

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120185.D
 Acq On : 24 Apr 2020 3:17
 Operator : MA/SJ
 Sample : L2351-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Quant Time: Apr 24 04:18:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

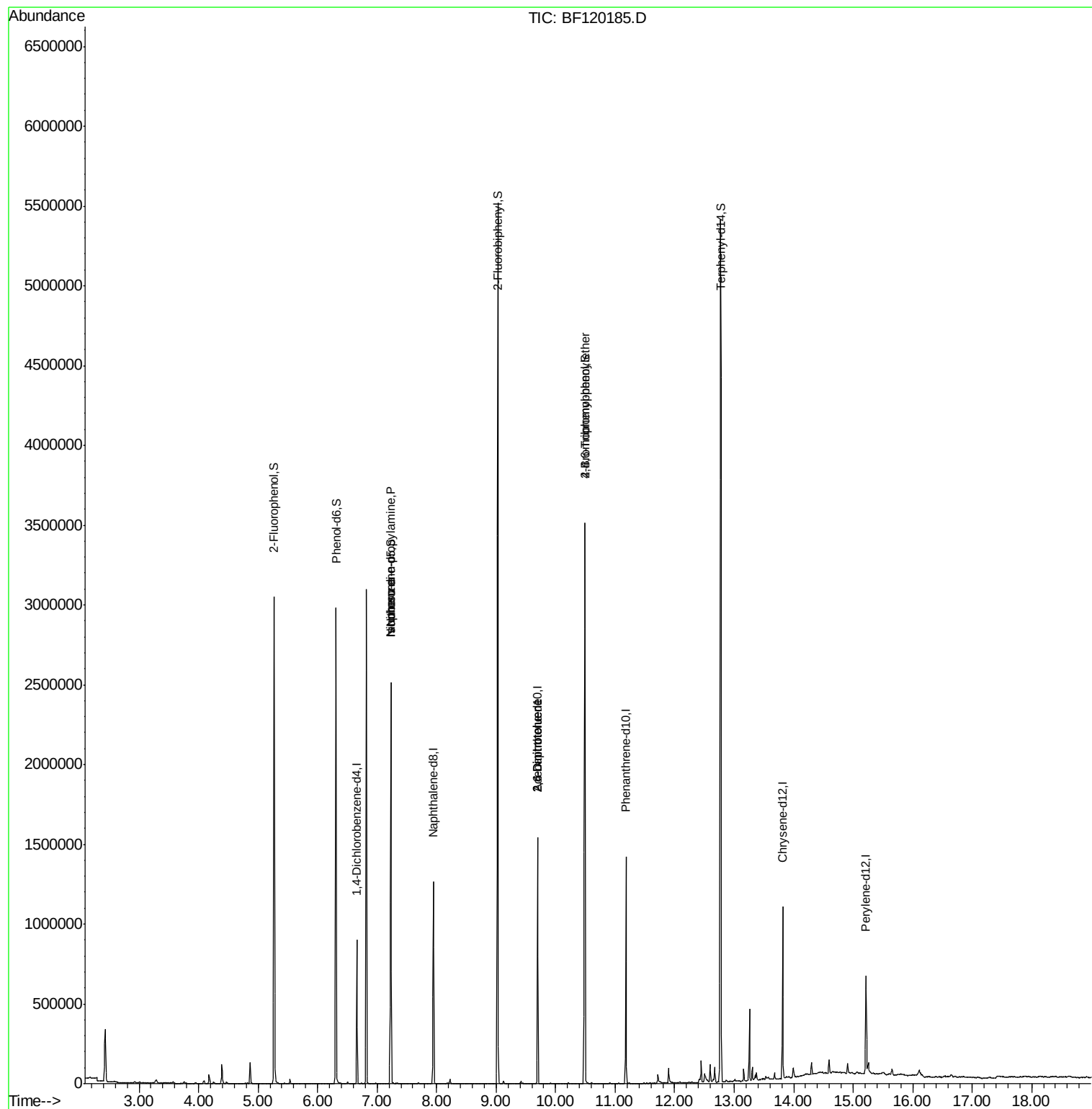
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	124562	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	513367	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	272956	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	483501	20.00	ng	0.00
76) Chrysene-d12	13.82	240	347069	20.00	ng	-0.01
87) Perylene-d12	15.22	264	264636	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	858344	119.09	ng	0.01
7) Phenol-d6	6.31	99	1017797	109.59	ng	0.00
23) Nitrobenzene-d5	7.23	82	796604	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	422573	126.45	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1792347	93.23	ng	0.00
79) Terphenyl-d14	12.77	244	2189952	106.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	1574	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.23	70	104687	17.529	ng	# 78
25) Isophorone	7.23	82	793572	41.485	ng	# 65
51) 2,6-Dinitrotoluene	9.70	165	35422	7.662	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	35422	5.815	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	25777	4.287	ng	# 1

