

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117771.D
 Acq On : 12 Nov 2019 20:31
 Operator : JU
 Sample : K5746-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 13 04:56:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

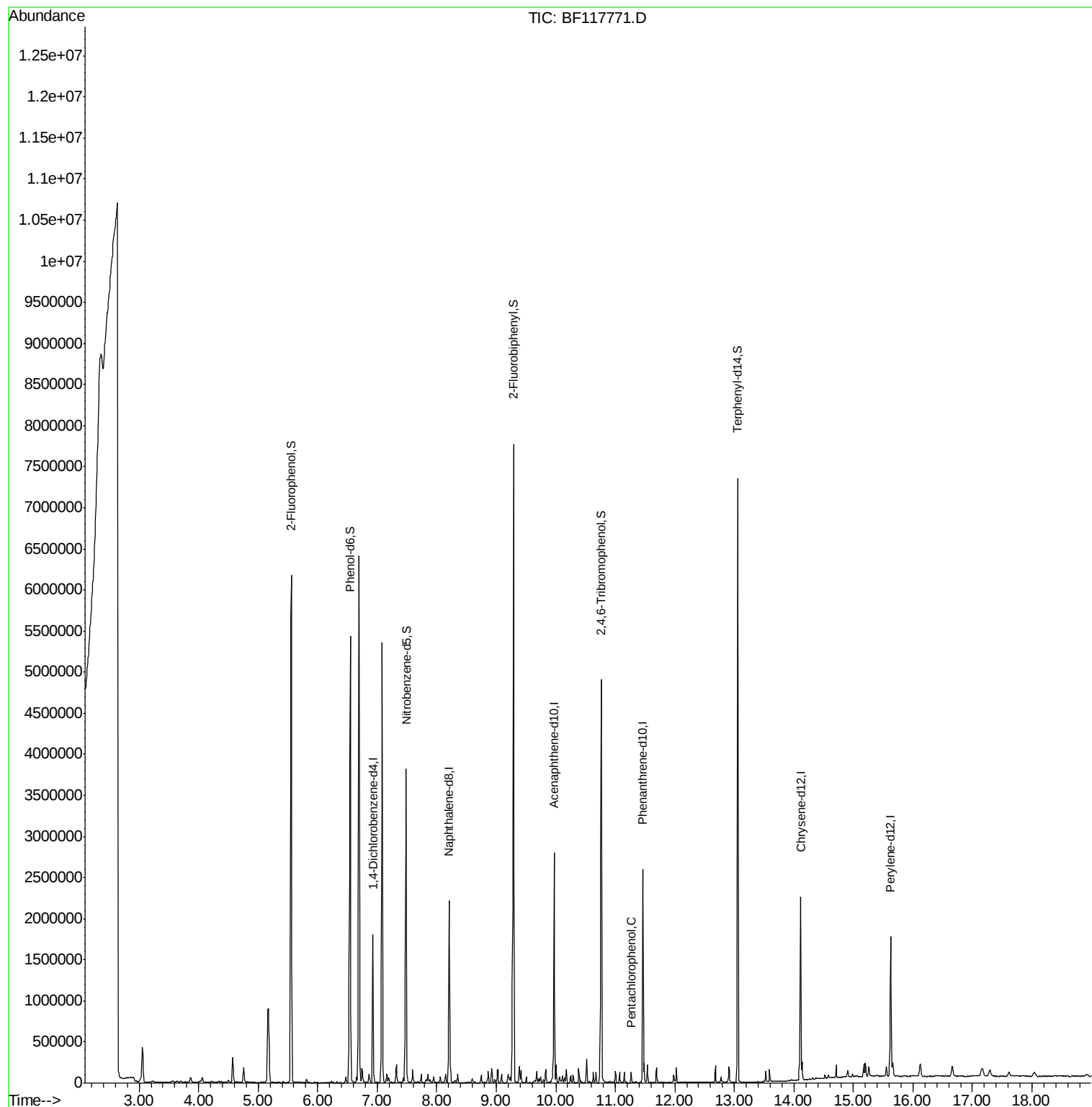
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	302952	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1190392	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	590076	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	976202	20.00	ng	0.00
76) Chrysene-d12	14.12	240	721308	20.00	ng	0.00
87) Perylene-d12	15.63	264	809109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1946868	116.33	ng	0.02
7) Phenol-d6	6.55	99	2436684	118.08	ng	0.00
23) Nitrobenzene-d5	7.49	82	1569259	77.83	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	673627	116.70	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2744134	91.75	ng	0.00
79) Terphenyl-d14	13.06	244	2618363	74.73	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.26	266	15854	2.303	ng	Qvalue 95

