

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120212.D
 Acq On : 27 Apr 2020 12:12
 Operator : MA/SJ
 Sample : PB128485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BL

Quant Time: Apr 27 12:42:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	126646	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	481296	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	247309	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	488028	20.00	ng	0.00
76) Chrysene-d12	13.83	240	416911	20.00	ng	-0.01
87) Perylene-d12	15.23	264	402216	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1130000	154.20	ng	0.00
7) Phenol-d6	6.32	99	1421843	150.57	ng	0.00
23) Nitrobenzene-d5	7.23	82	903793	97.15	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	390424	128.94	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1725036	99.03	ng	0.00
79) Terphenyl-d14	12.78	244	2039380	82.31	ng	0.00

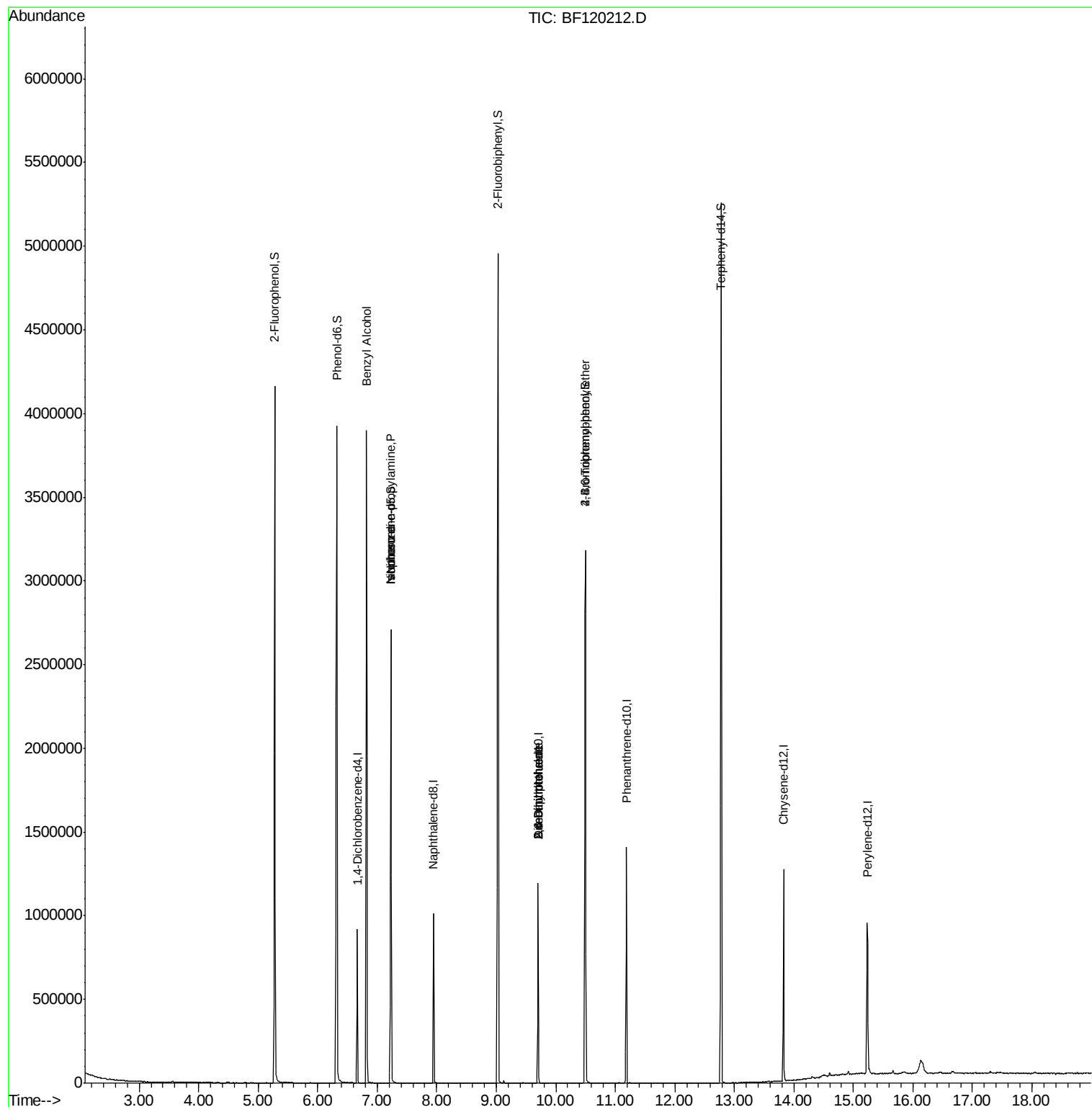
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1782	Below Cal	#	1
15) Benzyl Alcohol	6.82	79	14836	2.023	ng	47
19) n-Nitroso-di-n-propylamine	7.23	70	116230	19.141	ng	79
25) Isophorone	7.23	82	898254	50.086	ng	65
50) Dimethylphthalate	9.70	163	56537	2.956	ng	1
51) 2,6-Dinitrotoluene	9.70	165	31173	7.442	ng	26
57) 2,4-Dinitrotoluene	9.70	165	31173	5.648	ng	20
67) 4-Bromophenyl-phenylether	10.50	248	24495	4.036	ng	1

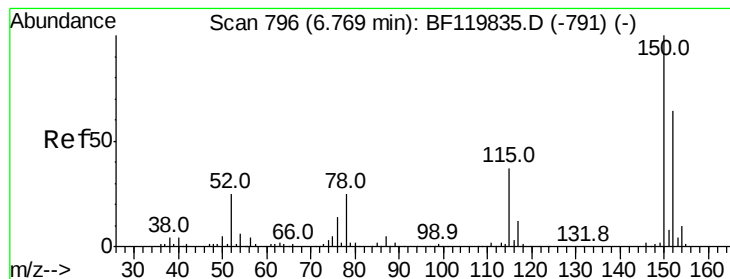
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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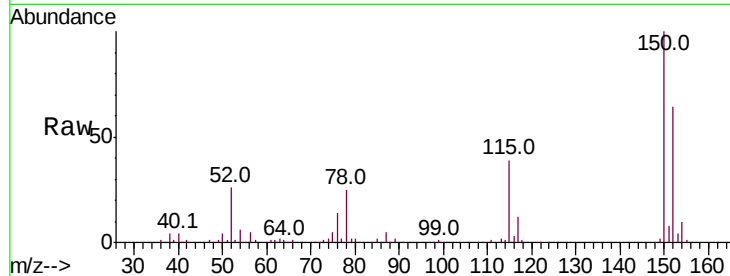


