

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117983.D
 Acq On : 25 Nov 2019 23:20
 Operator : JU
 Sample : K5972-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:54:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167088	20.00	ng	-0.04
21) Naphthalene-d8	8.17	136	681969	20.00	ng	-0.04
39) Acenaphthene-d10	9.94	164	369285	20.00	ng	-0.04
64) Phenanthrene-d10	11.43	188	648320	20.00	ng	-0.04
76) Chrysene-d12	14.08	240	413247	20.00	ng	-0.04
87) Perylene-d12	15.57	264	347309	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	861899	91.31	ng	-0.02
7) Phenol-d6	6.52	99	1110606	97.55	ng	-0.03
23) Nitrobenzene-d5	7.45	82	699049	60.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.73	330	378977	96.94	ng	-0.04
45) 2-Fluorobiphenyl	9.26	172	1388518	67.46	ng	-0.04
79) Terphenyl-d14	13.02	244	1411875	62.44	ng	-0.04

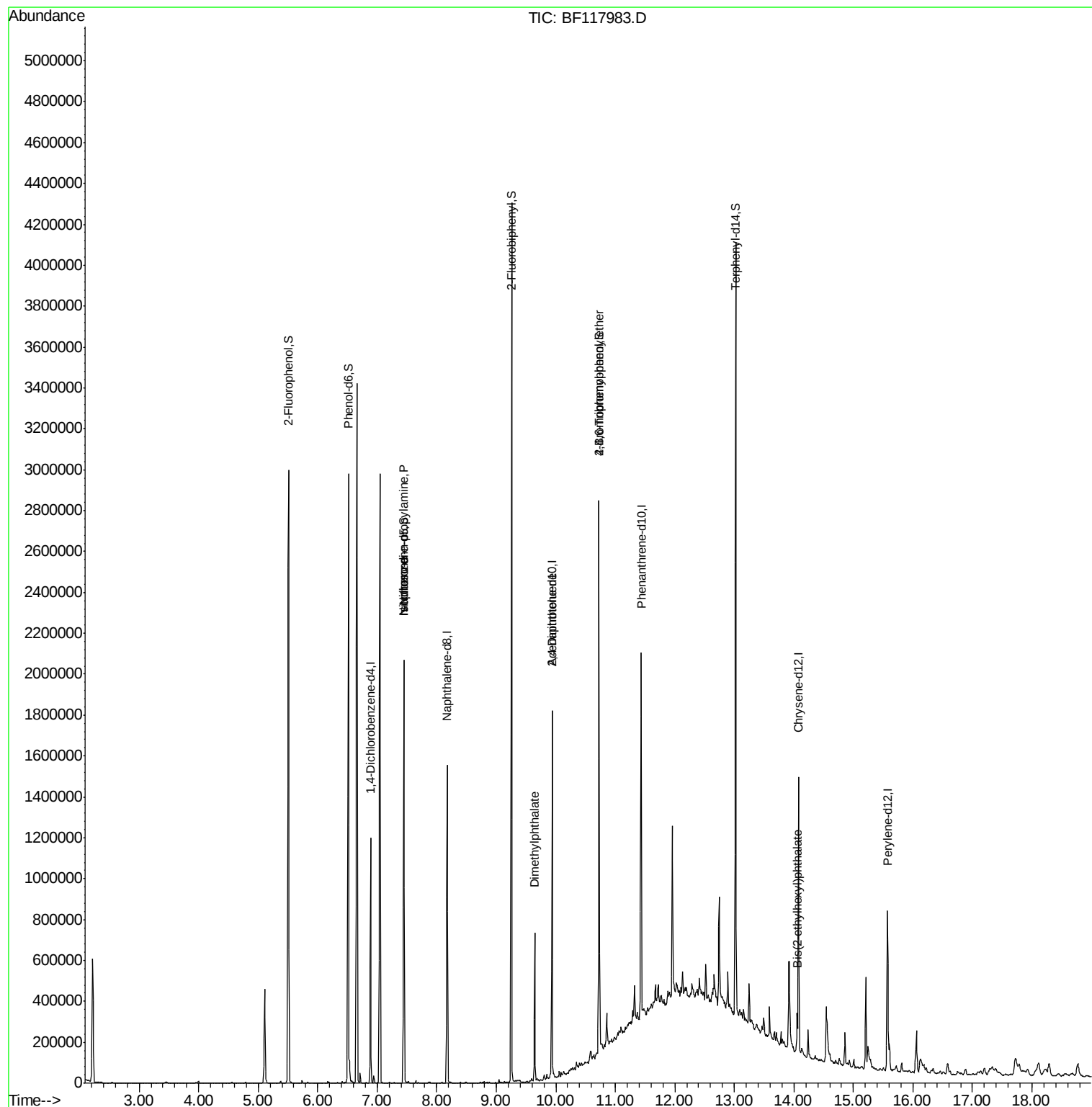
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	2422	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.45	70	94891	13.510	ng	# 74
25) Isophorone	7.45	82	689010	32.768	ng	# 62
50) Dimethylphthalate	9.65	163	276959	10.695	ng	# 98
57) 2,4-Dinitrotoluene	9.94	165	48758	6.773	ng	# 24
67) 4-Bromophenyl-phenylether	10.73	248	23536	3.365	ng	# 1
75) Fluoranthene	12.65	202	10399	Below Cal		# 94
84) Bis(2-ethylhexyl)phthalate	14.06	149	58737	3.378	ng	# 95

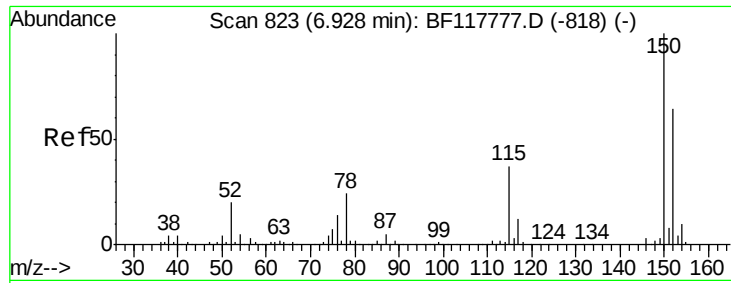
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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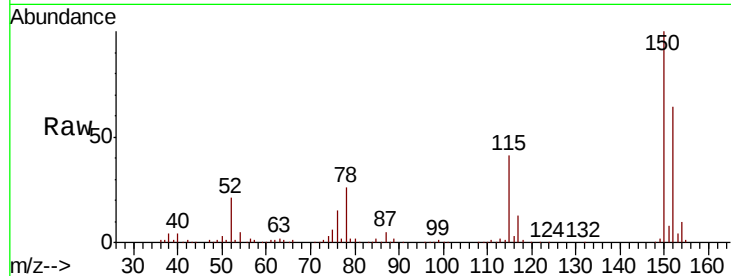


