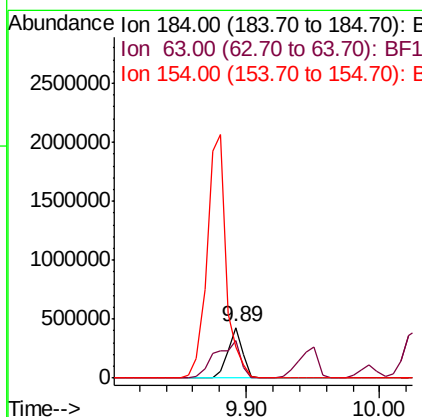
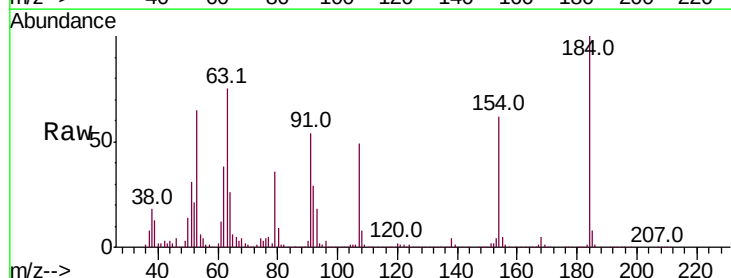
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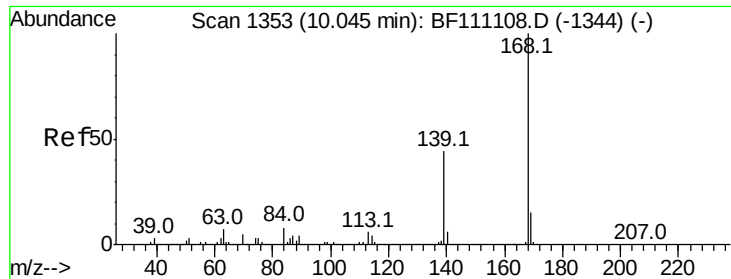
Sohil
12/11/2018 8:44:48 AM



#54
2,4-Dinitrophenol
Concen: 86.338 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.9	64.2	96.4
154	62.3	89.5	134.3#





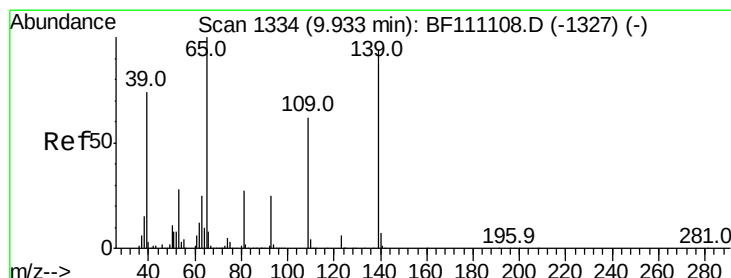
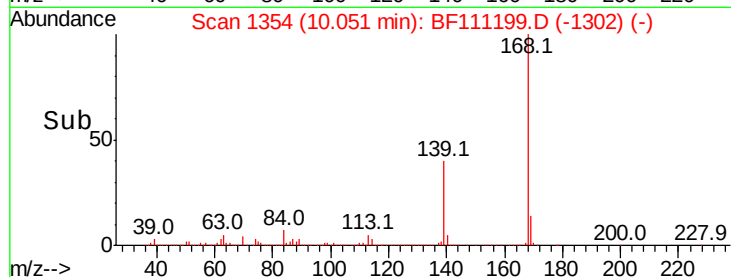
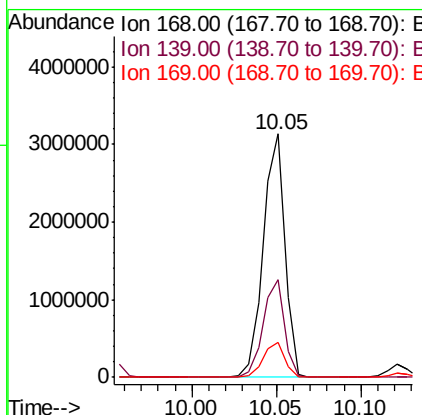
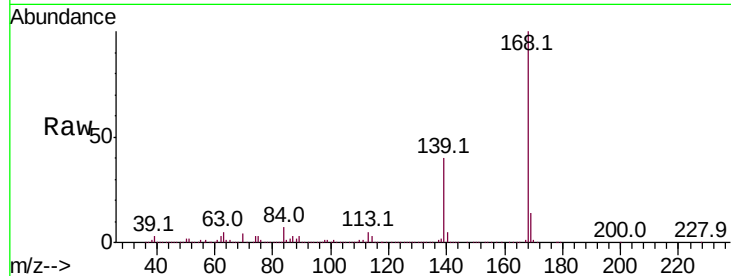
#55
Dibenzofuran
Concen: 41.638 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	35.1	52.7
169	14.2	12.2	18.4

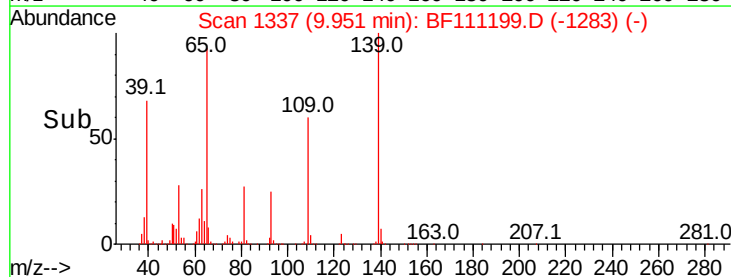
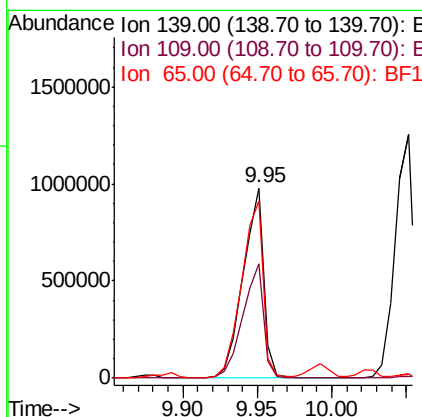
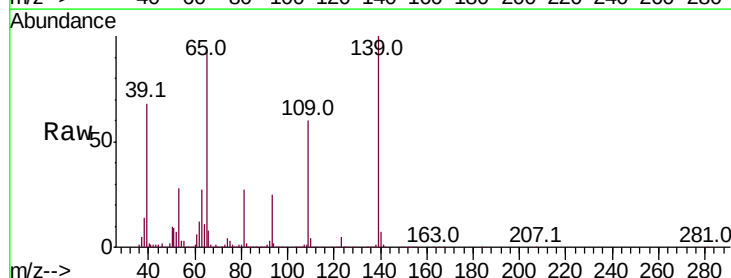
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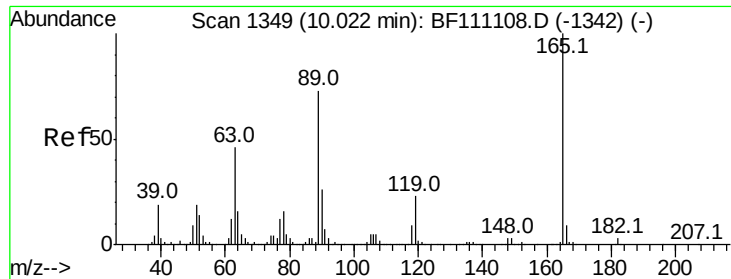
Sohil
12/11/2018 8:44:48 AM



#56
4-Nitrophenol
Concen: 81.100 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	46.1	86.1
65	93.4	87.0	127.0





#57

2,4-Dinitrotoluene

Concen: 47.736 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

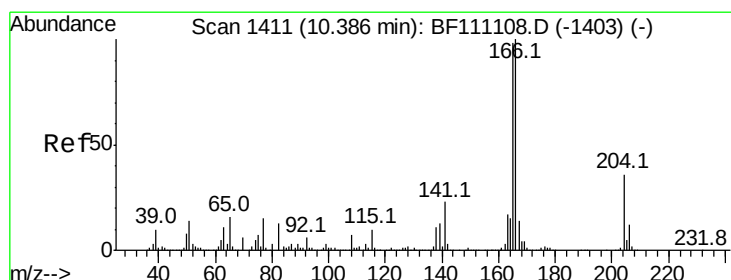
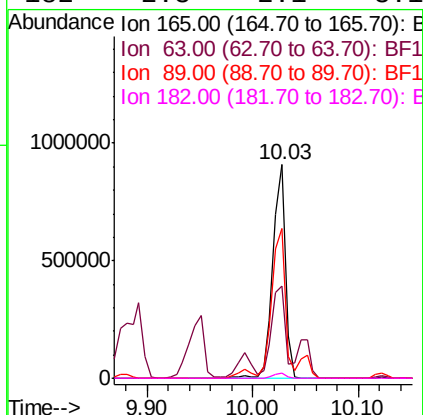
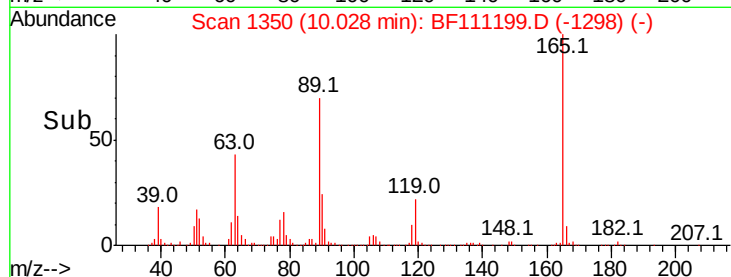
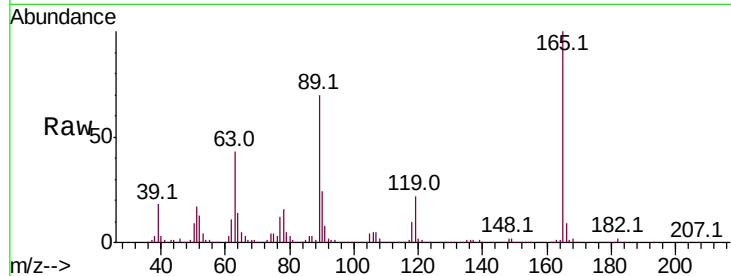
ClientSampleId :

SB-10(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	36.7	55.1	
89	70.3	58.4	87.6	
182	2.3	2.1	3.1	

Manual Integrations
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#58

Fluorene

Concen: 38.106 ng

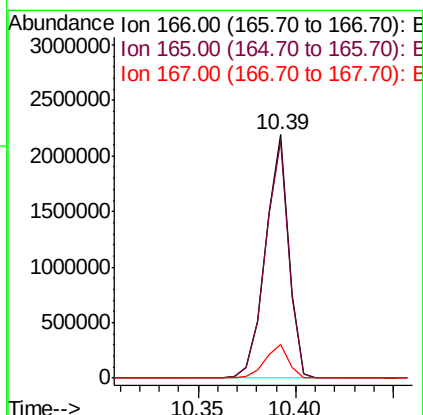
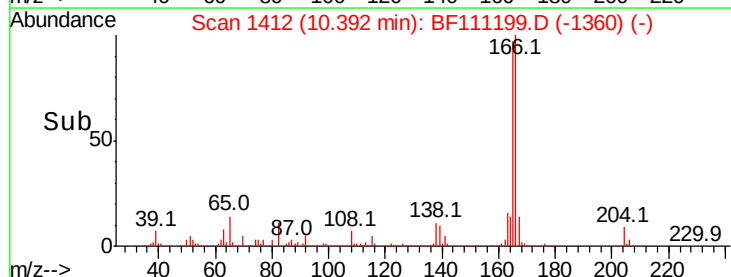
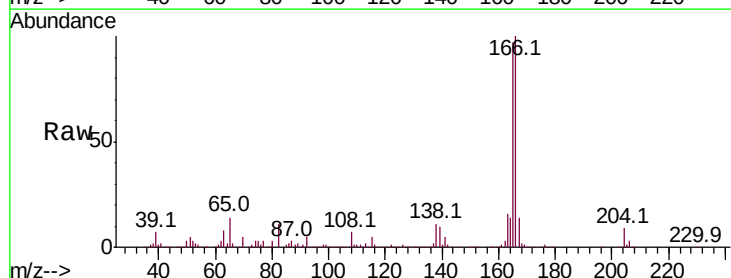
RT: 10.39 min Scan# 1412

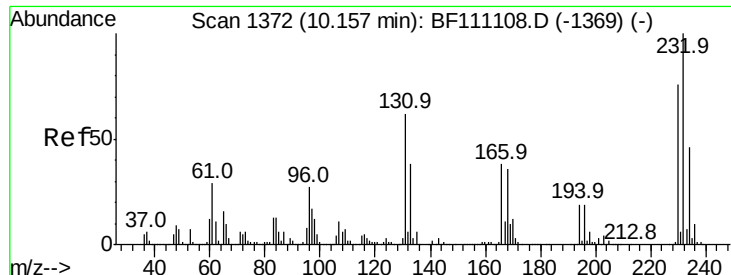
Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	78.4	117.6	
167	13.8	11.4	17.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.649 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:232 Resp: 556703

