

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120143.D
 Acq On : 22 Apr 2020 20:42
 Operator : MA/SJ
 Sample : L2347-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Quant Time: Apr 23 02:44:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

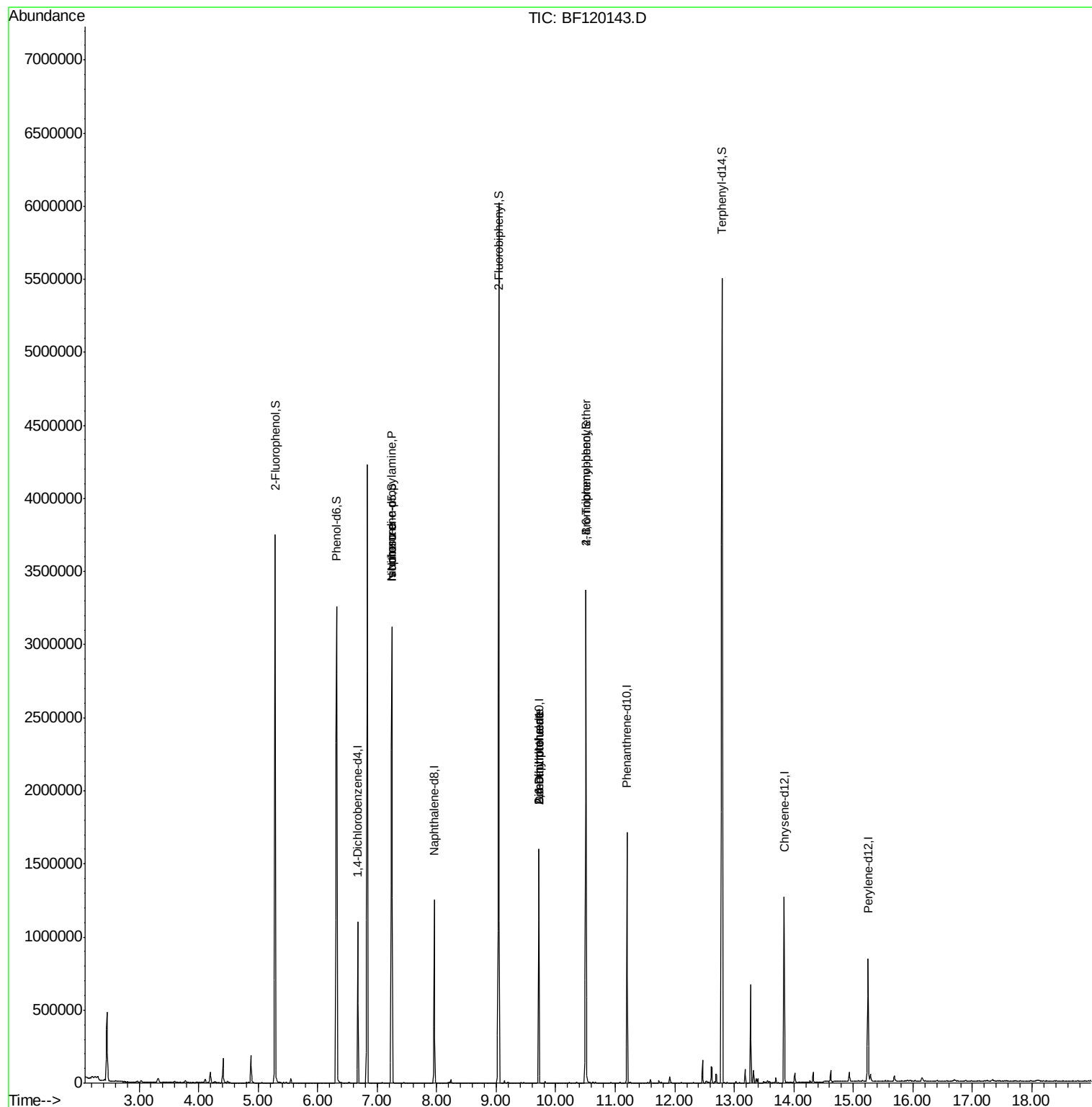
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	146934	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	562709	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	301983	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	575209	20.00	ng	0.00
76) Chrysene-d12	13.84	240	446558	20.00	ng	-0.01
87) Perylene-d12	15.24	264	361963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1086565	127.80	ng	0.00
7) Phenol-d6	6.32	99	1257817	114.81	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1016473	93.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	450286	121.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1964278	92.35	ng	0.00
79) Terphenyl-d14	12.80	244	2321451	87.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	1442	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	132788	18.849 ng	#	1
25) Isophorone	7.25	82	1015428	48.428 ng	#	74
50) Dimethylphthalate	9.72	163	68546	2.935 ng	#	65
51) 2,6-Dinitrotoluene	9.72	165	38811	7.588 ng	#	1
57) 2,4-Dinitrotoluene	9.72	165	38811	5.759 ng	#	26
67) 4-Bromophenyl-phenylether	10.51	248	28415	3.972 ng	#	20
					#	1

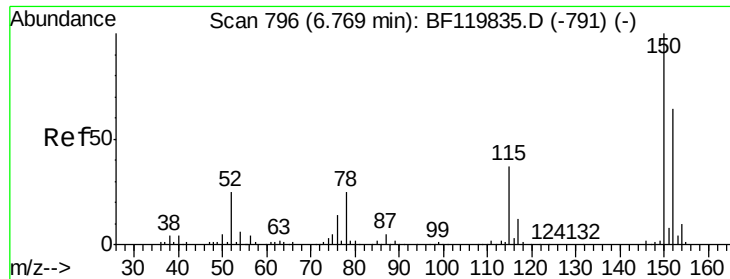
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
Data File : BF120143.D
Acq On : 22 Apr 2020 20:42
Operator : MA/SJ
Sample : L2347-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

Quant Time: Apr 23 02:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration



