

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118044.D
 Acq On : 27 Nov 2019 16:47
 Operator : JU
 Sample : K5940-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 17:15:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

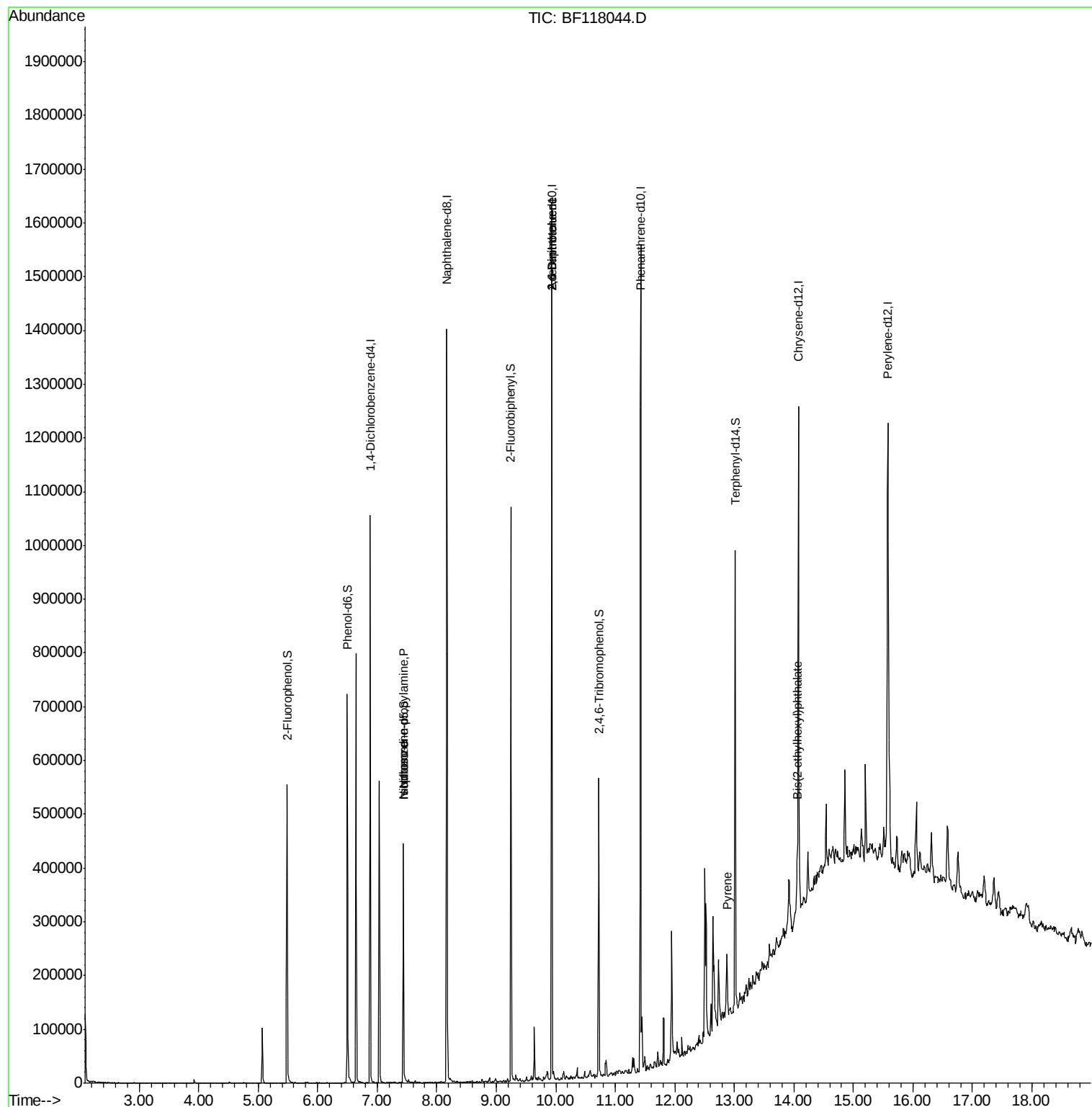
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142417	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	571110	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	296831	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	536600	20.00	ng	0.00
76) Chrysene-d12	14.07	240	309858	20.00	ng	-0.01
87) Perylene-d12	15.58	264	374074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	163088	20.27	ng	-0.01
7) Phenol-d6	6.50	99	216814	22.34	ng	-0.02
23) Nitrobenzene-d5	7.44	82	124543	12.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	63858	20.32	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	287553	17.38	ng	-0.02
79) Terphenyl-d14	13.02	244	296972	17.52	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	172	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	17222	2.877 ng	#	76
25) Isophorone	7.44	82	124542	7.073 ng	#	62
51) 2,6-Dinitrotoluene	9.93	165	37607	8.267 ng	#	23
57) 2,4-Dinitrotoluene	9.93	165	37607	6.499 ng	#	25
75) Fluoranthene	12.64	202	52822	Below Cal		97
78) Pyrene	12.87	202	50863	2.031 ng		96
84) Bis(2-ethylhexyl)phthalate	14.05	149	35734	2.741 ng		99

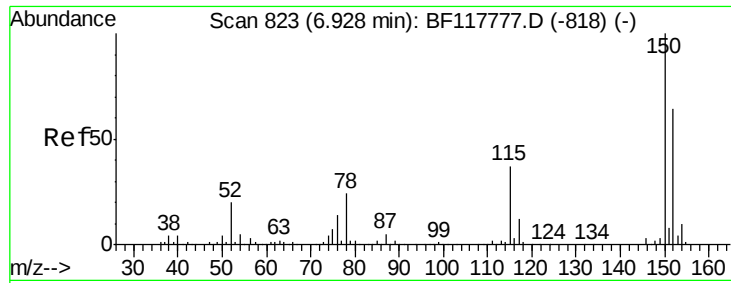
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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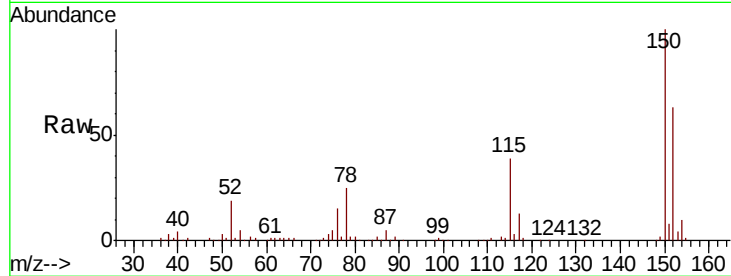