Ion Ratio Lower Upper

232 100

131 52.6 40.4 60.6

130 2.6 2.1 3.1

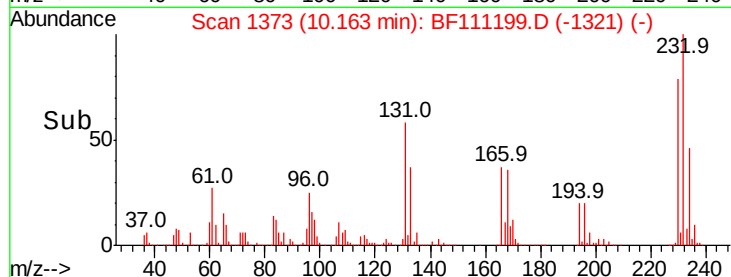
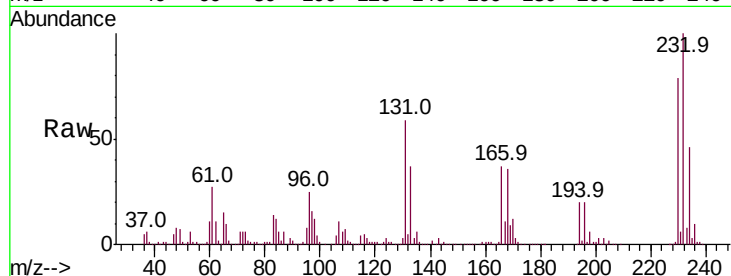
166 34.0 23.0 34.6

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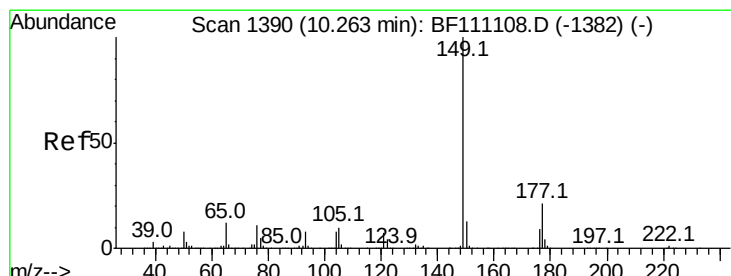
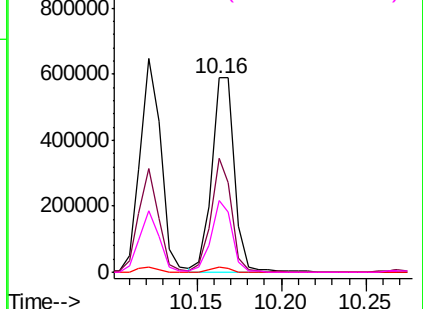


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.311 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

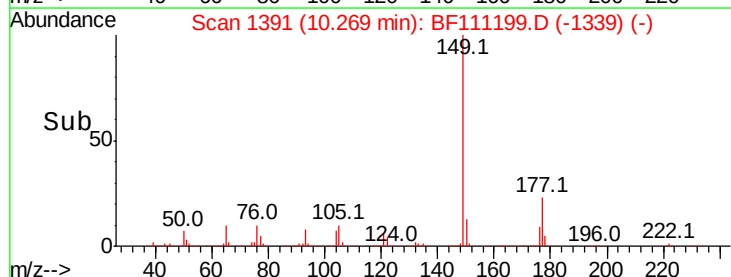
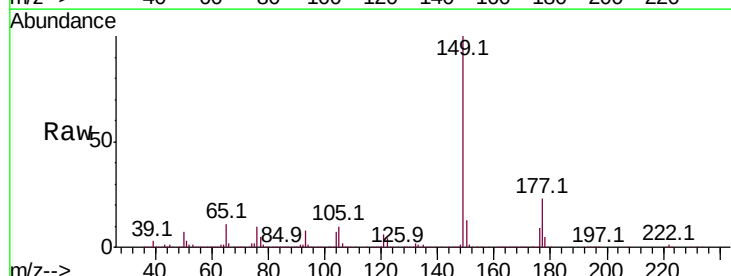
Tgt Ion:149 Resp: 2264042

Ion Ratio Lower Upper

149 100

177 22.6 17.0 25.6

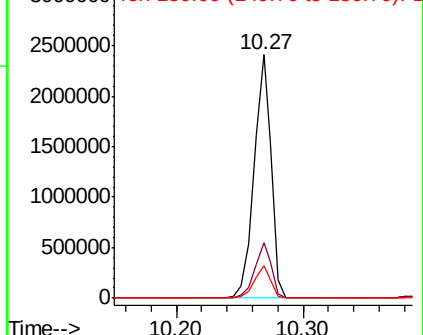
150 13.2 10.5 15.7

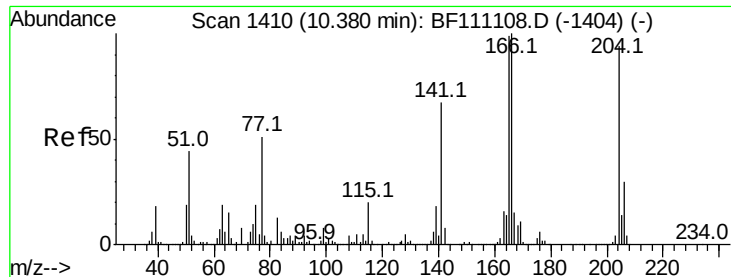


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





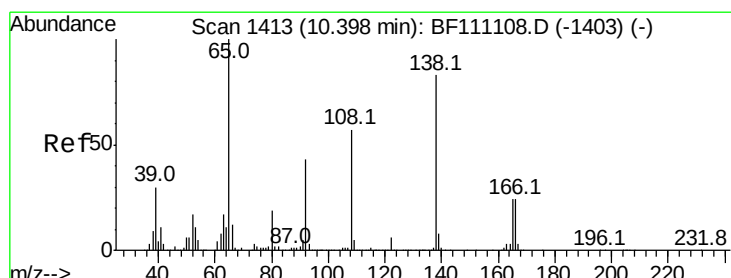
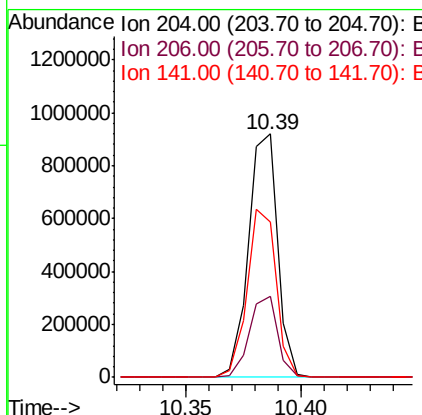
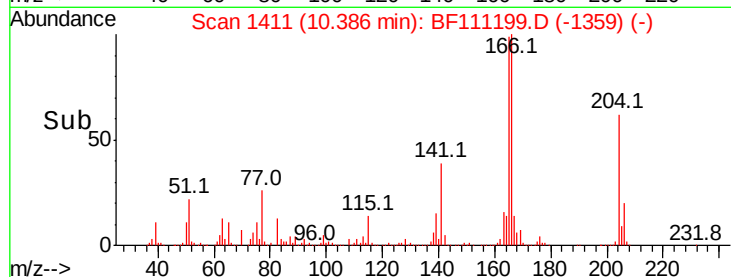
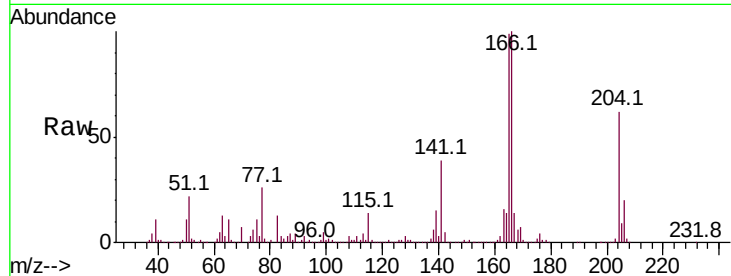
#61
4-Chlorophenyl-phenylether
Concen: 34.992 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	63.9	57.4	86.0

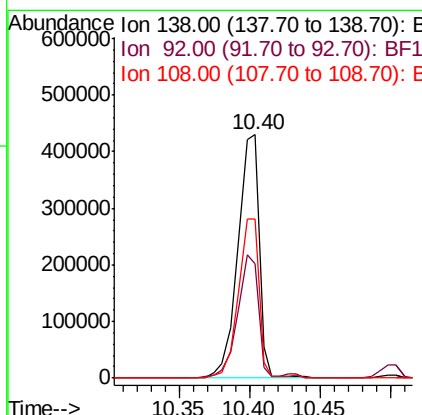
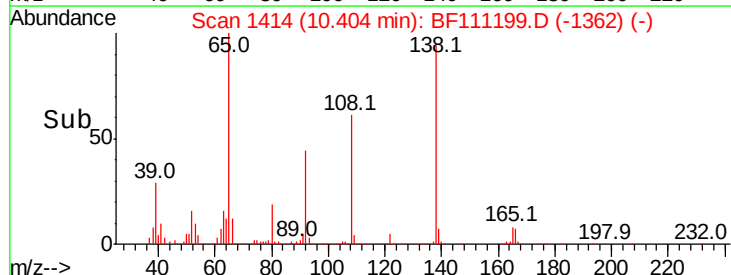
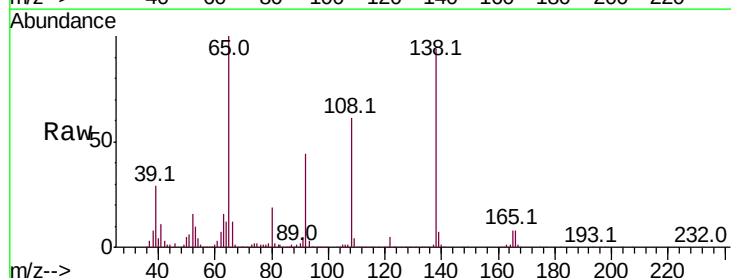
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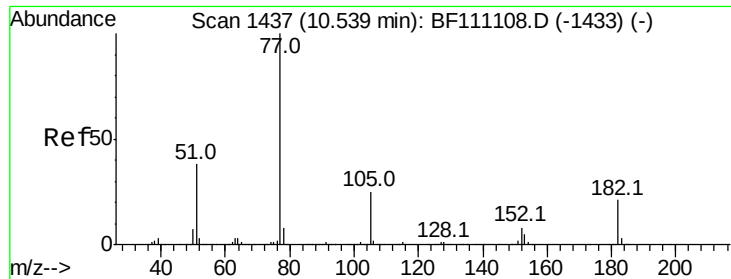
Sohil
12/11/2018 8:44:48 AM



#62
4-Nitroaniline
Concen: 32.872 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.6	71.6
108	65.2	48.3	88.3





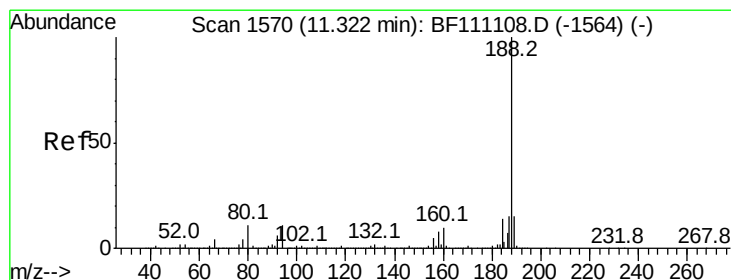
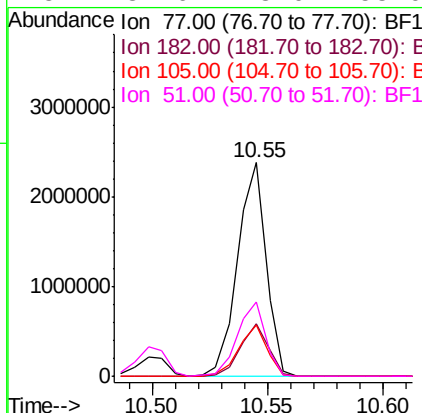
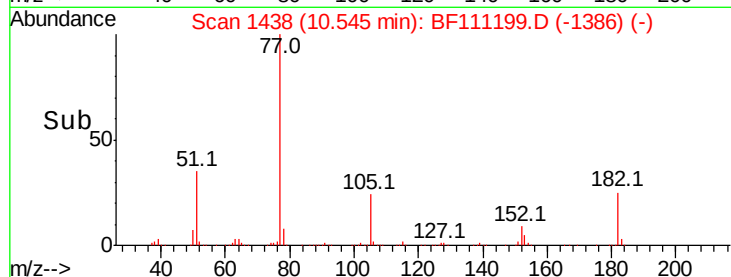
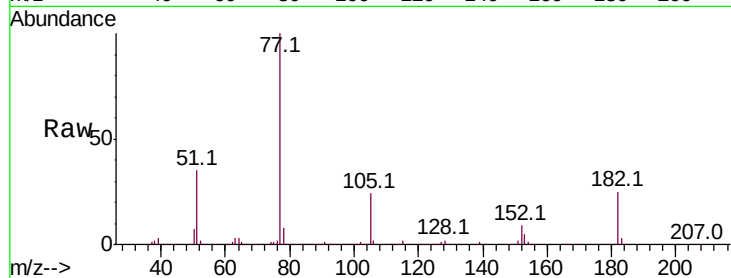
#63
Azobenzene
Concen: 33.587 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion: 77 Resp: 2059434
Ion Ratio Lower Upper
77 100
182 24.7 1.4 41.4
105 24.0 4.7 44.7
51 34.6 18.0 58.0