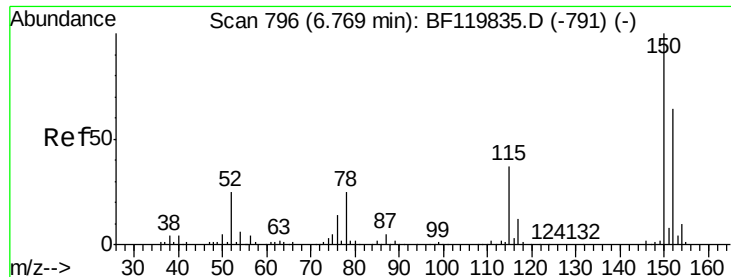
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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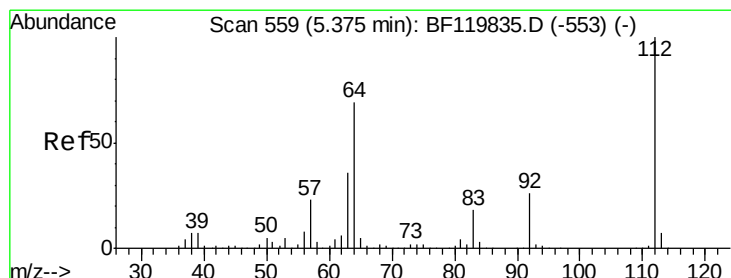
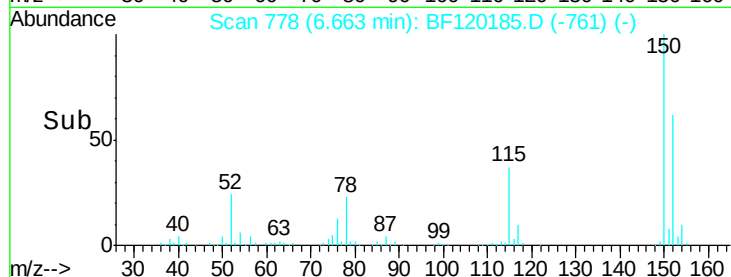
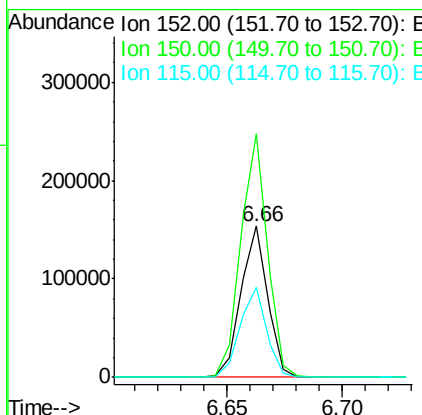
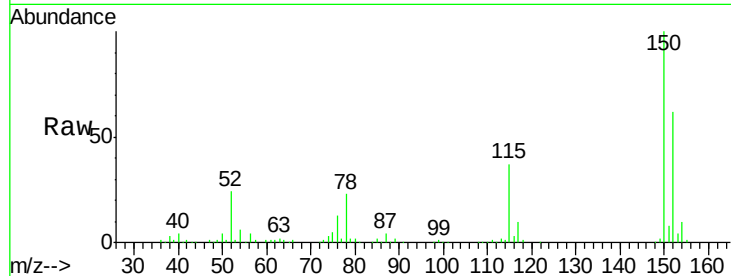


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120185.D
Acq: 24 Apr 2020 3:17

Instrument :
BNA_F
ClientSampleId :
TP-21A

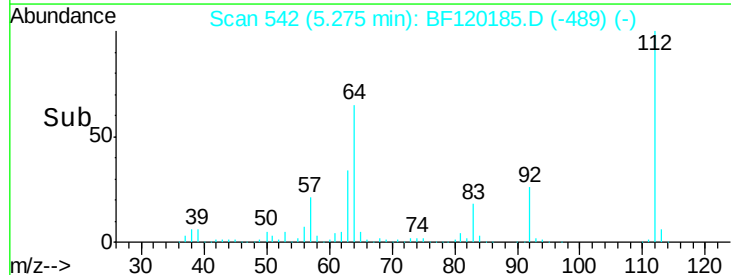
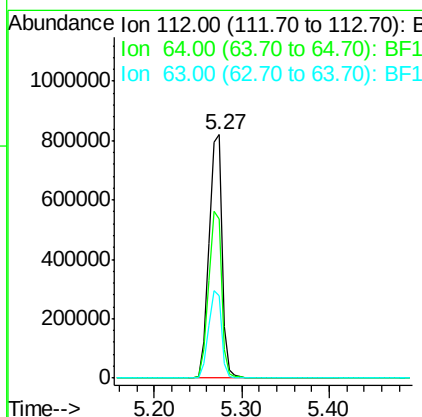
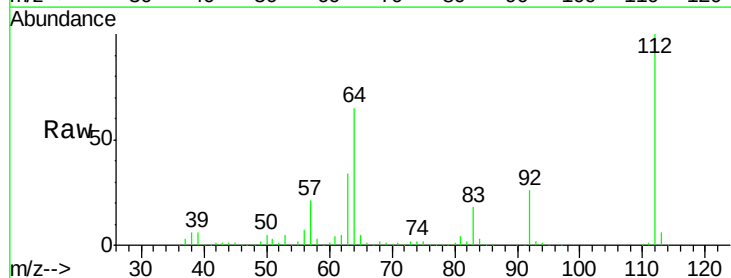
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.5	186.7
115	59.6	49.6	74.4

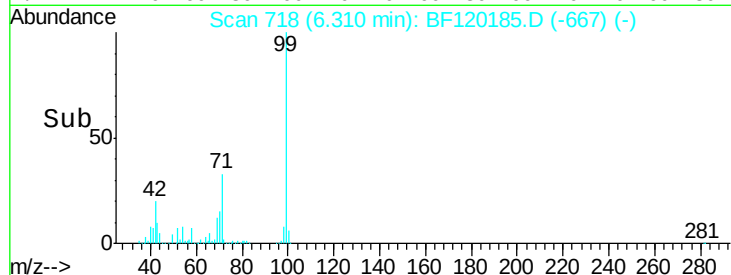
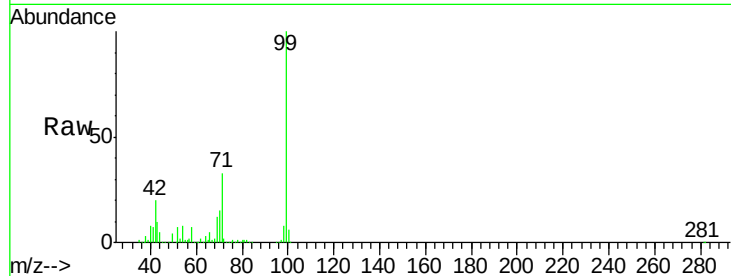
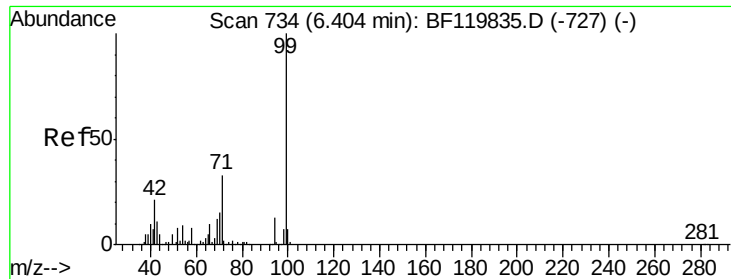


#5

2-Fluorophenol
Concen: 119.087 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF120185.D
Acq: 24 Apr 2020 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.7	85.1
63	33.8	29.5	44.3





#7

Phenol-d6

Concen: 109.588 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

Instrument :

BNA_F

ClientSampleId :