#1

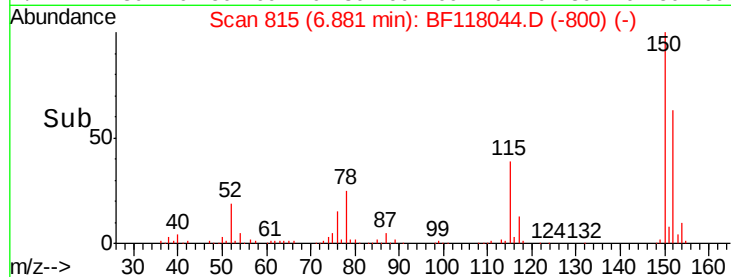
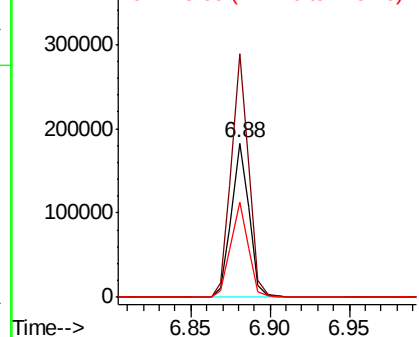
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142417
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 62.1 47.0 70.4



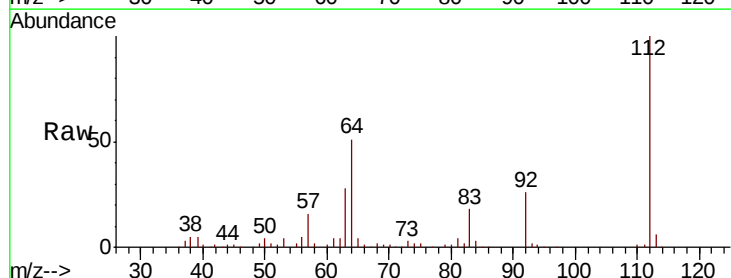
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



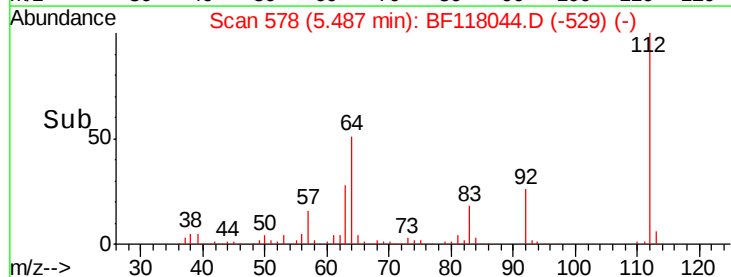
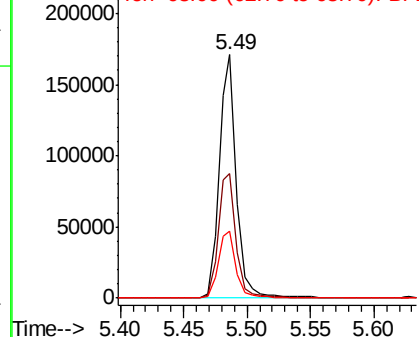
#5

2-Fluorophenol
Concen: 20.270 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

Tgt Ion:112 Resp: 163088
Ion Ratio Lower Upper
112 100
64 51.1 45.6 68.4
63 27.7 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: 22.342 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

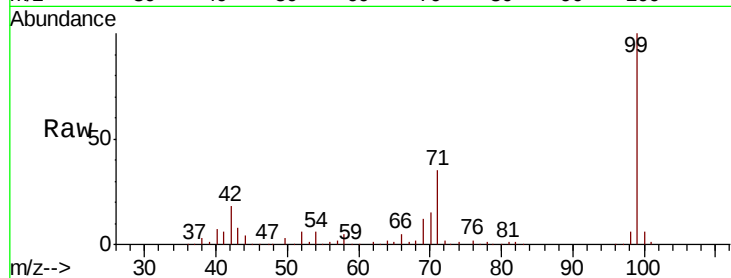
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 216814

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	35.4	28.6	43.0

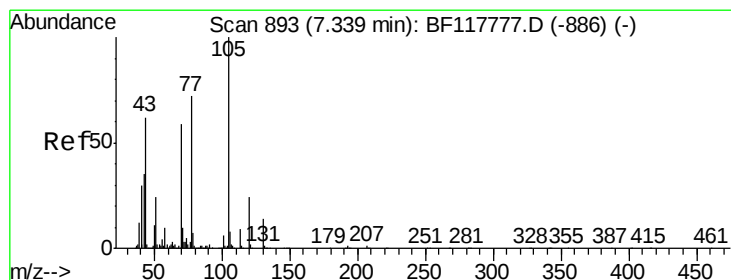
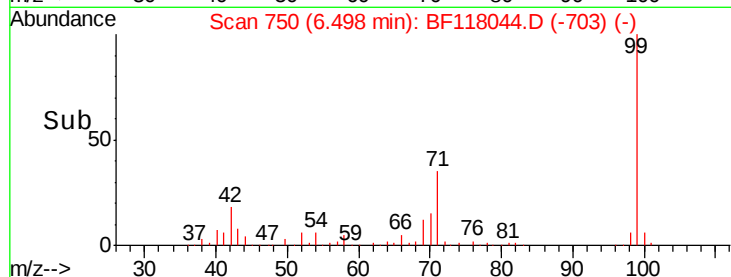
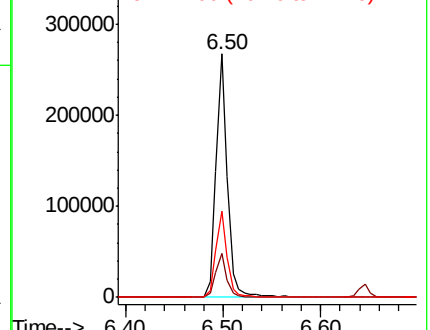


Abundance

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: 2.877 ng

RT: 7.44 min Scan# 910

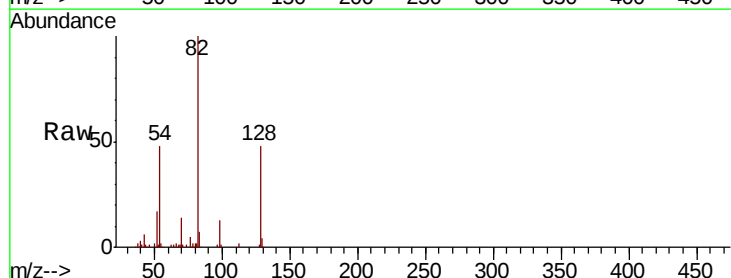
Delta R.T. 0.13 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