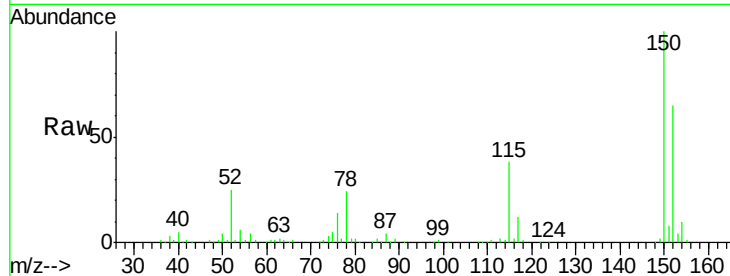


#1

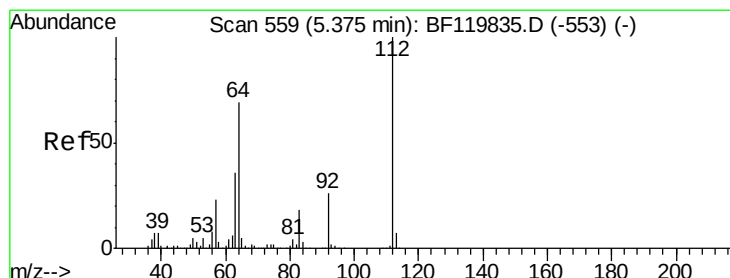
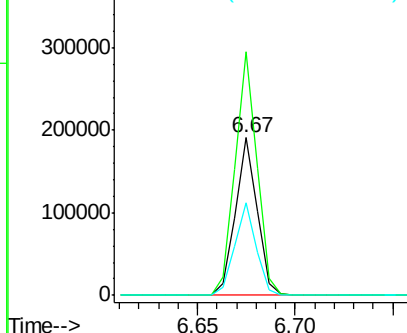
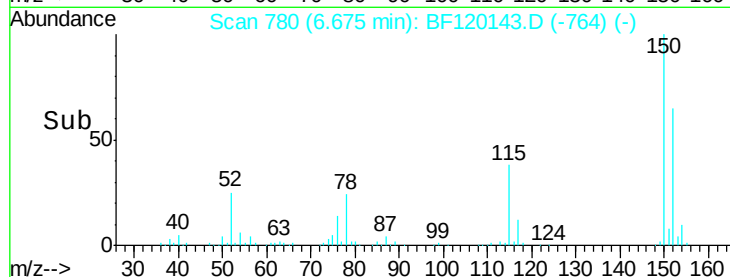
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

Tot Ion:152 Resp: 146934
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 59.0 49.6 74.4



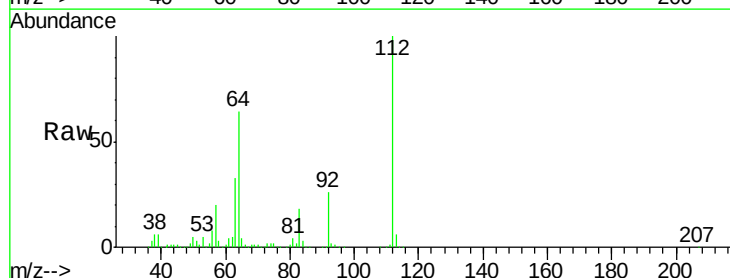
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



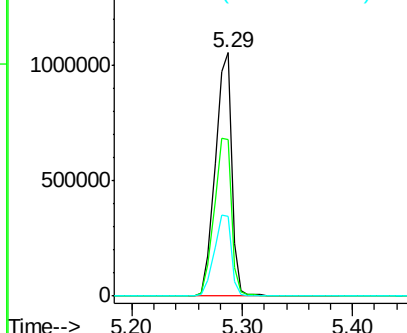
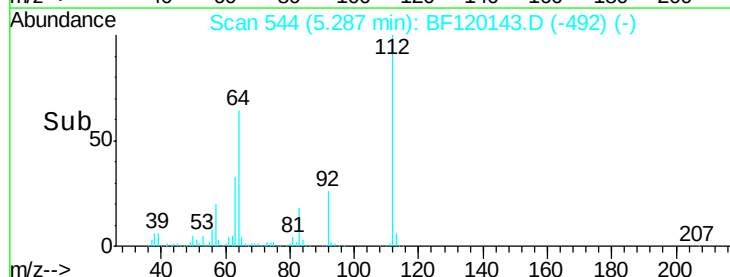
#5

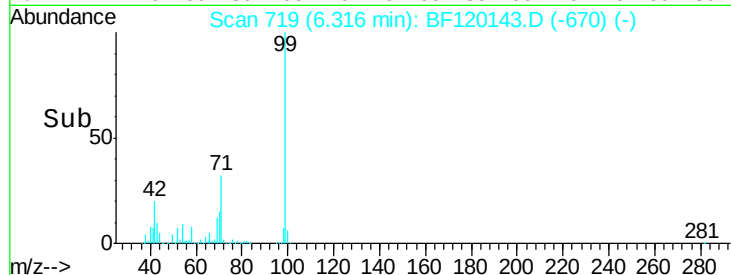
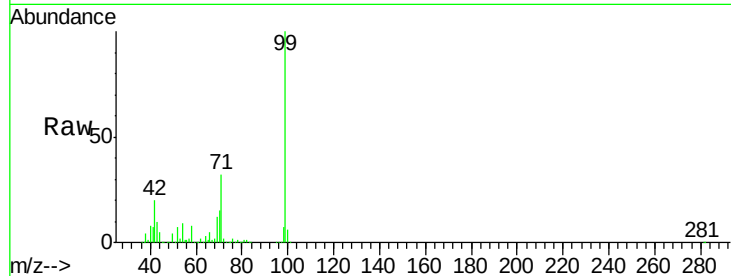
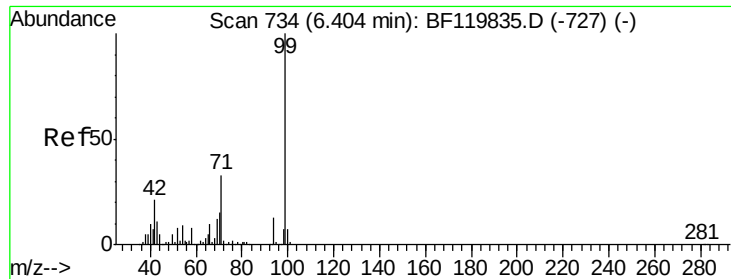
2-Fluorophenol
Concen: 127.798 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Tgt Ion:112 Resp: 1086565
Ion Ratio Lower Upper
112 100
64 64.4 56.7 85.1
63 33.0 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: 114.811 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Instrument :