#1

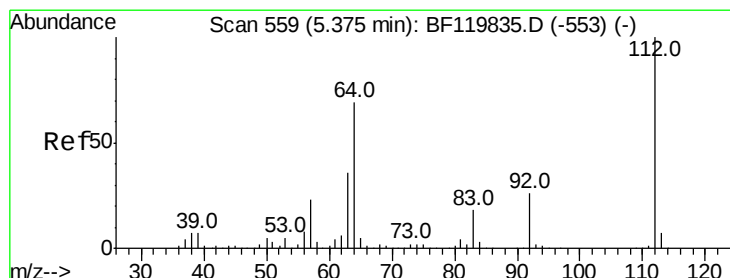
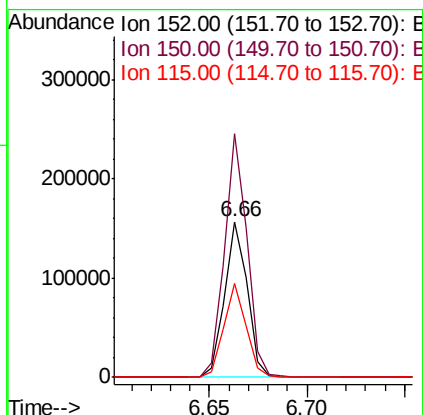
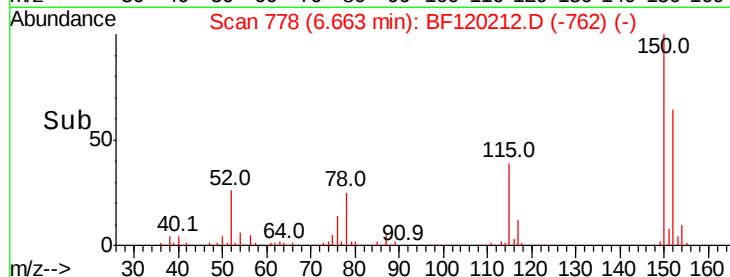
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB128485BL

Tot Ion:152 Resp: 126646
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 60.3 49.6 74.4



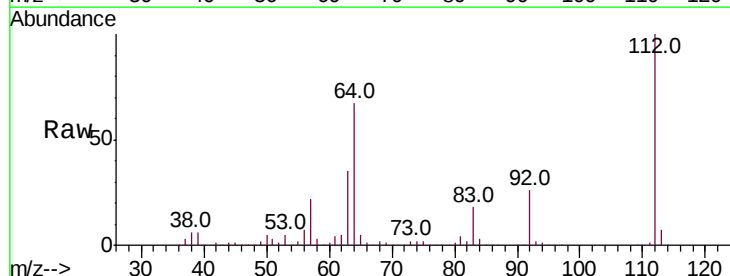
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



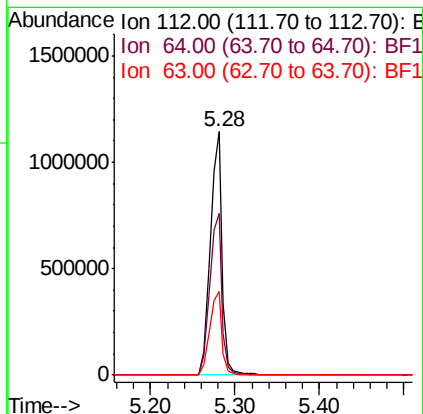
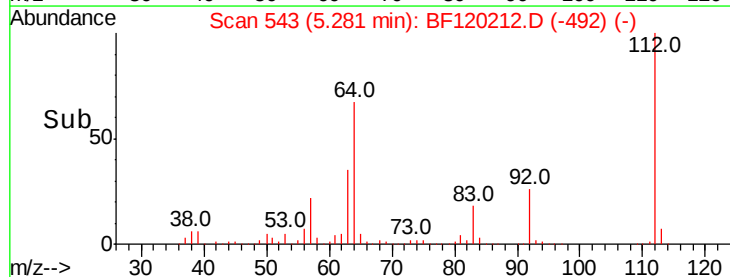
#5

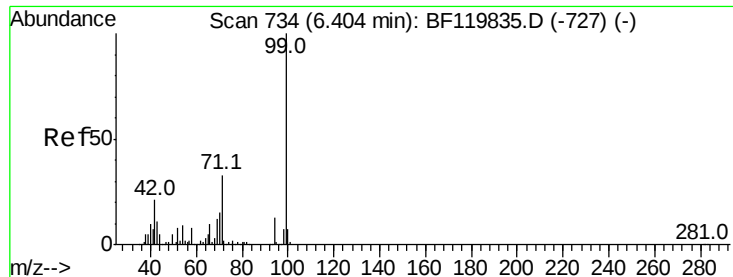
2-Fluorophenol
Concen: 154.197 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Tgt Ion:112 Resp: 1130000
Ion Ratio Lower Upper
112 100
64 66.6 56.7 85.1
63 34.6 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 150.574 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

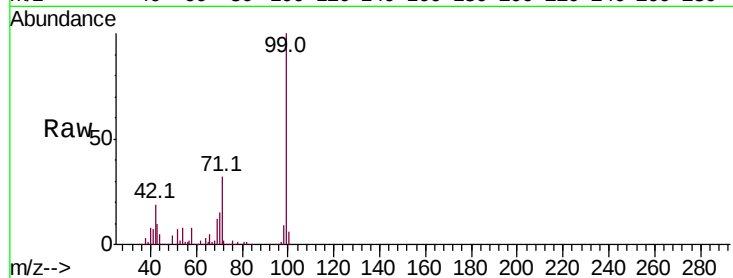
Tot Ion: 99 Resp: 1421843

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

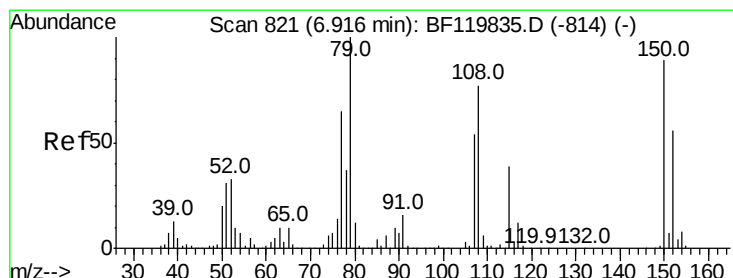
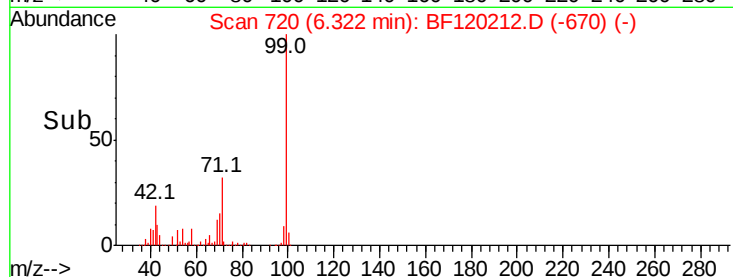
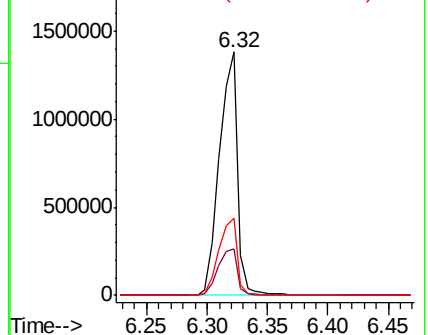
71 31.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