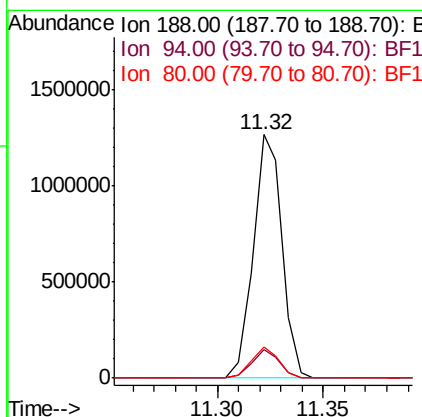
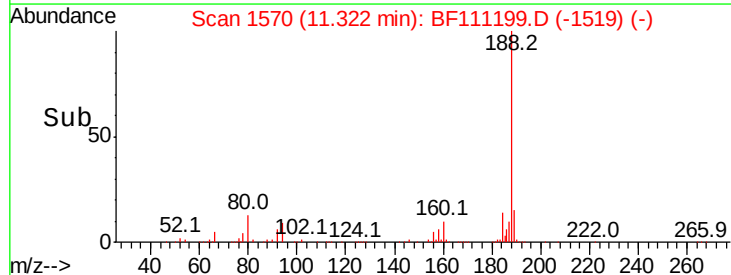
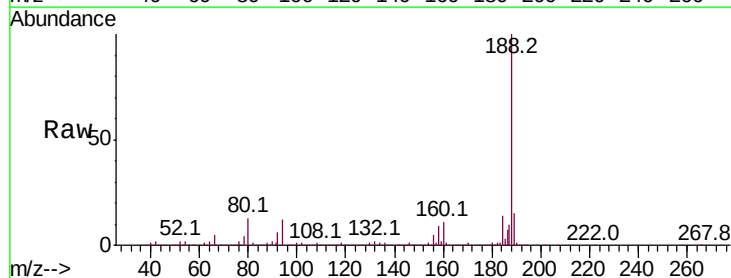
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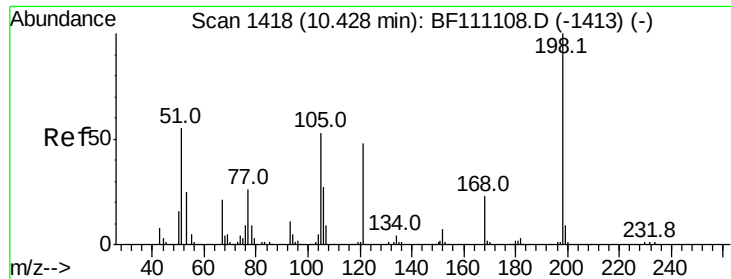
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion: 188 Resp: 1194402
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.9 9.0 13.6





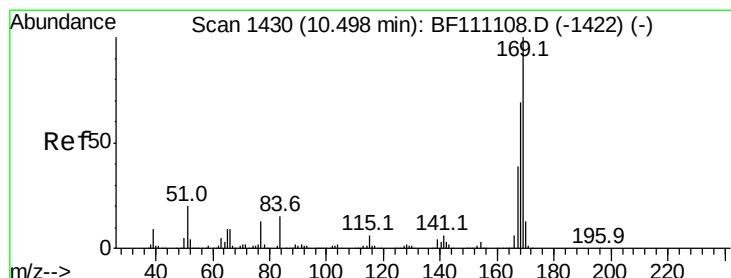
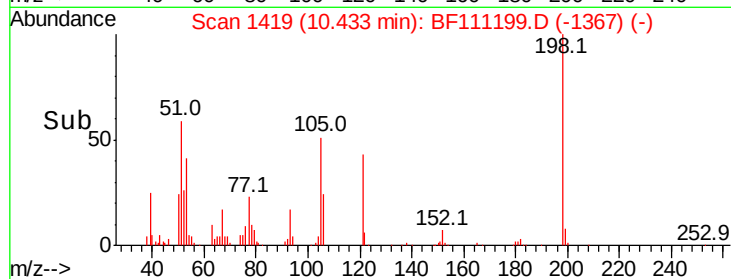
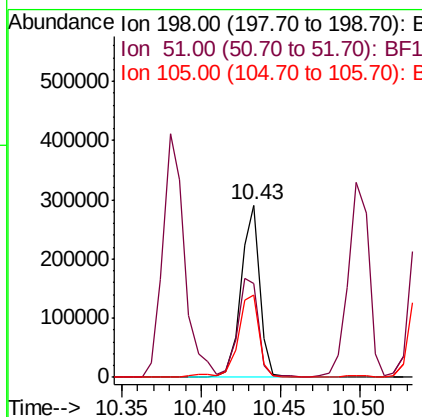
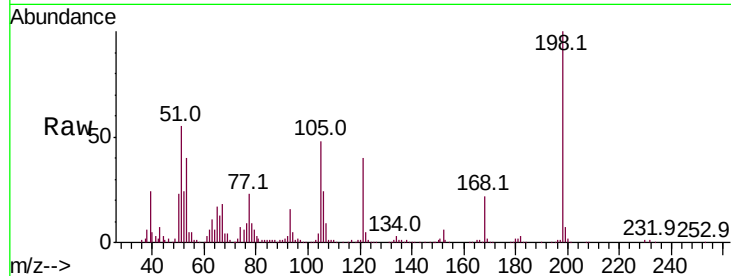
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.870 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	236216		
51	54.8	48.8	88.8	
105	47.6	35.2	75.2	

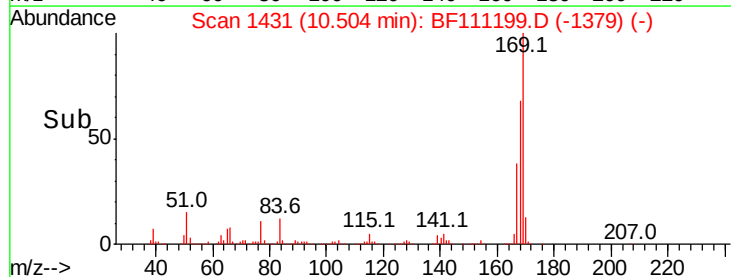
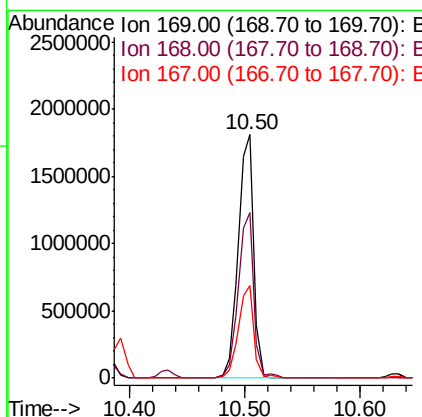
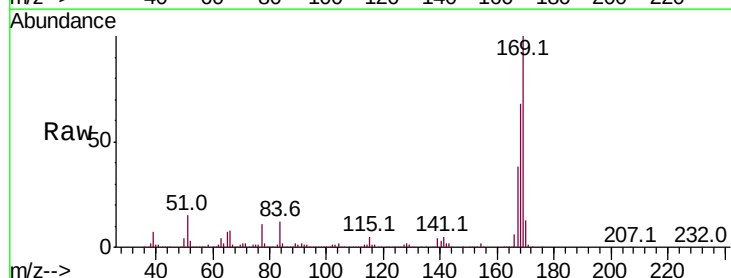
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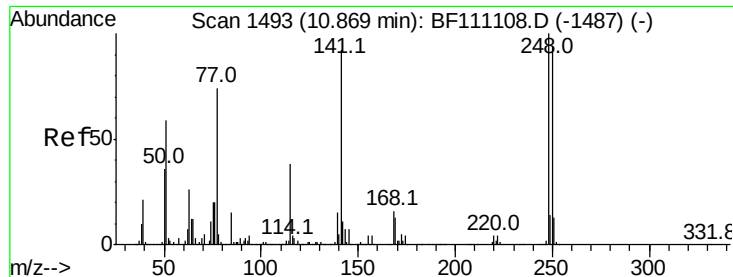
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#66
 n-Nitrosodiphenylamine
 Concen: 40.130 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1678322		
168	68.0	55.4	83.2	
167	38.0	31.1	46.7	





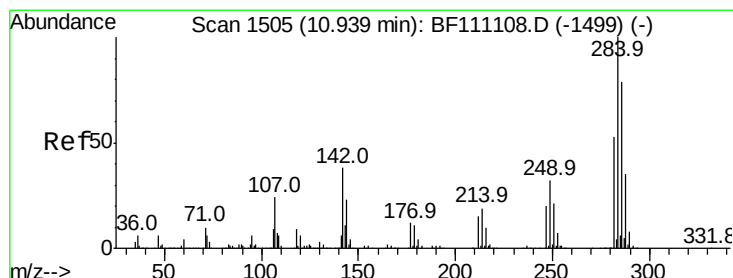
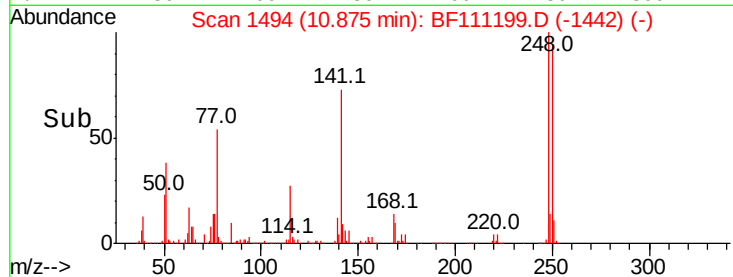
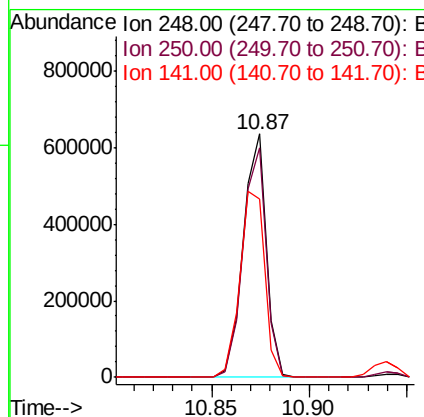
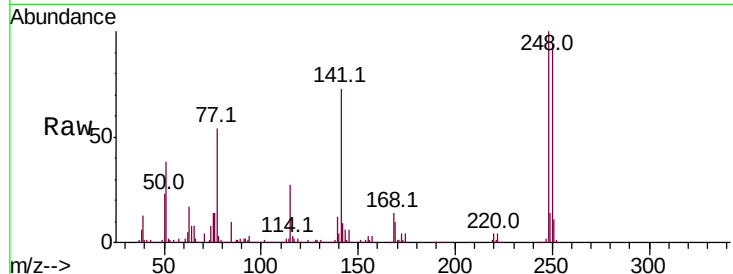
#67
4-Bromophenyl-phenylether
Concen: 41.003 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	75.4	113.0
141	73.2	73.8	110.6#