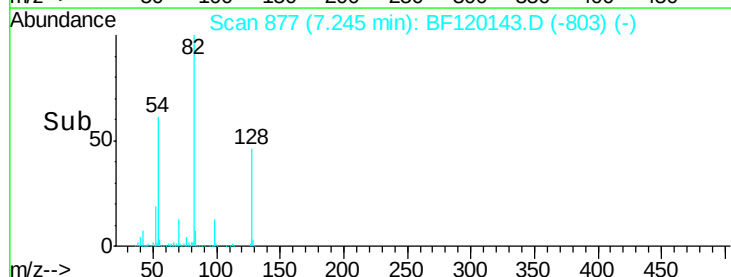
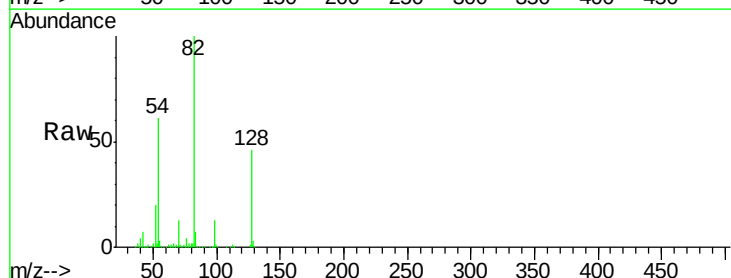
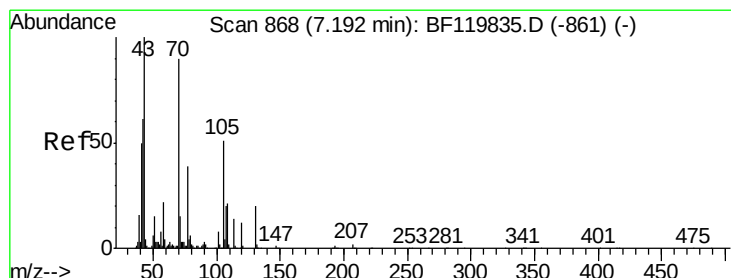
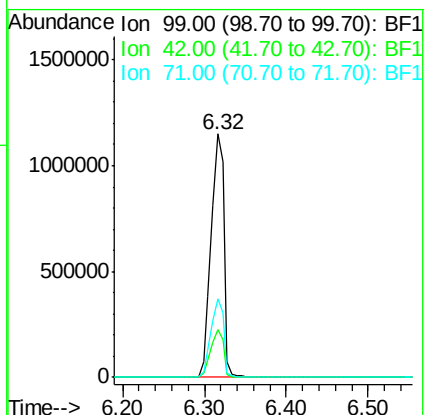
BNA_F

ClientSampleId :

TP-4-COMP

Tot Ion: 99 Resp: 1257817

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.6	24.8
71	32.2	26.4	39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.849 ng

RT: 7.25 min Scan# 877

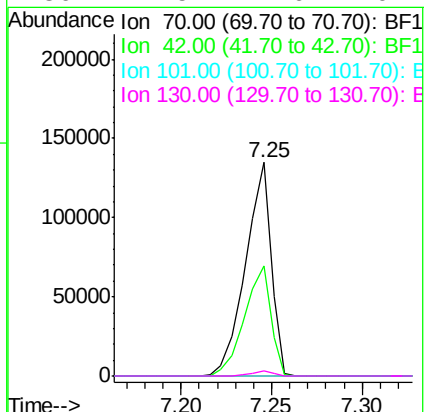
Delta R.T. 0.14 min

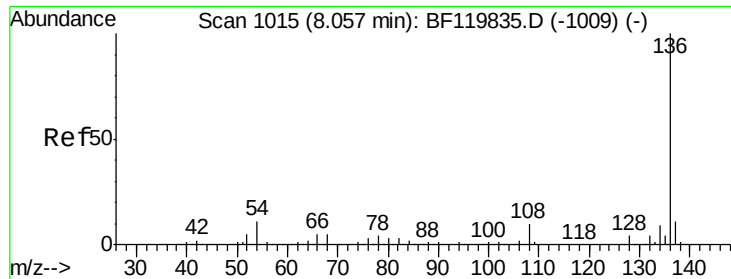
Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Tgt Ion: 70 Resp: 132788

Ion	Ratio	Lower	Upper
70	100		
42	51.4	54.5	81.7#
101	0.0	7.6	11.4#
130	2.5	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Instrument :

BNA_F

ClientSampleId :

TP-4-COMP

Tot Ion:136 Resp: 562709

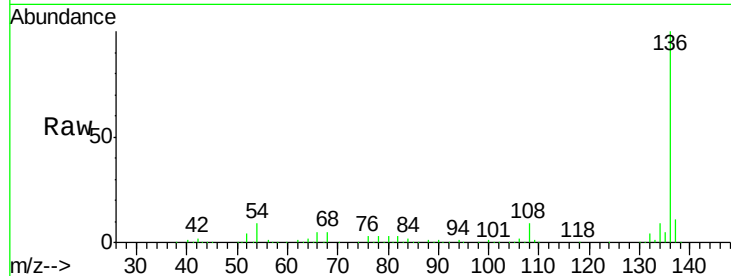
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.0 9.1 13.7#

68 5.1 4.6 6.8

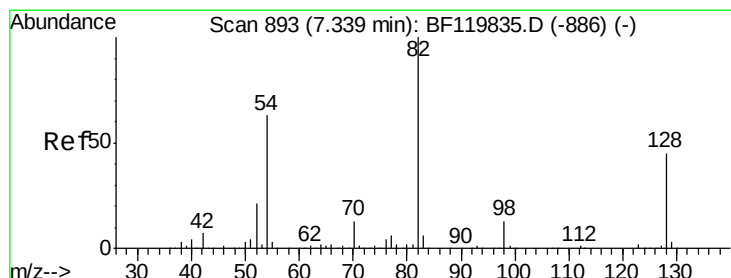
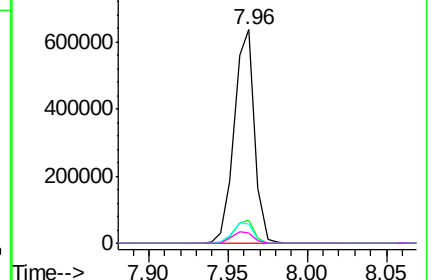
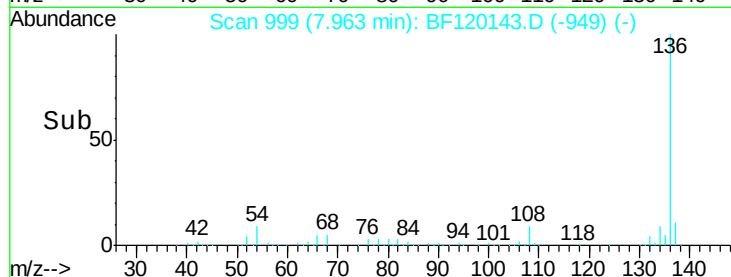


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.451 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