#1

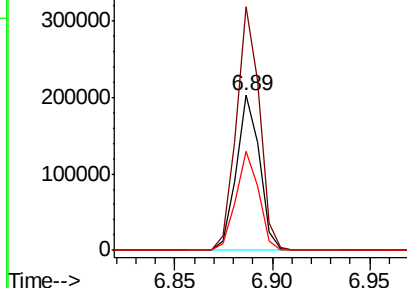
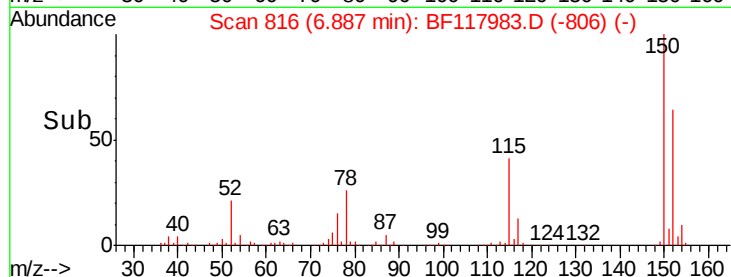
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 167088
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 64.1 47.0 70.4



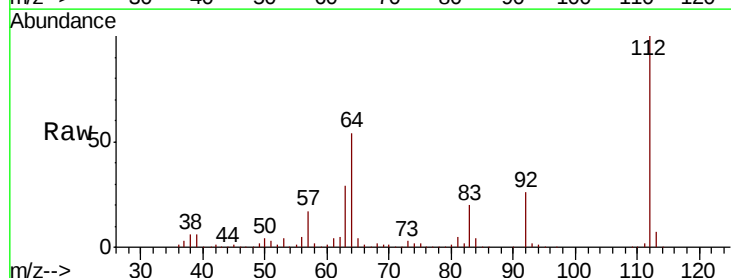
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



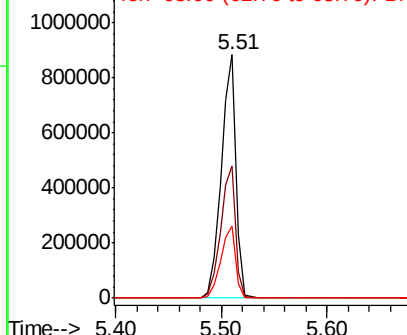
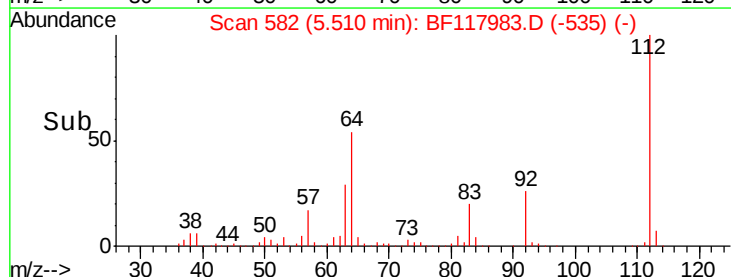
#5

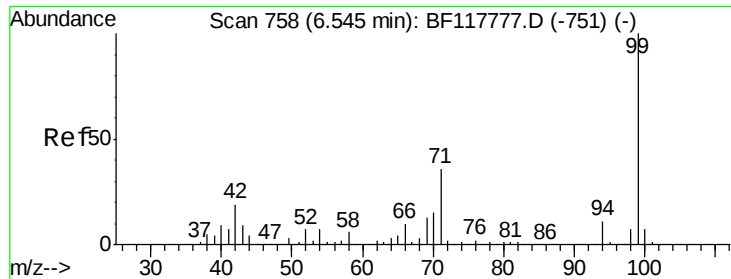
2-Fluorophenol
 Concen: 91.308 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Tgt Ion:112 Resp: 861899
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.6 68.4
 63 29.5 24.1 36.1



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: 97.546 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

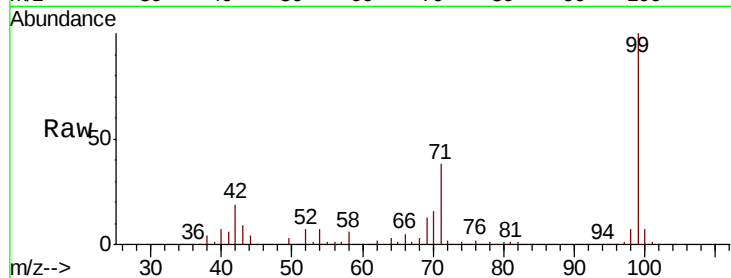
Tot Ion: 99 Resp: 1110606

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

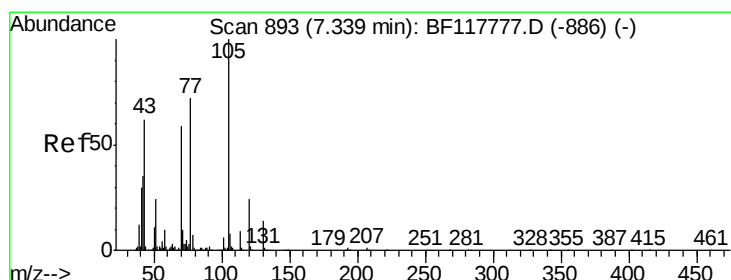
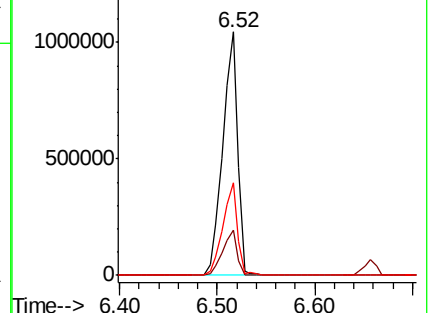
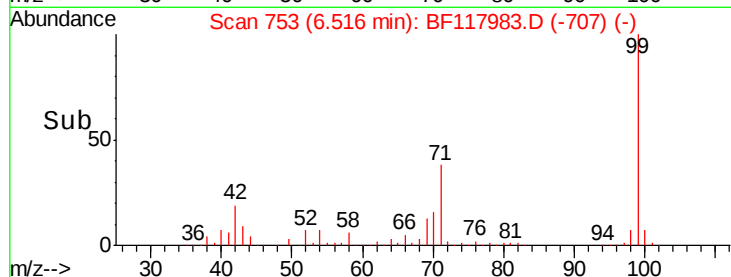
71 38.1 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.510 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.11 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Tgt Ion: 70 Resp: 94891