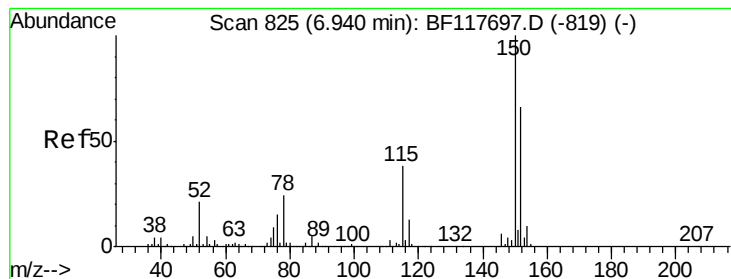
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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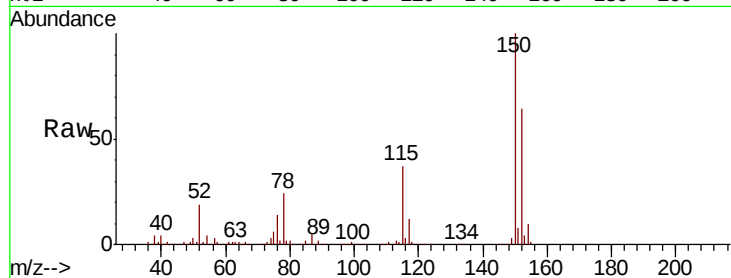


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	190.0
115	57.8	47.6	71.4

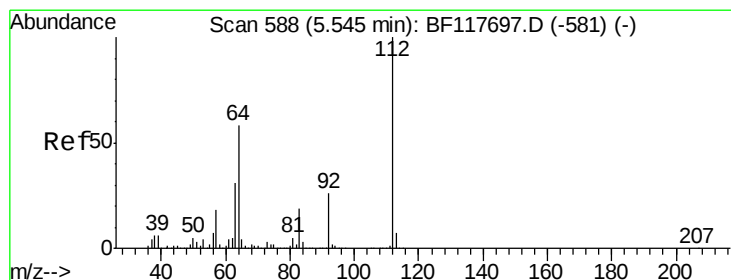
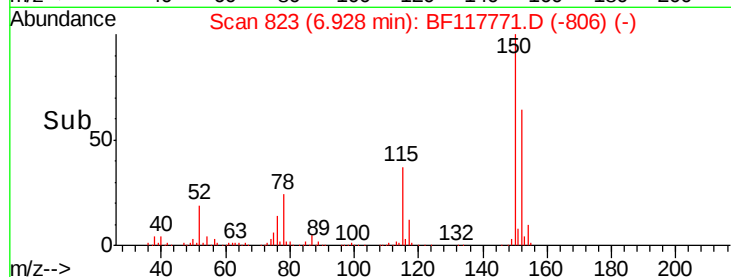
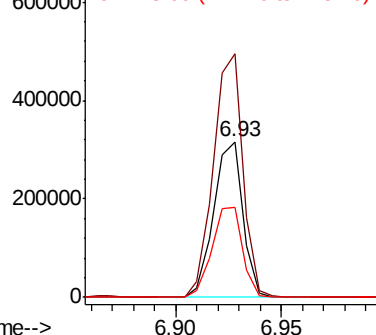