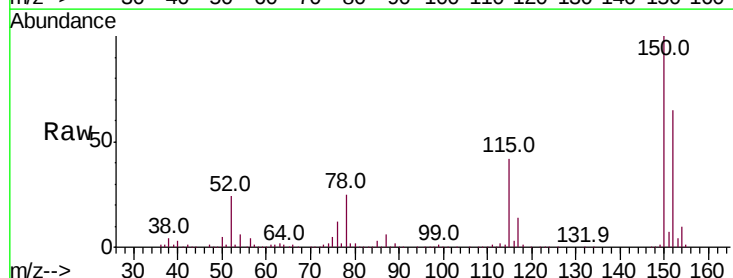
Tgt Ion: 79 Resp: 14836

Ion Ratio Lower Upper

79 100

108 26.1 60.6 90.8#

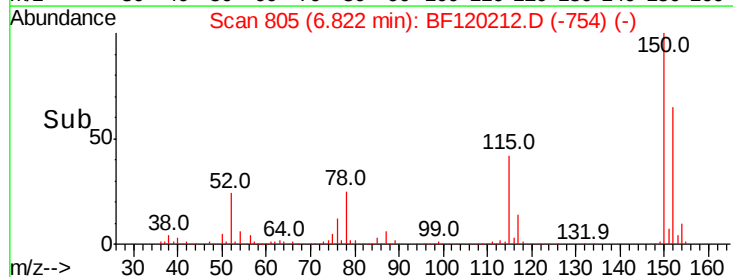
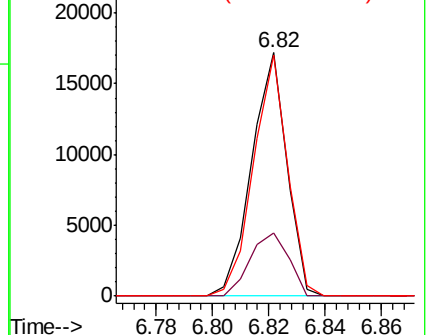
77 98.8 50.2 75.2#

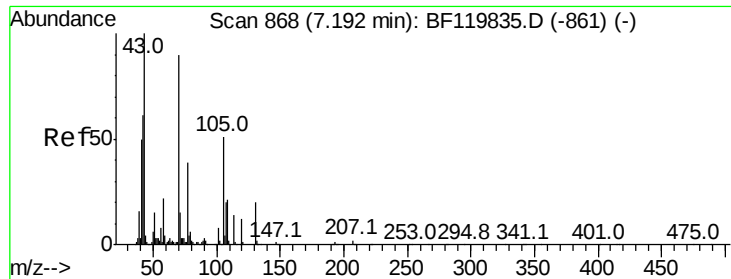


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

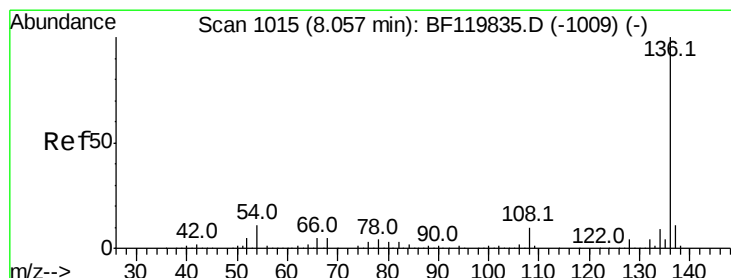
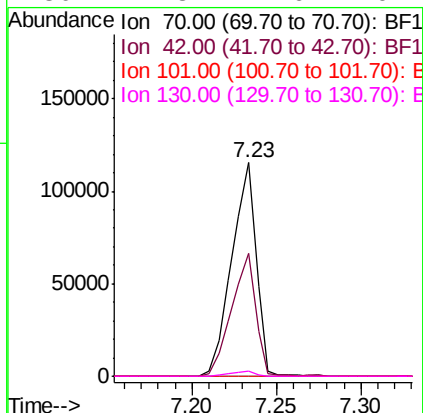
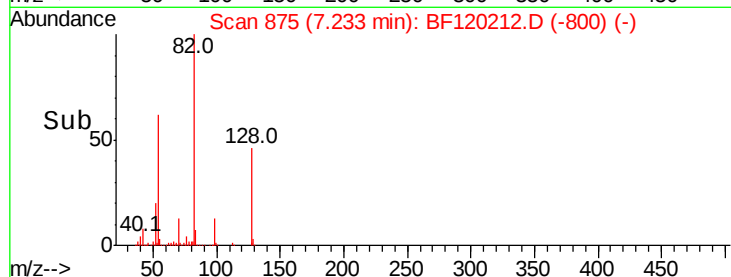
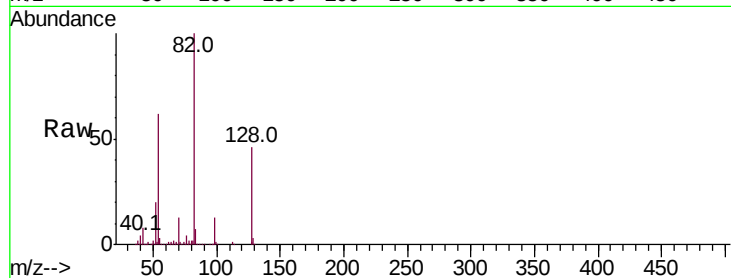




#19
n-Nitroso-di-n-propylamine
Concen: 19.141 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