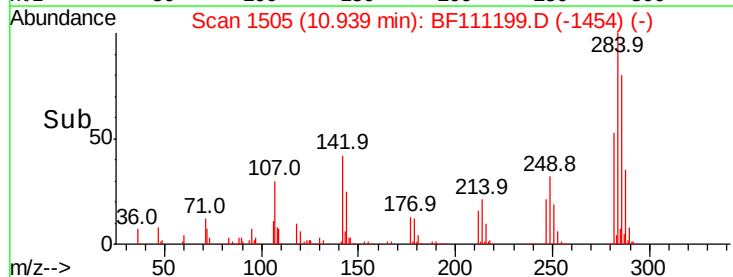
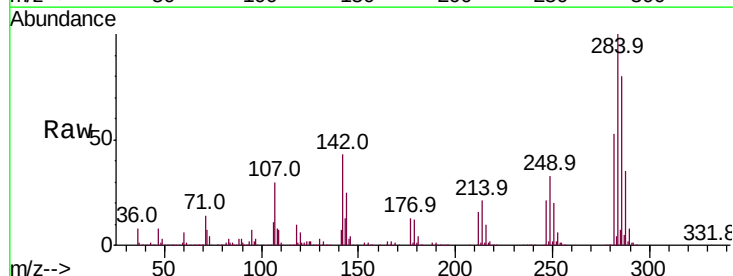
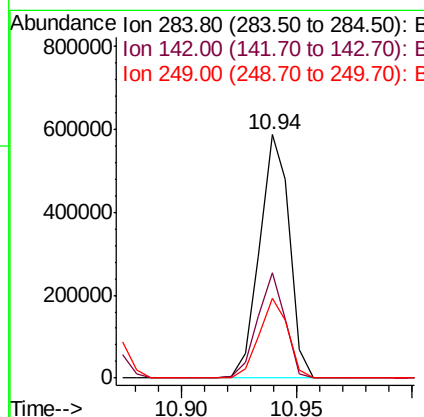
Manual Integrations
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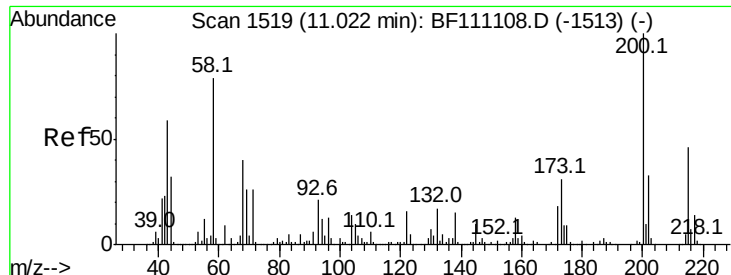
Sohil
12/11/2018 8:44:48 AM



#68
Hexachlorobenzene
Concen: 40.938 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.4	30.2	45.2
249	32.7	25.3	37.9





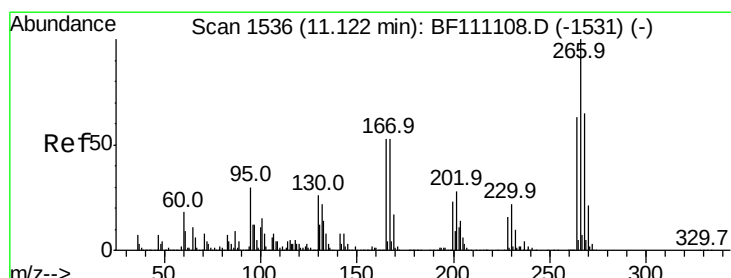
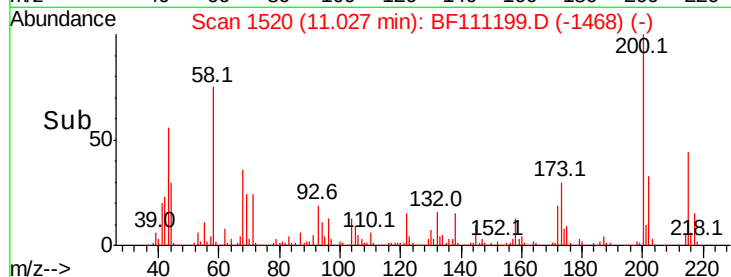
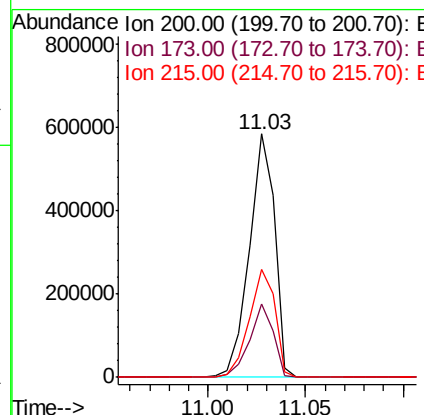
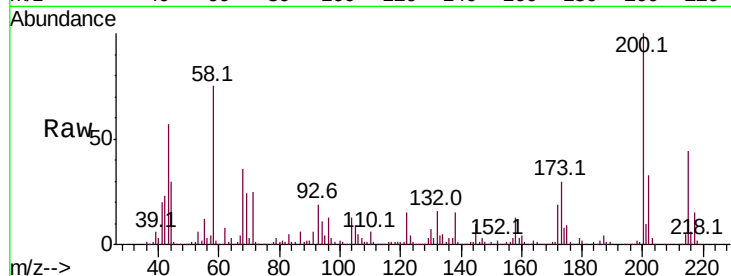
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.3	11.3	51.3
215	44.5	25.9	65.9

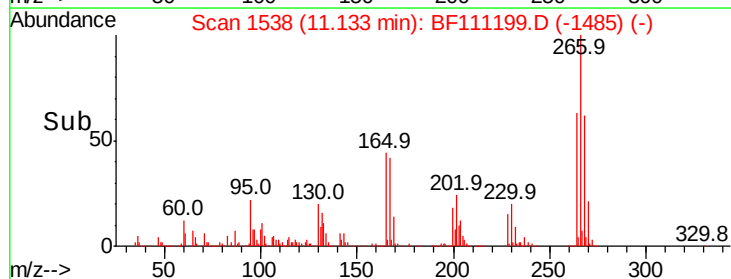
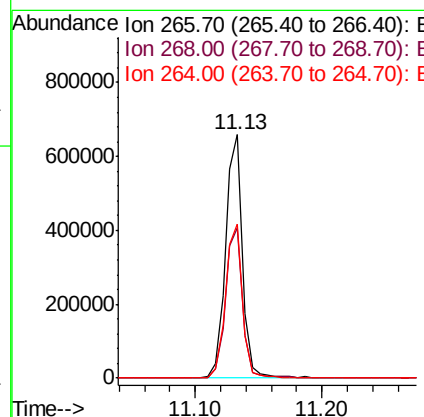
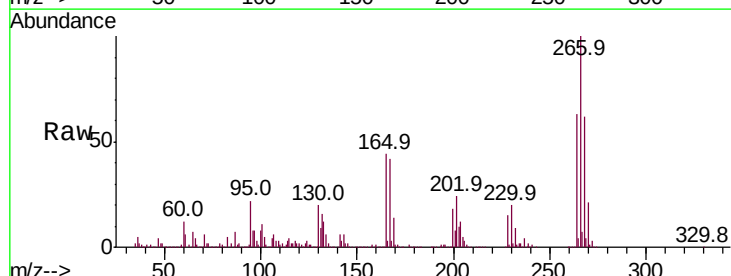
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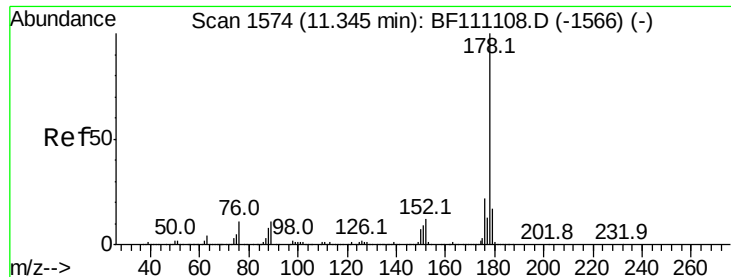
Sohil
12/11/2018 8:44:48 AM



#70
Pentachlorophenol
Concen: 72.478 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.2	78.4
264	63.1	50.8	76.2





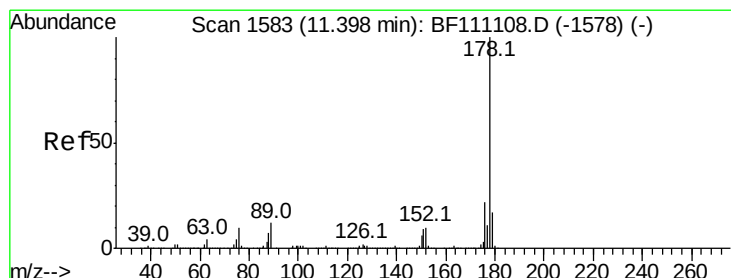
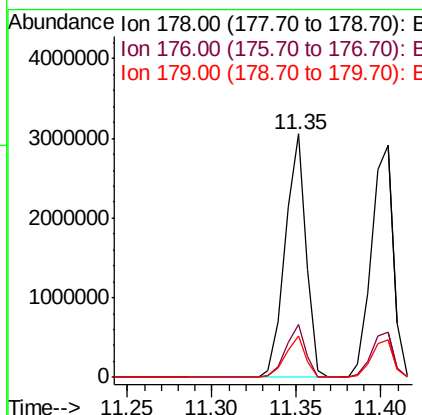
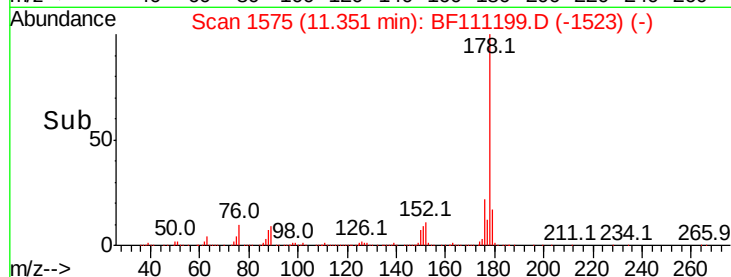
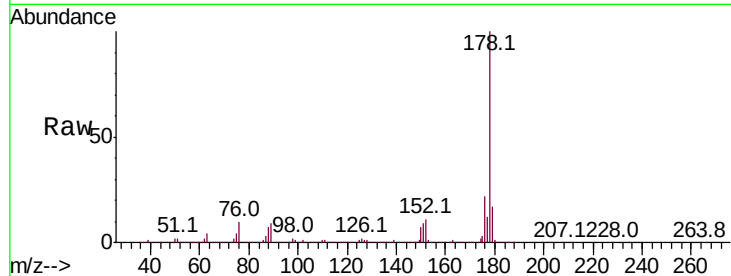
#71
Phenanthrene
Concen: 45.604 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion:178 Resp: 2620095
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 16.8 14.0 21.0

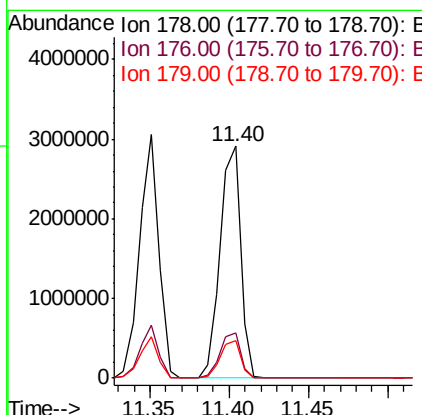
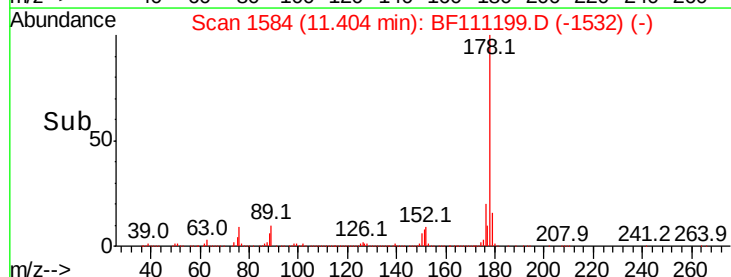
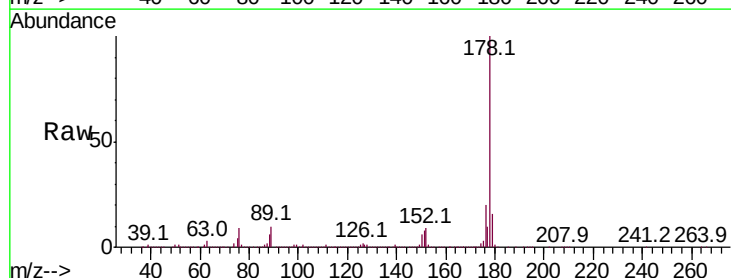
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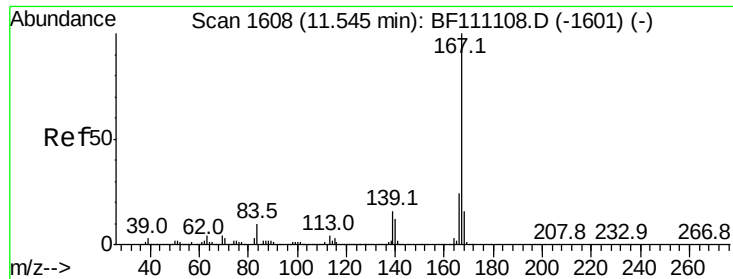
Sohil
12/11/2018 8:44:48 AM



#72
Anthracene
Concen: 45.468 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:178 Resp: 2633173
Ion Ratio Lower Upper
178 100
176 19.7 17.3 25.9
179 16.1 13.8 20.8





#73

Carbazole

Concen: 39.928 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:167 Resp: 2406074