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

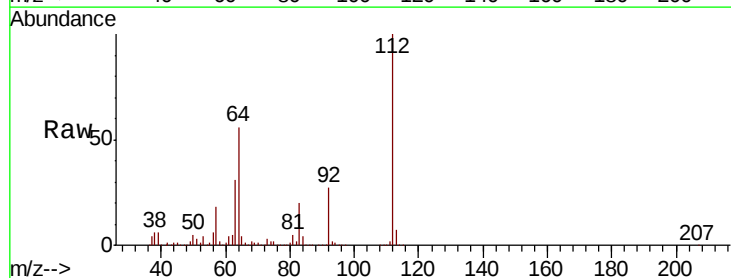
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.326 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	30.5	23.5	35.3

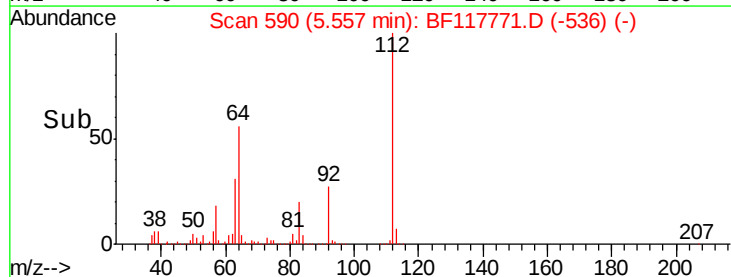
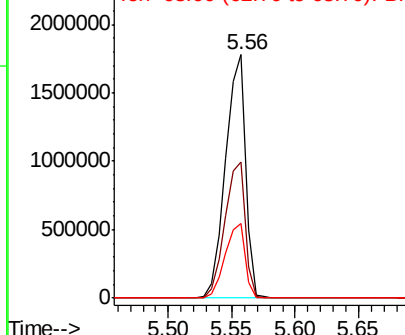


Abundance

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: 118.078 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117771.D

Acq: 12 Nov 2019 20:31

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMP

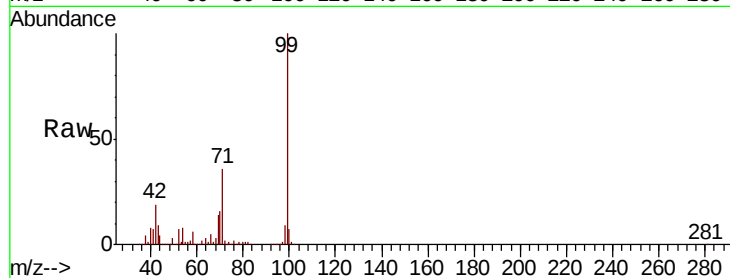
Tot Ion: 99 Resp: 2436684

Ion Ratio Lower Upper

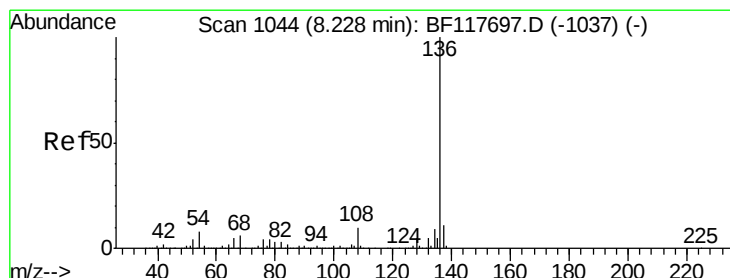
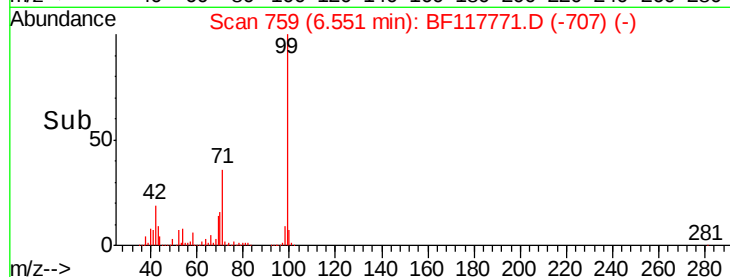
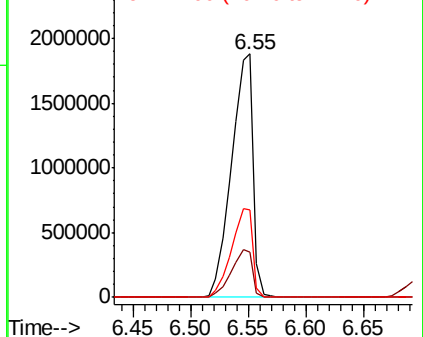
99 100

