

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119950.D
 Acq On : 14 Apr 2020 13:58
 Operator : MA/SJ
 Sample : L2243-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Quant Time: Apr 14 14:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

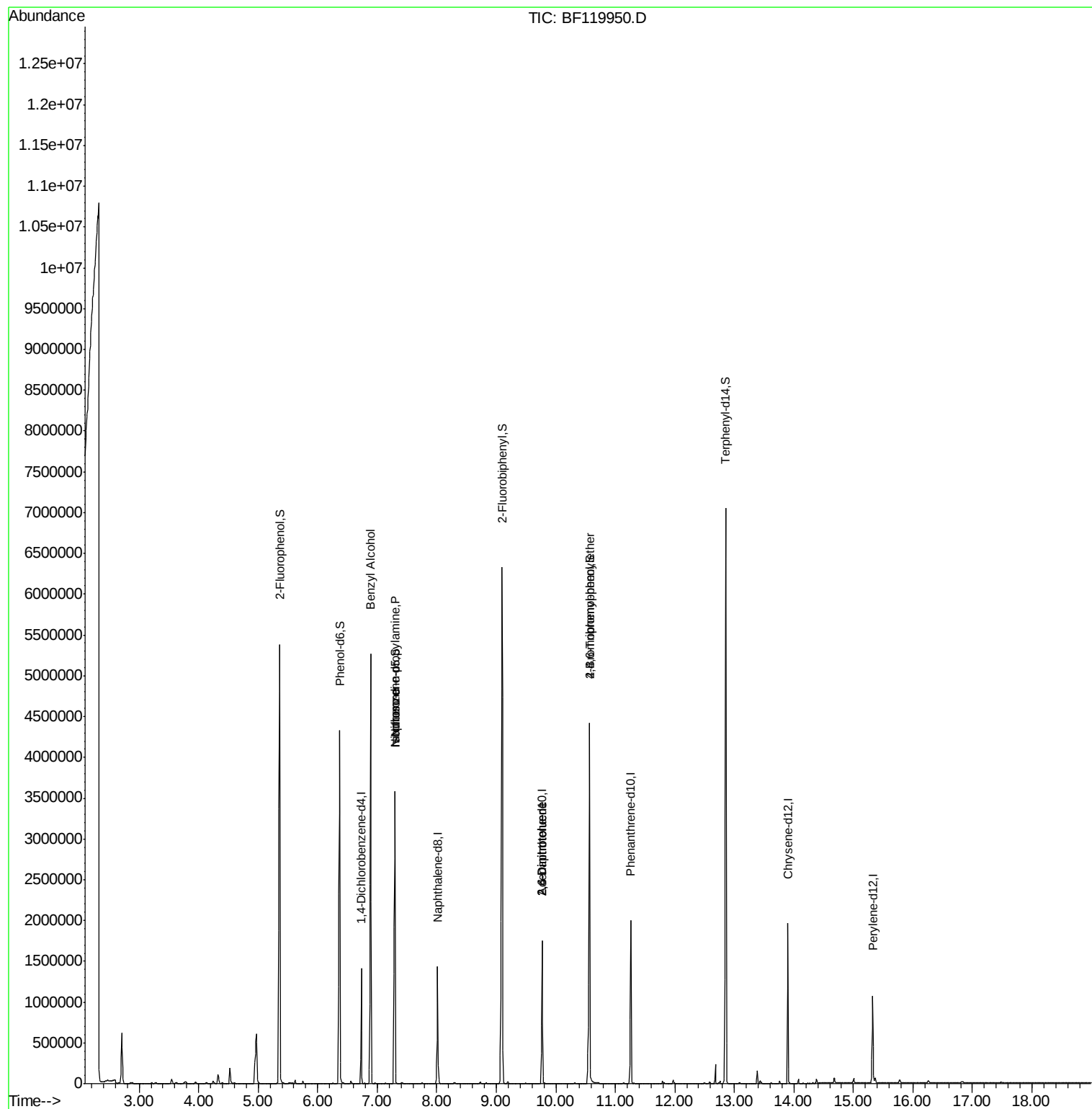
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	207086	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	795670	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	417790	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	836851	20.00	ng	0.00
76) Chrysene-d12	13.90	240	628372	20.00	ng	-0.01
87) Perylene-d12	15.32	264	487782	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1693403	141.32	ng	0.02
7) Phenol-d6	6.37	99	1948426	126.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	1499159	97.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	663164	129.65	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2813354	95.61	ng	0.00
79) Terphenyl-d14	12.86	244	3152430	84.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	294	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.89	79	24490	2.042 ng	#	51
19) n-Nitroso-di-n-propylamine	7.30	70	196043	19.744 ng	#	75
25) Isophorone	7.30	82	1482773	50.012 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	53178	7.515 ng	#	19
57) 2,4-Dinitrotoluene	9.77	165	53178	5.704 ng	#	22
67) 4-Bromophenyl-phenylether	10.57	248	41812	4.018 ng	#	1

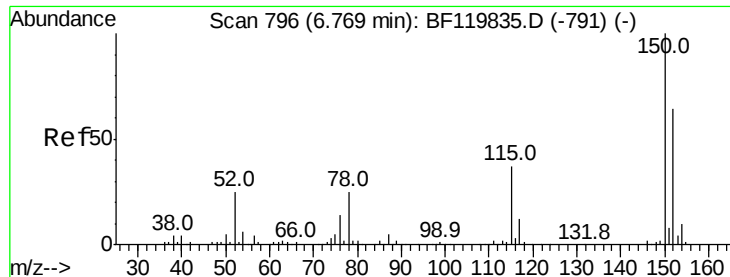
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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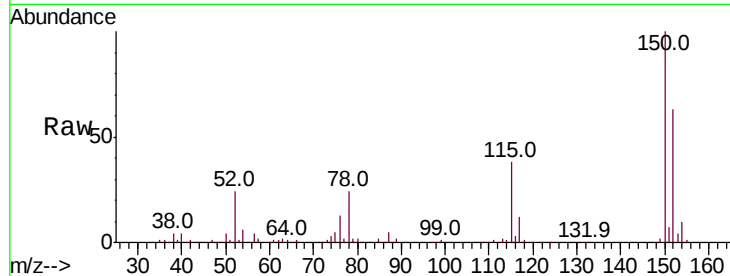


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119950.D
Acq: 14 Apr 2020 13:58

Instrument :
BNA_F
ClientSampleId :
TP-34-33-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.8	187.2
115	59.7	46.5	69.7