Tgt Ion: 70 Resp: 17222

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



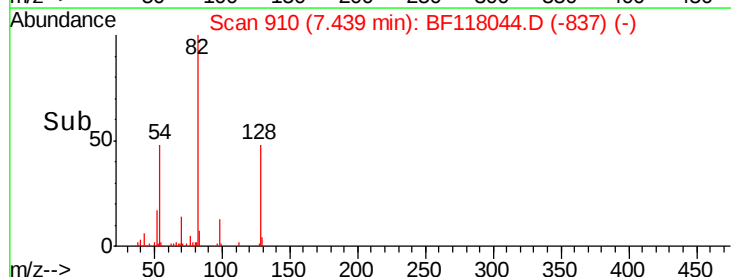
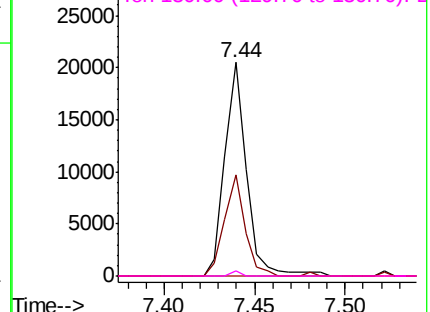
Abundance

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

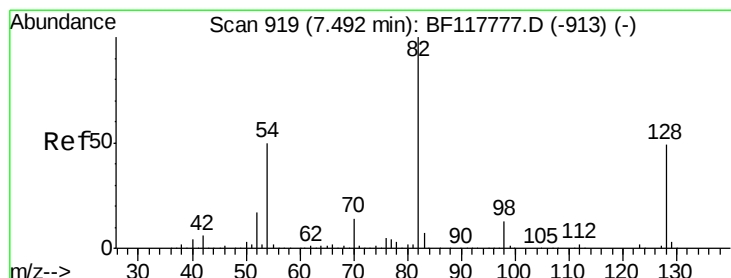
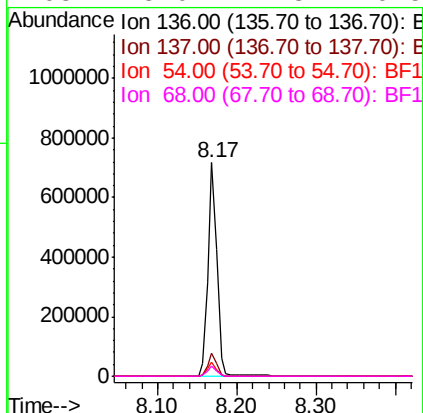
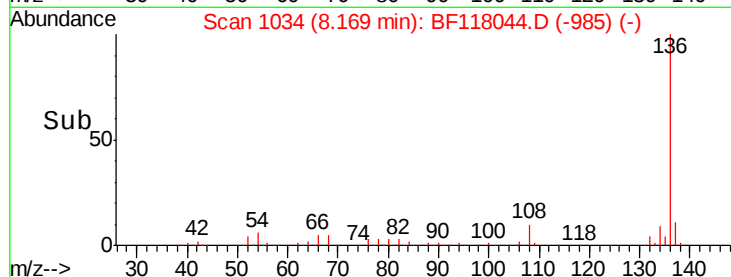
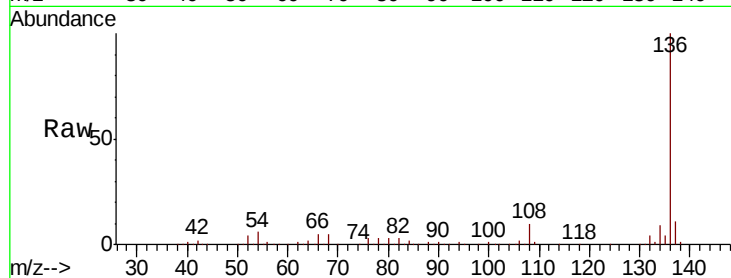




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

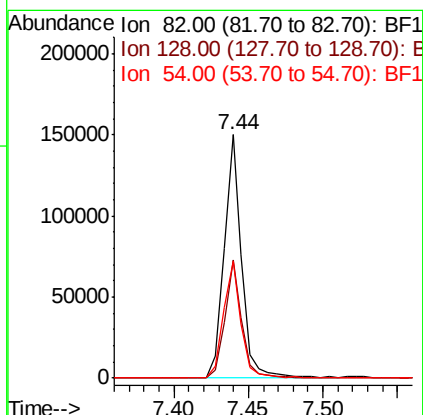
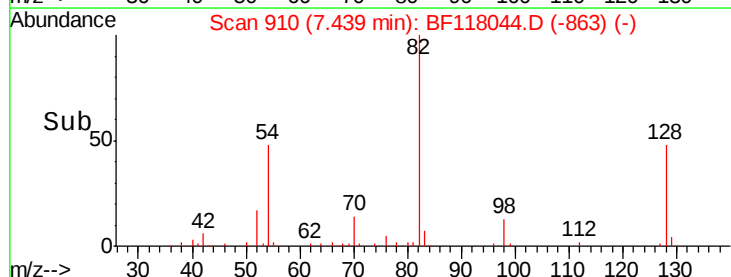
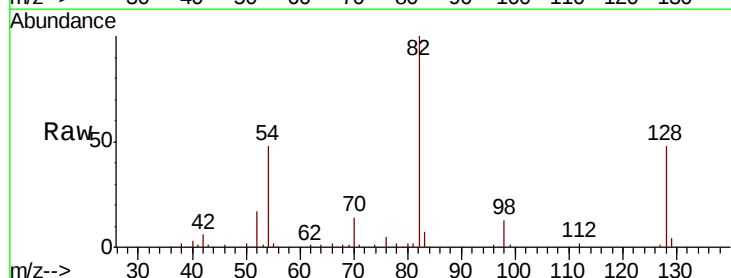
Instrument :
BNA_F
ClientSampled :