42 18.8 15.3 22.9

71 35.8 28.2 42.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117771.D

Acq: 12 Nov 2019 20:31

Tgt Ion: 136 Resp: 1190392

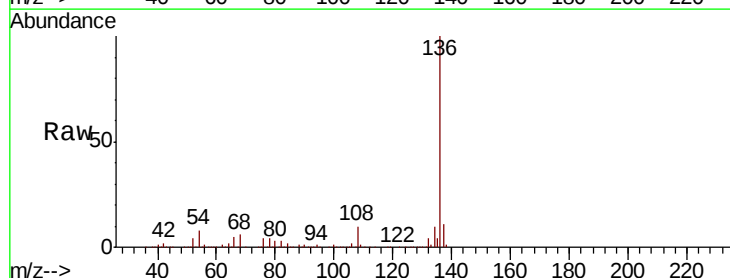
Ion Ratio Lower Upper

136 100

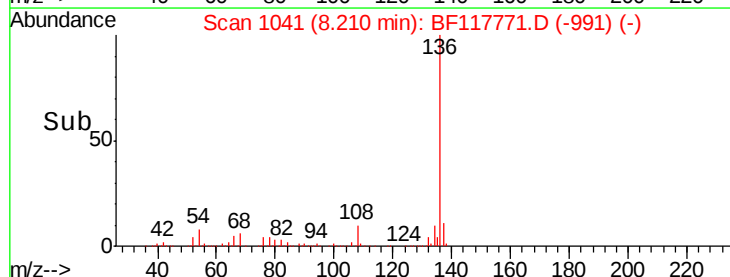
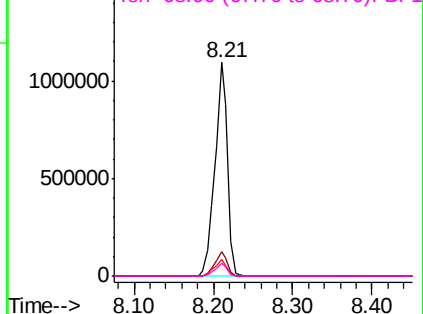
137 11.3 9.0 13.6