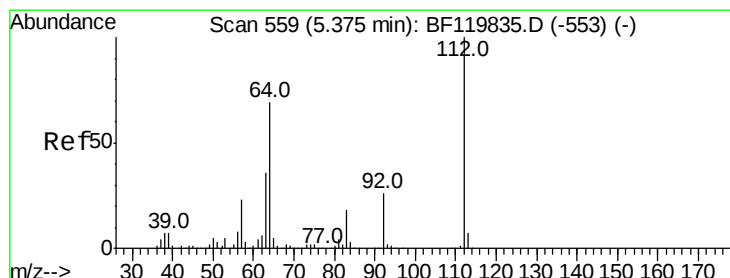
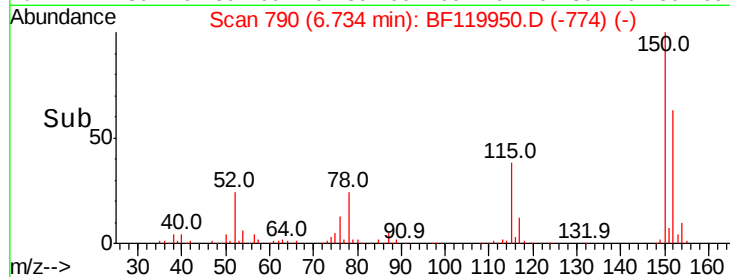
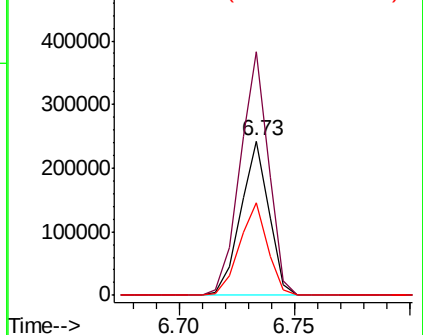


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

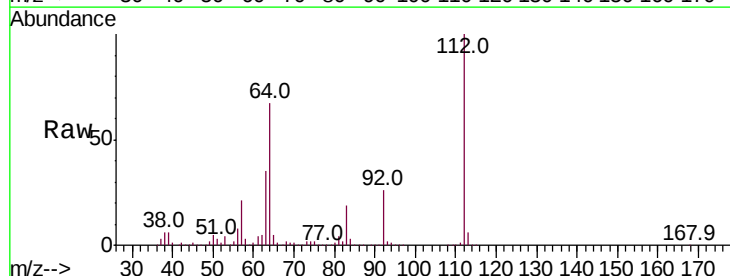
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.319 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119950.D
Acq: 14 Apr 2020 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.5	83.3
63	34.7	29.1	43.7

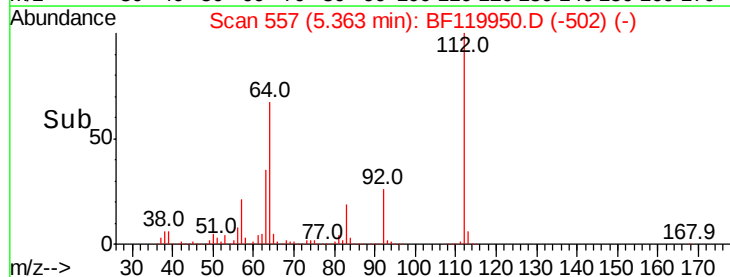
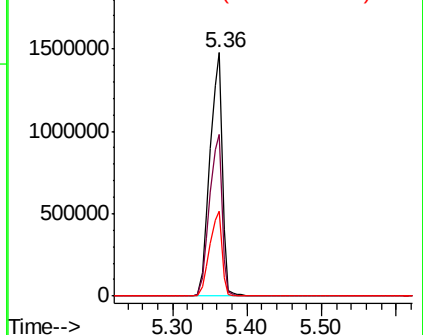


Abundance

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: 126.189 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

Instrument :

BNA_F

ClientSampleId :

TP-34-33-COMP

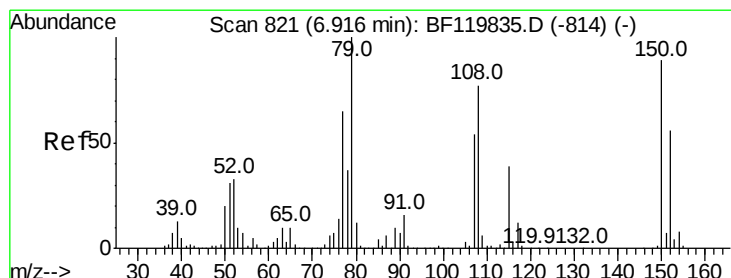
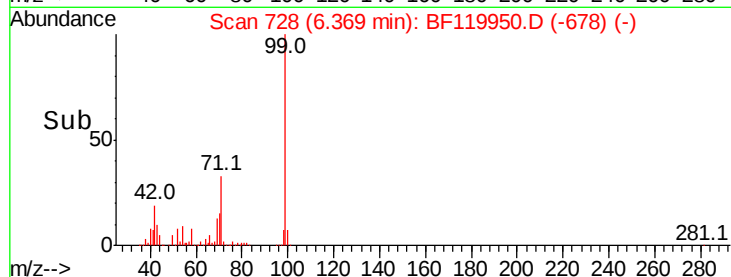
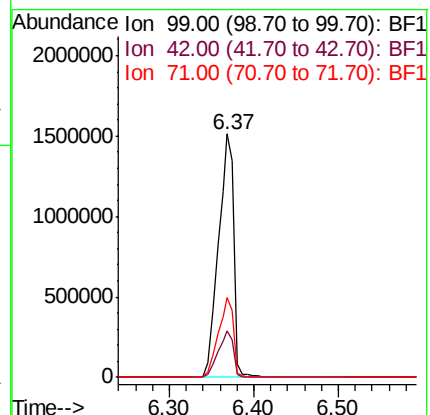
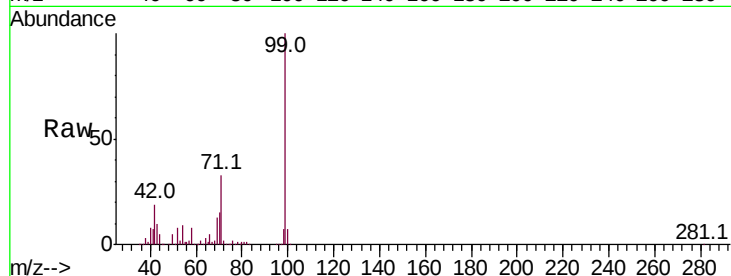
Tot Ion: 99 Resp: 1948426