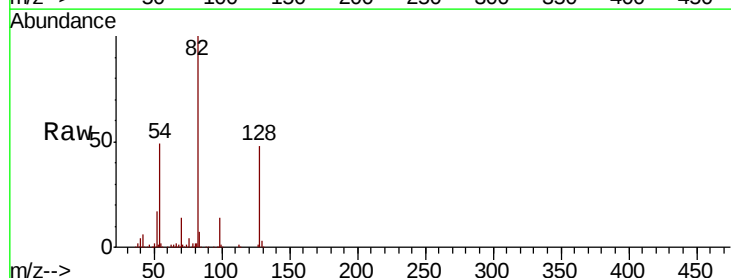
Ion Ratio Lower Upper

70 100

42 45.7 47.4 71.2#

101 0.0 8.4 12.6#

130 2.1 18.8 28.2#

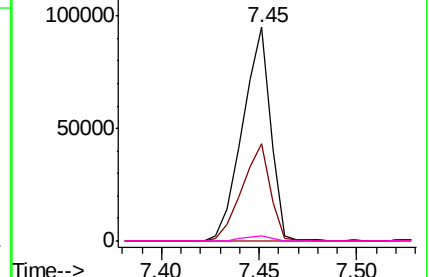
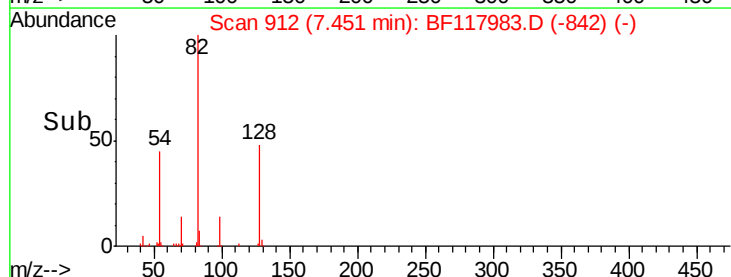


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

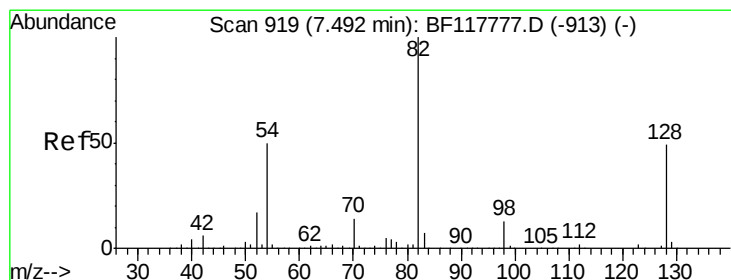
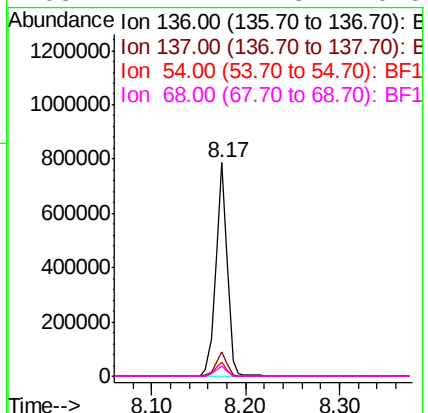
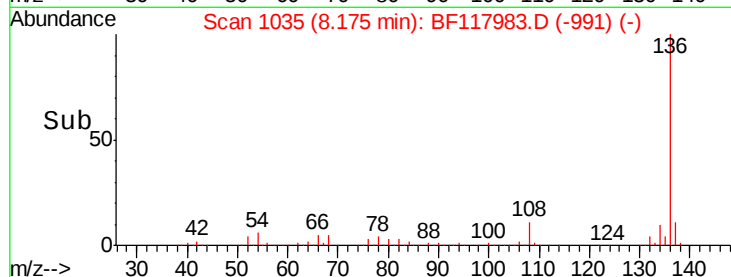
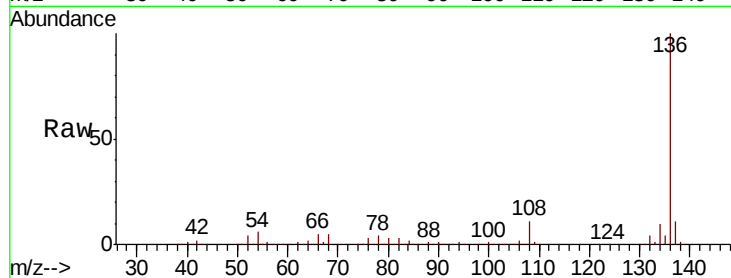




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

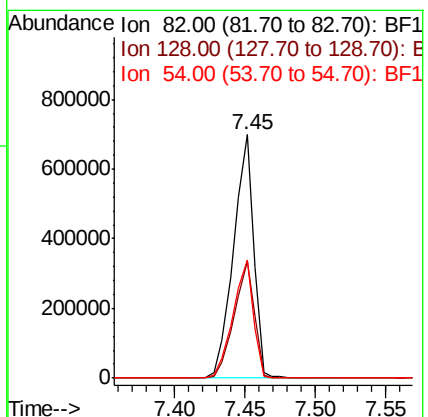
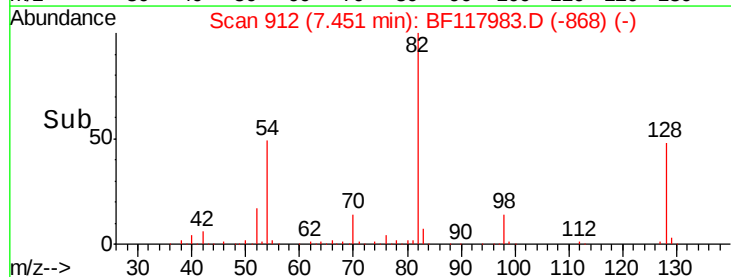
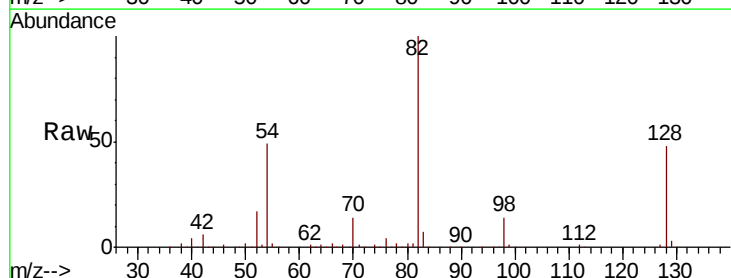
Instrument :
BNA_F
ClientSampleId :