TP-21A

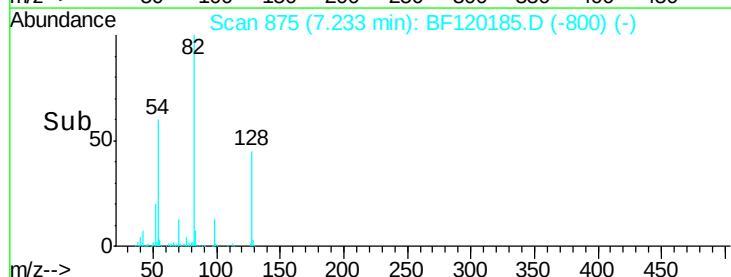
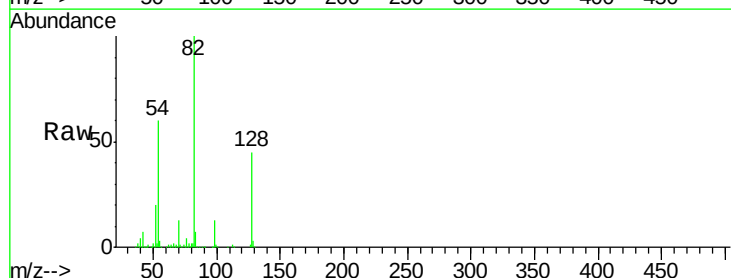
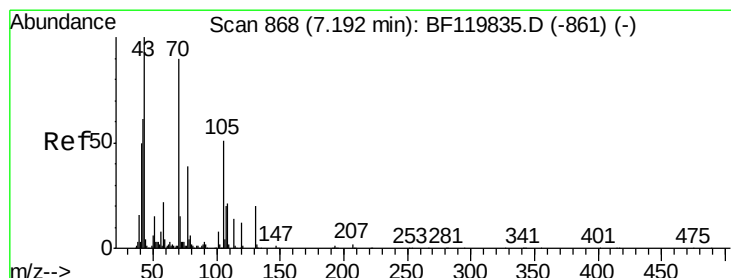
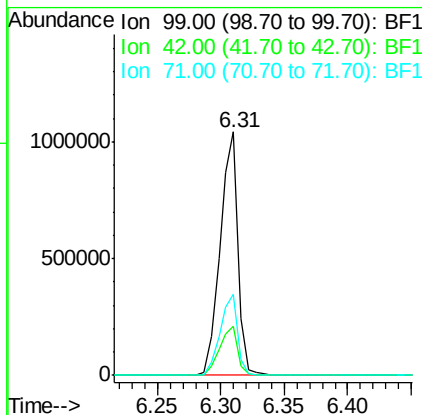
Tot Ion: 99 Resp: 1017797

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.529 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

Tgt Ion: 70 Resp: 104687

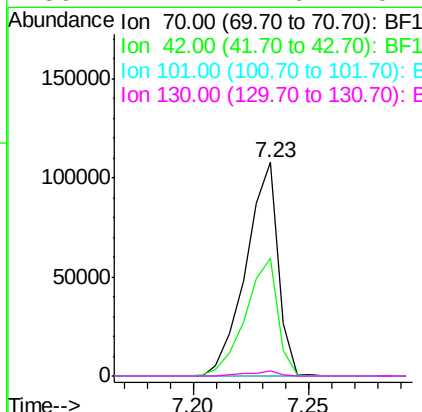
Ion Ratio Lower Upper

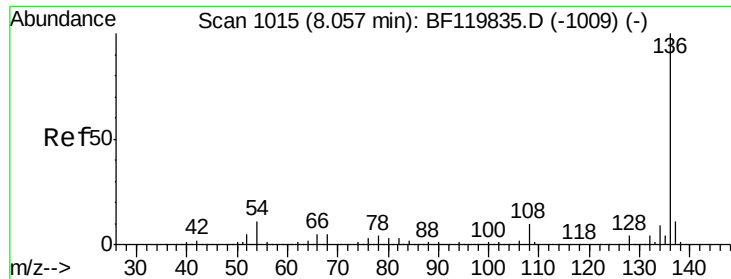
70 100

42 55.3 54.5 81.7

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

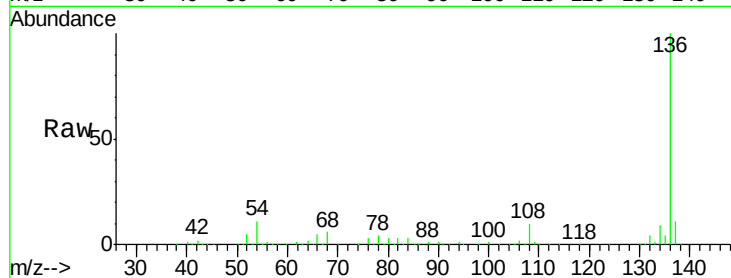




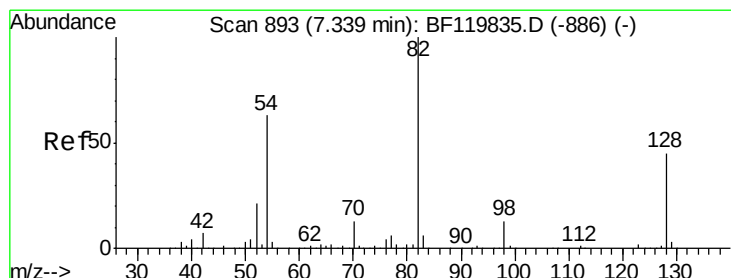
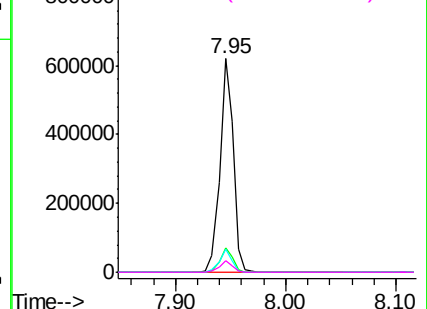
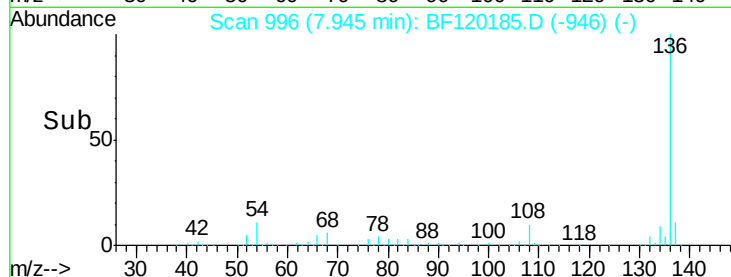
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120185.D
Acq: 24 Apr 2020 3:17