Ion Ratio Lower Upper

99 100

42 19.2 16.9 25.3

71 32.7 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.042 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

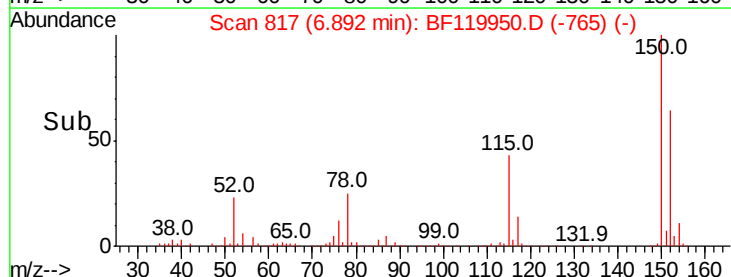
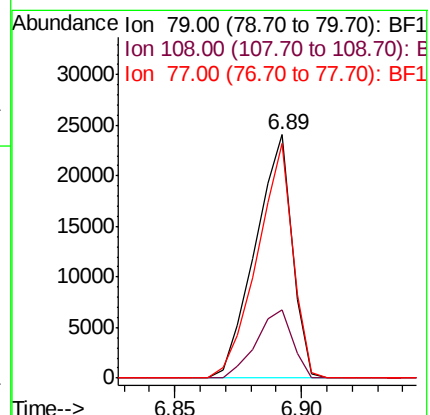
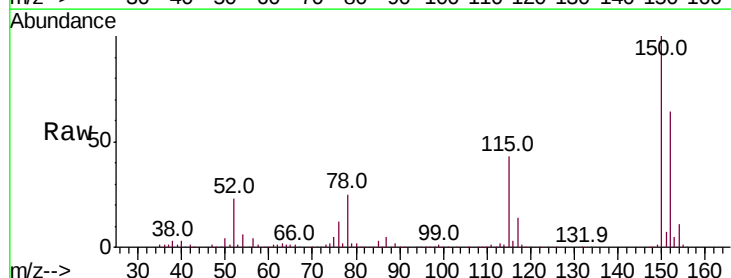
Tgt Ion: 79 Resp: 24490

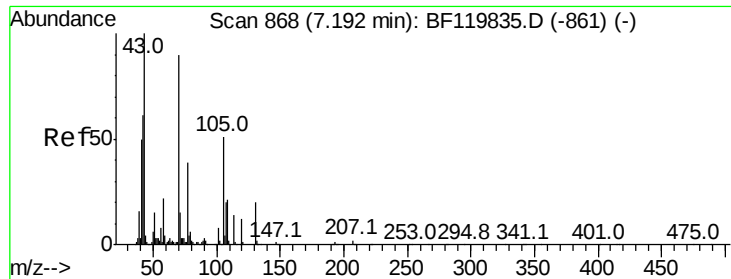
Ion Ratio Lower Upper

79 100

108 27.9 62.0 93.0#

77 96.2 51.8 77.6#

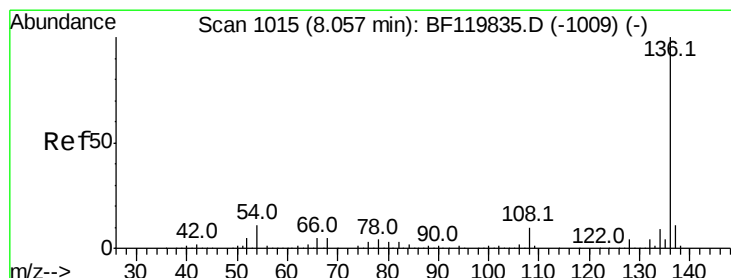
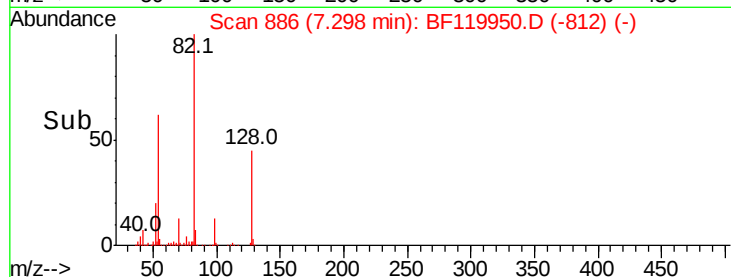
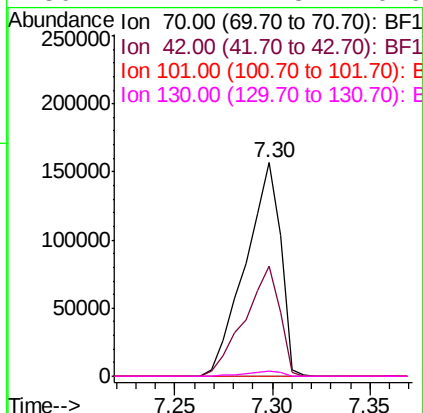
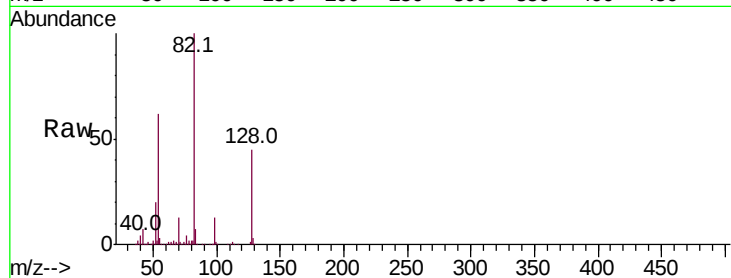




#19
n-Nitroso-di-n-propylamine
Concen: 19.744 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF119950.D
Acq: 14 Apr 2020 13:58