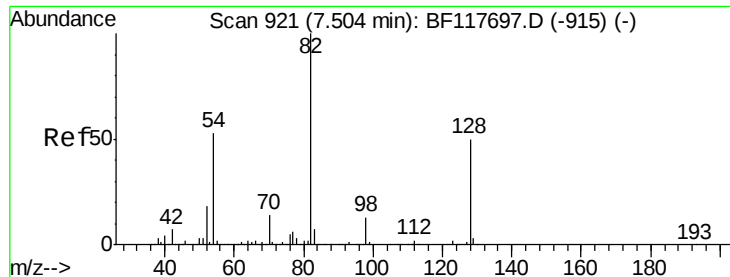
54 7.6 6.1 9.1

68 6.0 4.6 7.0



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

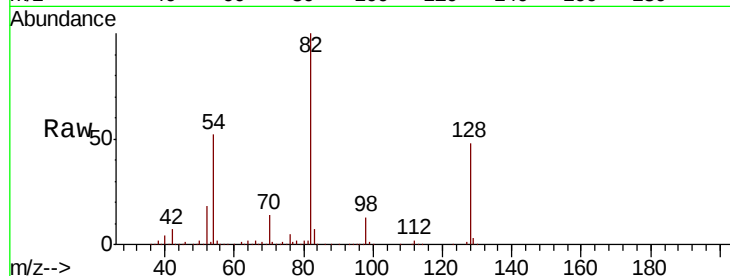




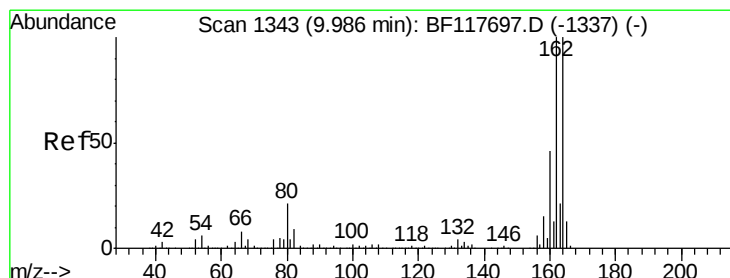
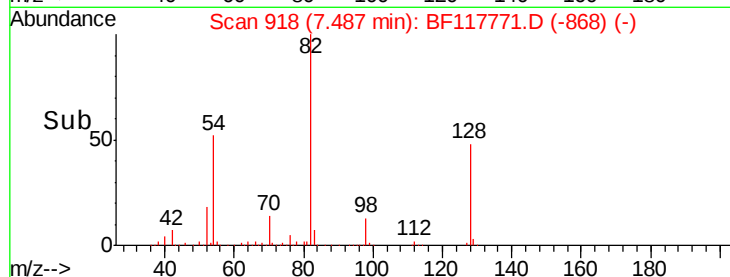
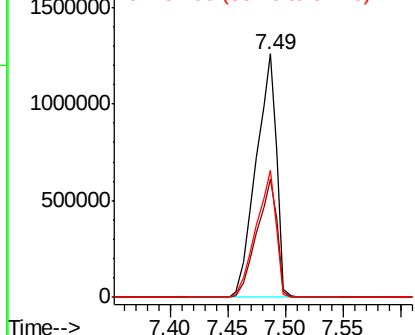
#23
Nitrobenzene-d5
Concen: 77.829 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMP

Tot Ion: 82 Resp: 1569259
Ion Ratio Lower Upper
82 100
128 48.3 38.7 58.1
54 52.0 41.4 62.2

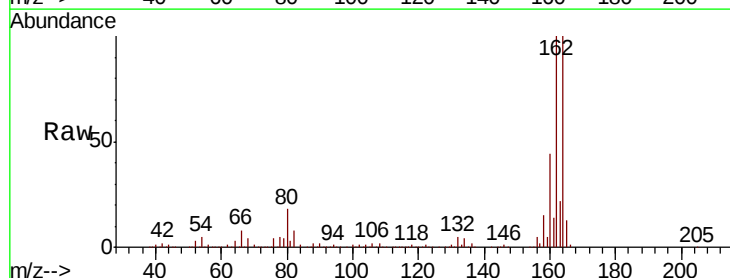


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

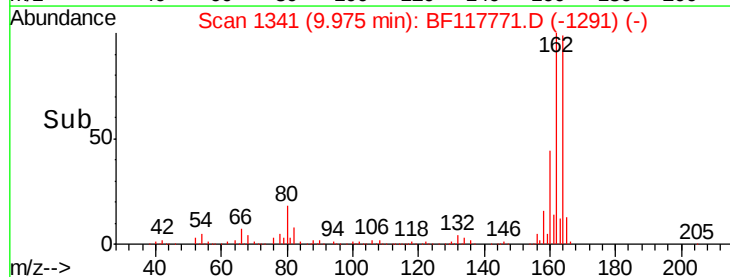
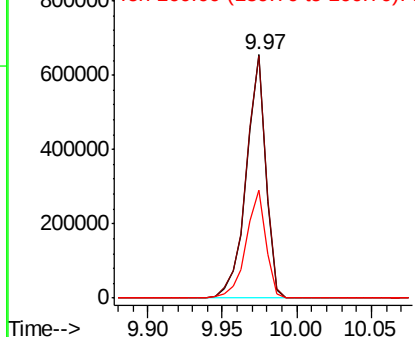