Ion Ratio Lower Upper

167 100

166 22.4 19.4 29.0

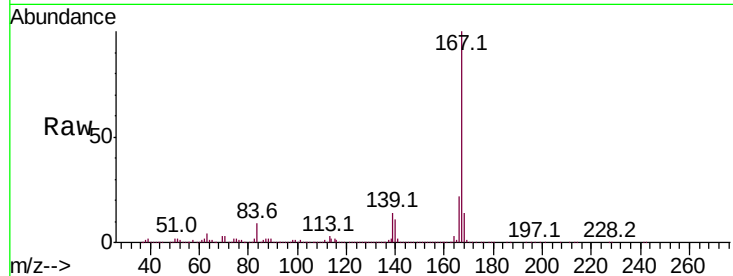
139 14.2 12.6 18.8

Manual Integrations

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Sohil

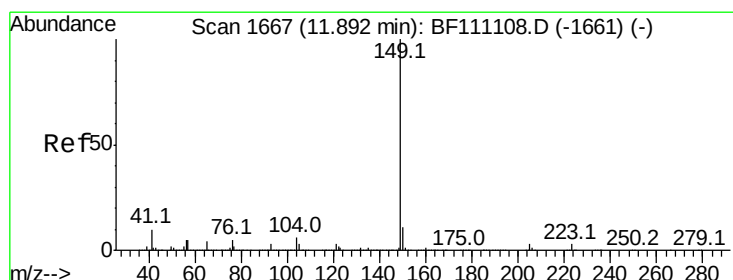
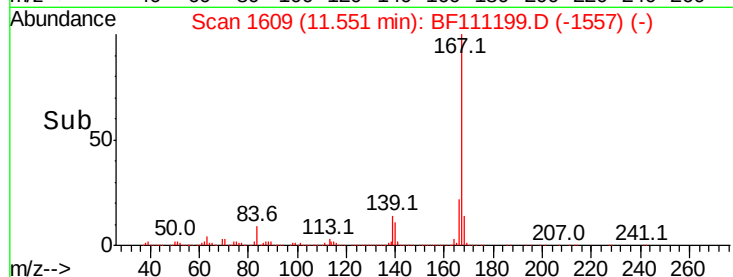
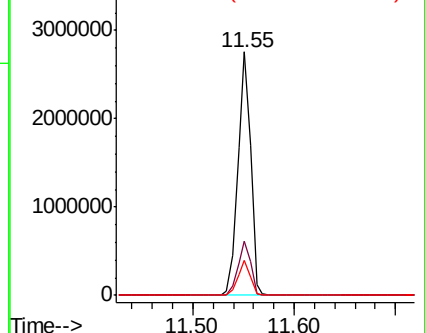
12/11/2018 8:44:48 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.827 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

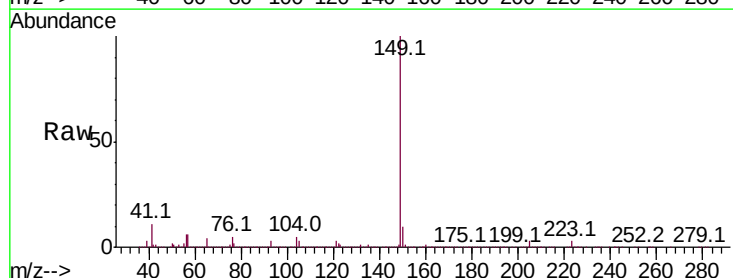
Tgt Ion:149 Resp: 3020946

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

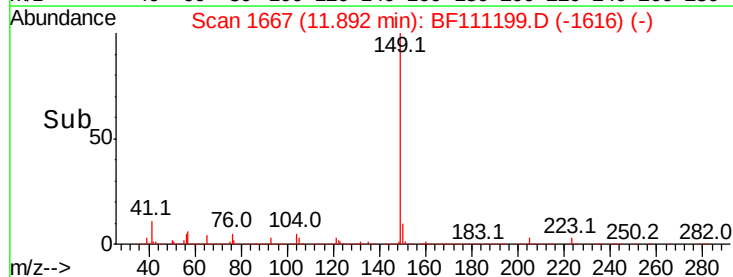
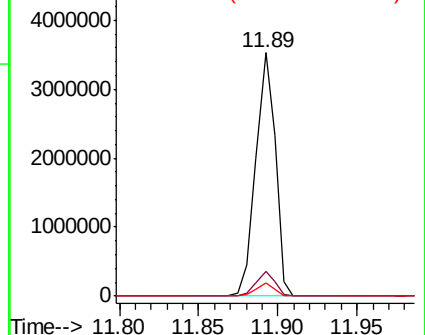
104 5.5 4.5 6.7

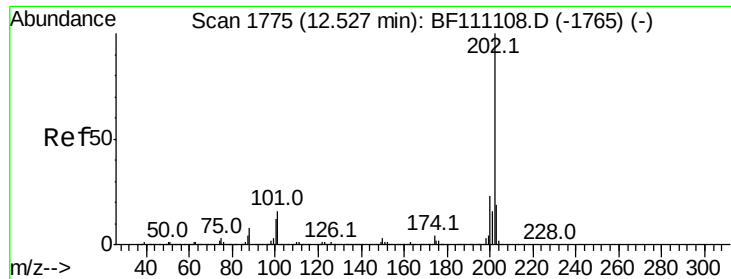


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.311 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

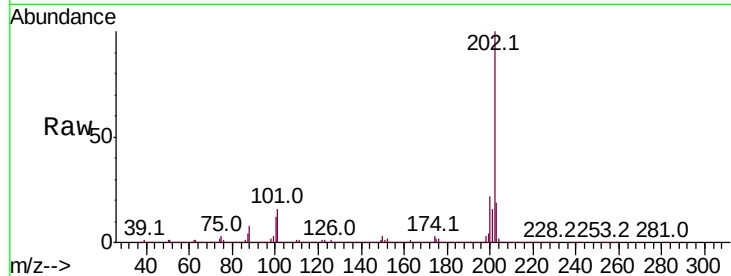
ClientSampleId :

SB-10(13-15)MS

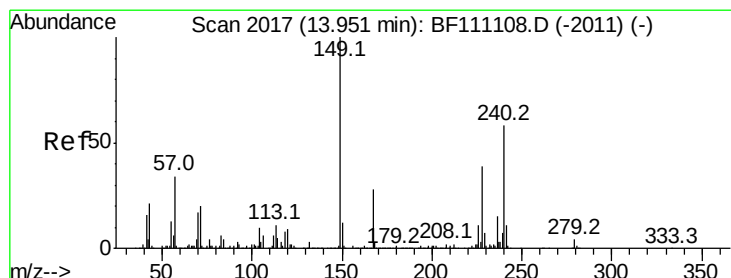
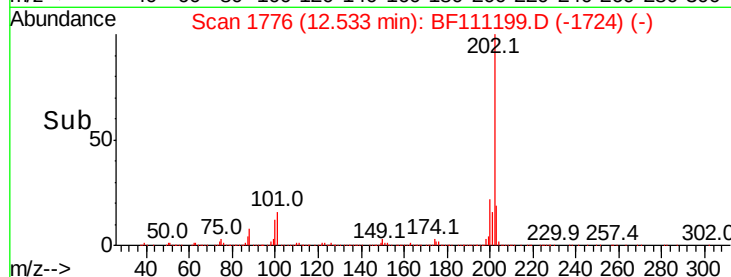
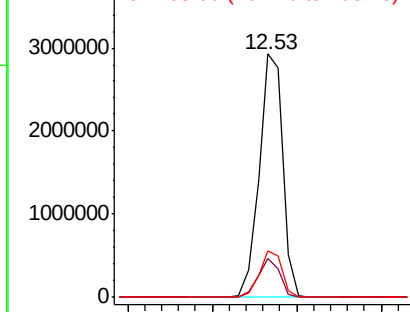
Tot Ion:	202	Resp:	2828454
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	35.8
203	19.0	0.0	38.6

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



#76

Chrysene-d12

Concen: 20.000 ng

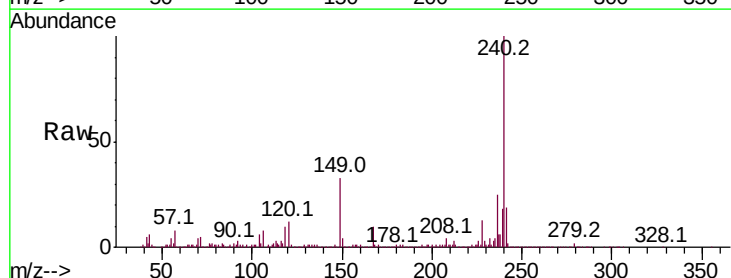
RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

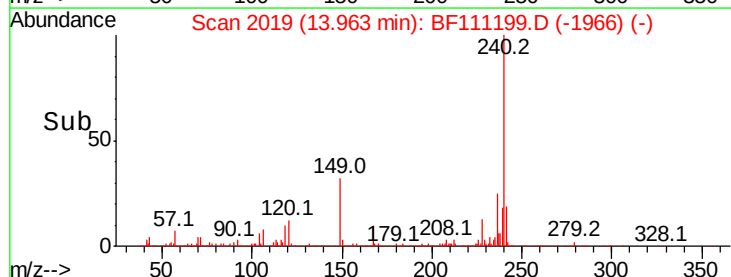
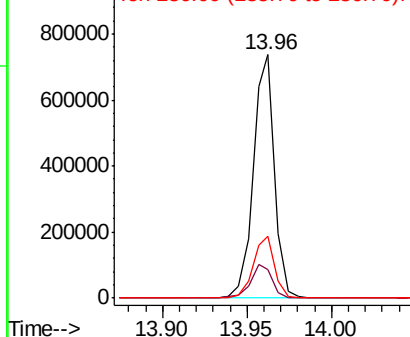
Lab File: BF111199.D

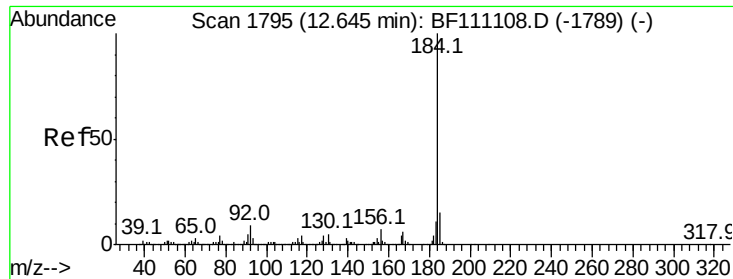
Acq: 7 Dec 2018 20:54

Tgt Ion:	240	Resp:	638867
Ion Ratio	Lower	Upper	
240	100		
120	11.9	12.8	19.2#
236	25.2	21.1	31.7



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





#77

Benzidine

Concen: 23.231 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

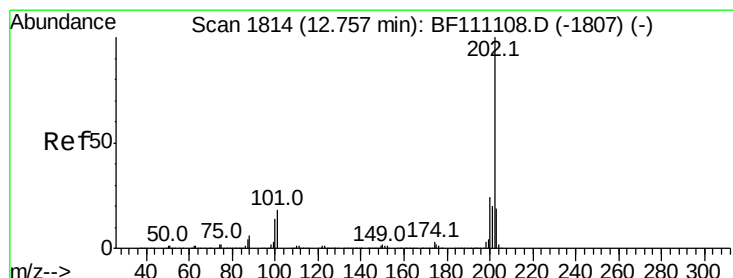
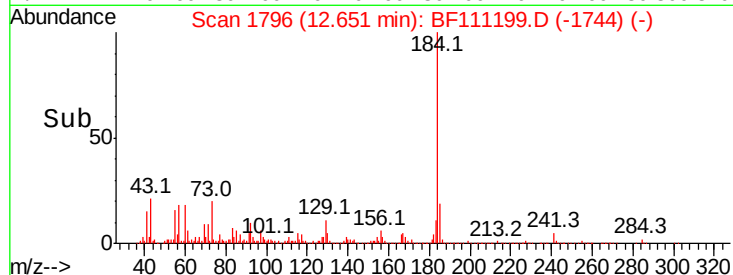
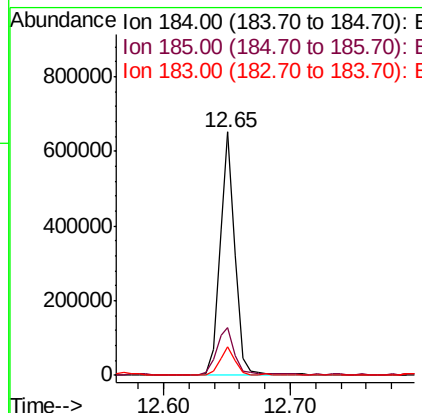
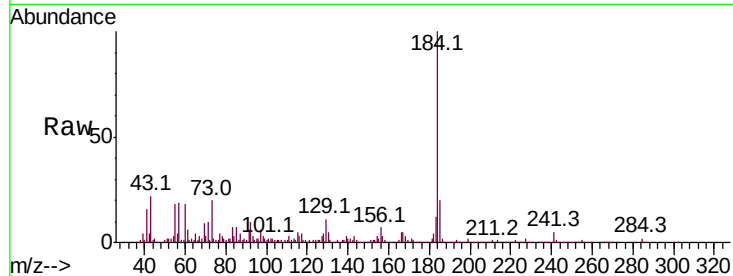
ClientSampleId :