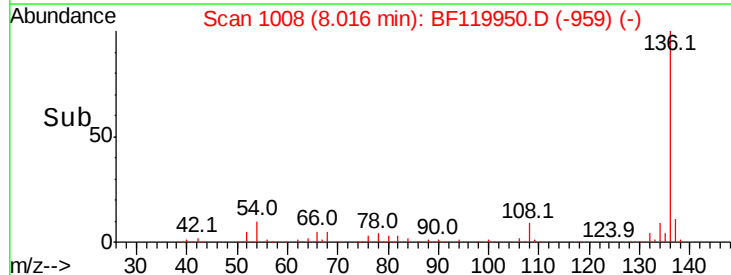
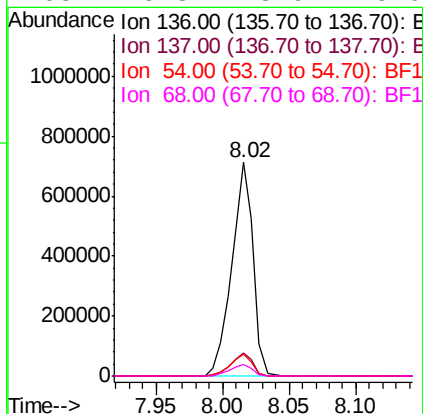
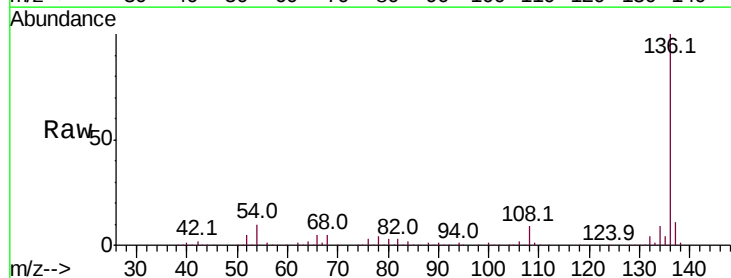
Instrument :
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TP-34-33-COMP

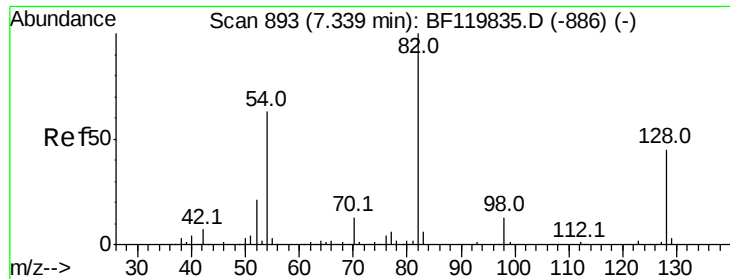
Tot Ion: 70 Resp: 196043
Ion Ratio Lower Upper
70 100
42 51.8 54.2 81.4#
101 0.0 7.4 11.2#
130 2.2 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119950.D
Acq: 14 Apr 2020 13:58

Tgt Ion:136 Resp: 795670
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.0 8.5 12.7
68 5.3 3.9 5.9





#23

Nitrobenzene-d5

Concen: 97.474 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

Instrument :

BNA_F

ClientSampleId :

TP-34-33-COMP

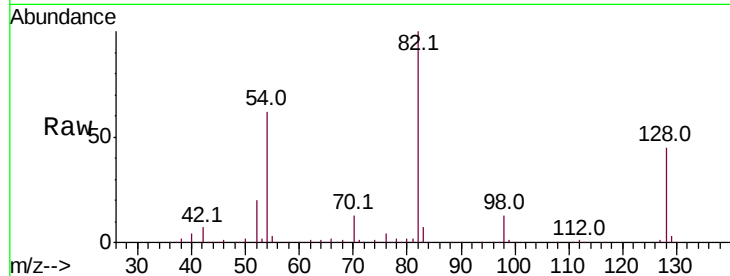
Tot Ion: 82 Resp: 1499159

Ion Ratio Lower Upper

82 100

128 45.2 36.2 54.4

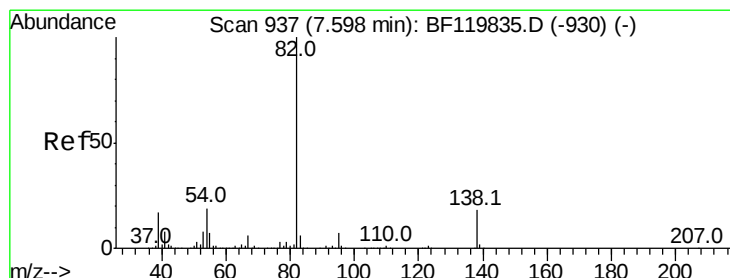
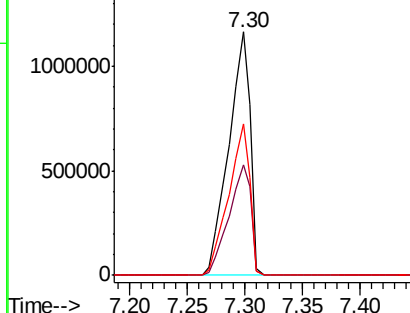
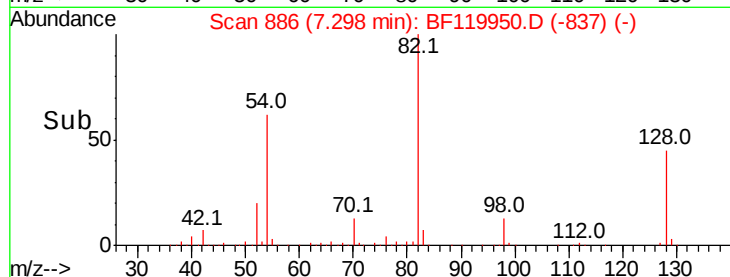
54 62.4 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 50.012 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

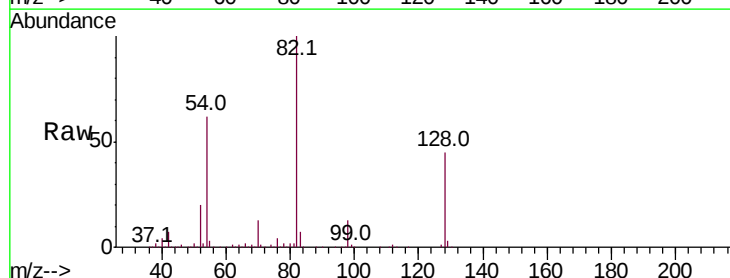
Tgt Ion: 82 Resp: 1482773

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

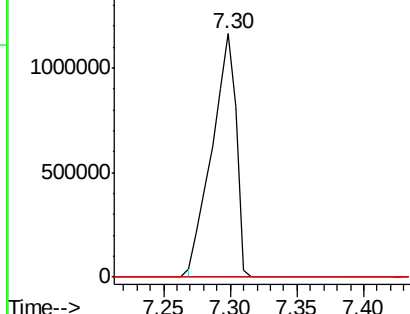
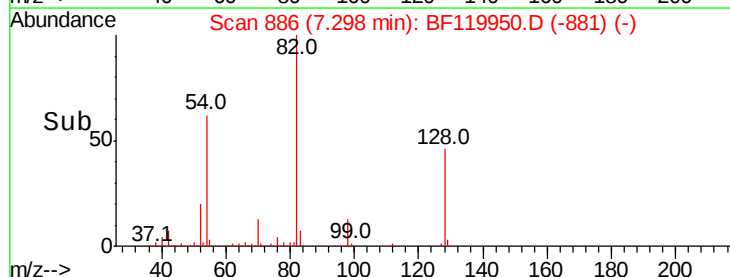
138 0.0 14.5 21.7#