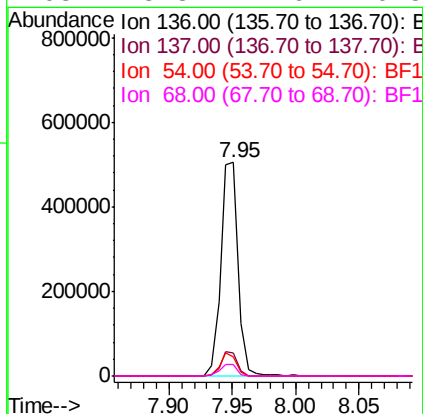
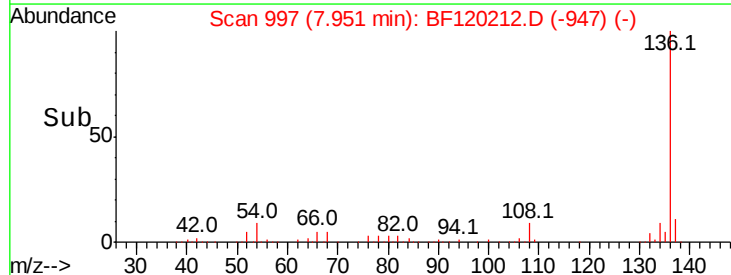
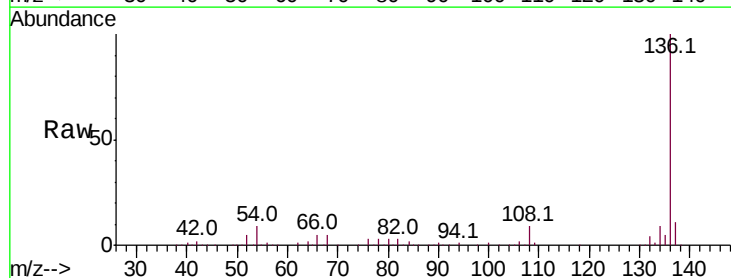
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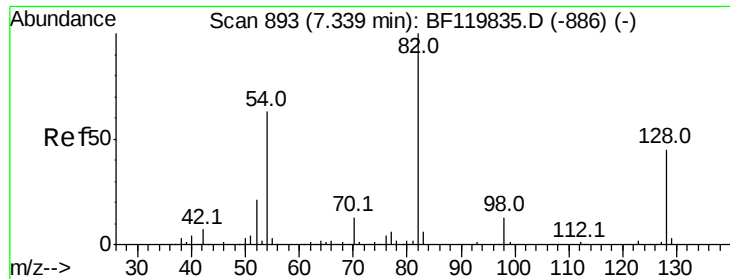
Tot Ion:	70	Resp:	116230
Ion	Ratio	Lower	Upper
70	100		
42	57.4	54.5	81.7
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Tgt Ion:	136	Resp:	481296
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.1	9.1	13.7#
68	5.3	4.6	6.8

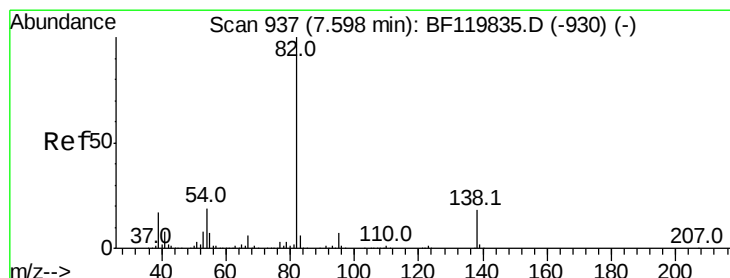
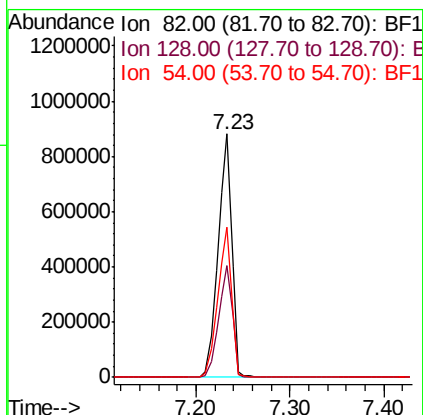
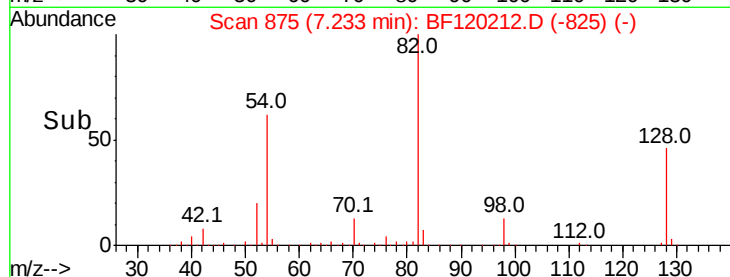
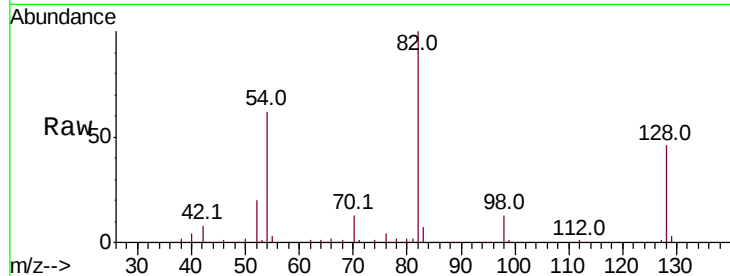




#23
 Nitrobenzene-d5
 Concen: 97.147 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

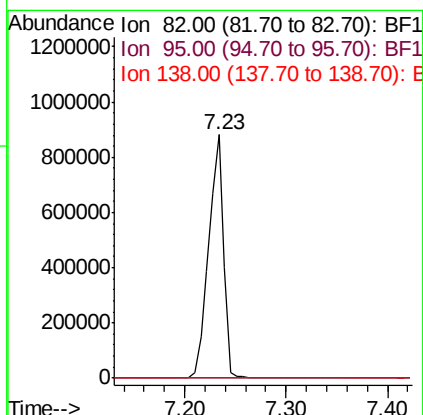
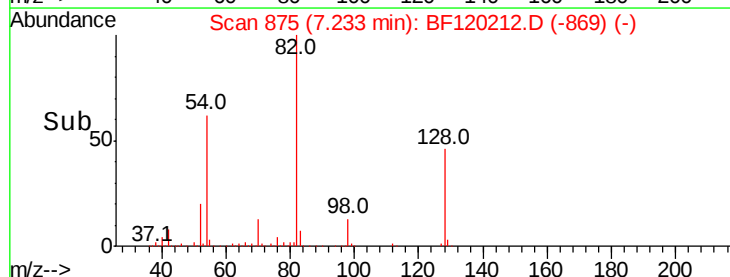
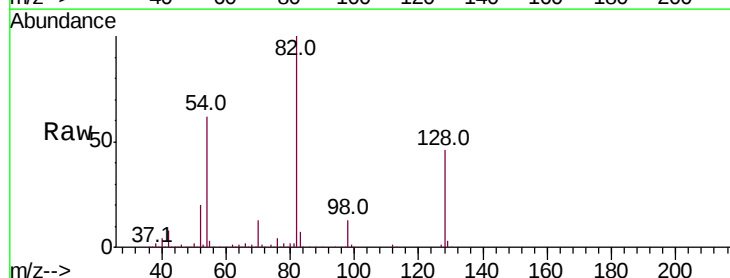
Instrument :
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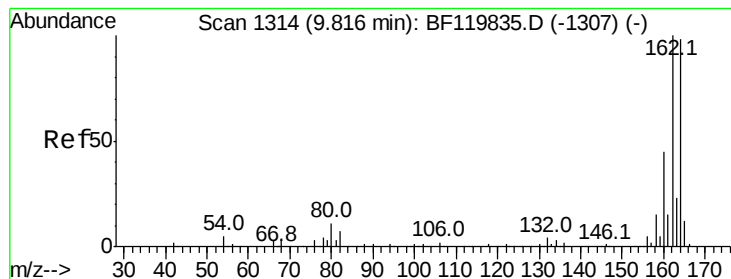
Tot Ion	82	Resp	903793
Ion Ratio	100	Lower	Upper
128	46.0	36.3	54.5
54	61.5	50.6	75.8