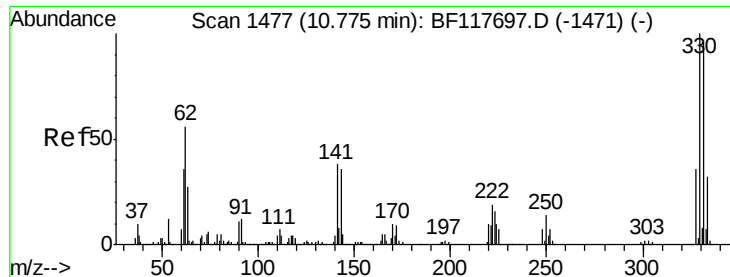
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Tgt Ion:164 Resp: 590076
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 44.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

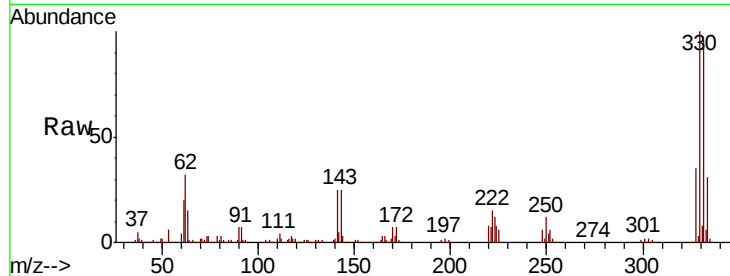




#42
 2,4,6-Tribromophenol
 Concen: 116.700 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF117771.D
 Acq: 12 Nov 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	33.5	26.5	39.7

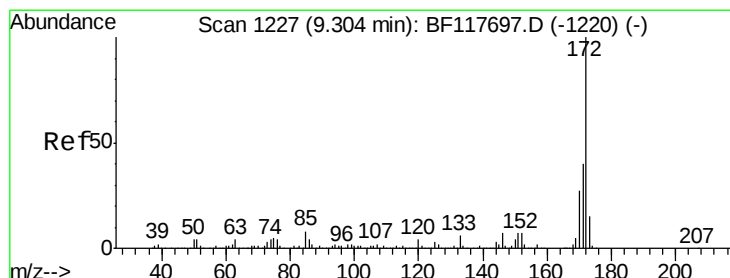
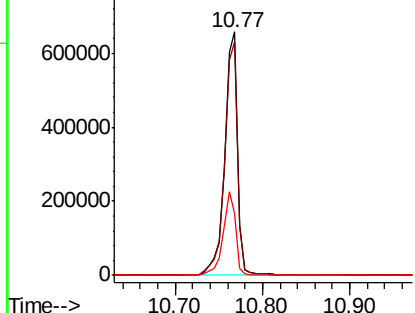
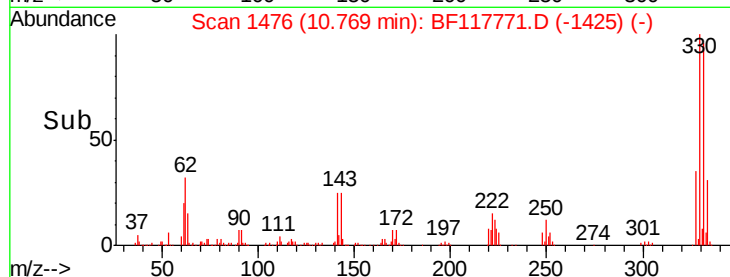


Abundance

Ion 329.80 (329.50 to 330.50): E

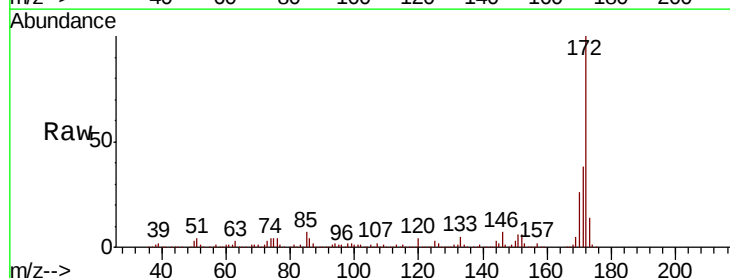
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.755 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF117771.D
 Acq: 12 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.7	46.1
170	25.8	20.6	30.8