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion:136	Resp:	513367
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.5	9.1 13.7
68	5.6	4.6 6.8

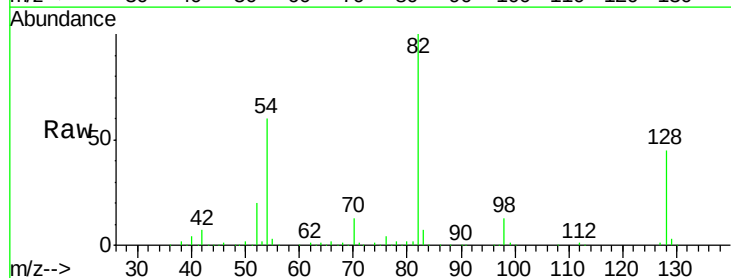


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

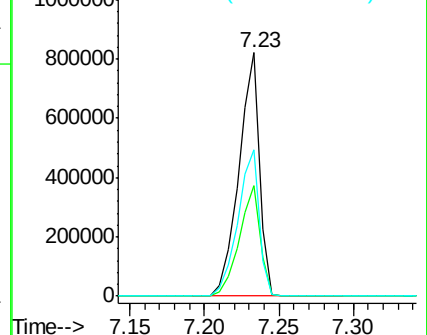
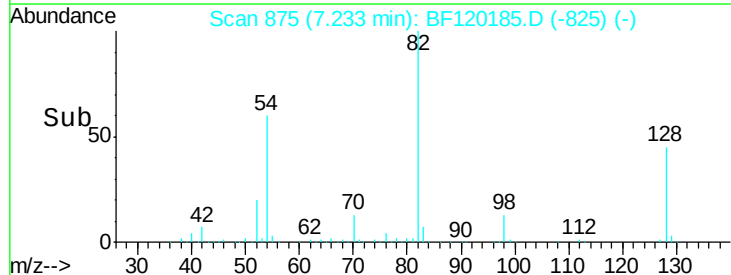


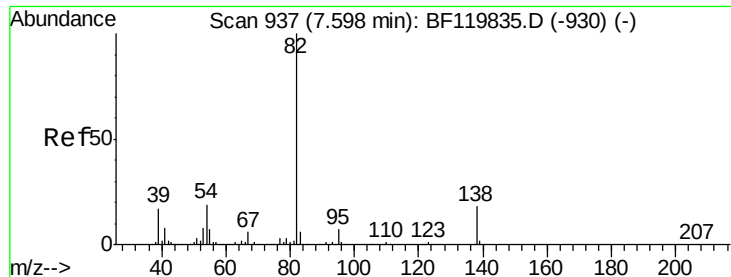
#23
Nitrobenzene-d5
Concen: 80.276 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120185.D
Acq: 24 Apr 2020 3:17

Tgt Ion: 82	Resp:	796604
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.3 54.5
54	60.2	50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.485 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

Instrument :

BNA_F

ClientSampleId :

TP-21A

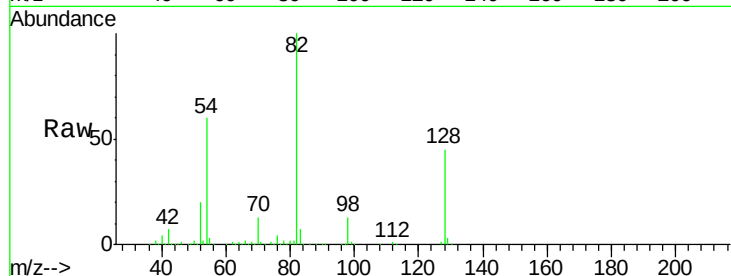
Tot Ion: 82 Resp: 793572

Ion Ratio Lower Upper

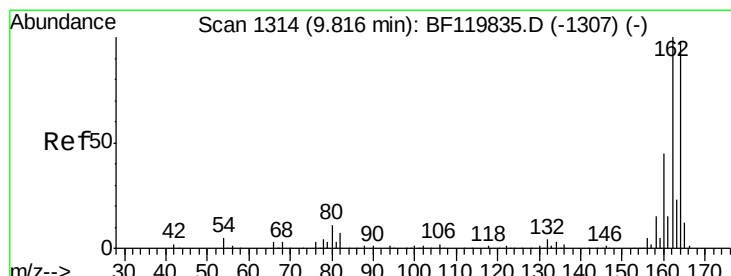
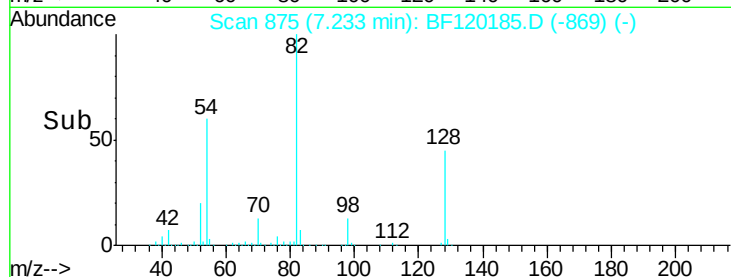
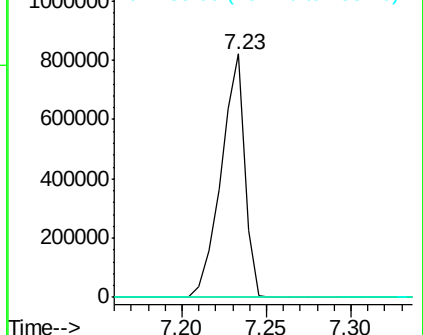
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