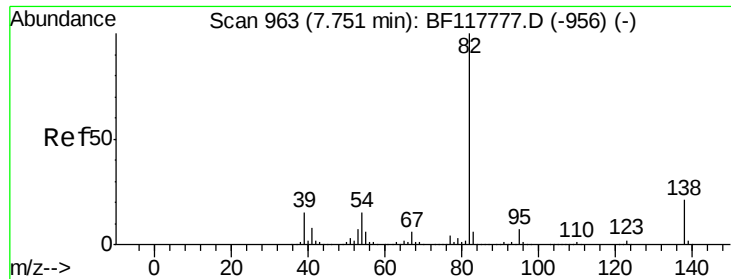
Tot Ion:136	Resp:	681969
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	6.4	5.4 8.2
68	4.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 60.935 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.04 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion: 82	Resp:	699049
Ion Ratio	Lower	Upper
82	100	
128	48.2	38.9 58.3
54	48.7	39.8 59.6





#25

Isophorone

Concen: 32.768 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.30 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

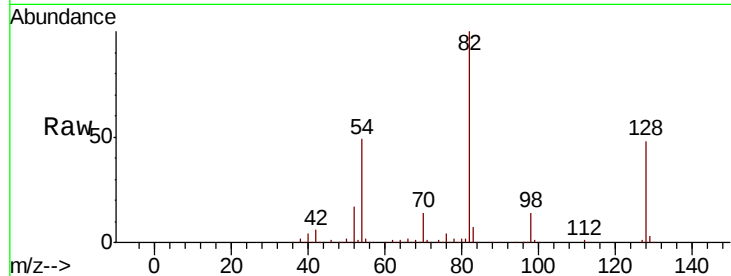
Tot Ion: 82 Resp: 689010

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

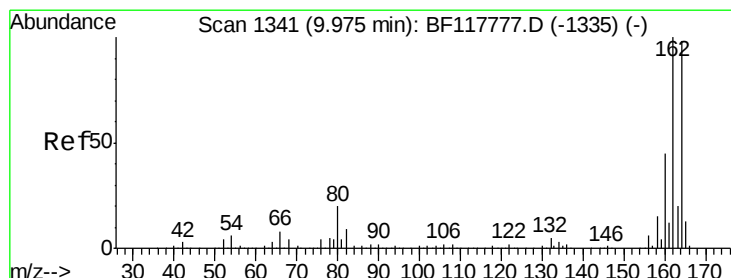
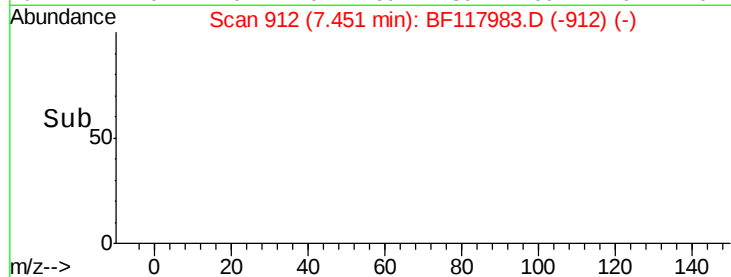
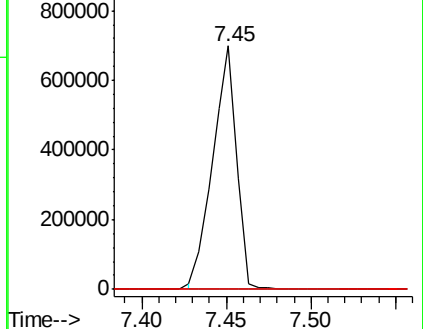
138 0.0 16.5 24.7#



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: 9.94 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

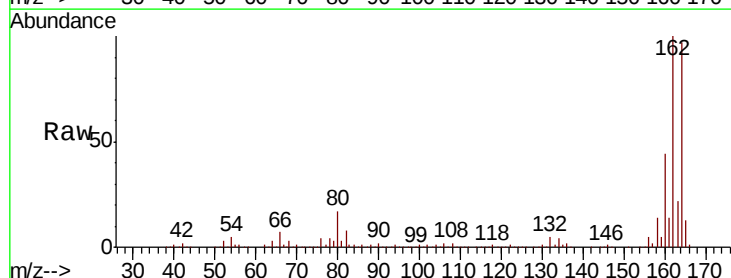
Tgt Ion:164 Resp: 369285

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

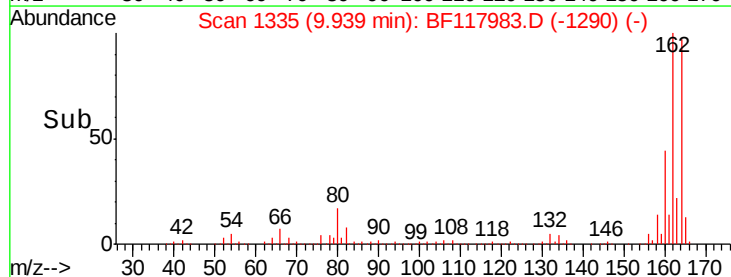
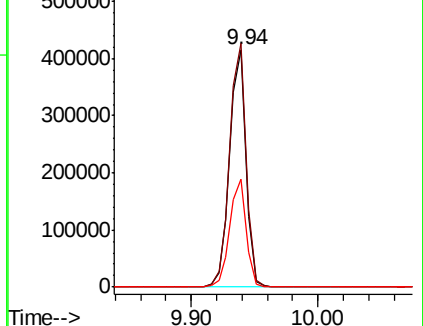
160 45.5 36.6 55.0



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

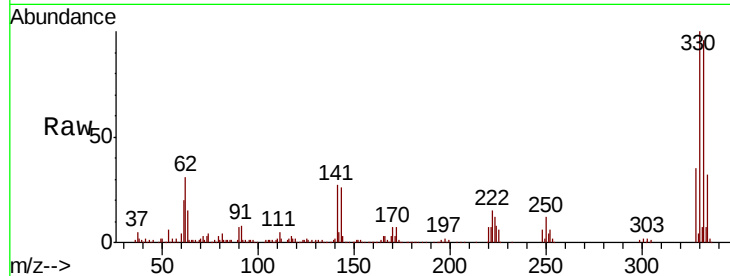




#42
 2,4,6-Tribromophenol
 Concen: 96.935 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	34.0	27.7	41.5