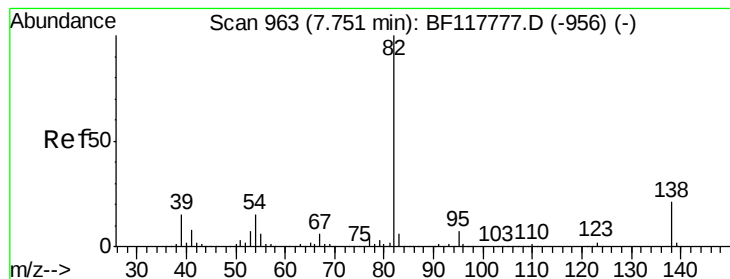
Tot Ion:136 Resp: 571110
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.4 5.4 8.2
68 5.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 12.963 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

Tgt Ion: 82 Resp: 124543
Ion Ratio Lower Upper
82 100
128 48.4 38.9 58.3
54 48.1 39.8 59.6





#25

Isophorone

Concen: 7.073 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.28 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

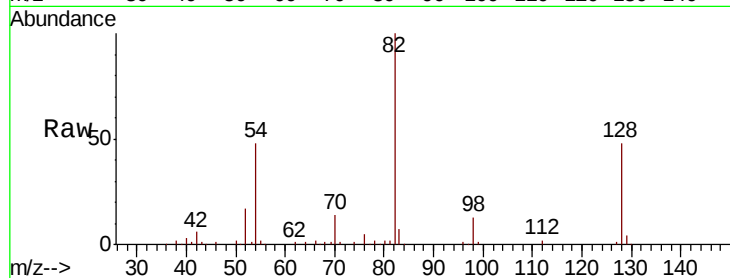
Tot Ion: 82 Resp: 124542

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

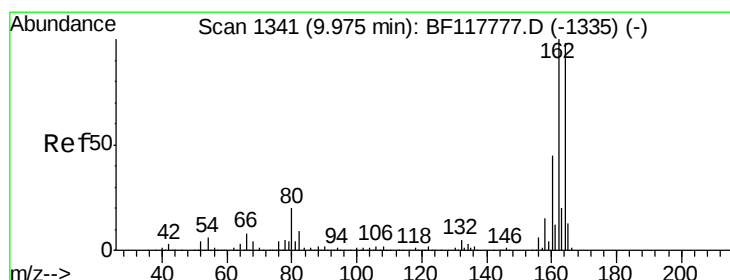
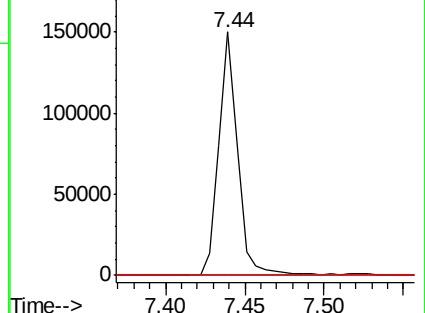
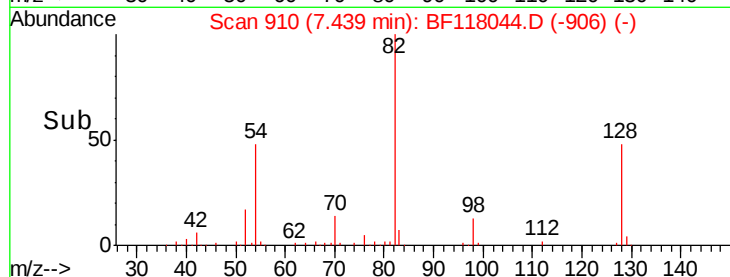
138 0.0 16.5 24.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

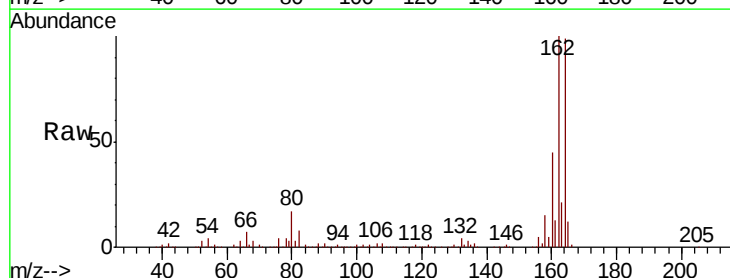
Tgt Ion:164 Resp: 296831

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

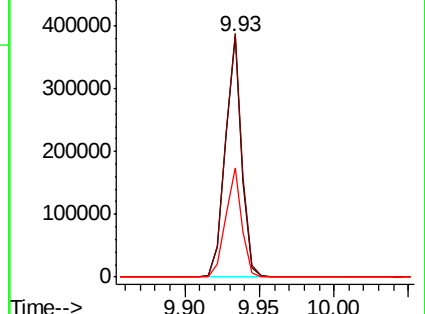
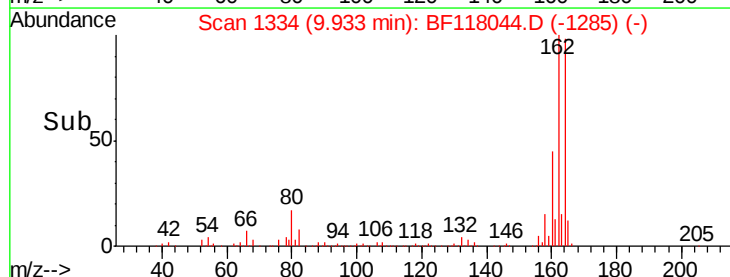
160 45.4 36.6 55.0



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: 20.321 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