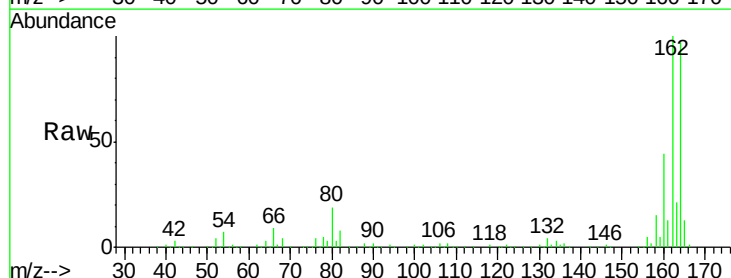
Tgt Ion:164 Resp: 272956

Ion Ratio Lower Upper

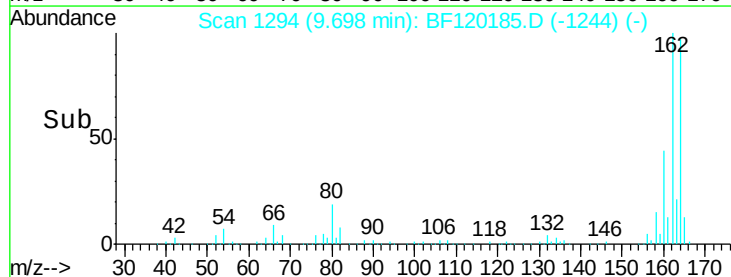
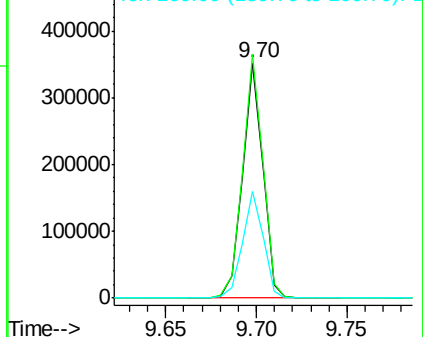
164 100

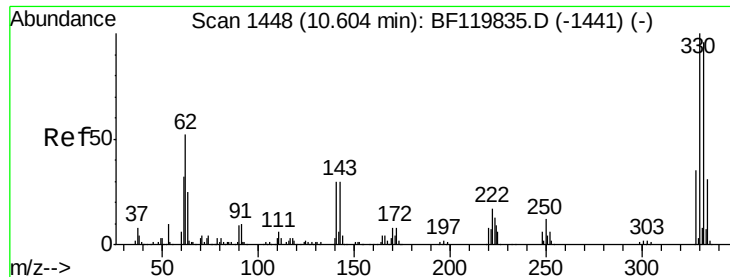
162 103.5 80.6 121.0

160 45.5 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

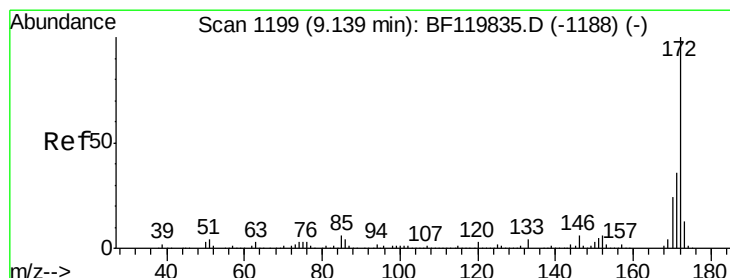
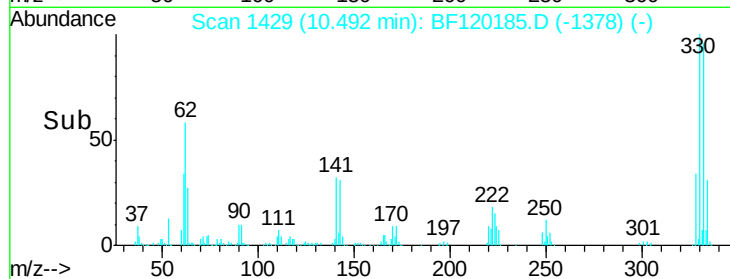
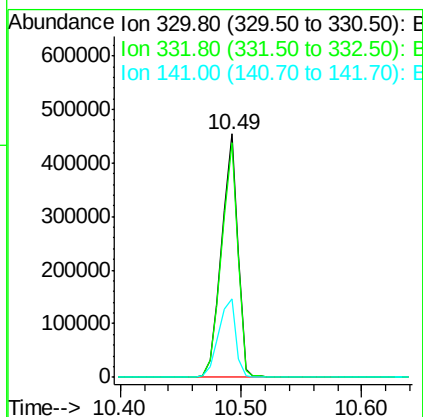
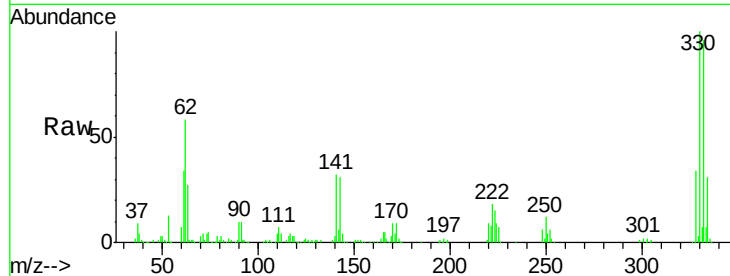




#42
 2,4,6-Tribromophenol
 Concen: 126.447 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