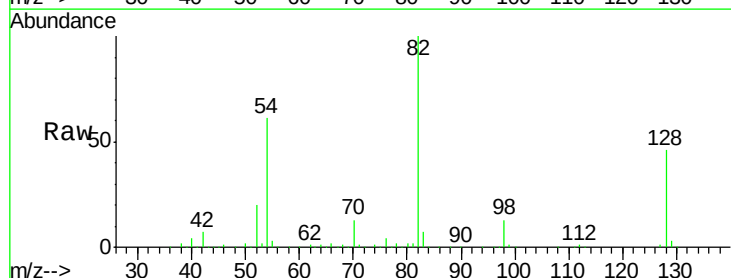
Tgt Ion: 82 Resp: 1016473

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

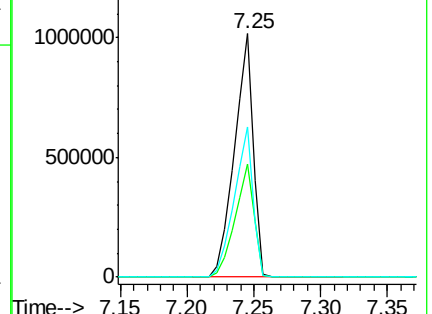
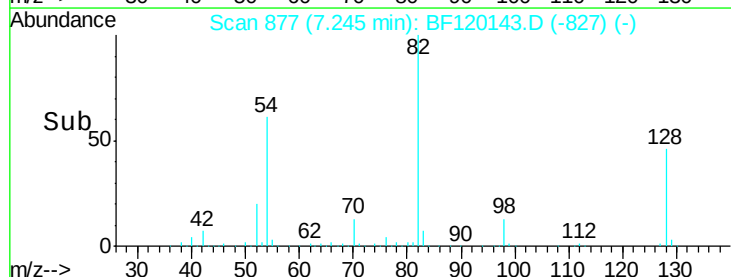
54 61.5 50.6 75.8

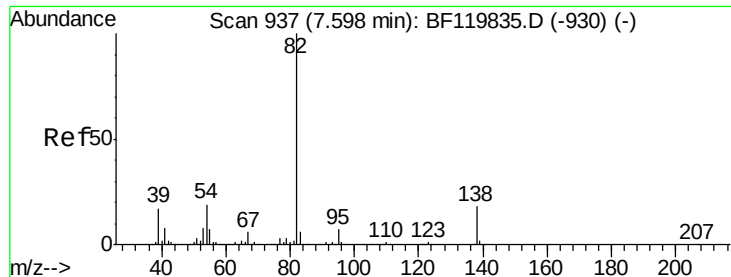


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

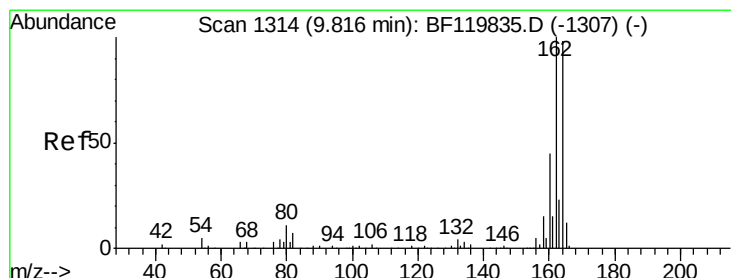
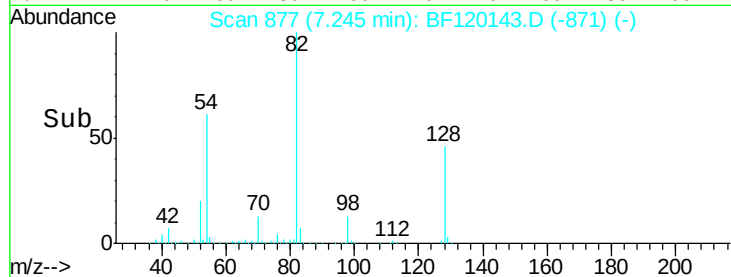
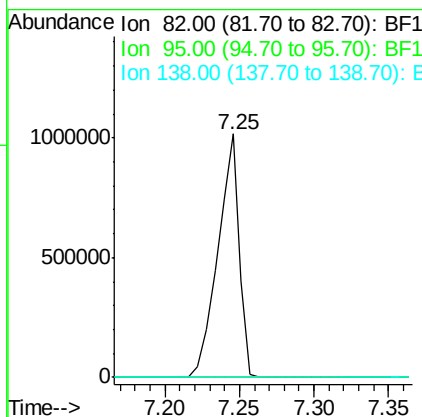
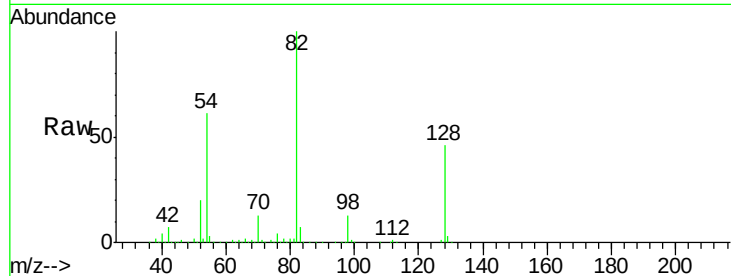




#25
Isophorone
Concen: 48.428 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

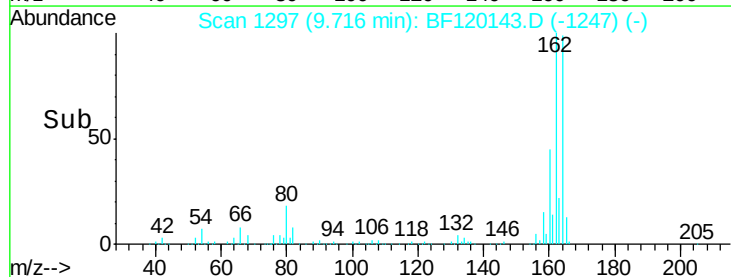
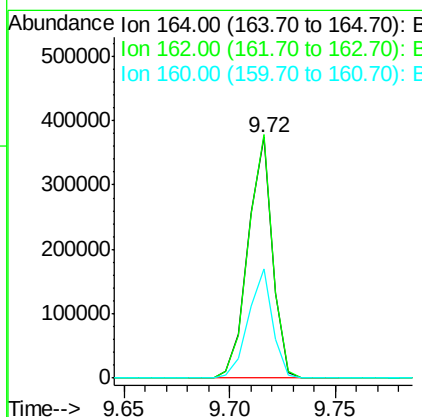
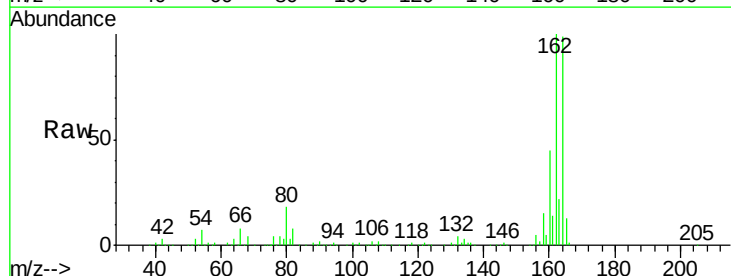
Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