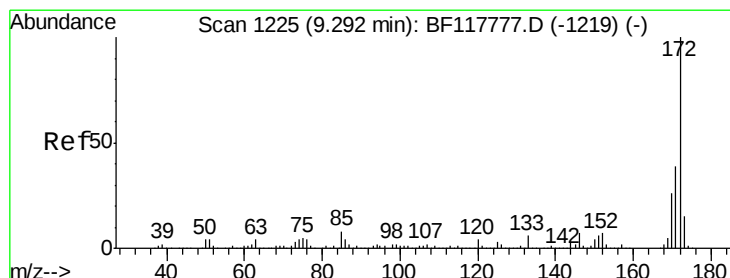
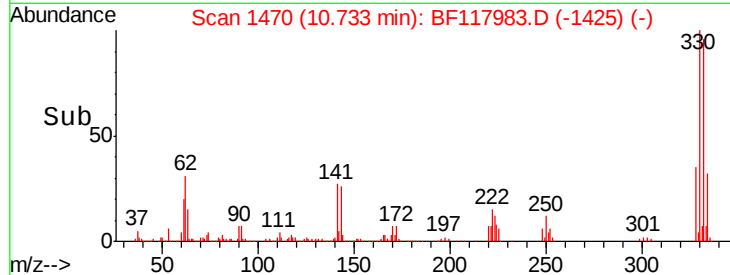
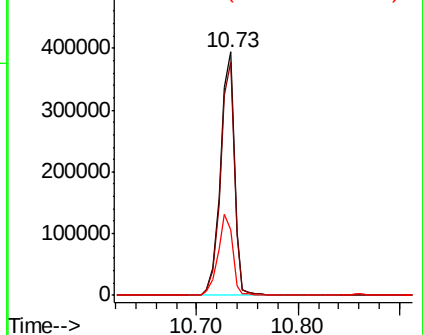


Abundance

Ion 329.80 (329.50 to 330.50): E

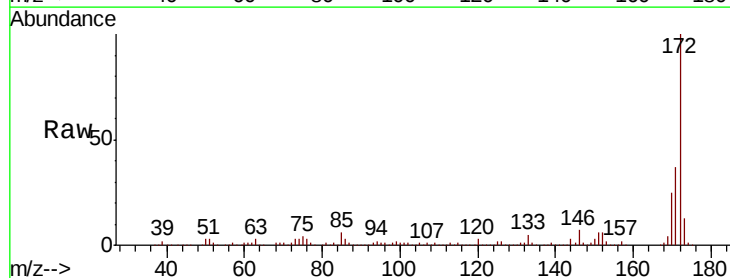
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.456 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.04 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.7	21.0	31.4

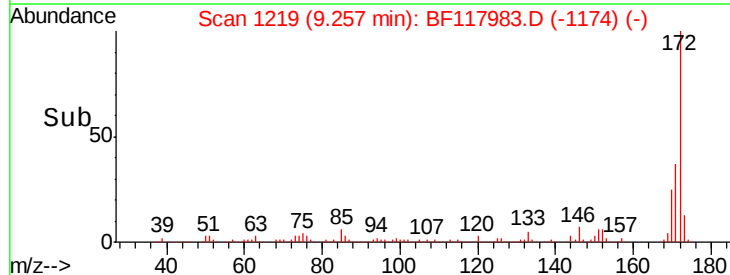
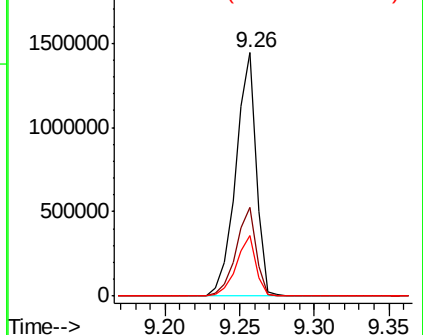


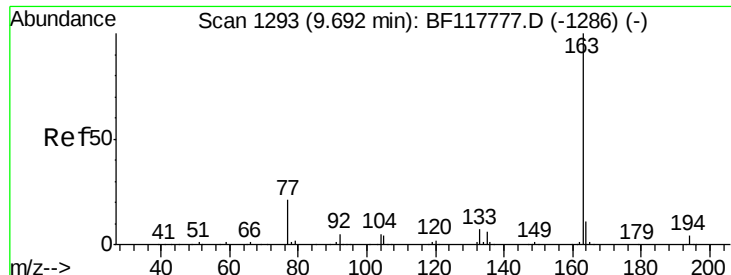
Abundance

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

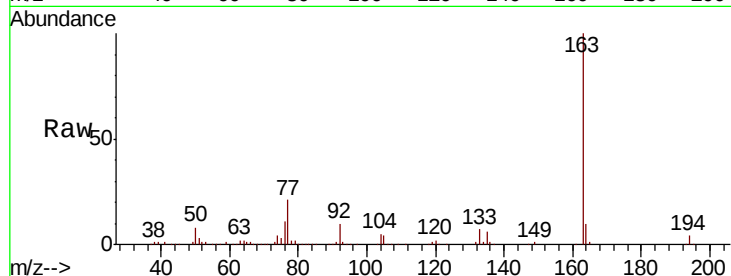




#50
Dimethylphthalate
Concen: 10.695 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.7	13.1

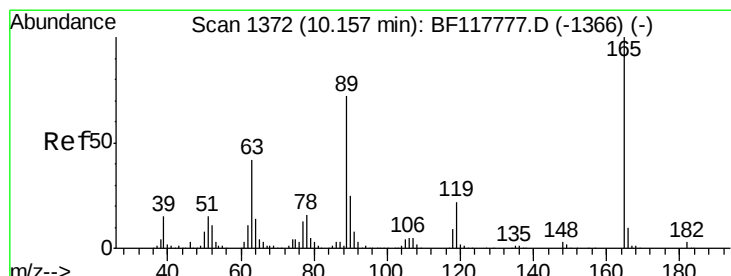
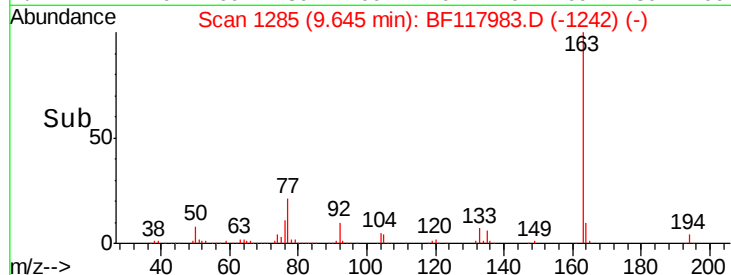
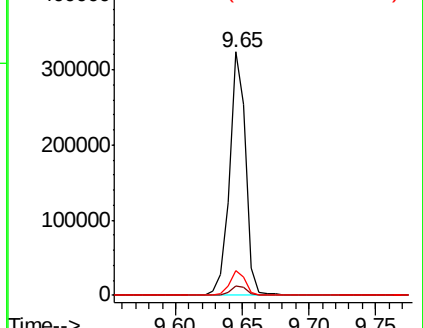