SB-10(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	19.7	12.0	18.0	
183	11.8	8.9	13.3	

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#78

Pyrene

Concen: 59.839 ng

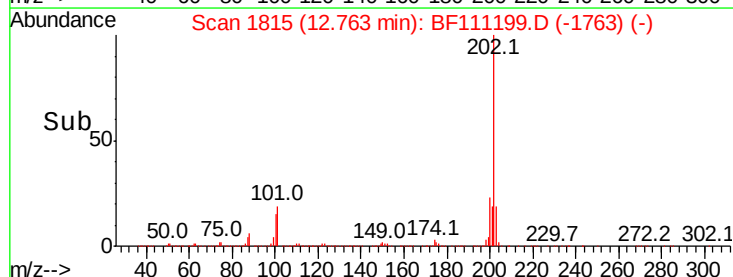
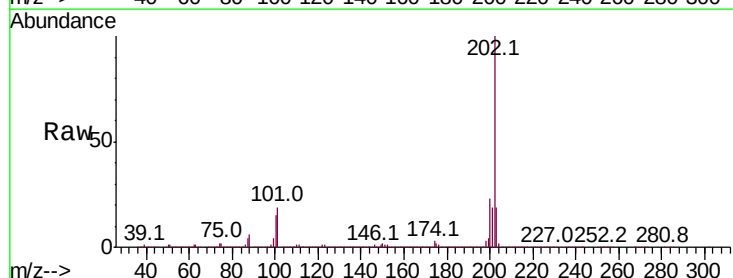
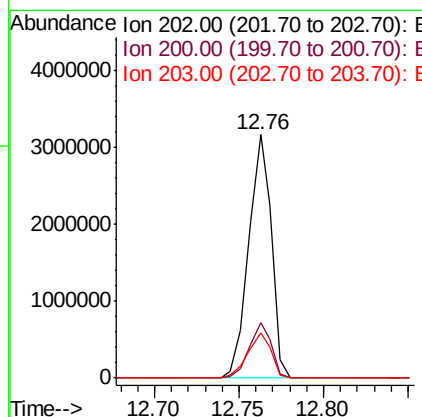
RT: 12.76 min Scan# 1815

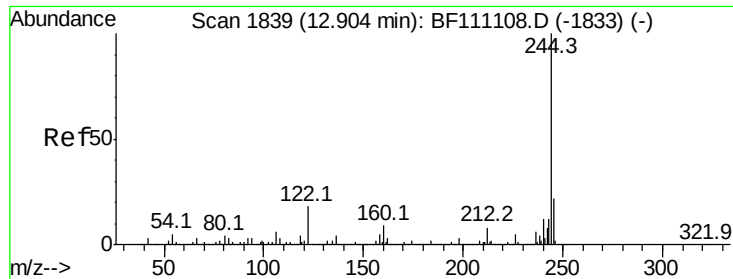
Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.5	19.3	28.9	
203	18.6	15.4	23.2	





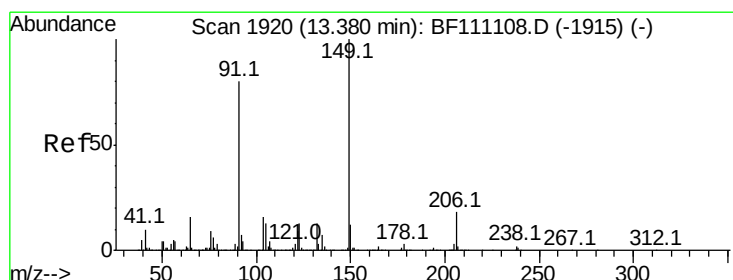
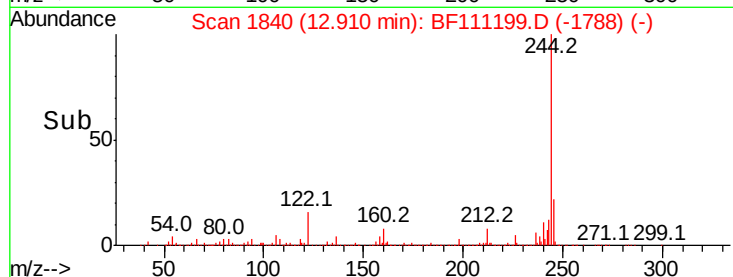
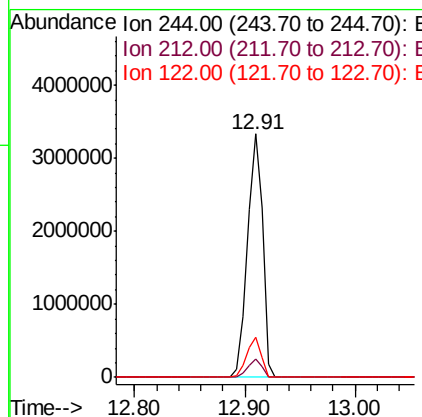
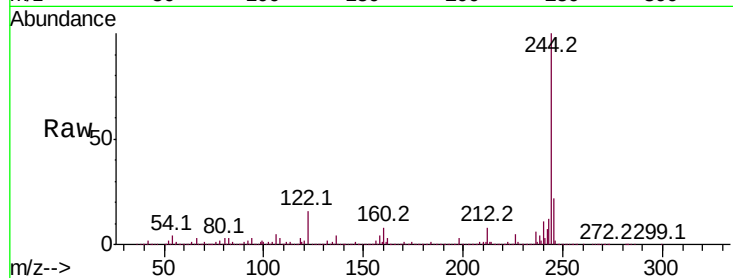
#79
 Terphenyl-d14
 Concen: 103.355 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	16.4	14.2	21.2

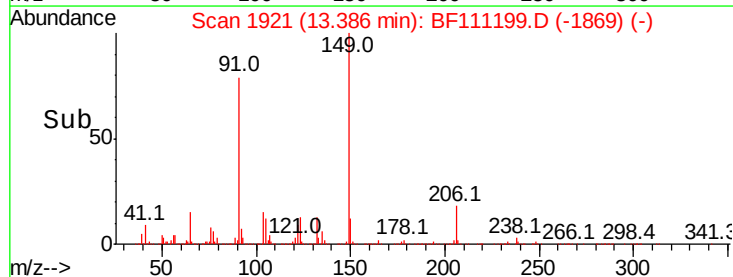
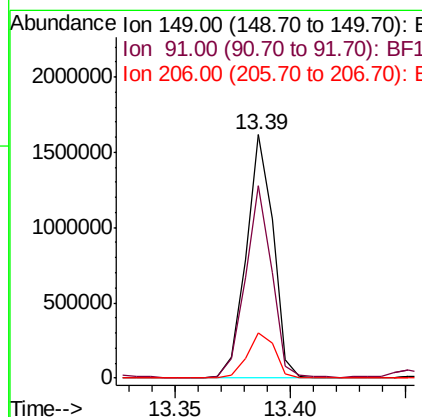
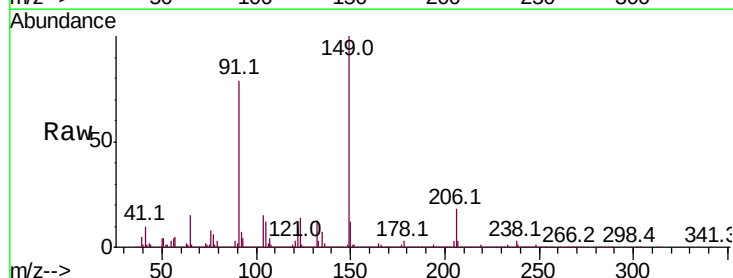
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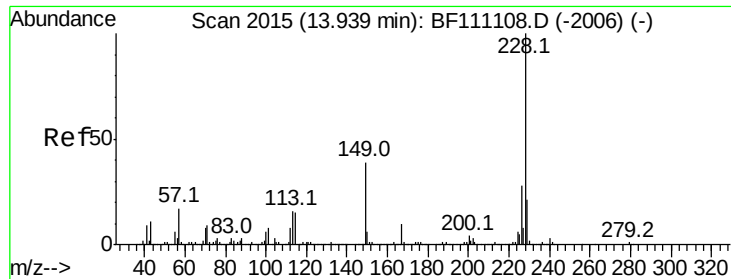
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#80
 Butylbenzylphthalate
 Concen: 54.788 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	64.0	96.0
206	18.3	14.1	21.1





#81

Benzo(a)anthracene

Concen: 42.343 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)MS

Tot Ion:228 Resp: 1584959

Ion Ratio Lower Upper

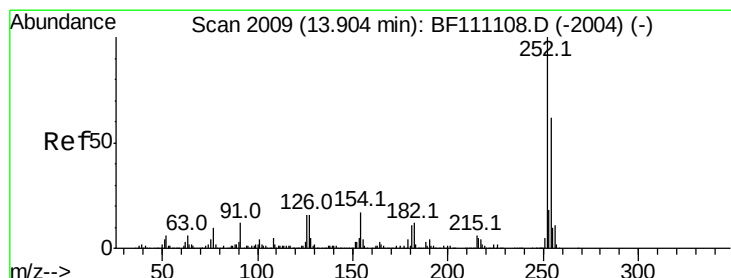
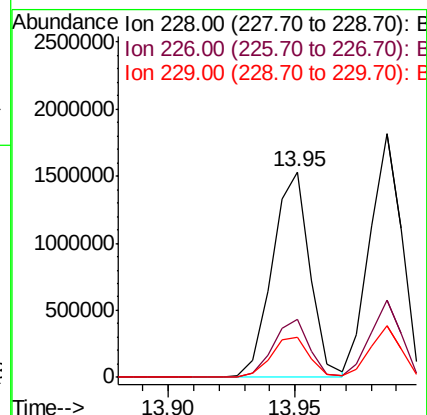
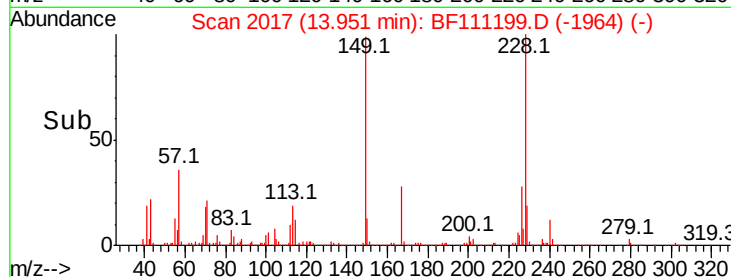
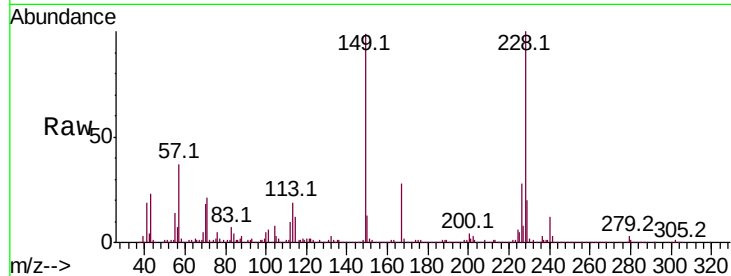
228 100

226 28.2 22.6 34.0

229 19.5 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 11.580 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

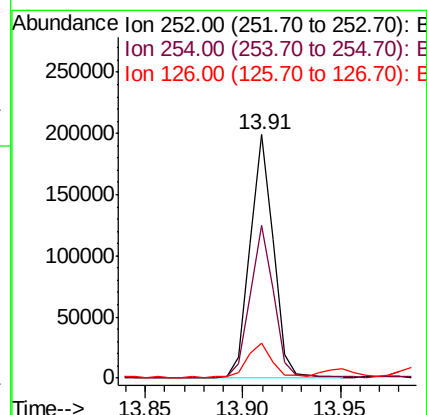
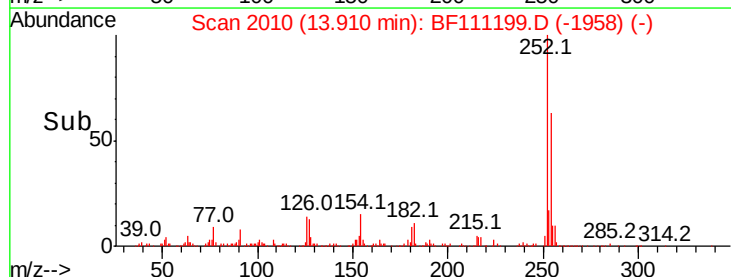
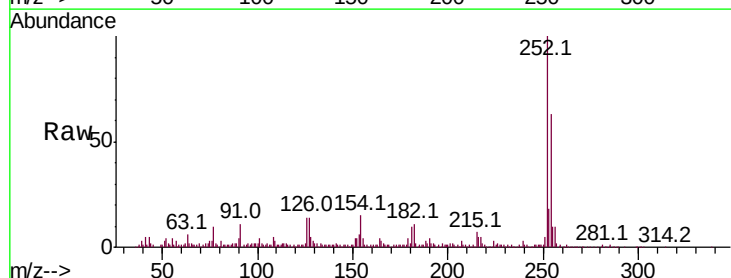
Tgt Ion:252 Resp: 163576