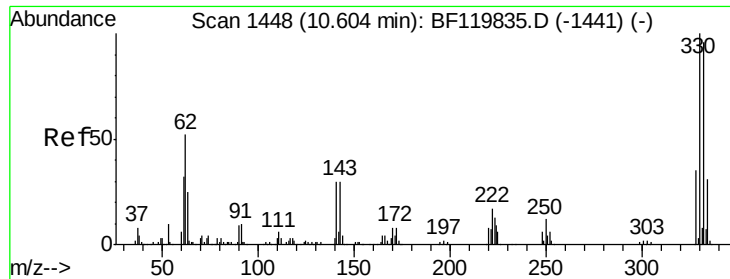
Tot Ion: 82 Resp: 1015428
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120143.D
Acq: 22 Apr 2020 20:42

Tgt Ion:164 Resp: 301983
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.1 35.7 53.5

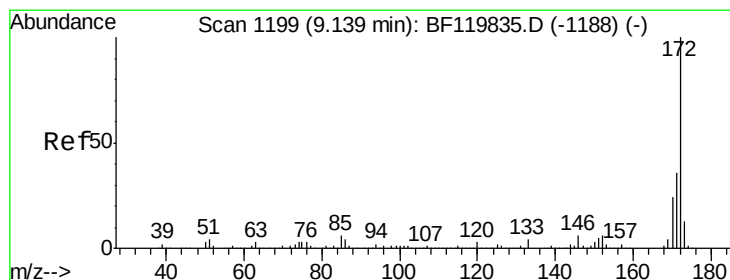
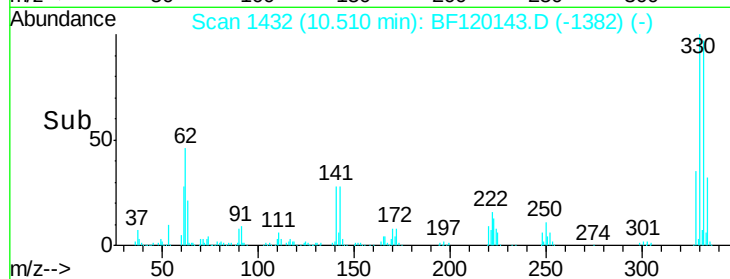
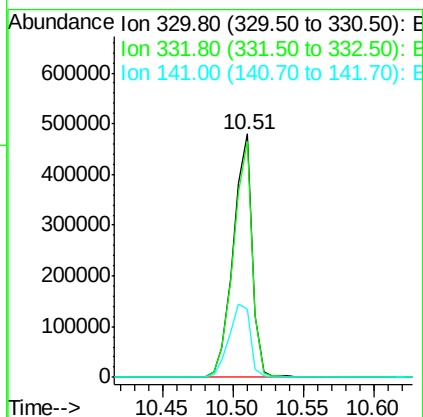
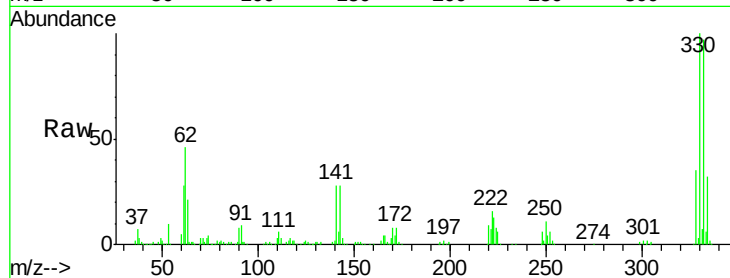




#42
 2,4,6-Tribromophenol
 Concen: 121.788 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

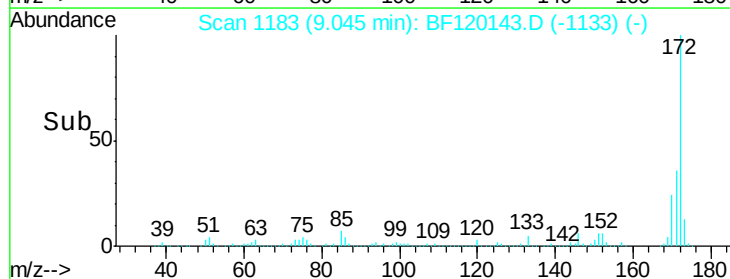
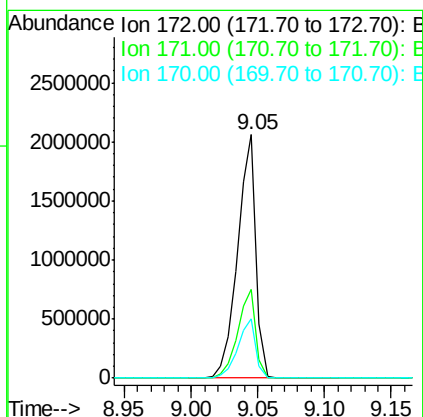
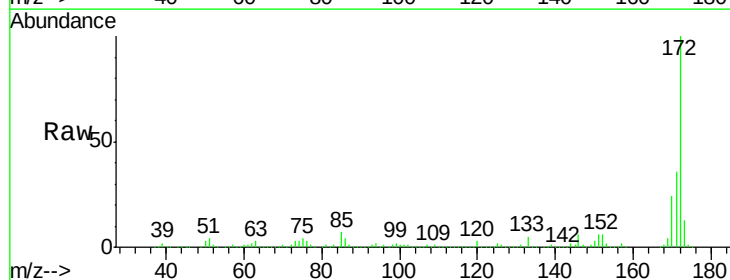
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

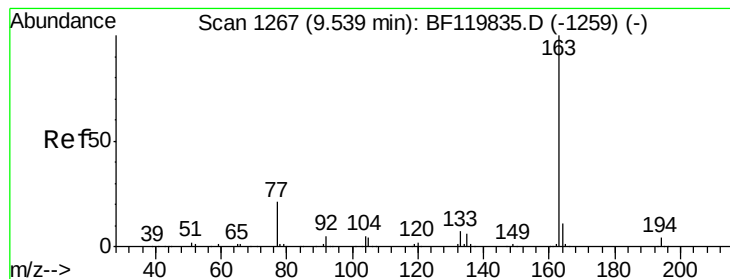
Tot Ion:330 Resp: 450286
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 33.9 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 92.351 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:172 Resp: 1964278
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 20.2 30.2