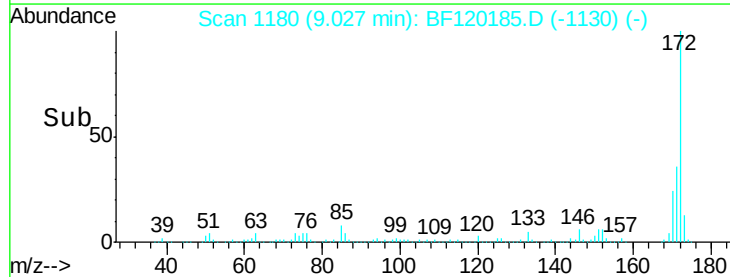
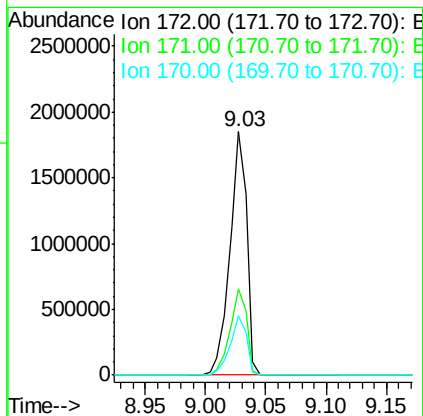
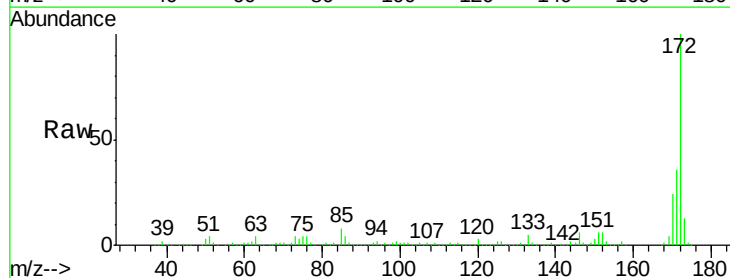
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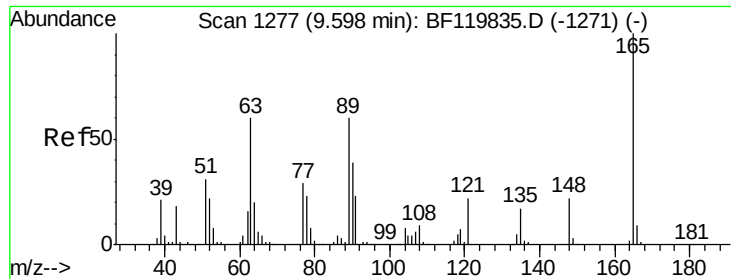
Tot Ion:330 Resp: 422573
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 33.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 93.229 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

Tgt Ion:172 Resp: 1792347
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.2 20.2 30.2

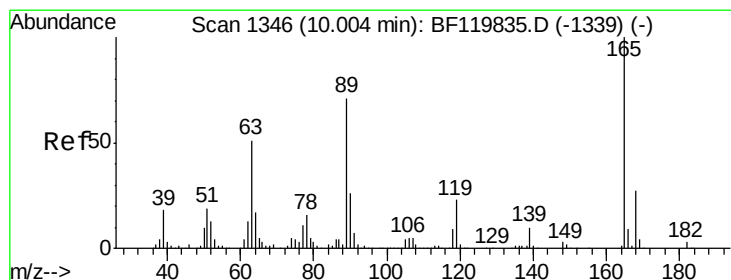
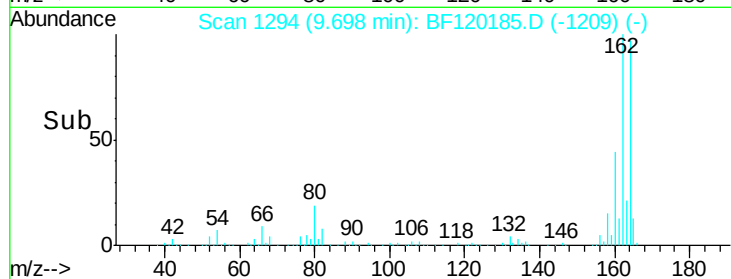
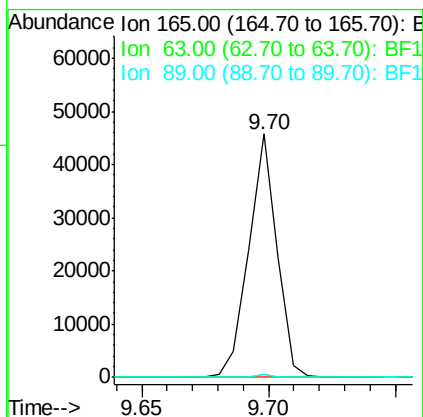
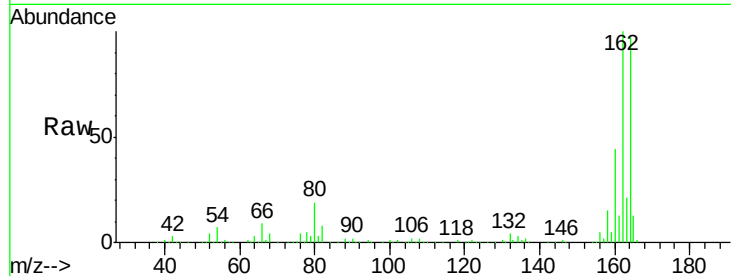




#51
 2,6-Dinitrotoluene
 Concen: 7.662 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.20 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

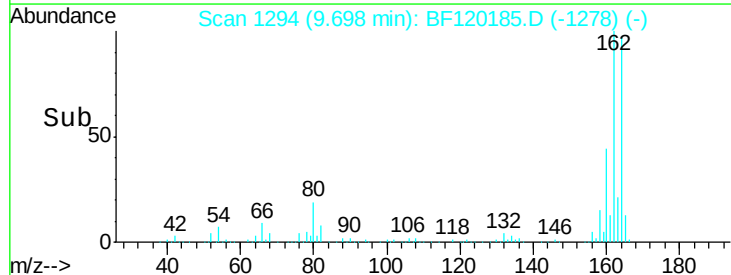
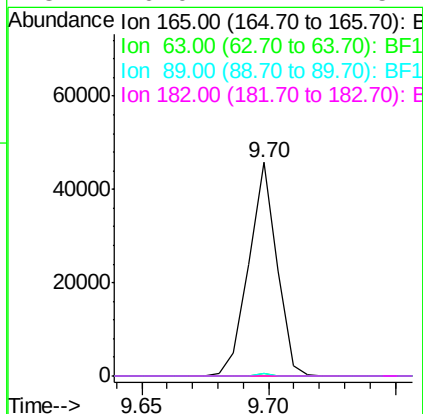
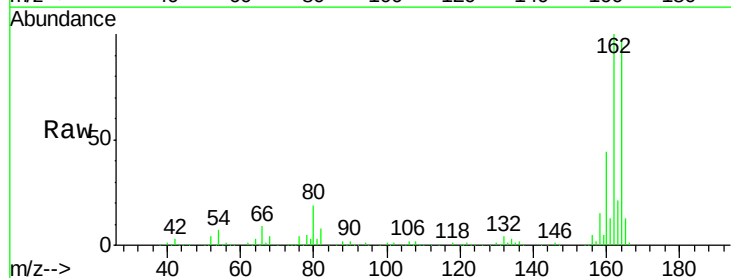
Instrument :
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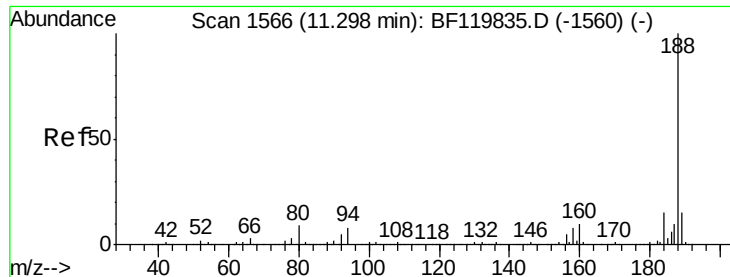
Tot Ion	165	Resp	35422
Ion Ratio	Lower	Upper	
165	100		
63	1.4	45.0	67.4#
89	1.1	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.815 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