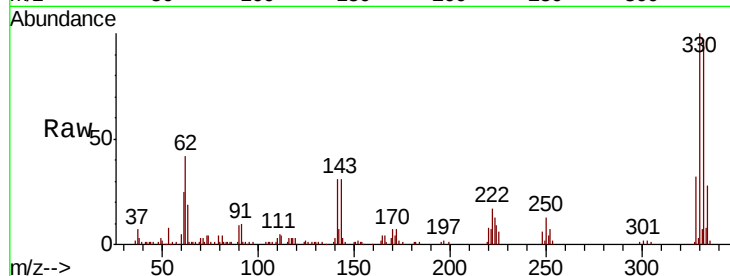
Tot Ion:330 Resp: 63858

Ion Ratio Lower Upper

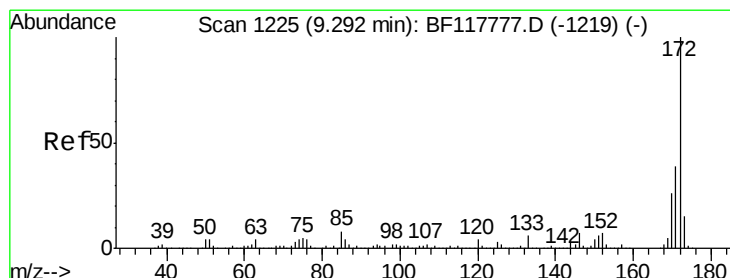
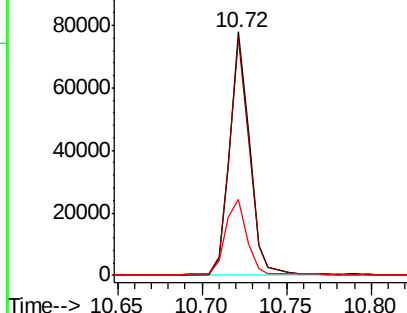
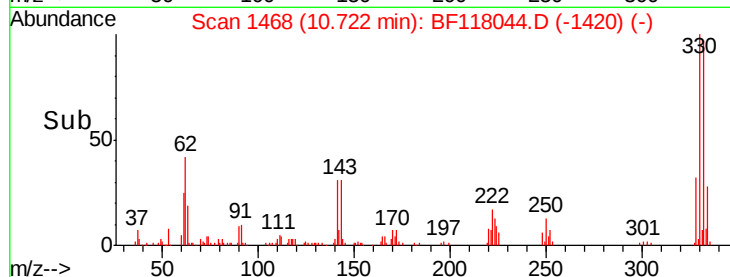
330 100

332 98.1 76.7 115.1

141 35.7 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: 17.380 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

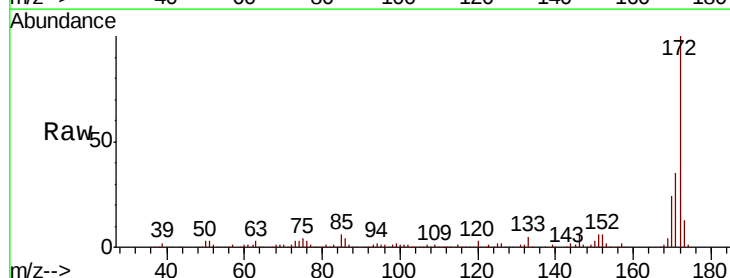
Tgt Ion:172 Resp: 287553

Ion Ratio Lower Upper

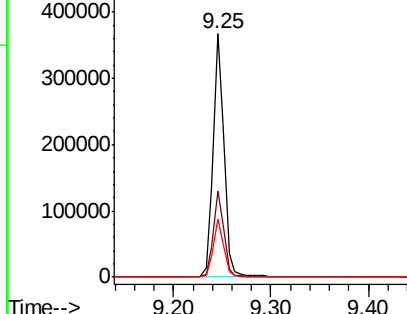
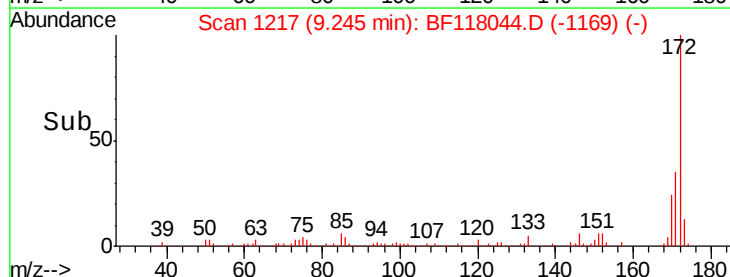
172 100

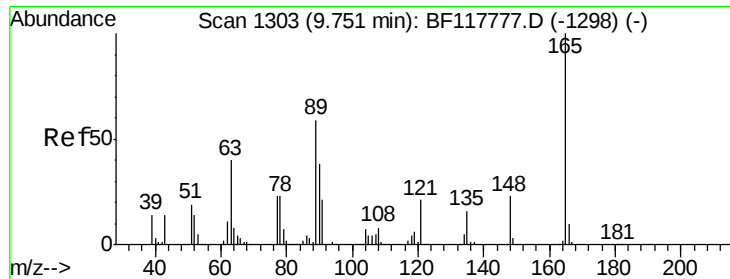
171 35.2 30.9 46.3

170 23.7 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

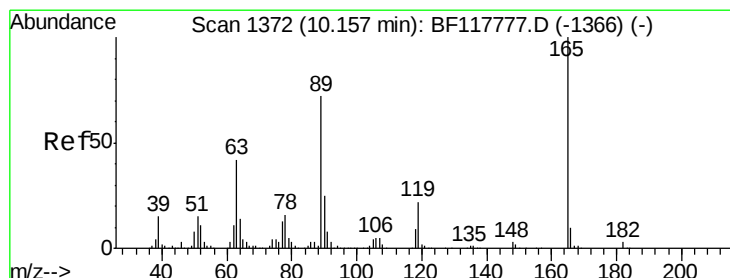
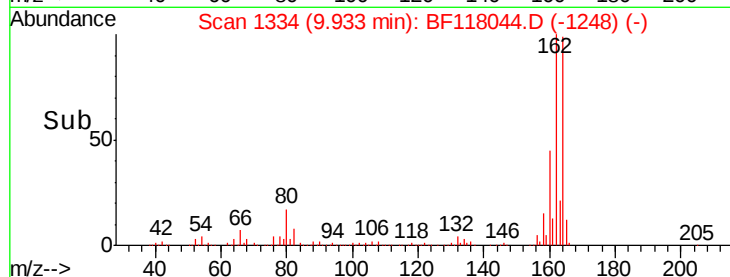
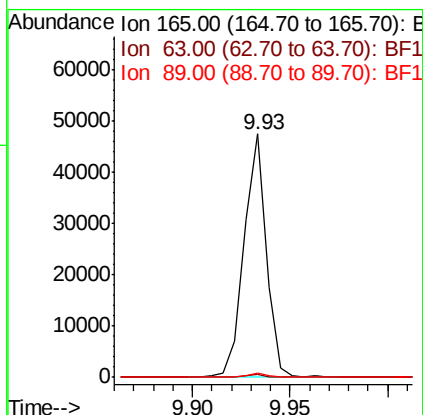
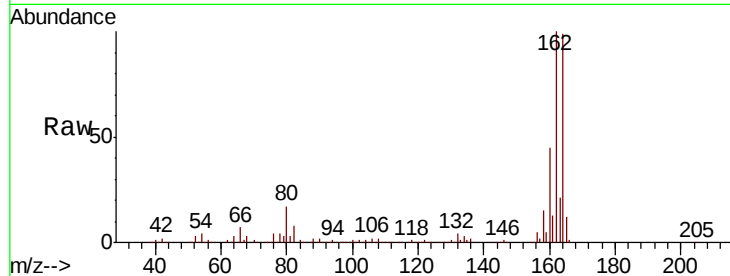