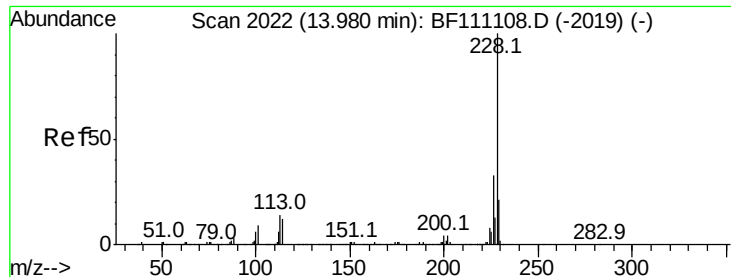
Ion Ratio Lower Upper

252 100

254 63.0 49.8 74.8

126 14.4 12.9 19.3





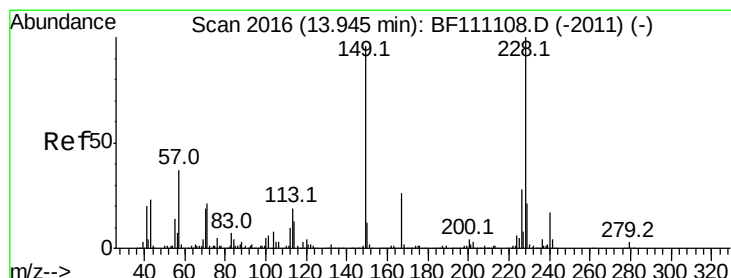
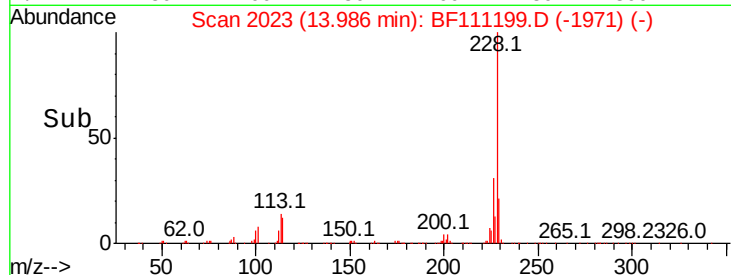
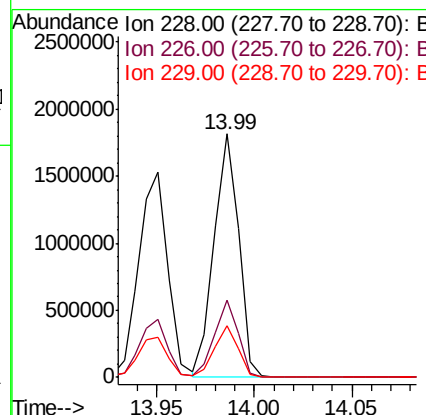
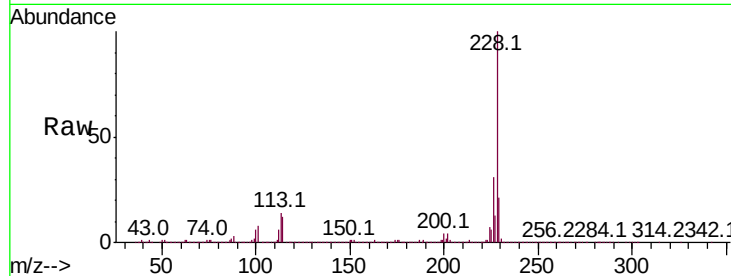
#83
 Chrysene
 Concen: 42.789 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.2
229	21.0	16.9	25.3

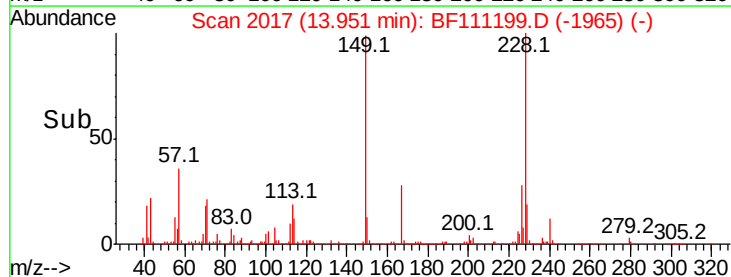
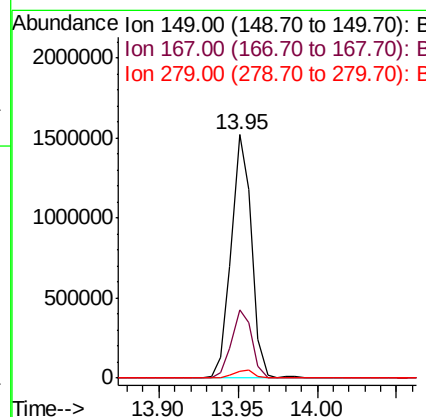
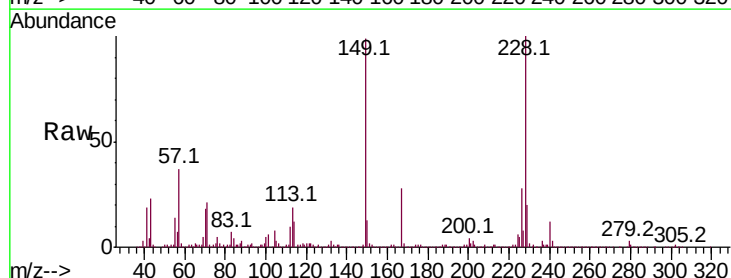
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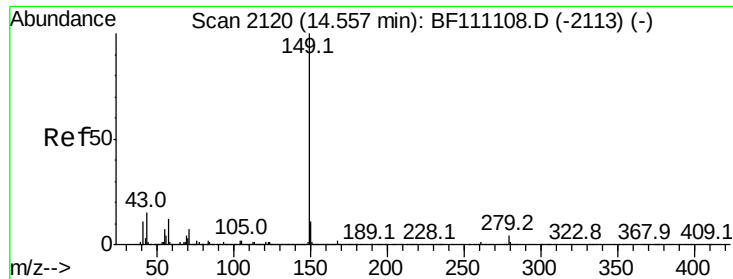
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.338 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111199.D
 Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.6	32.4
279	2.9	2.3	3.5





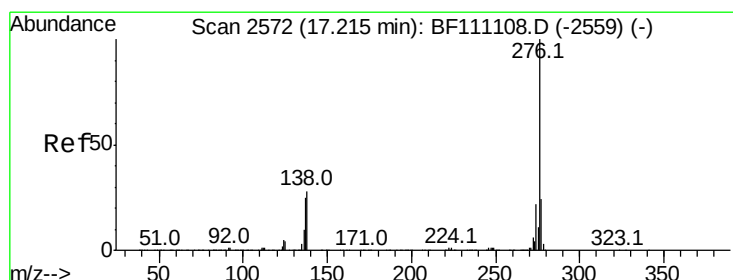
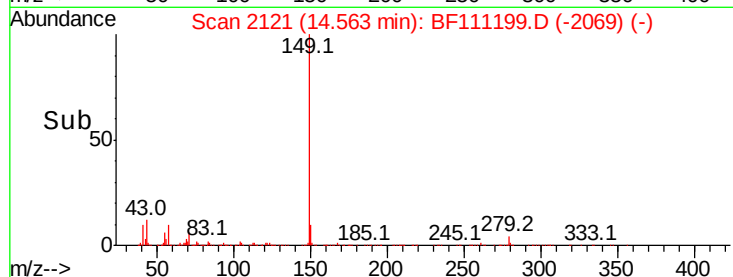
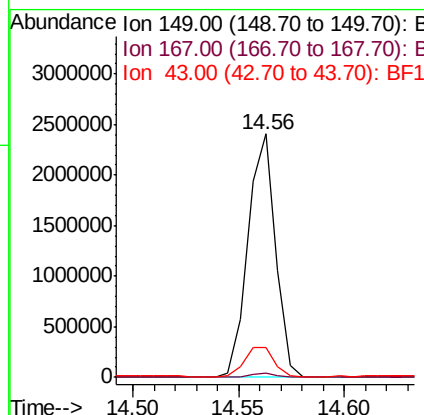
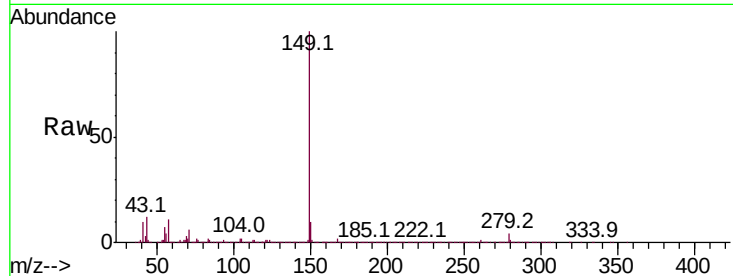
#85
Di-n-octyl phthalate
Concen: 47.558 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.7	11.9	17.9

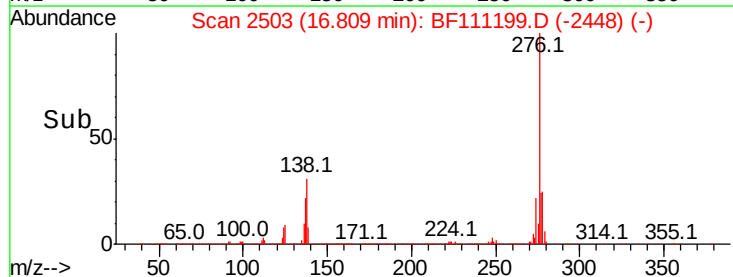
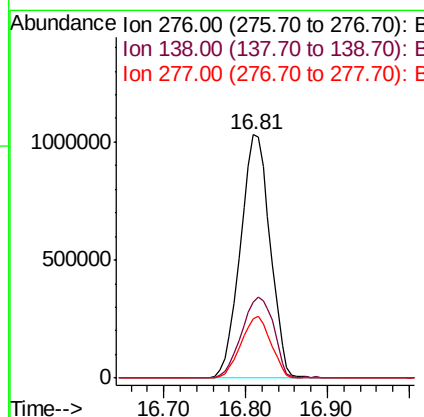
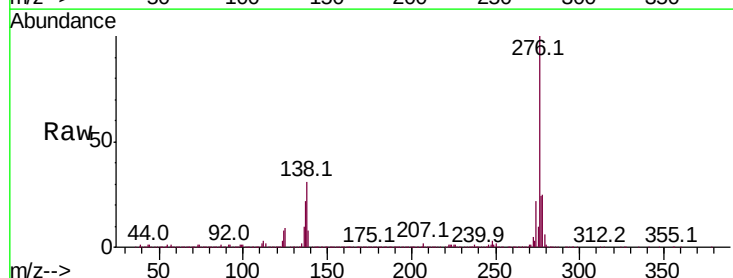
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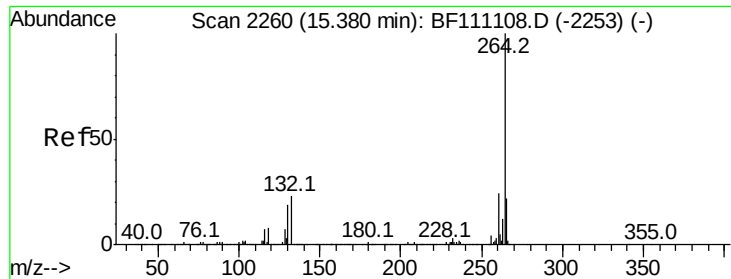
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#86
Indeno(1,2,3-cd)pyrene
Concen: 87.275 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.8	20.2	30.4#
277	25.8	15.8	23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111199.D

Acq: 7 Dec 2018 20:54

Instrument :

BNA_F

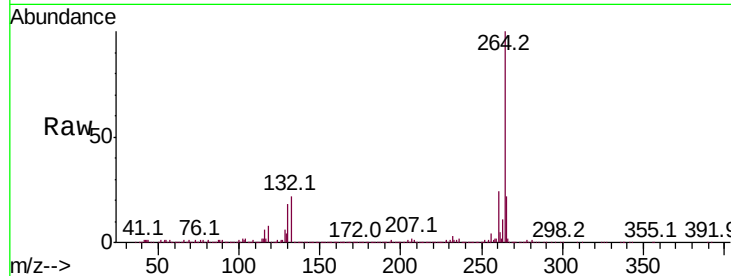
ClientSampleId :