Abundance

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



#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.22 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#

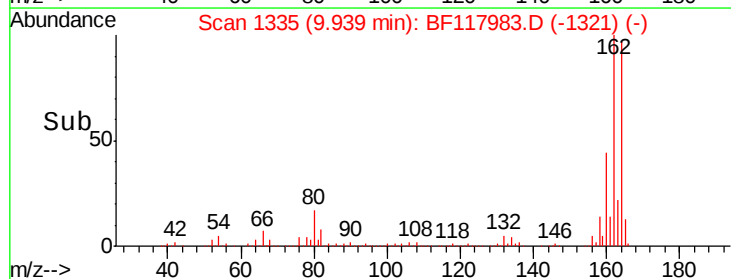
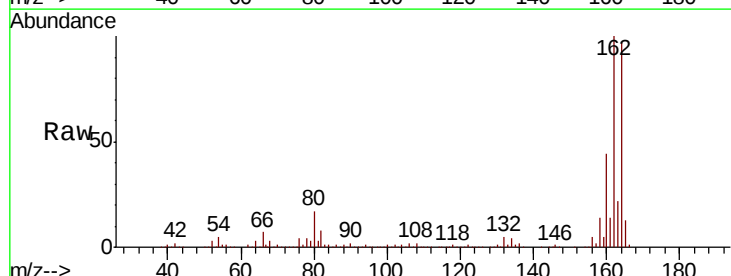
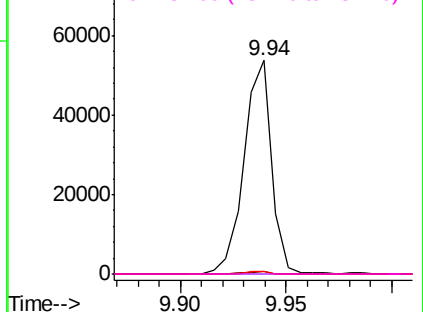
Abundance

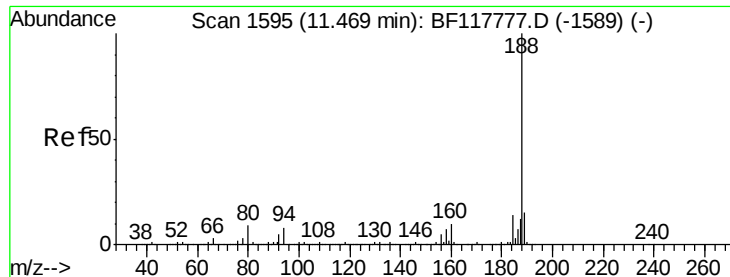
Ion 165.00 (164.70 to 165.70): E

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: 11.43 min Scan# 1589

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampled :

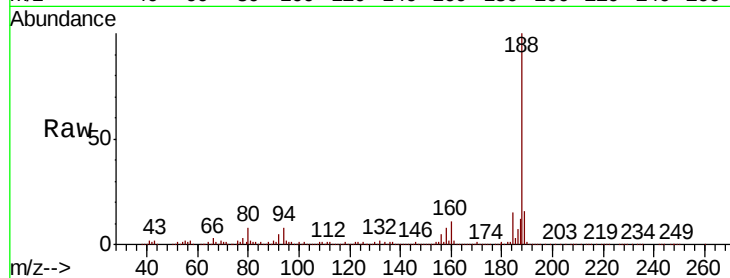
Tot Ion:188 Resp: 648320

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

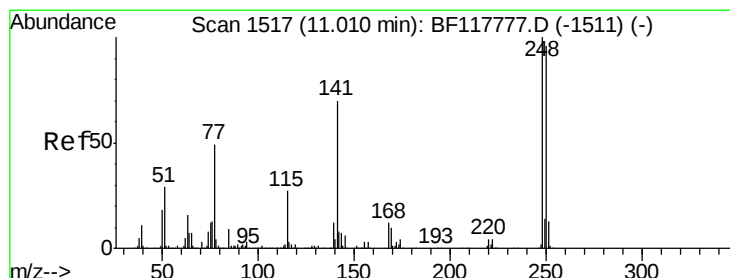
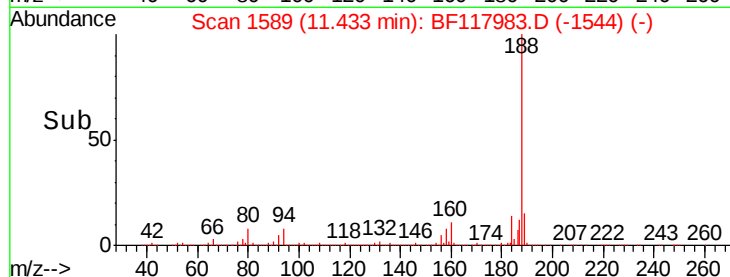
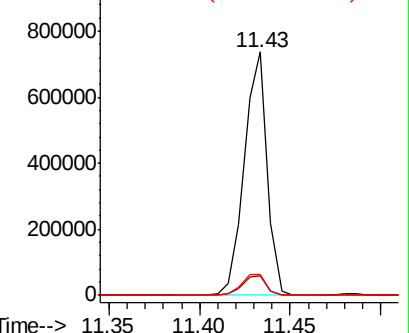
80 8.4 7.2 10.8



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: 3.365 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.28 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