#51
 2,6-Dinitrotoluene
 Concen: 8.267 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF118044.D
 Acq: 27 Nov 2019 16:47

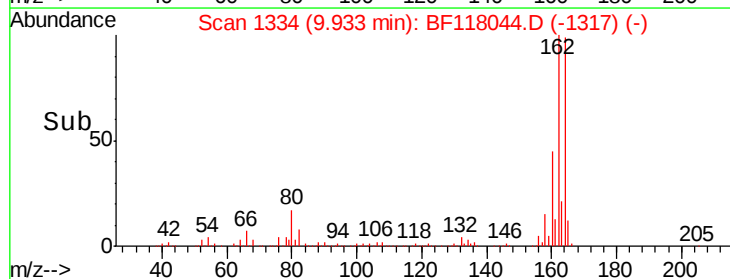
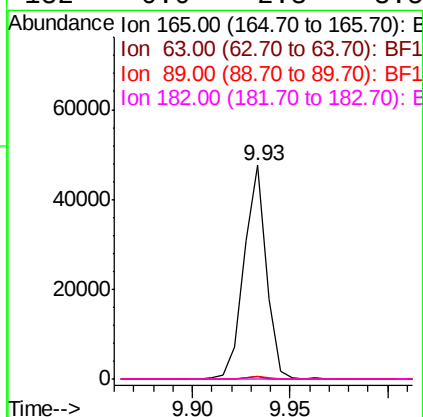
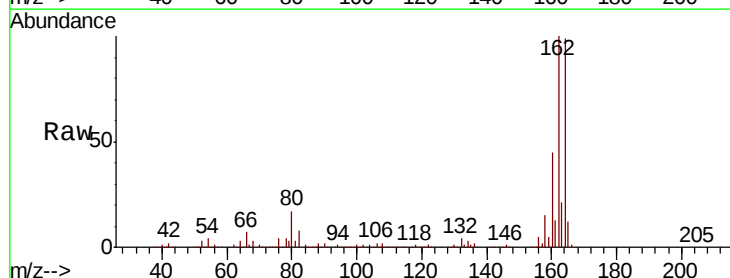
Instrument :
 BNA_F
 ClientSampleId :

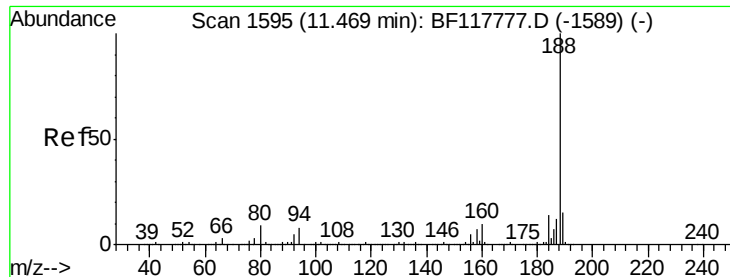
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.0	69.0#
89	1.5	47.7	71.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.499 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.20 min
 Lab File: BF118044.D
 Acq: 27 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

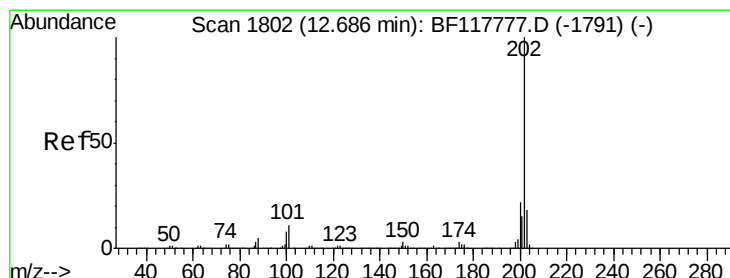
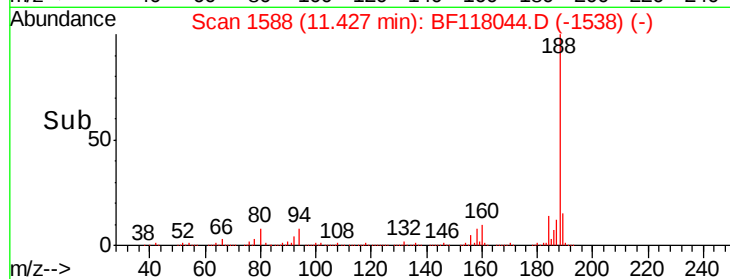
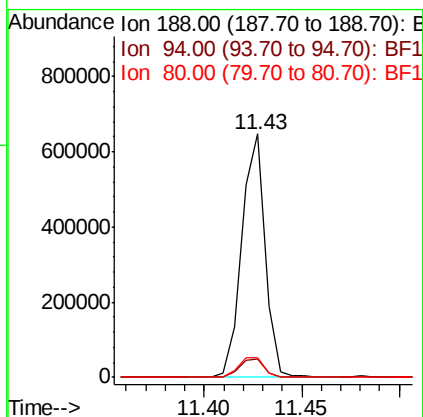
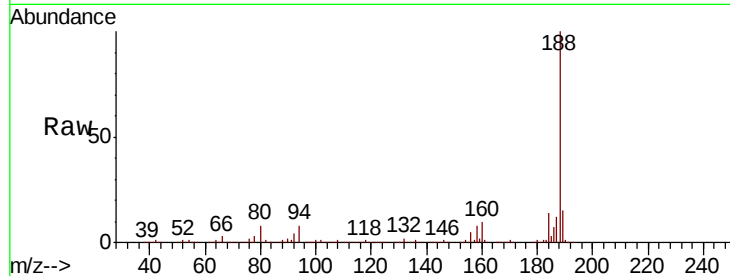