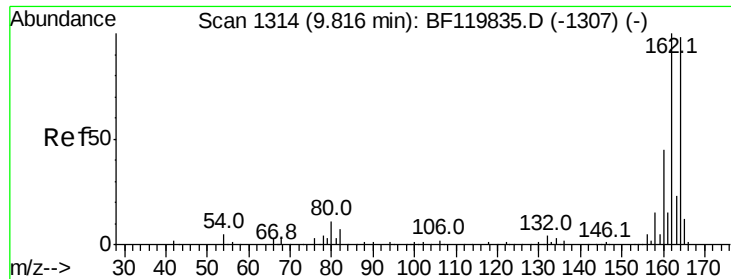


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

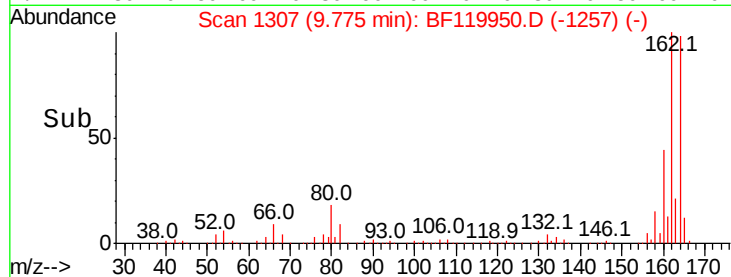
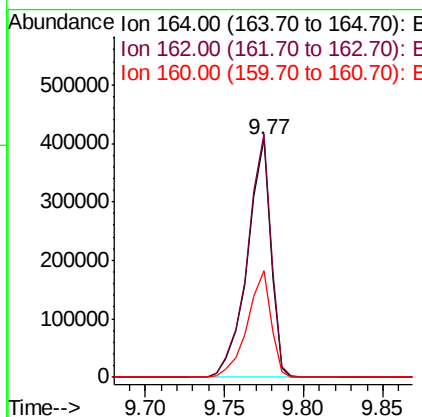
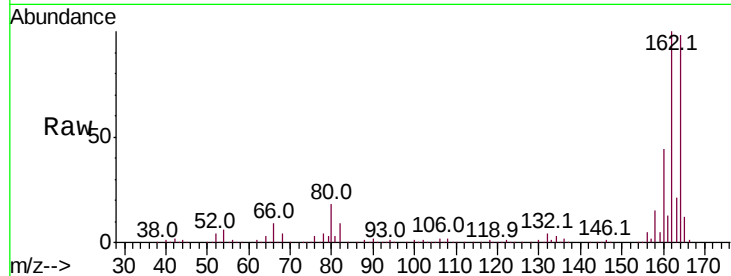




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

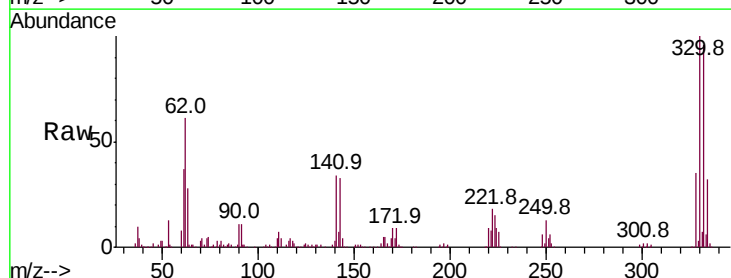
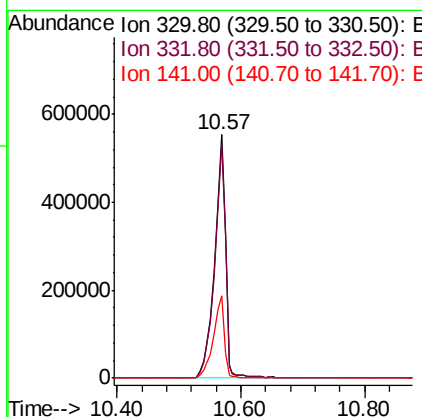
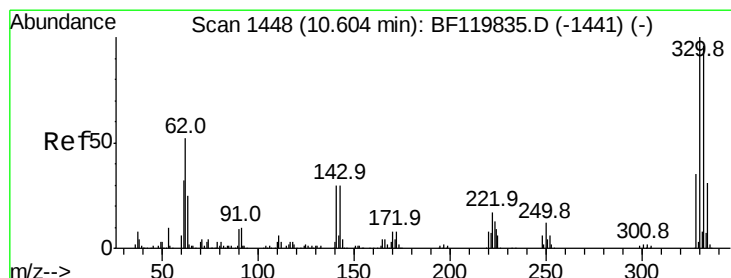
Instrument :
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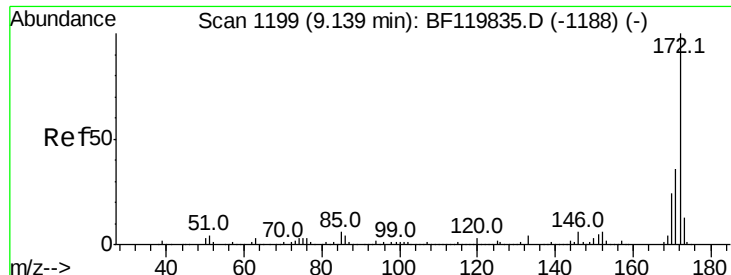
Tot Ion:164 Resp: 417790
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.9 122.9
 160 45.0 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 129.647 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Tgt Ion:330 Resp: 663164
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 33.9 25.1 37.7