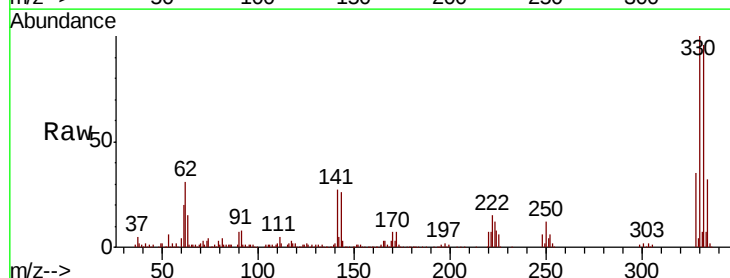
Tgt Ion:248 Resp: 23536

Ion Ratio Lower Upper

248 100

250 202.9 76.6 115.0#

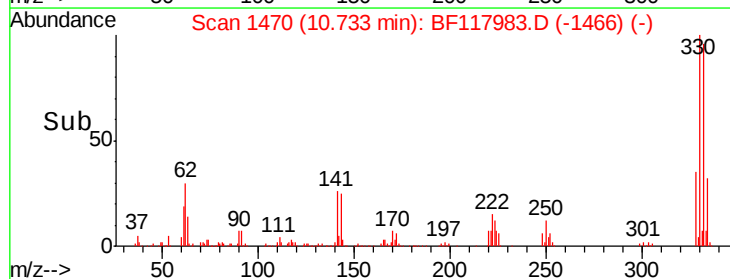
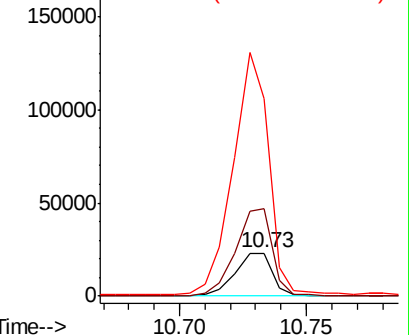
141 458.8 55.9 83.9#

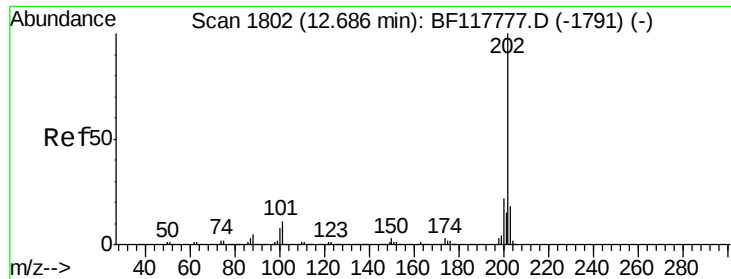


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 1795

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

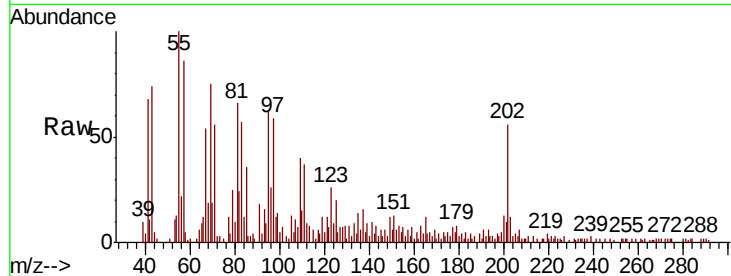
Tot Ion:202 Resp: 10399

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

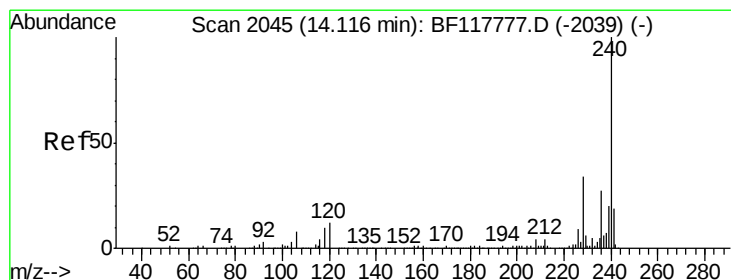
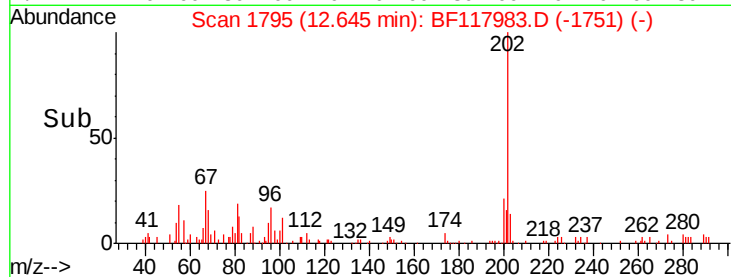
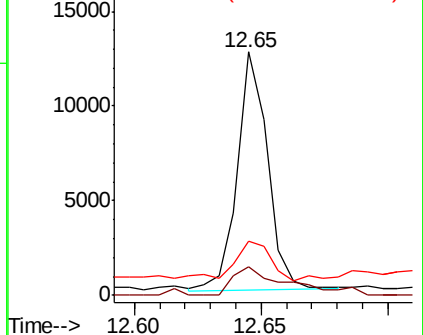
203 22.2 0.0 38.2



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: 14.08 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

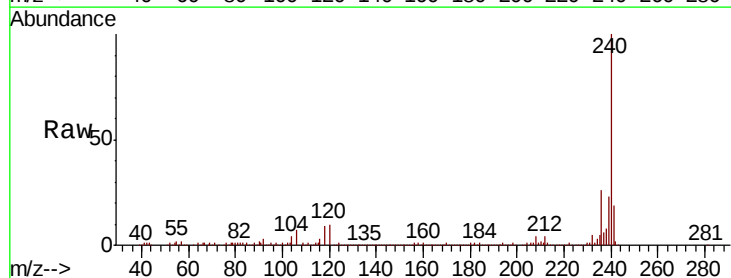
Tgt Ion:240 Resp: 413247

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

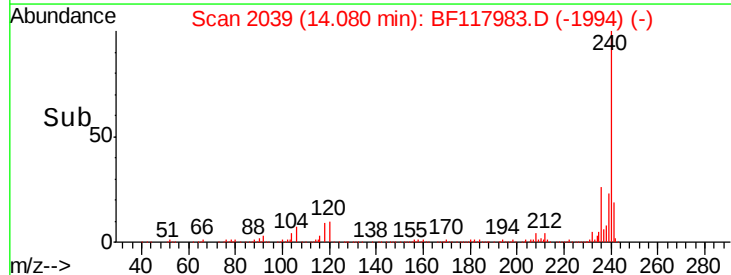
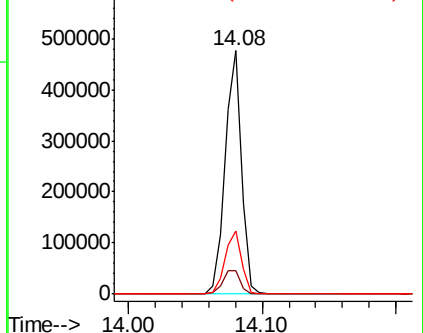
236 25.9 21.3 31.9