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

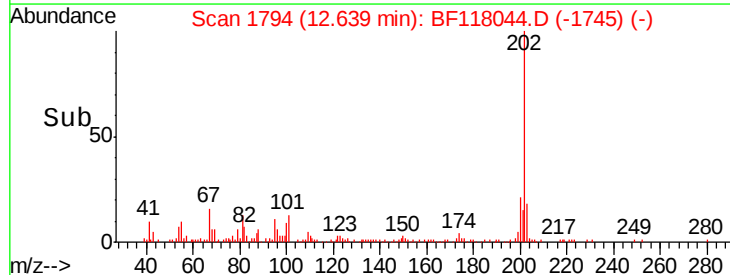
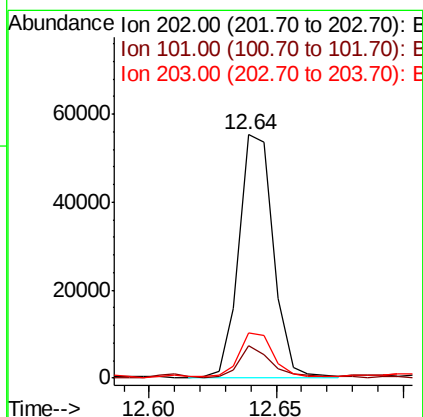
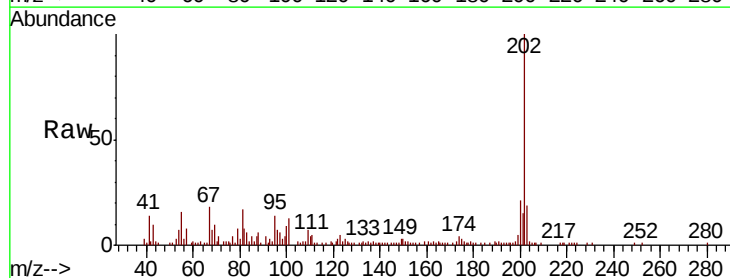
Instrument :
BNA_F
ClientSampleId :

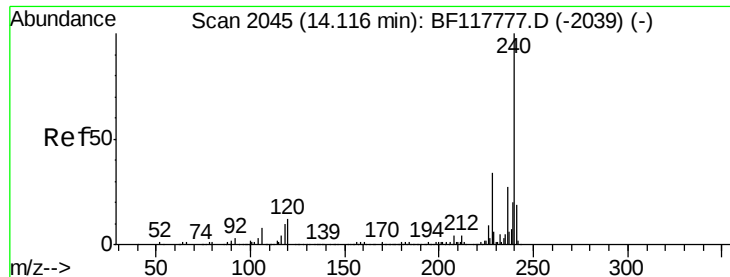
Tot Ion:188 Resp: 536600
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 8.0 7.2 10.8



#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

Tgt Ion:202 Resp: 52822
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.1
203 18.6 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

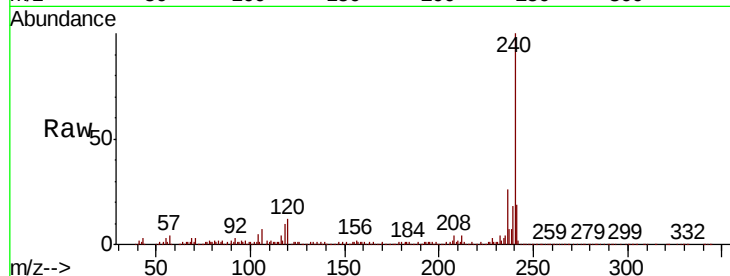
Tot Ion:240 Resp: 309858

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

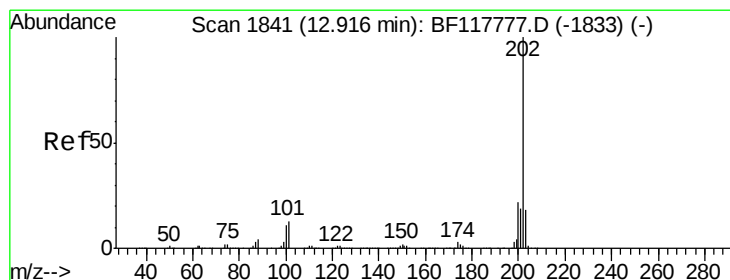
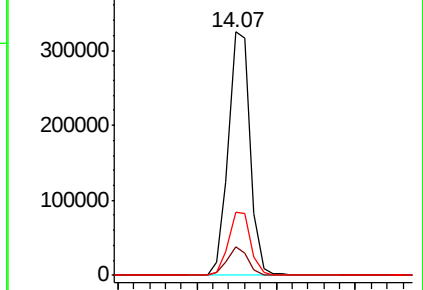
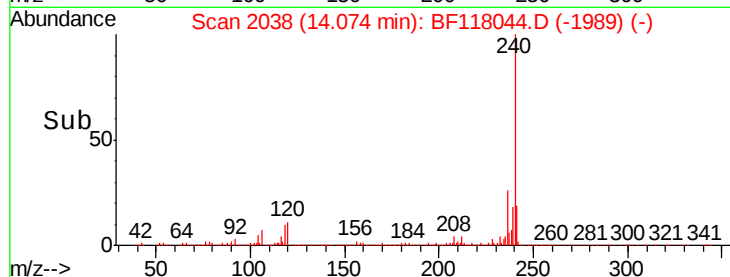
236 25.9 21.3 31.9



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



#78

Pyrene

Concen: 2.031 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

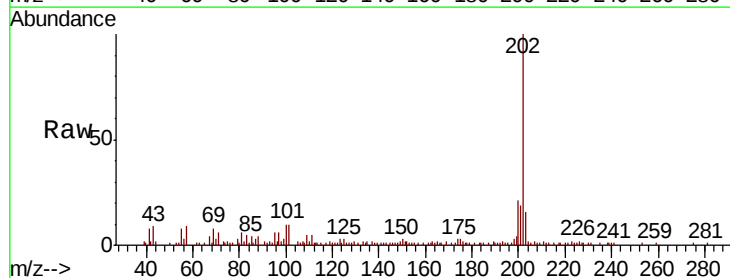
Tgt Ion:202 Resp: 50863

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.8

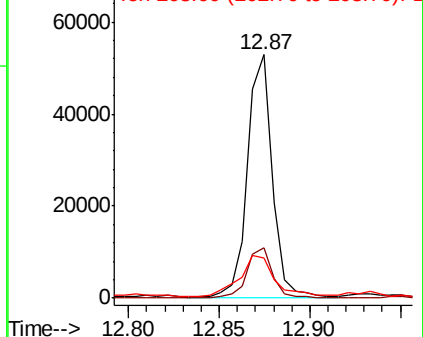
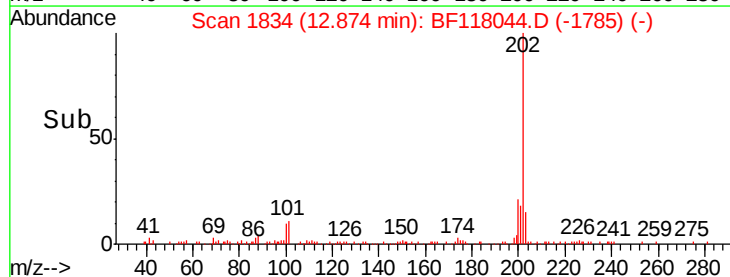
203 16.3 14.6 22.0