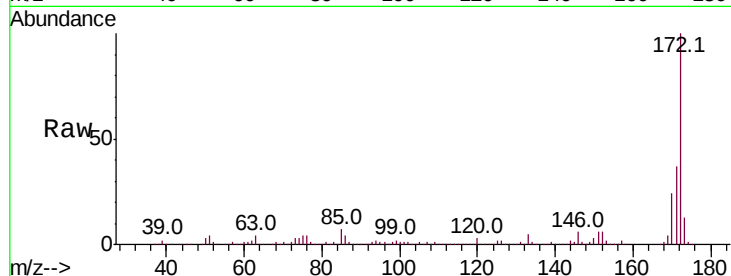




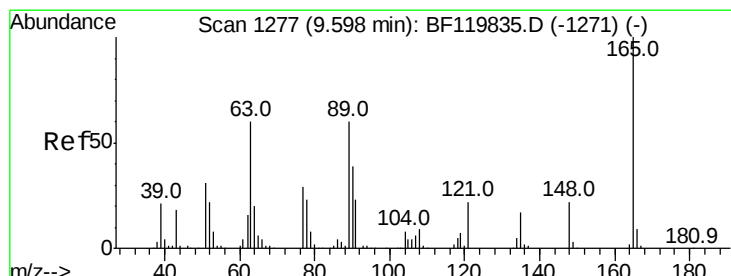
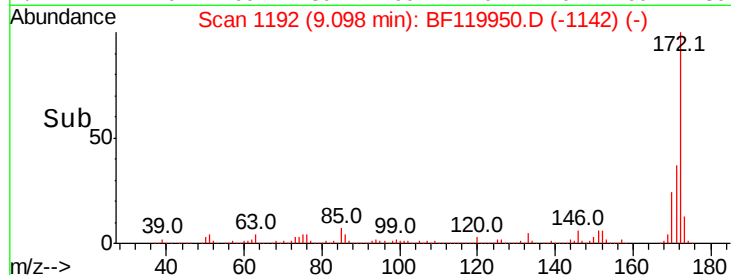
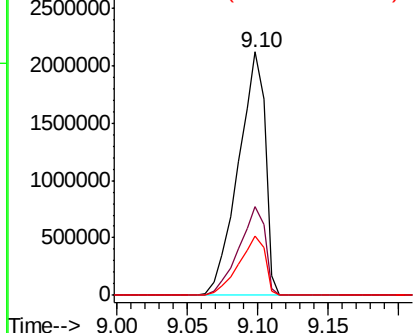
#45
 2-Fluorobiphenyl
 Concen: 95.607 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Tot Ion:172 Resp: 2813354
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.3 19.4 29.2

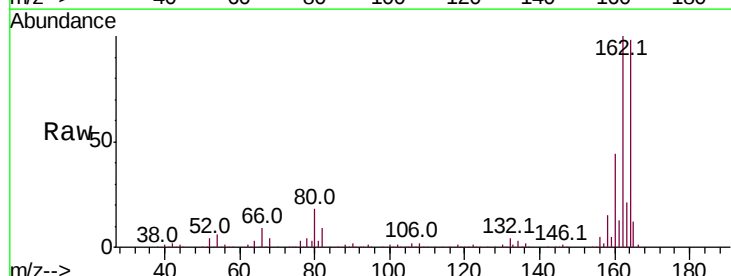


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

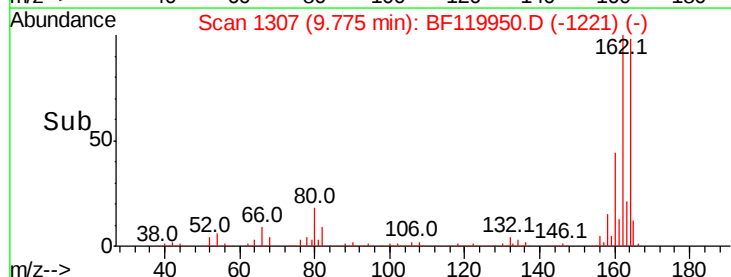
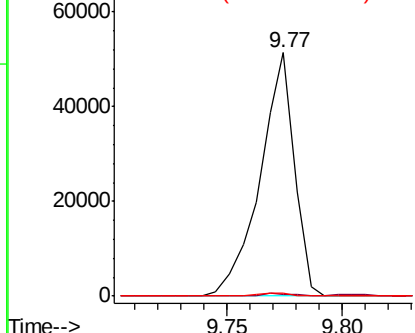


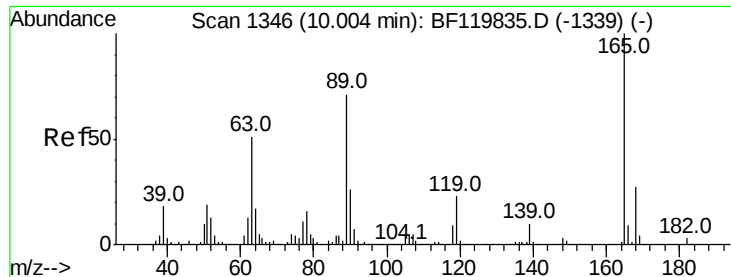
#51
 2,6-Dinitrotoluene
 Concen: 7.515 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.21 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Tgt Ion:165 Resp: 53178
 Ion Ratio Lower Upper
 165 100
 63 0.9 55.6 83.4#
 89 1.5 47.9 71.9#



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

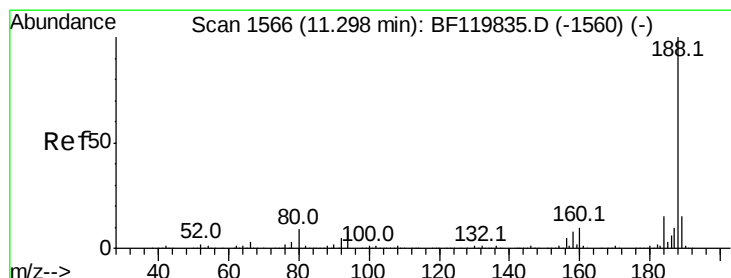
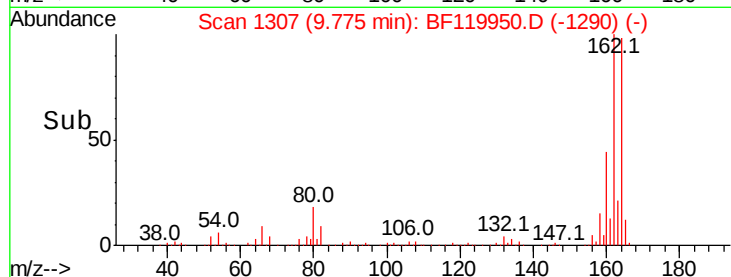
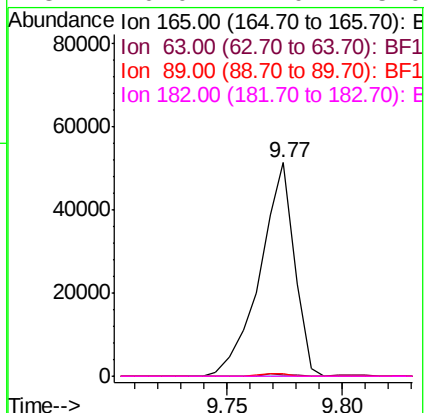
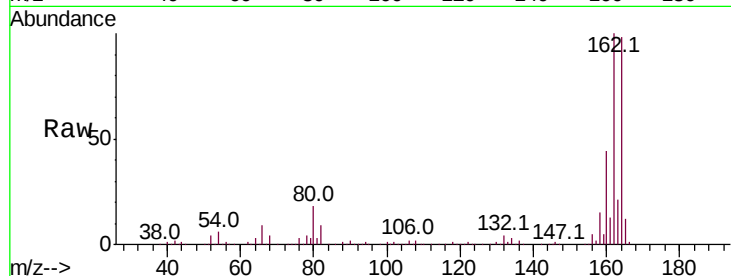