#25
 Isophorone
 Concen: 50.086 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.26 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

Tgt Ion	82	Resp	898254
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

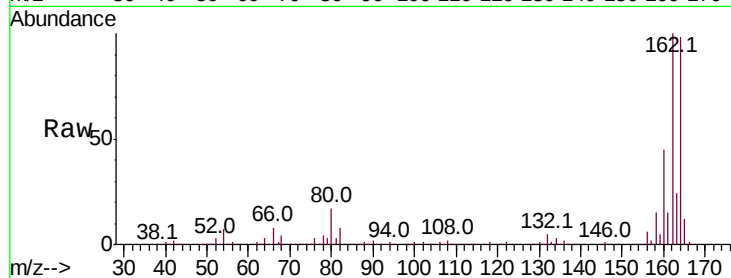
Tot Ion:164 Resp: 247309

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

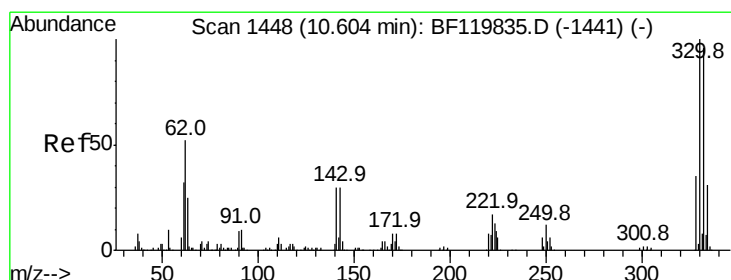
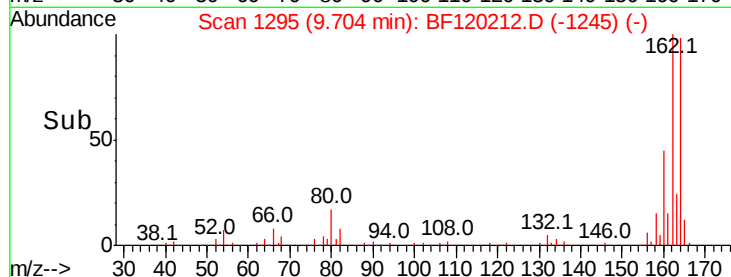
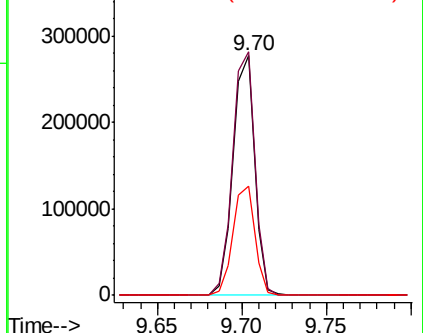
160 45.6 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 128.942 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

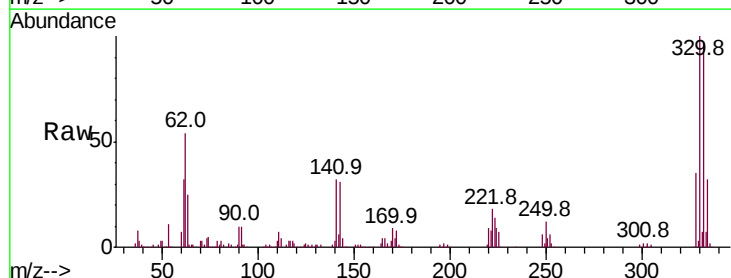
Tgt Ion:330 Resp: 390424

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

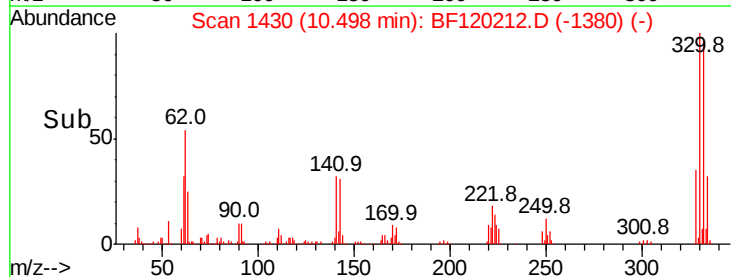
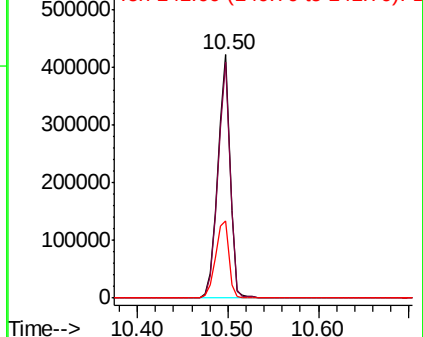
141 34.8 25.4 38.0

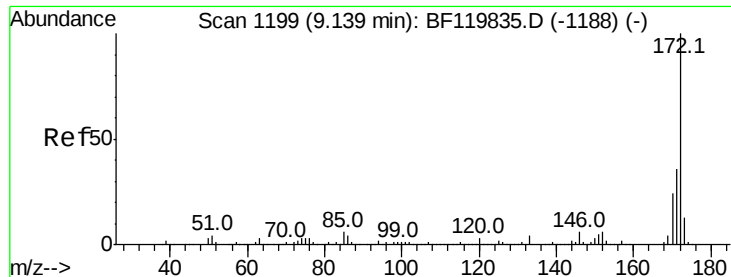


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



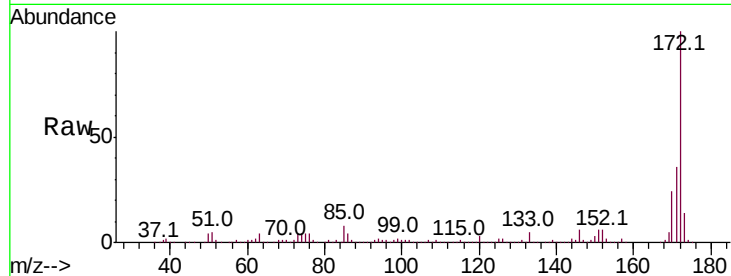


#45
 2-Fluorobiphenyl
 Concen: 99.033 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