#50

Dimethylphthalate

Concen: 2.935 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.26 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Instrument :

BNA_F

ClientSampleId :

TP-4-COMP

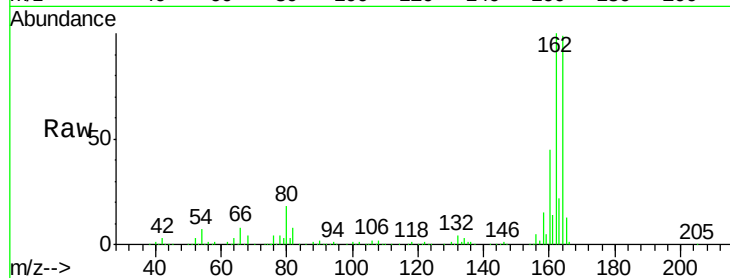
Tot Ion:163 Resp: 68546

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

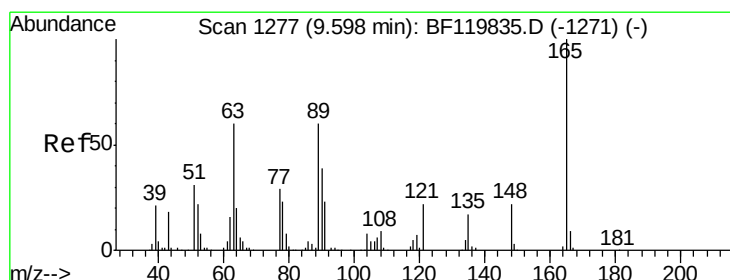
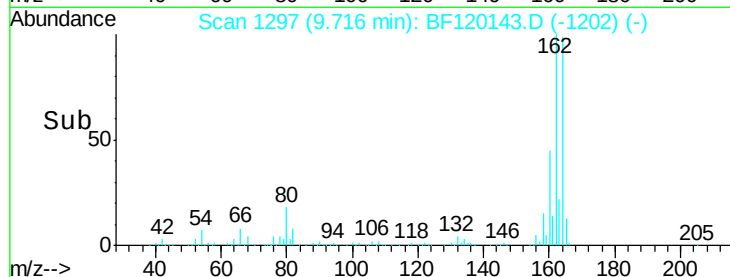
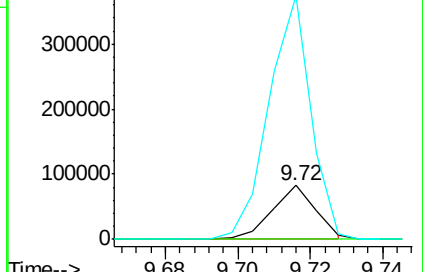
164 453.3 8.2 12.2#



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: 7.588 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

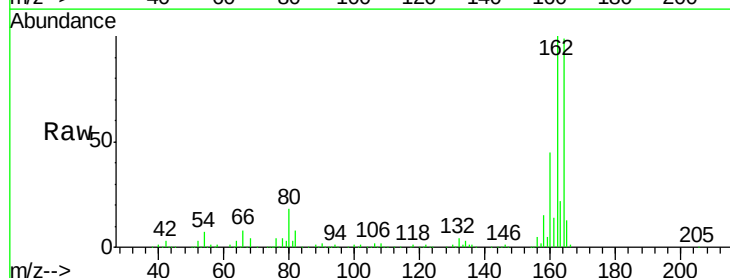
Tgt Ion:165 Resp: 38811

Ion Ratio Lower Upper

165 100

63 1.1 45.0 67.4#

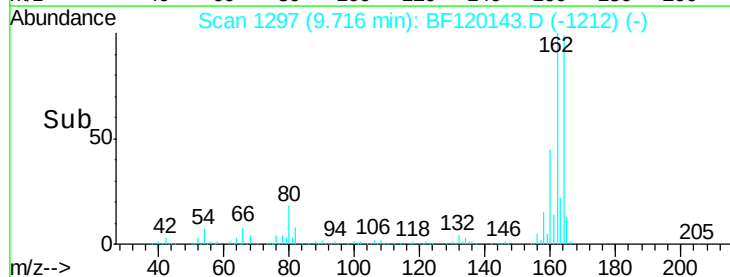
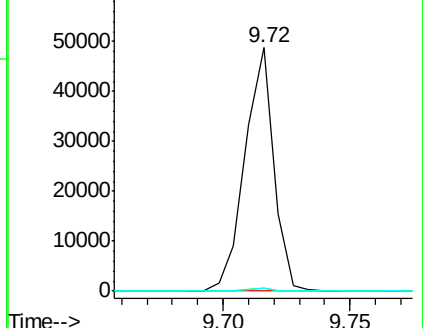
89 1.1 41.5 62.3#