#57
 2,4-Dinitrotoluene
 Concen: 5.704 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

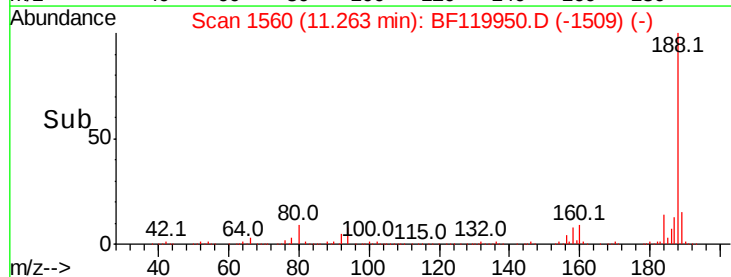
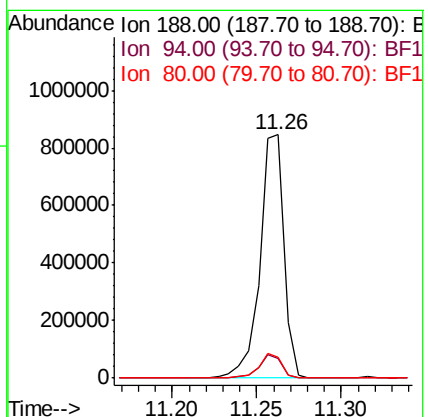
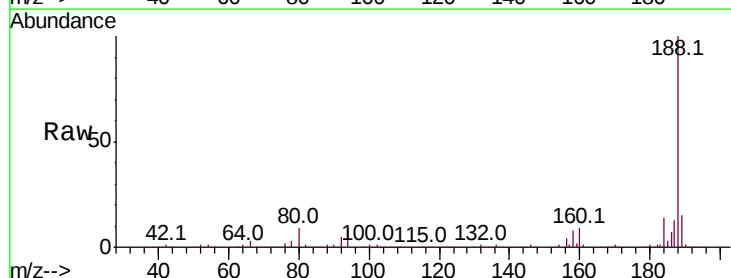
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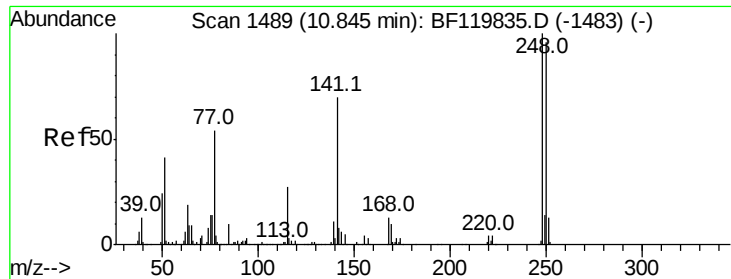
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.8	61.2#
89	1.5	56.9	85.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.5	7.4	11.2

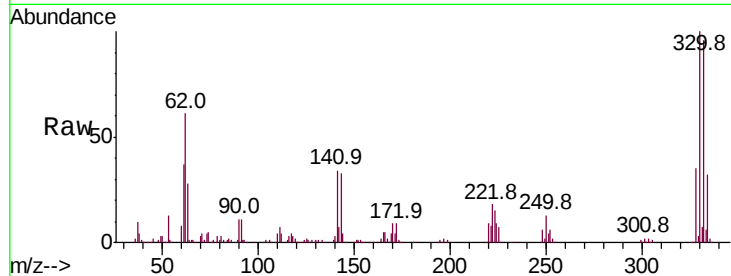




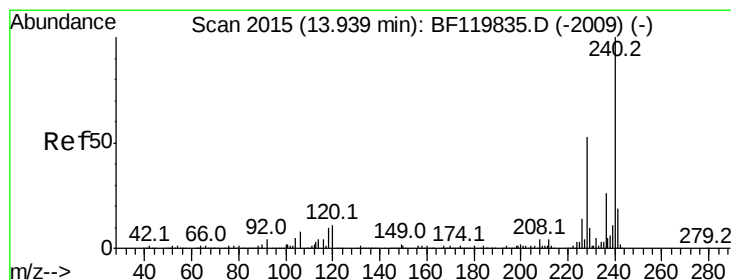
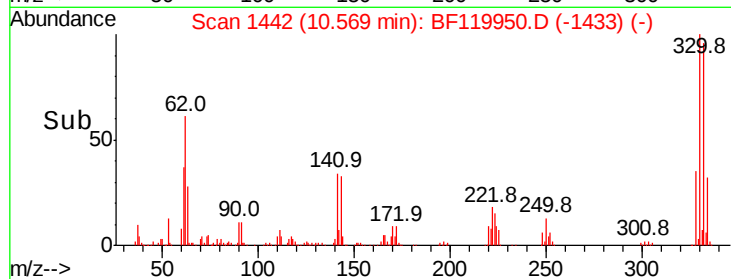
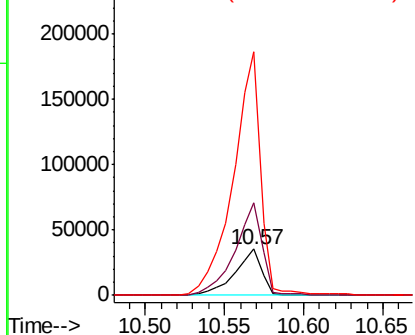
#67
 4-Bromophenyl-phenylether
 Concen: 4.018 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Tot Ion:248 Resp: 41812
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.6 114.8#
 141 524.9 55.9 83.9#