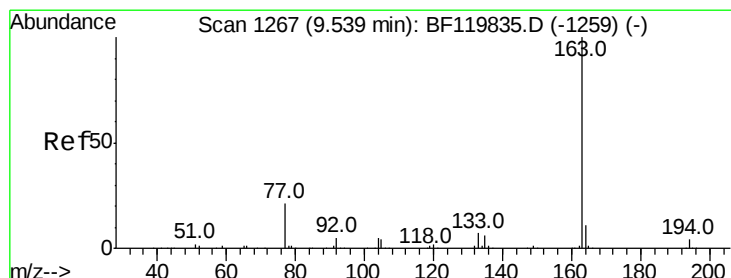
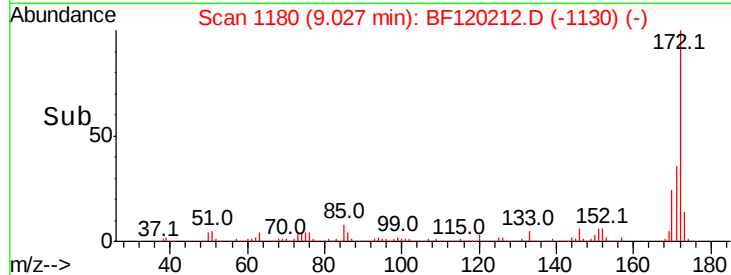
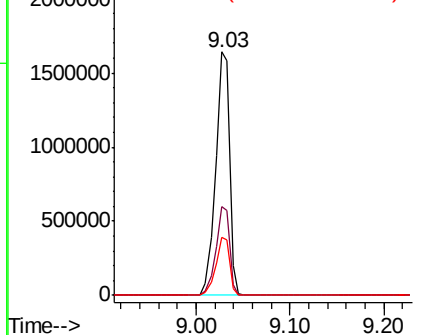
Instrument :
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Tot Ion:172 Resp: 1725036

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	20.2	30.2



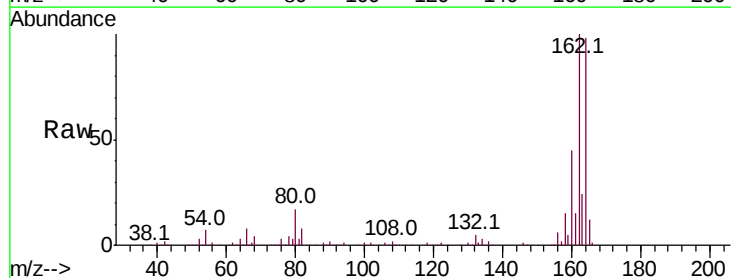
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



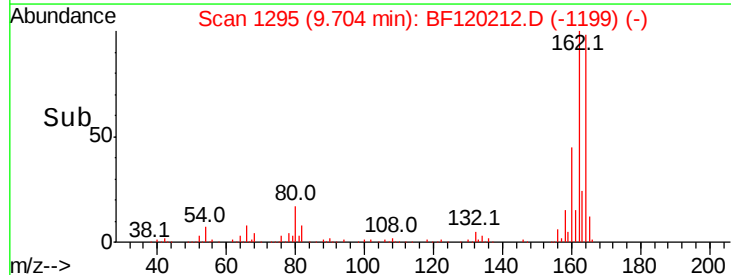
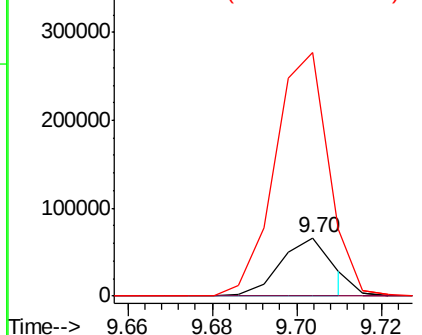
#50
 Dimethylphthalate
 Concen: 2.956 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.26 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

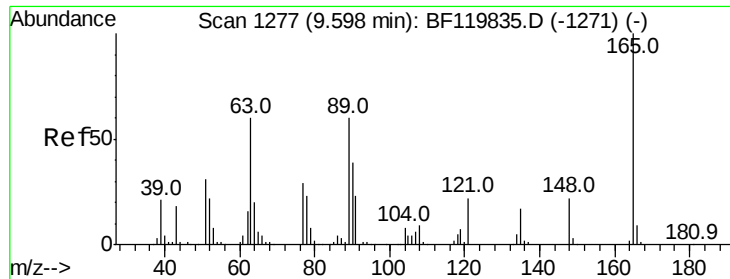
Tgt Ion:163 Resp: 56537

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	416.0	8.2	12.2#



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

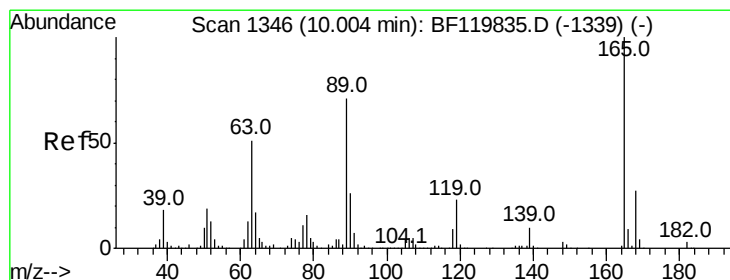
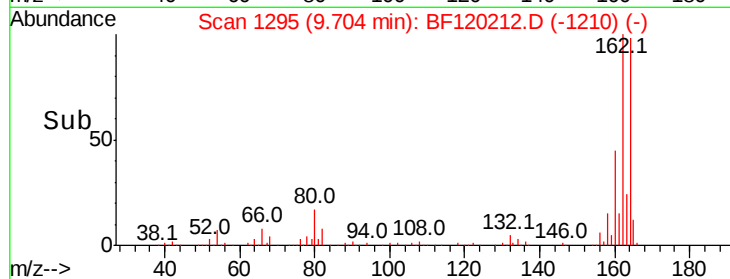
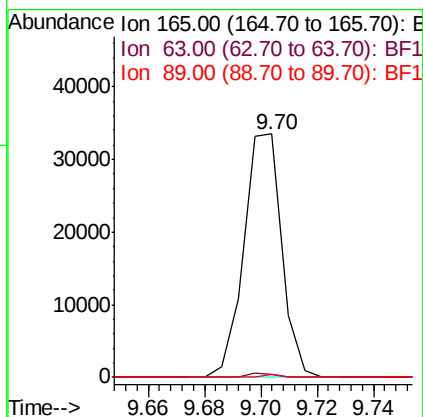
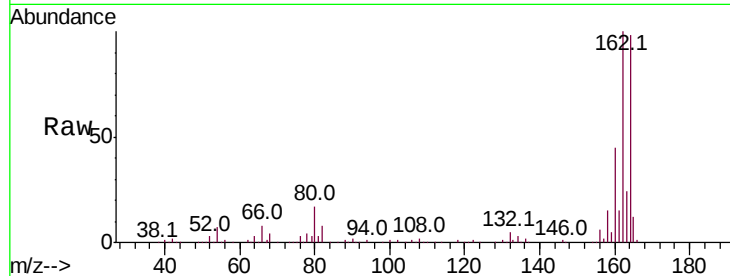




#51
 2,6-Dinitrotoluene
 Concen: 7.442 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.20 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