Tgt Ion	165	Resp	35422
Ion Ratio	Lower	Upper	
165	100		
63	1.4	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

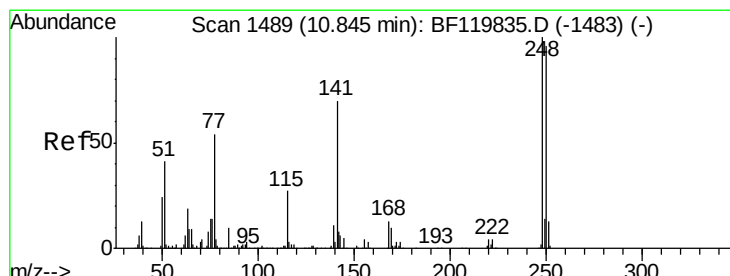
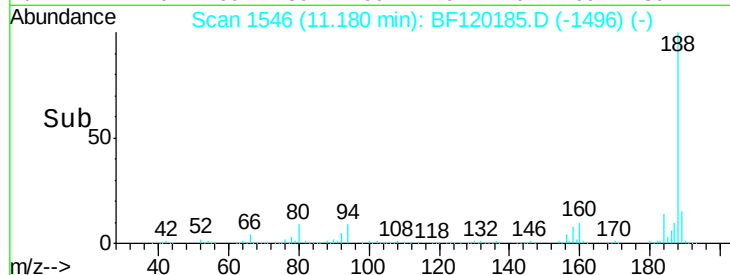
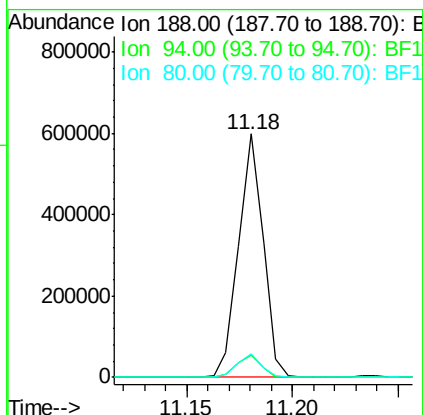
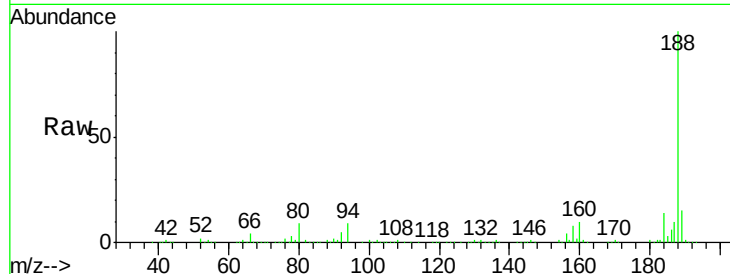




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

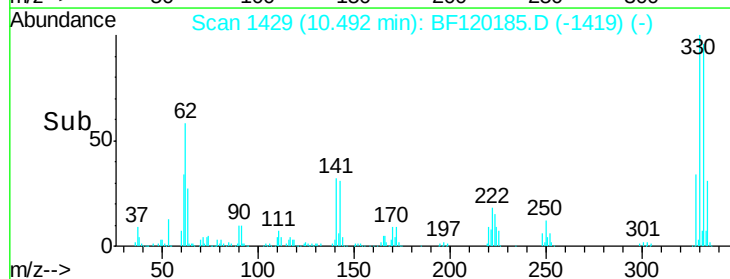
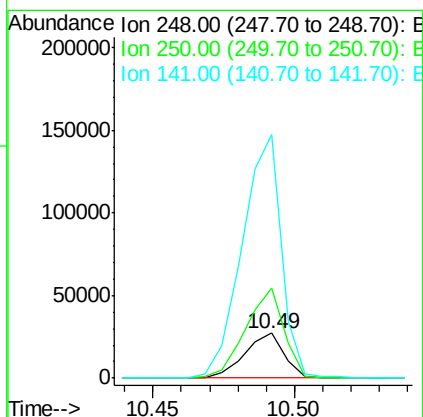
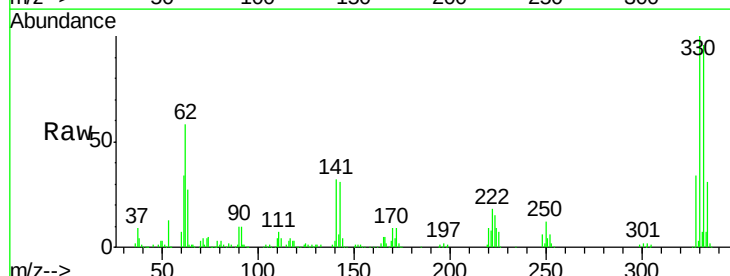
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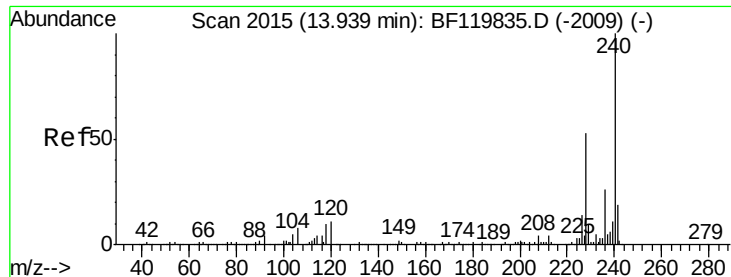
Tot Ion:188	Resp:	483501
Ion Ratio	Lower	Upper
188 100		
94 9.2	7.5	11.3
80 9.5	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.287 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120185.D
 Acq: 24 Apr 2020 3:17