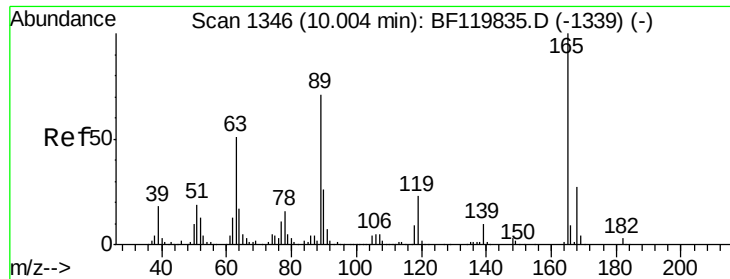


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

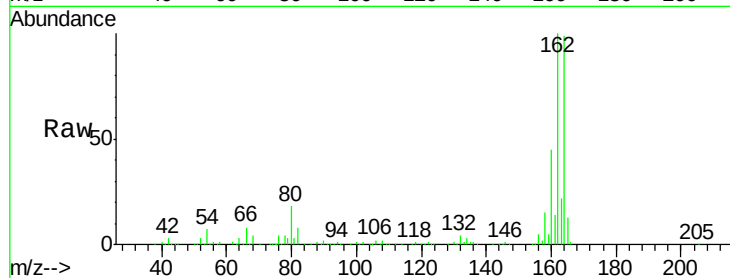




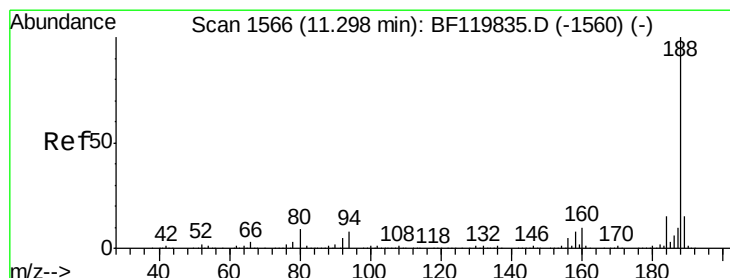
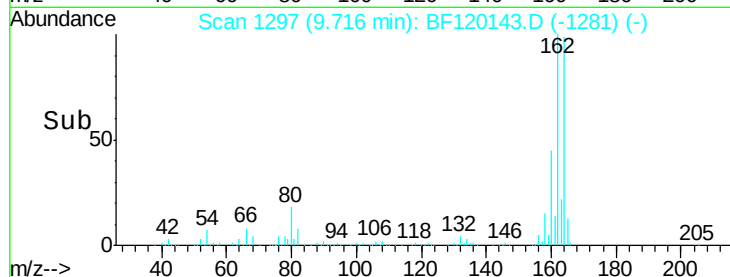
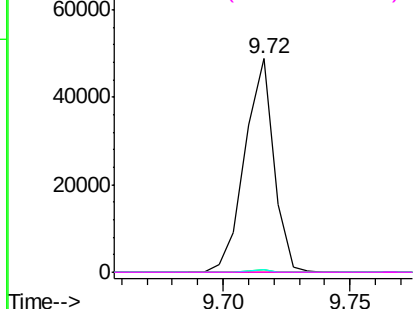
#57
 2,4-Dinitrotoluene
 Concen: 5.759 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Tot Ion:165 Resp: 38811
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.6 64.0#
 89 1.1 61.0 91.4#
 182 0.0 2.2 3.2#

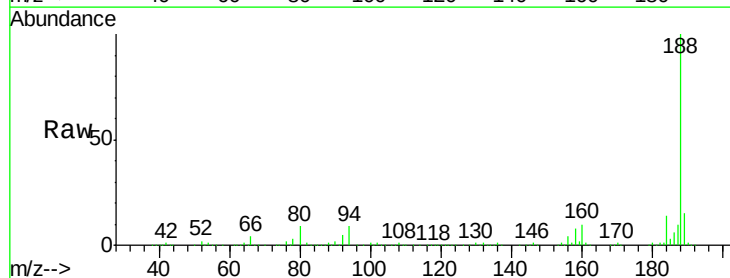


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

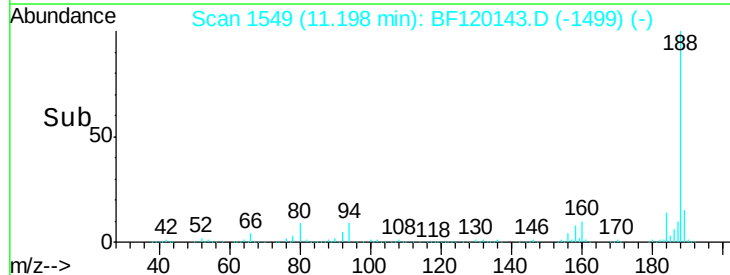
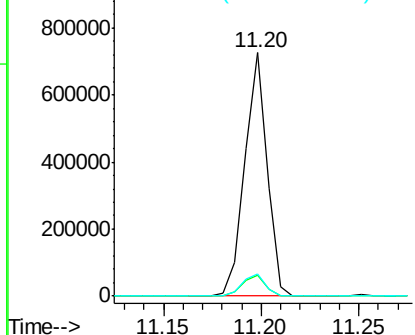


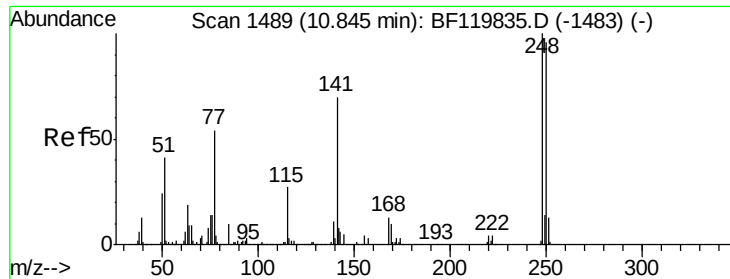
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:188 Resp: 575209
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 9.1 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

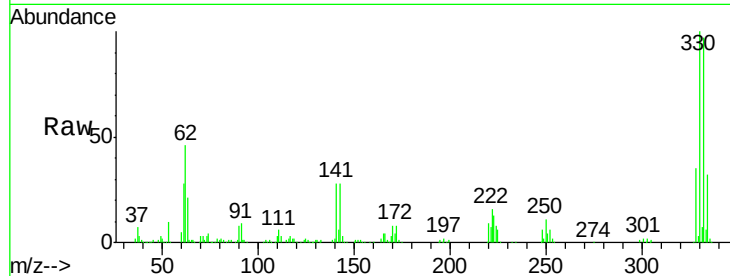




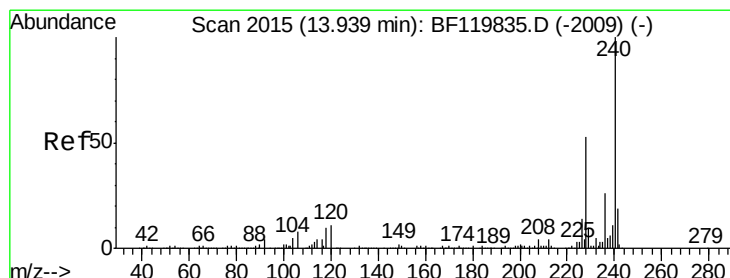
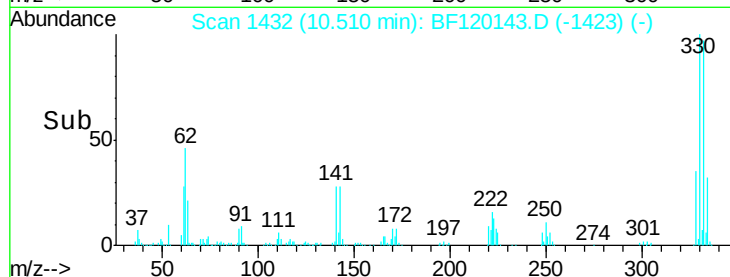
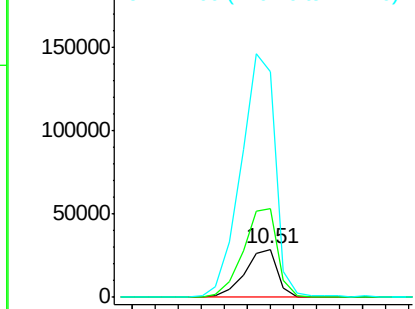
#67
 4-Bromophenyl-phenylether
 Concen: 3.972 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Tot Ion:248 Resp: 28415
 Ion Ratio Lower Upper
 248 100
 250 185.1 77.3 115.9#
 141 467.4 58.6 87.8#