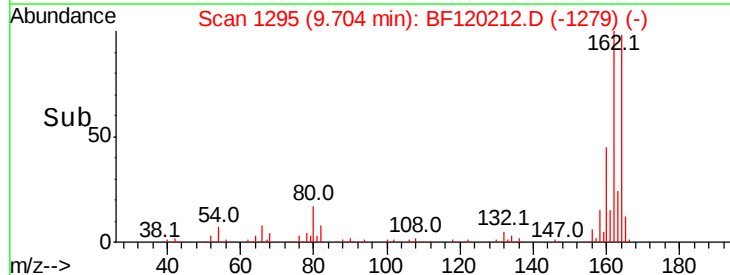
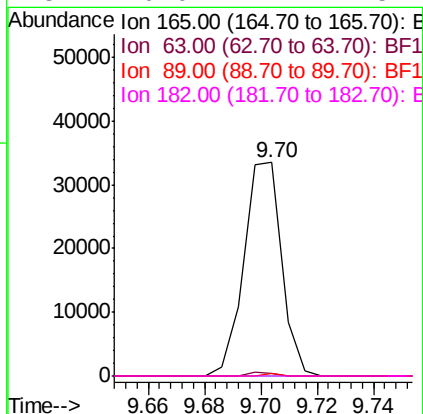
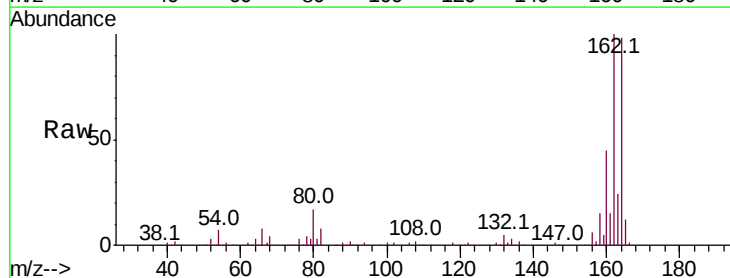
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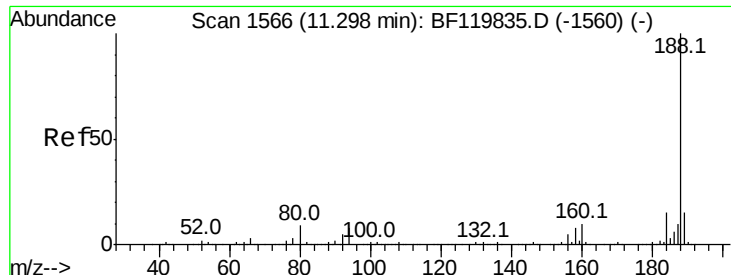
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.2	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.648 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.21 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

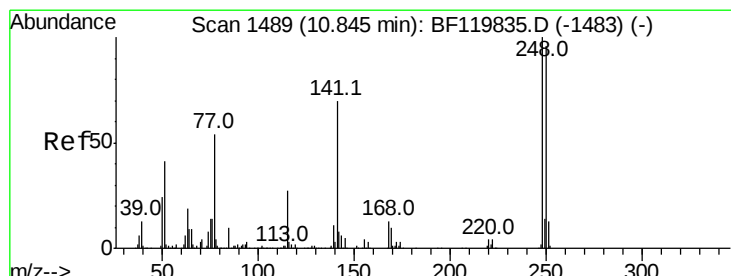
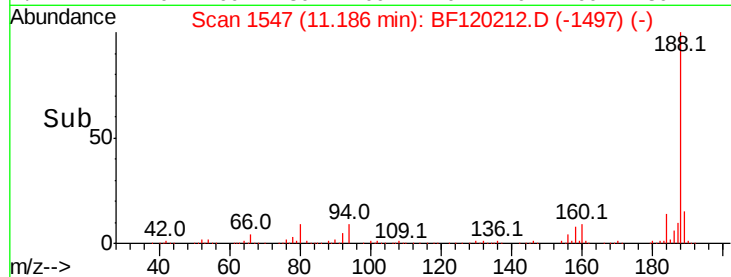
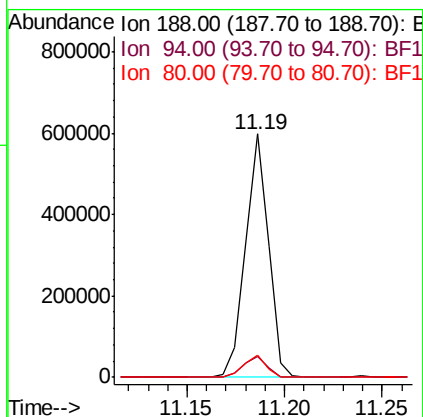
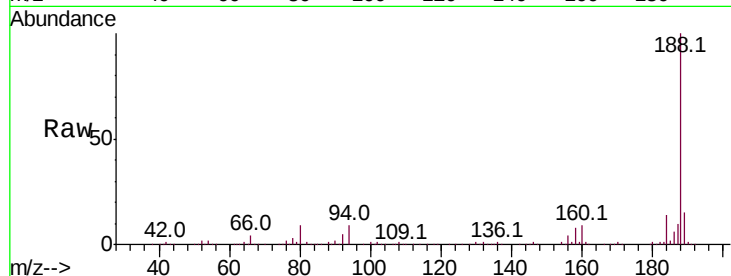




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

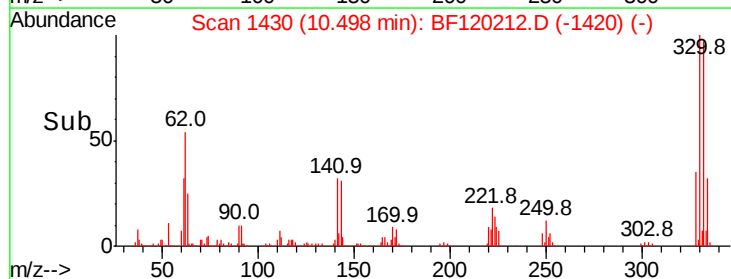
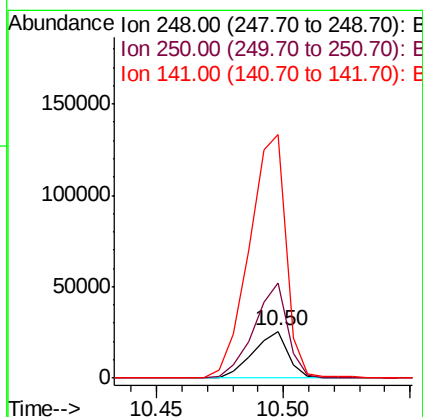
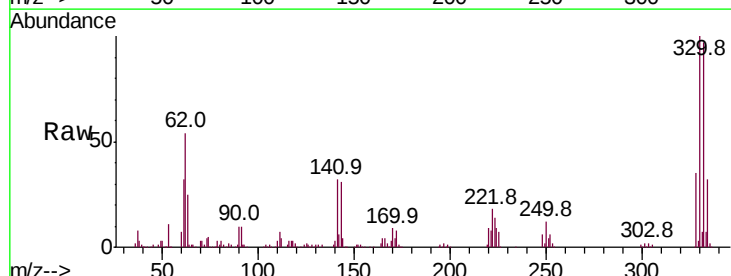
Instrument :
 BNA_F
 ClientSampleId :
 PB128485BL