SB-10(13-15)MS

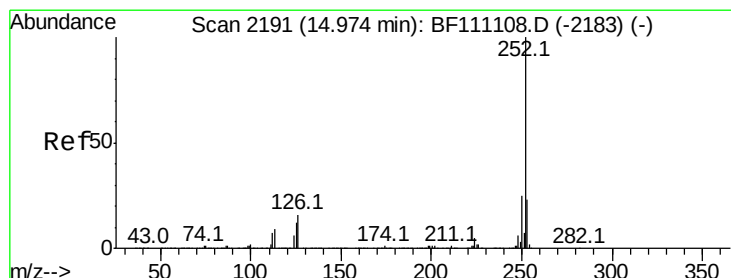
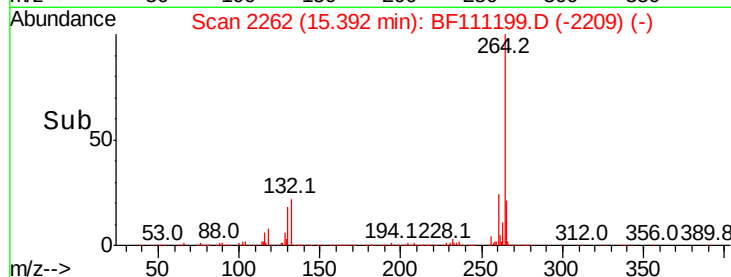
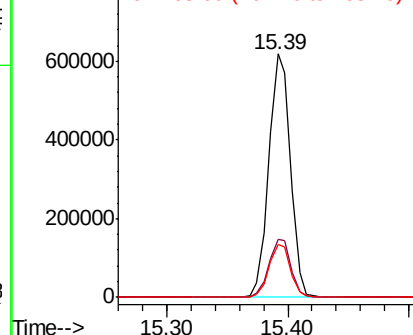
Tot Ion:	264	Resp:	763233
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	21.6	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.330 ng

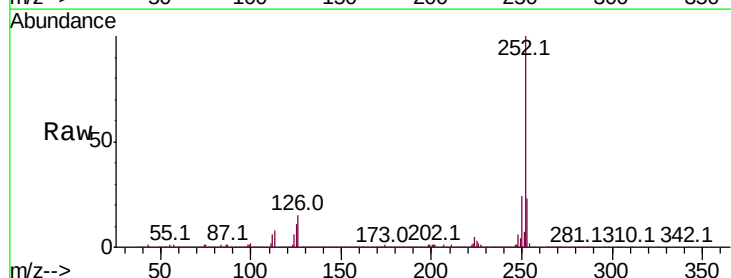
RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

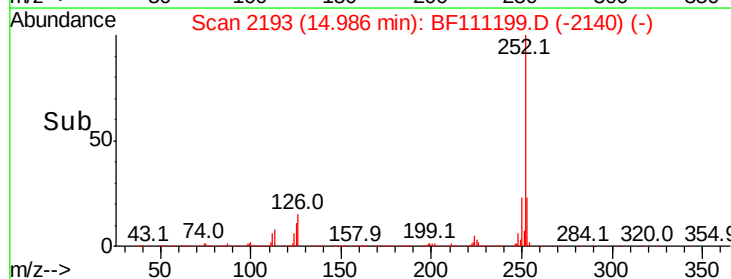
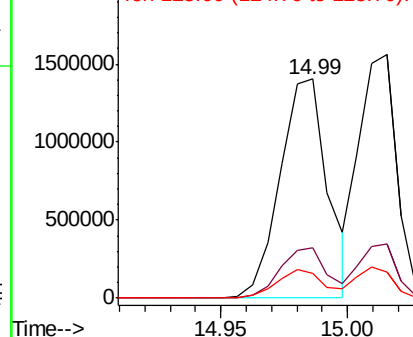
Lab File: BF111199.D

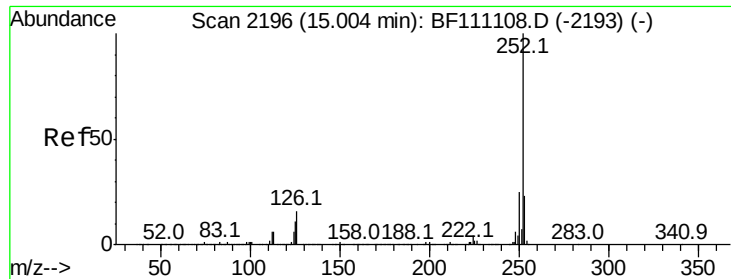
Acq: 7 Dec 2018 20:54

Tgt Ion:	252	Resp:	1830674
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.5	27.7
125	11.4	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





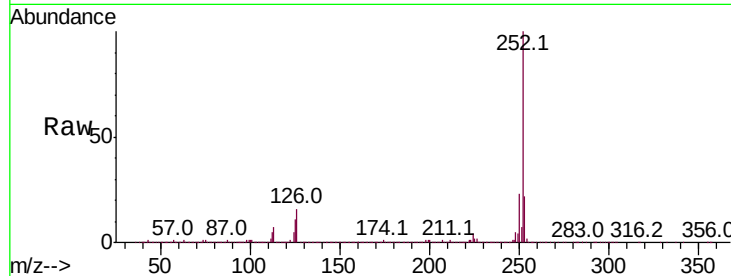
#89
Benzo(k)fluoranthene
Concen: 38.462 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

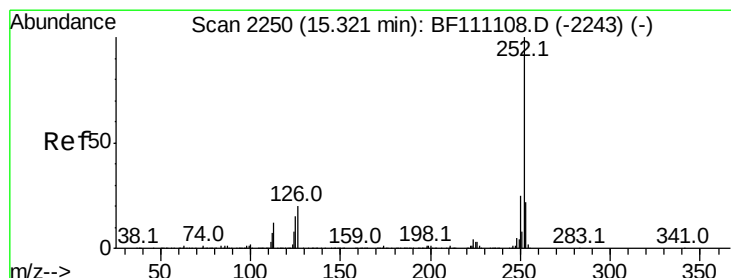
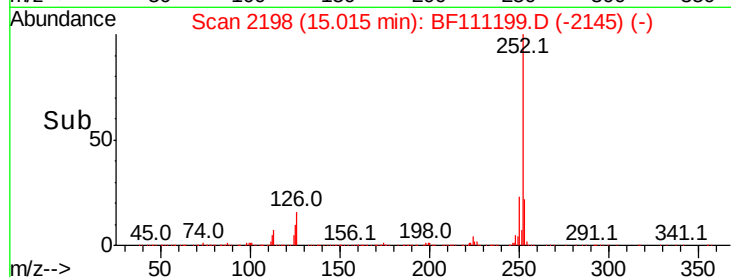
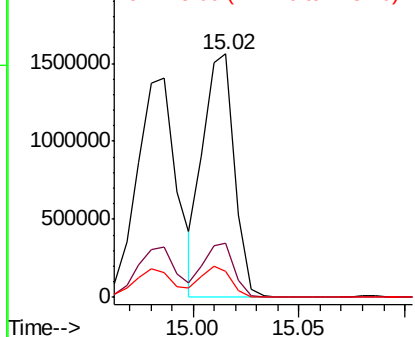
Tot Ion:252 Resp: 1608068
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.5 9.9 14.9

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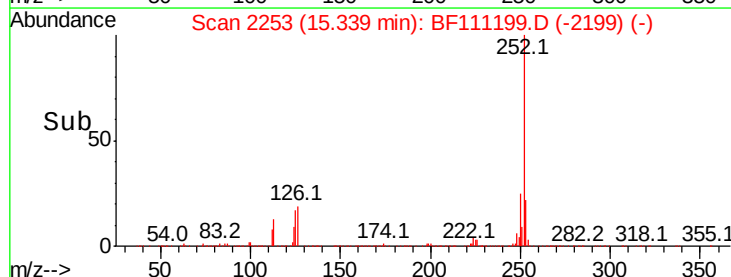
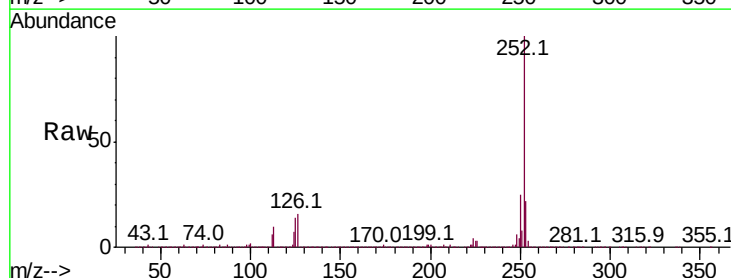
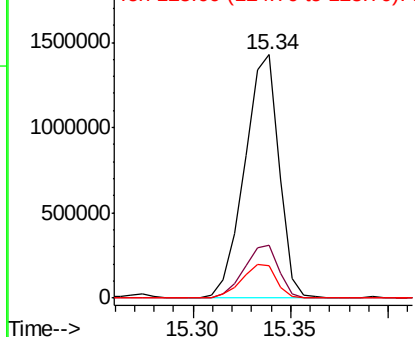
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

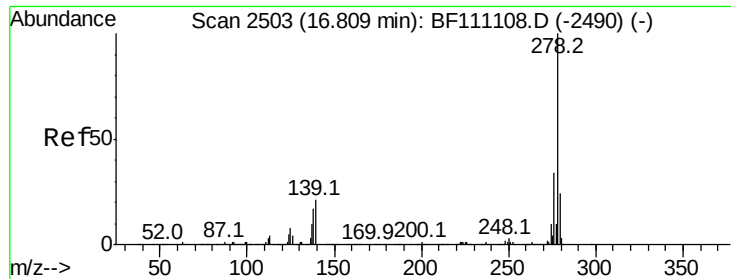


#90
Benzo(a)pyrene
Concen: 43.870 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:252 Resp: 1740297
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.5 12.4 18.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





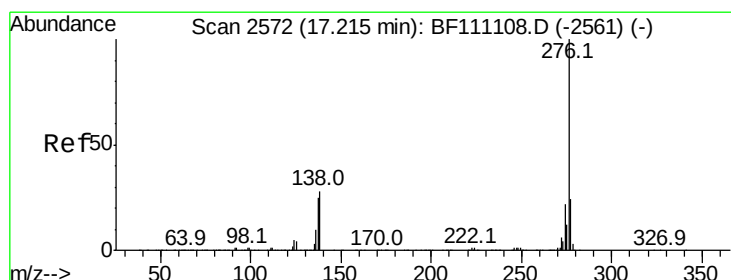
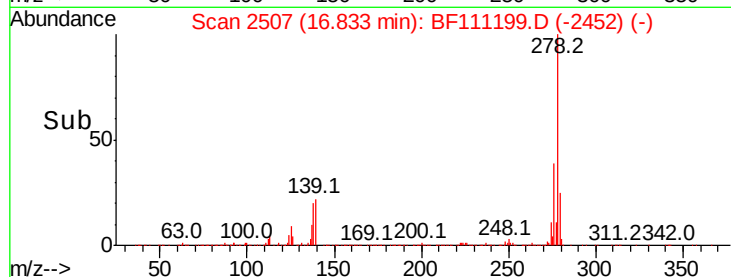
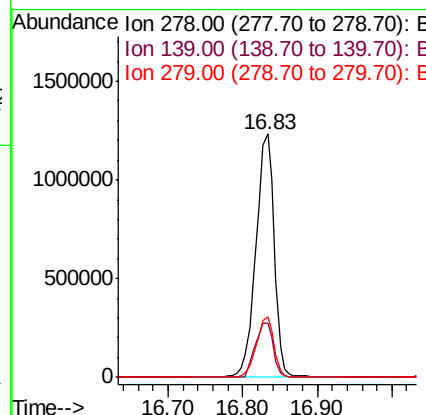
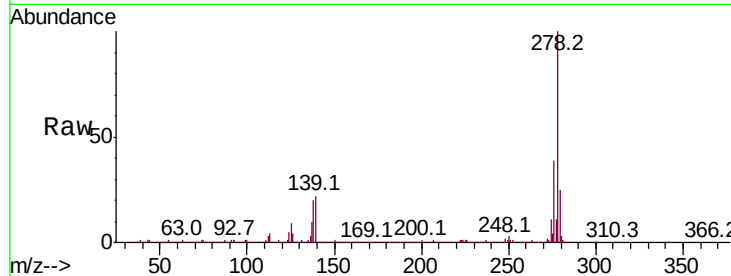
#91
Dibenzo(a,h)anthracene
Concen: 63.647 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Tot Ion:278 Resp: 2118781
Ion Ratio Lower Upper
278 100
139 22.1 16.6 25.0
279 24.7 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 61.803 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF111199.D
Acq: 7 Dec 2018 20:54

Tgt Ion:276 Resp: 2067497
Ion Ratio Lower Upper
276 100
277 23.2 19.3 28.9
138 30.3 22.3 33.5