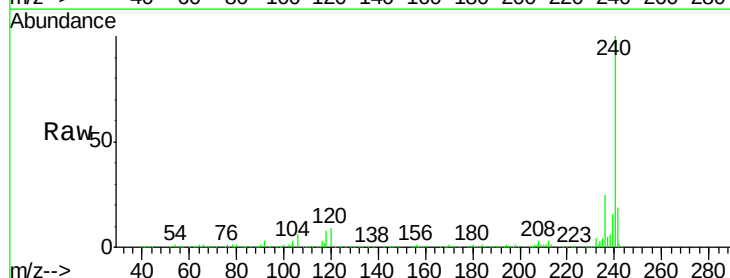


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

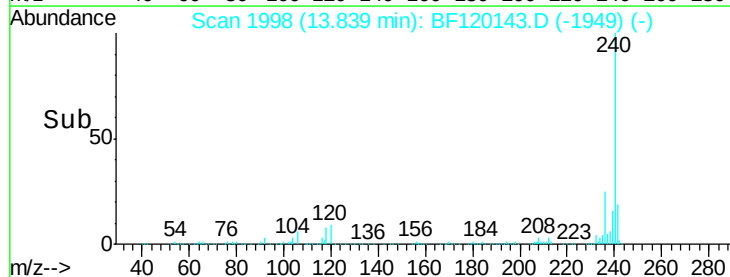
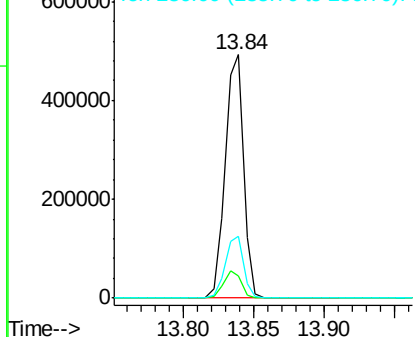


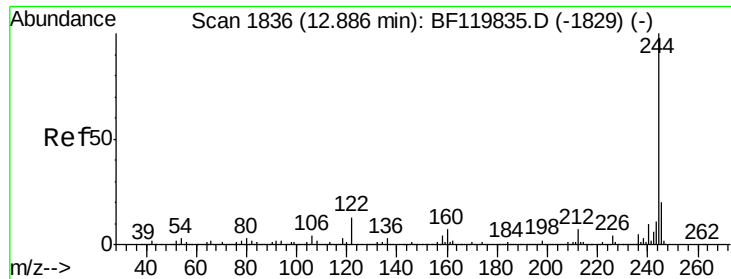
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF120143.D
 Acq: 22 Apr 2020 20:42

Tgt Ion:240 Resp: 446558
 Ion Ratio Lower Upper
 240 100
 120 9.2 10.6 15.8#
 236 25.3 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: 87.473 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

Instrument :

BNA_F

ClientSampleId :

TP-4-COMP

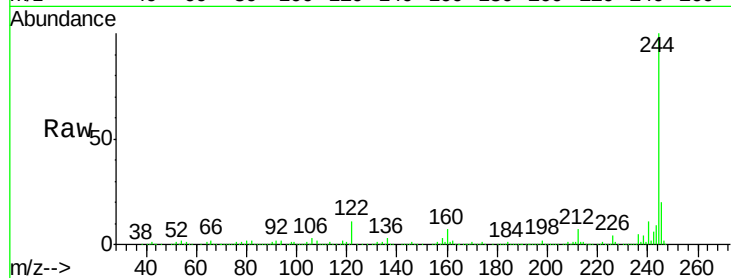
Tot Ion:244 Resp: 2321451

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

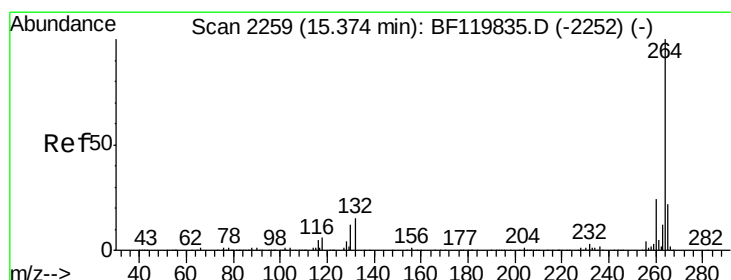
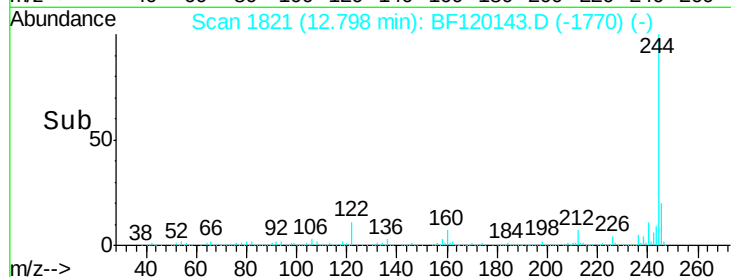
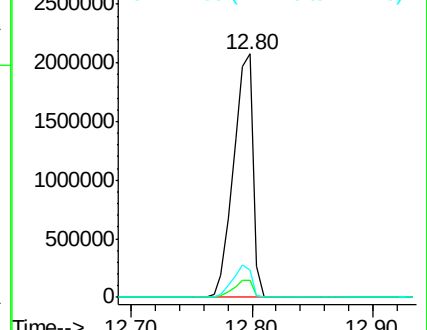
122 11.1 10.3 15.5



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120143.D

Acq: 22 Apr 2020 20:42

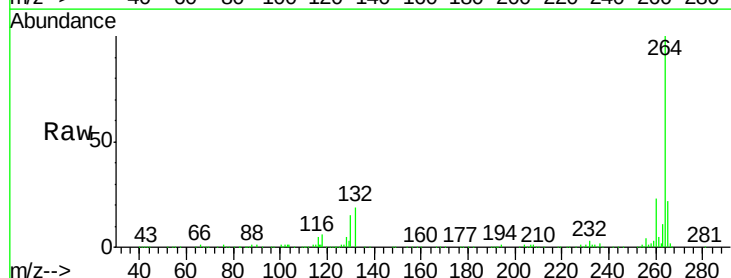
Tgt Ion:264 Resp: 361963

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.6 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