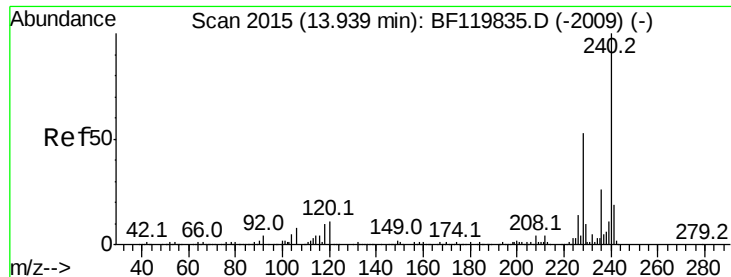
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.3	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.036 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.24 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.5	77.3	115.9#
141	521.1	58.6	87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

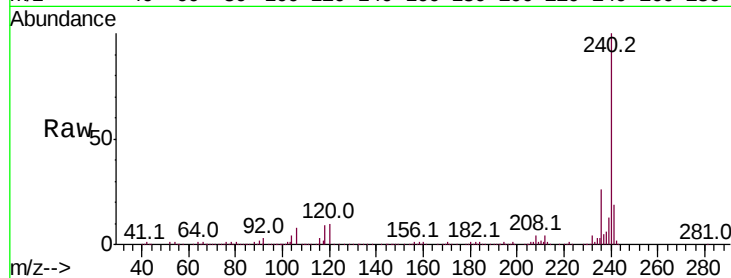
Tot Ion:240 Resp: 416911

Ion Ratio Lower Upper

240 100

120 9.6 10.6 15.8#

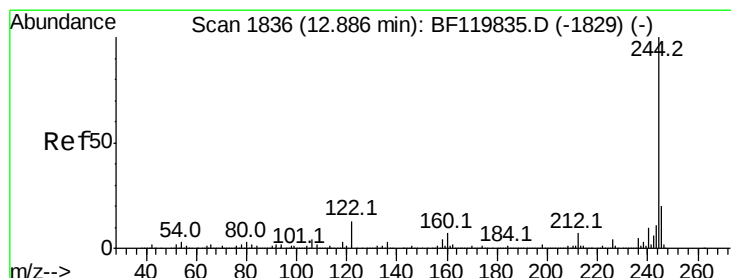
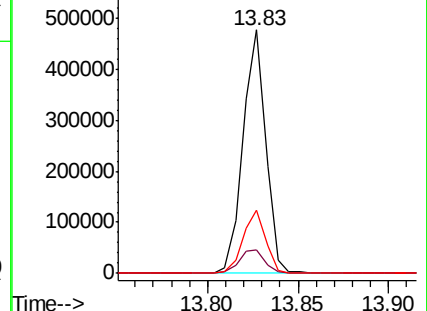
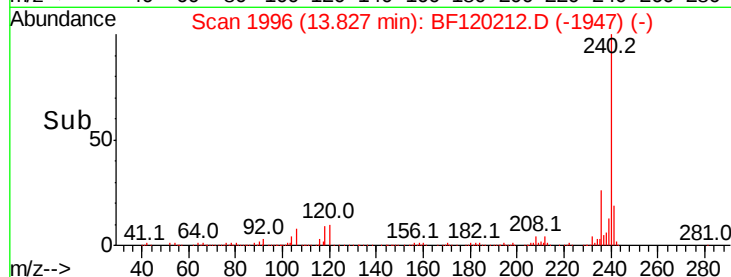
236 25.7 20.2 30.2



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



#79

Terphenyl-d14

Concen: 82.309 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

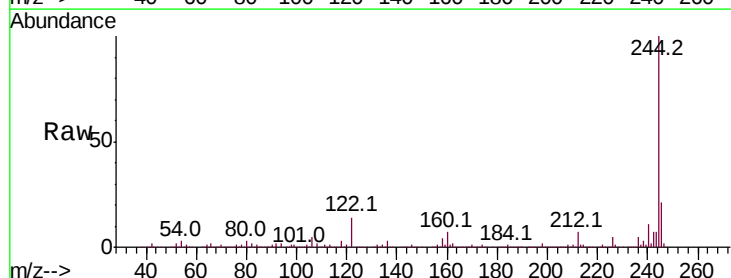
Tgt Ion:244 Resp: 2039380

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

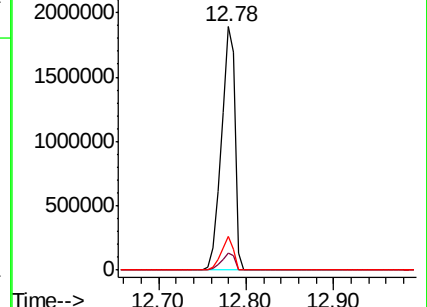
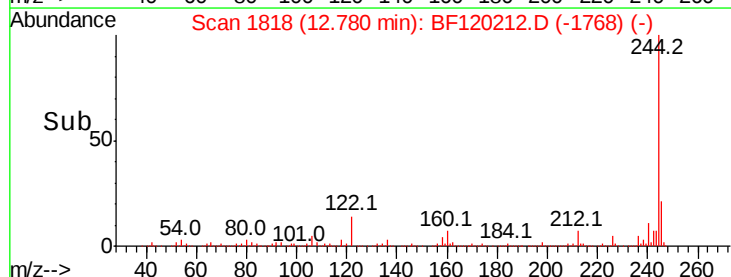
122 13.9 10.3 15.5

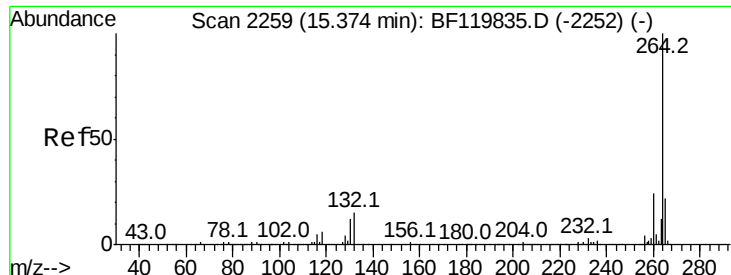


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

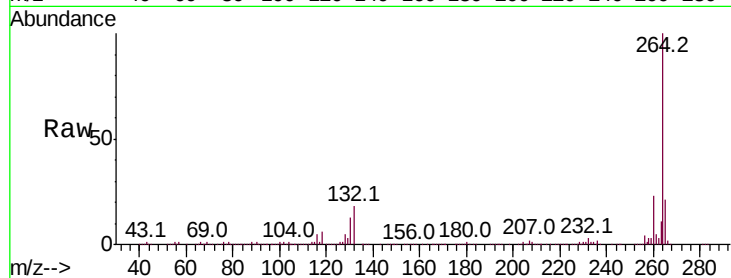




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB128485BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.5	17.7	26.5



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