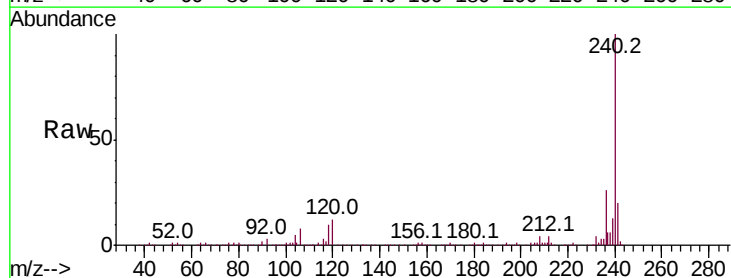


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

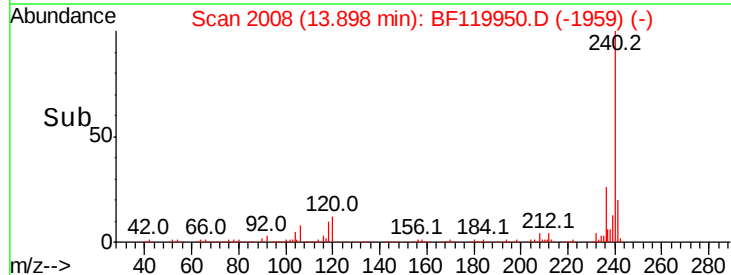
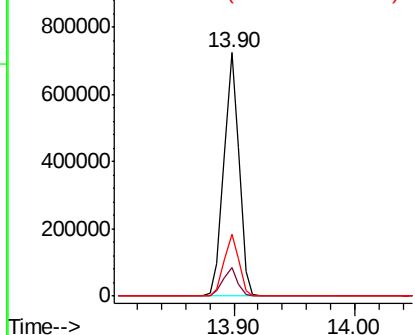


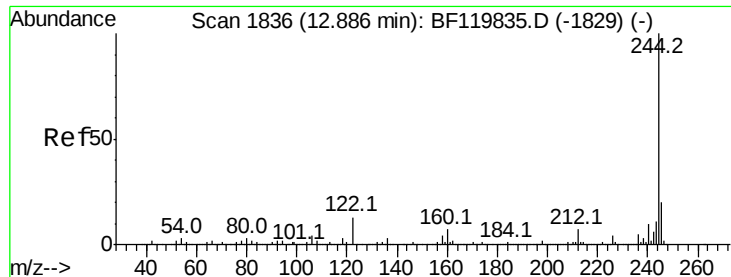
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119950.D
 Acq: 14 Apr 2020 13:58

Tgt Ion:240 Resp: 628372
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.6
 236 25.6 20.7 31.1



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: 84.416 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

Instrument :

BNA_F

ClientSampleId :

TP-34-33-COMP

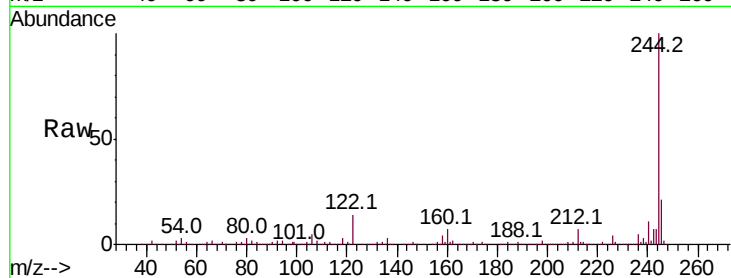
Tot Ion:244 Resp: 3152430

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

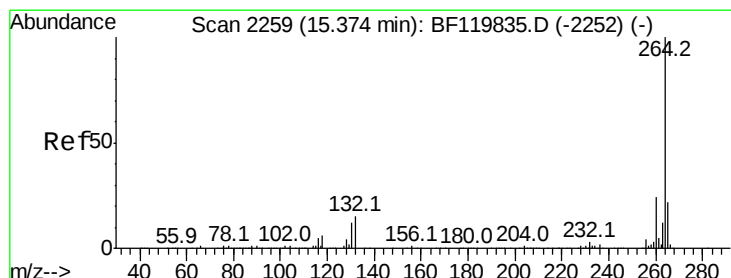
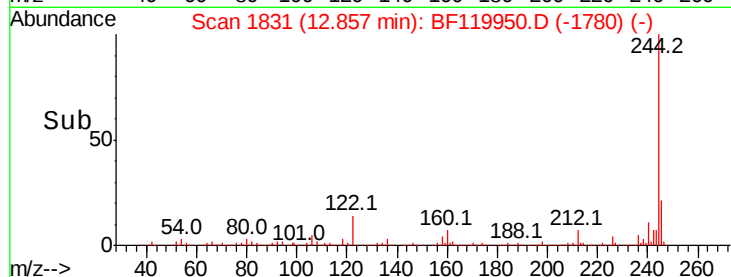
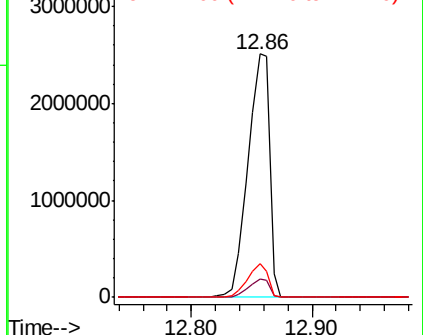
122 14.0 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF119950.D

Acq: 14 Apr 2020 13:58

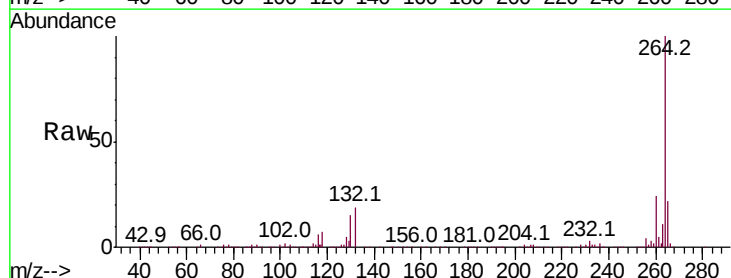
Tgt Ion:264 Resp: 487782

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.3 17.6 26.4



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