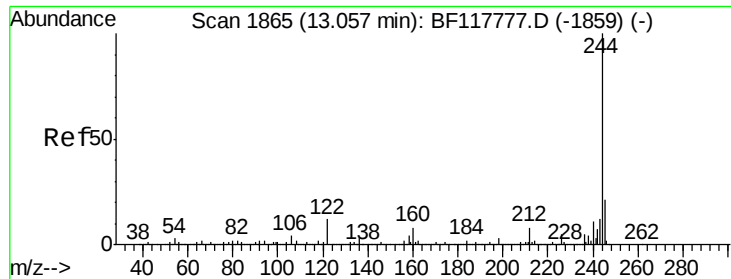


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 17.516 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

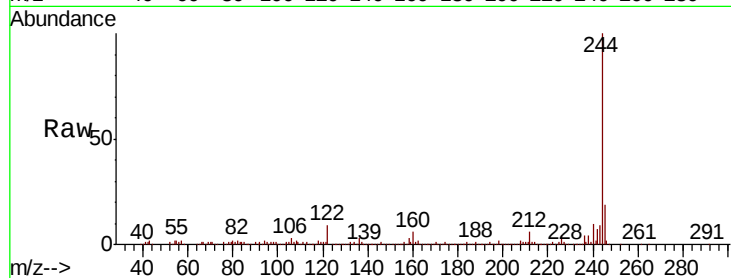
Tot Ion:244 Resp: 296972

Ion Ratio Lower Upper

244 100

212 6.5 6.3 9.5

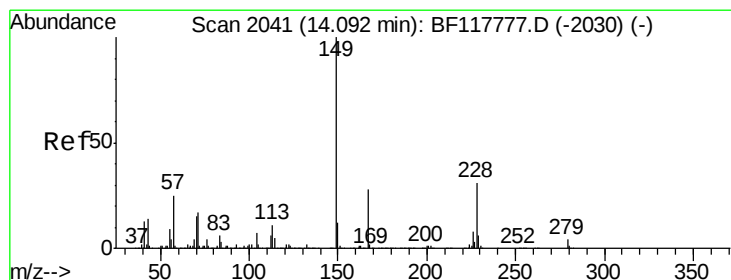
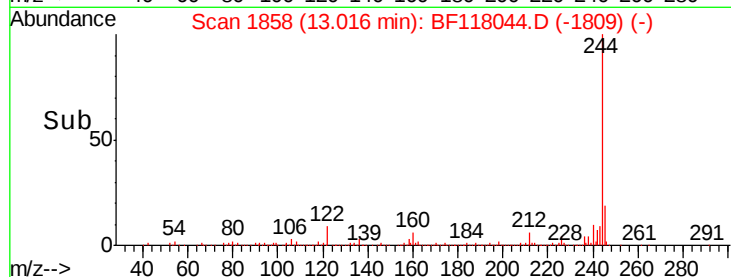
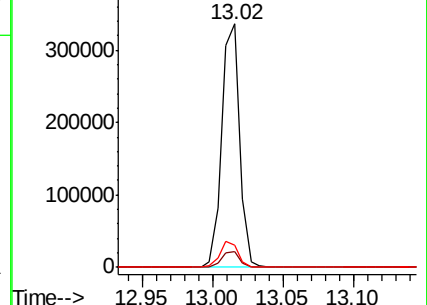
122 8.9 9.4 14.2#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.741 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118044.D

Acq: 27 Nov 2019 16:47

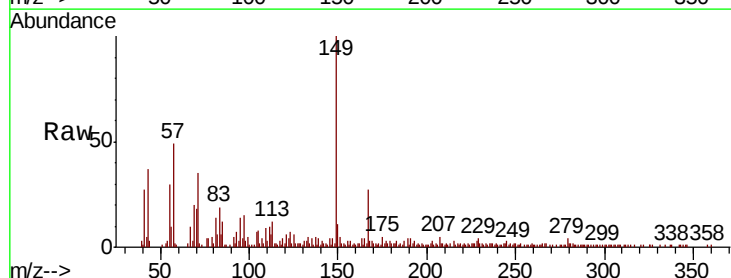
Tgt Ion:149 Resp: 35734

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

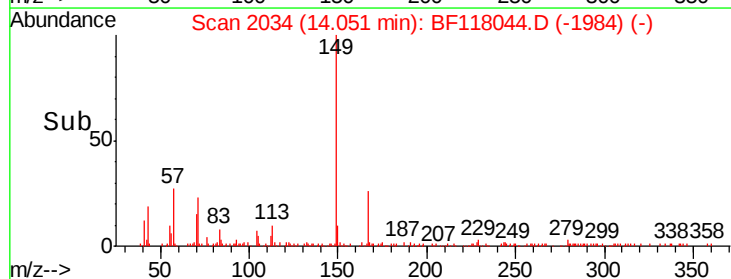
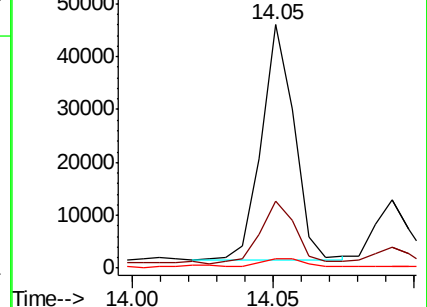
279 3.7 3.4 5.2

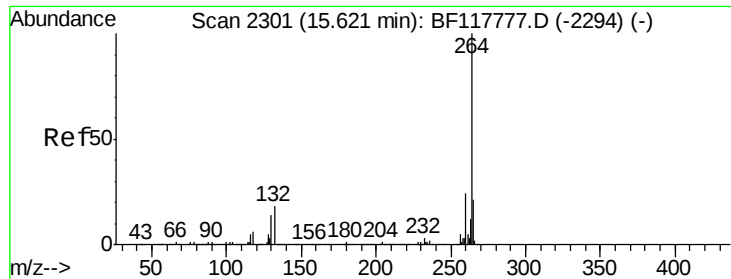


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BF118044.D
Acq: 27 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.4	29.0	
265	21.6	17.1	25.7	