Tgt Ion:248	Resp:	25777
Ion Ratio	Lower	Upper
248 100		
250 200.4	77.3	115.9#
141 545.4	58.6	87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

Instrument :

BNA_F

ClientSampleId :

TP-21A

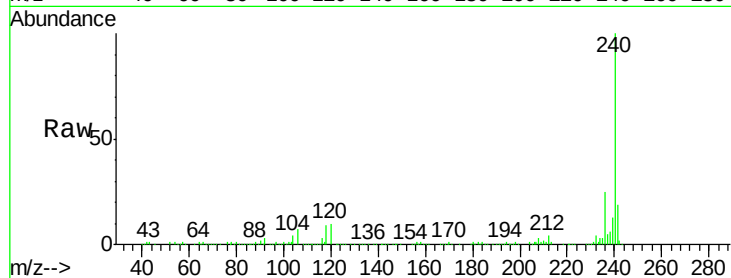
Tot Ion:240 Resp: 347069

Ion Ratio Lower Upper

240 100

120 9.6 10.6 15.8#

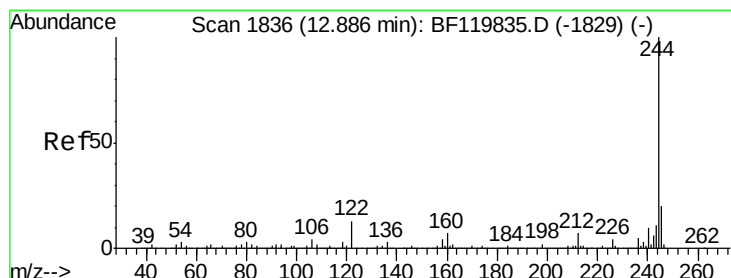
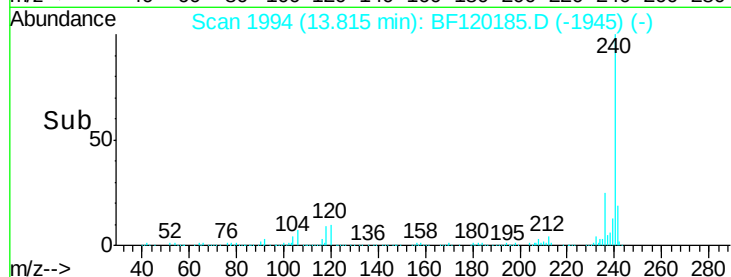
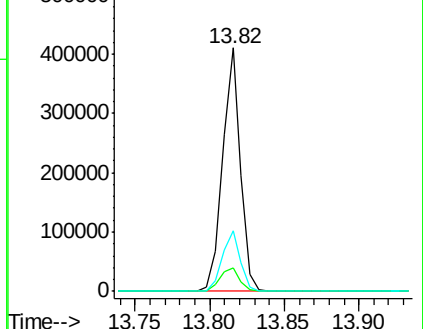
236 24.9 20.2 30.2



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: 106.173 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120185.D

Acq: 24 Apr 2020 3:17

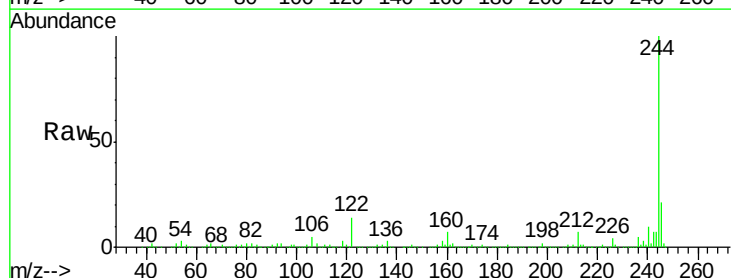
Tgt Ion:244 Resp: 2189952

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

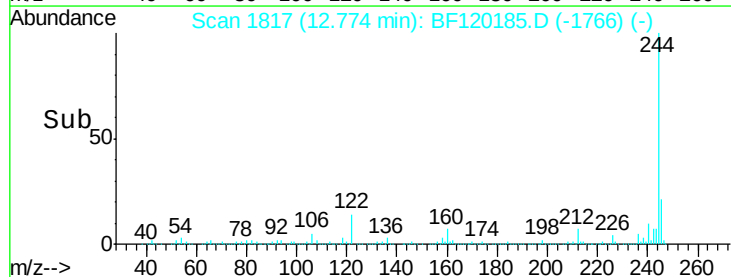
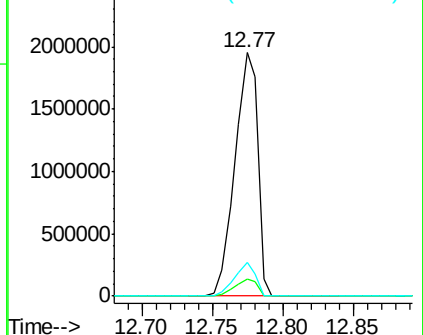
122 13.8 10.3 15.5

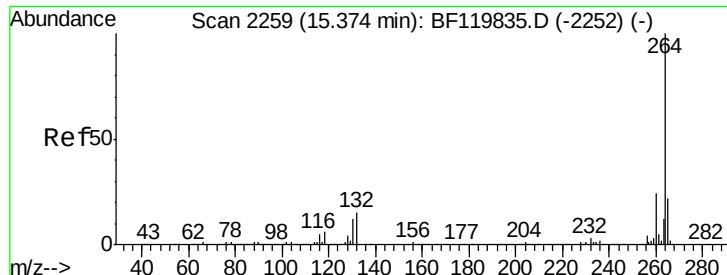


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

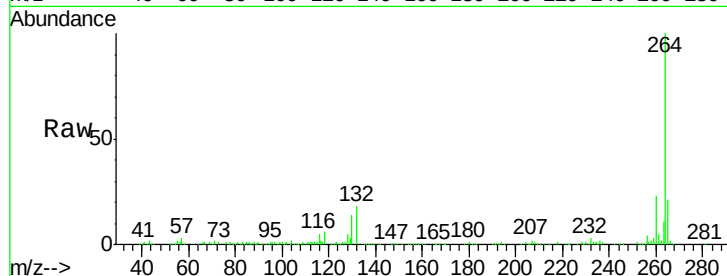




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF120185.D
Acq: 24 Apr 2020 3:17

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