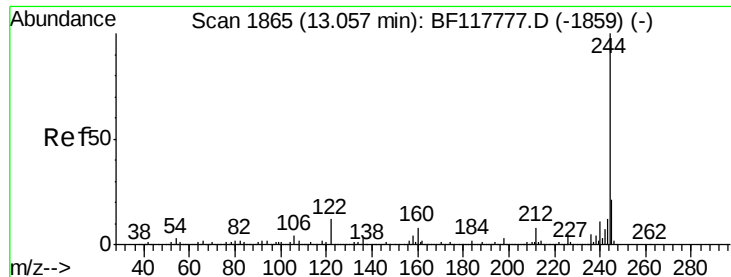


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.441 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

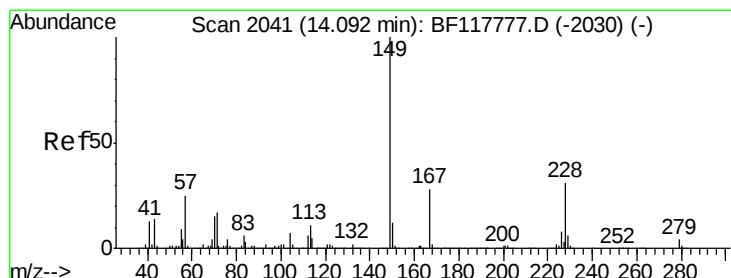
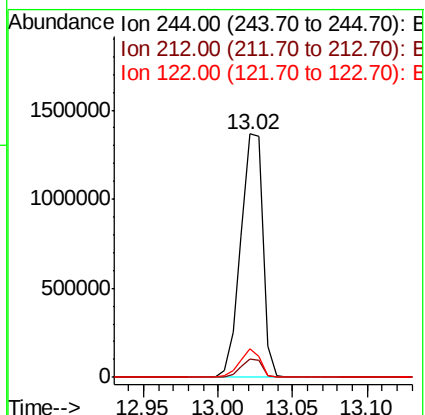
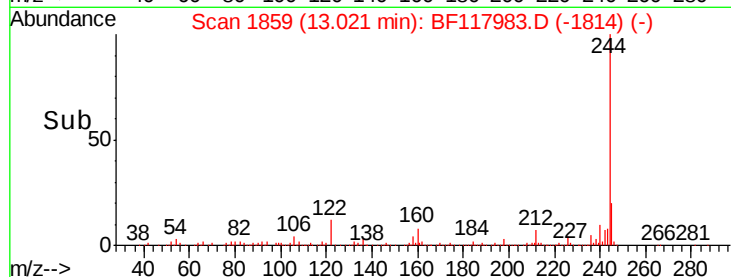
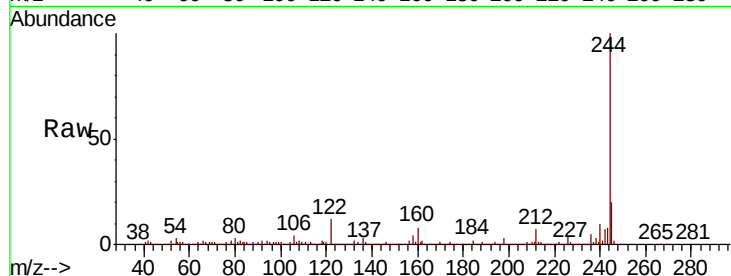
Tot Ion:244 Resp: 1411875

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 11.8 9.4 14.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.378 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

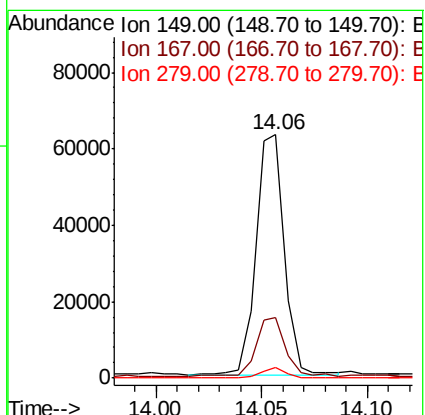
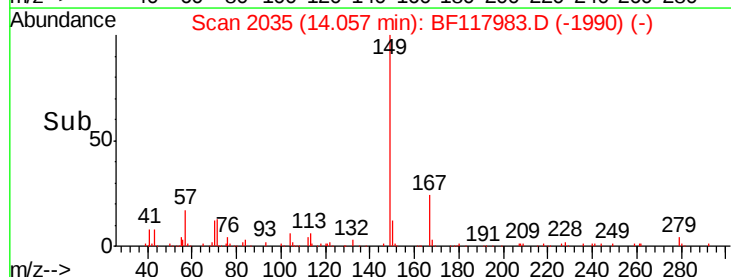
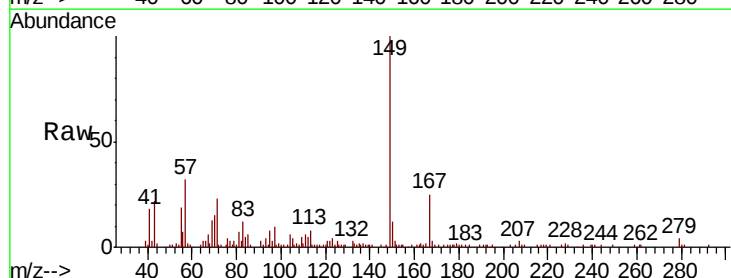
Tgt Ion:149 Resp: 58737

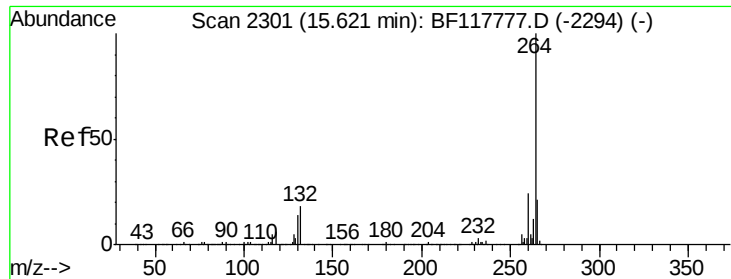
Ion Ratio Lower Upper

149 100

167 24.9 22.2 33.2

279 4.3 3.4 5.2

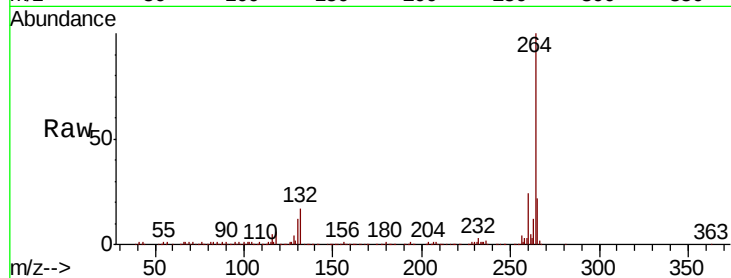




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.05 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.1	25.7



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