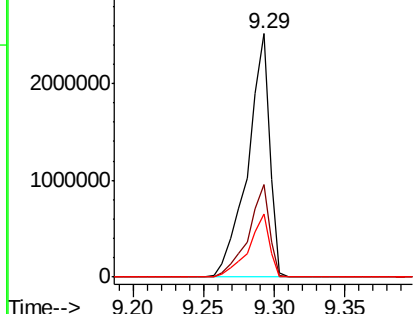
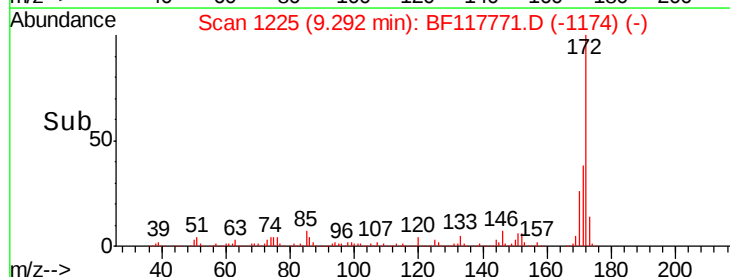


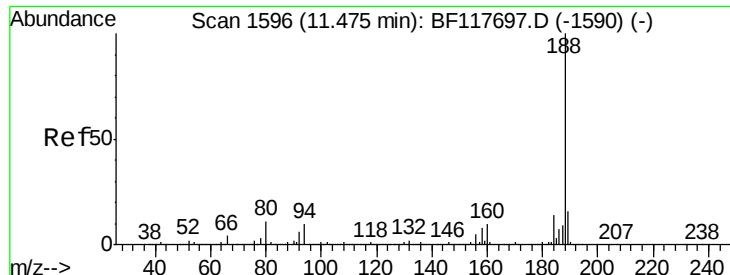
Abundance

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

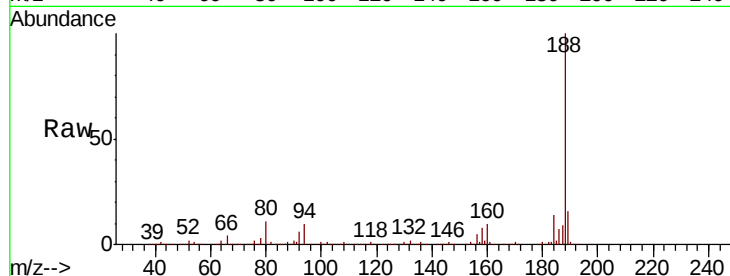




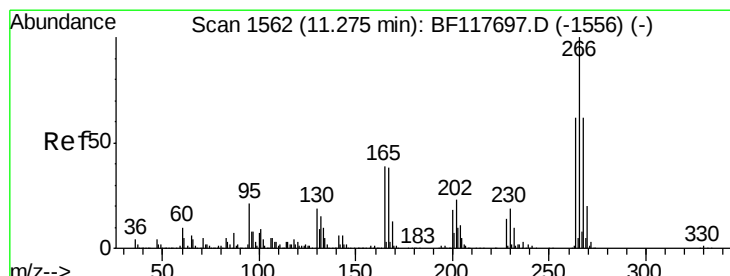
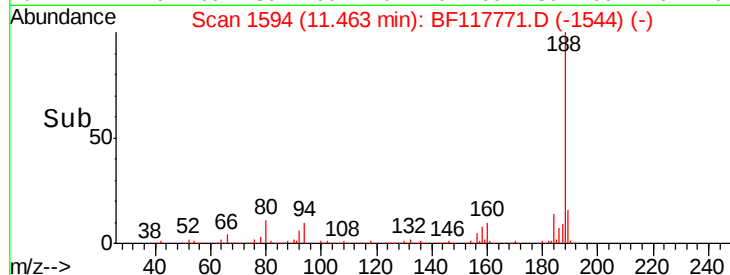
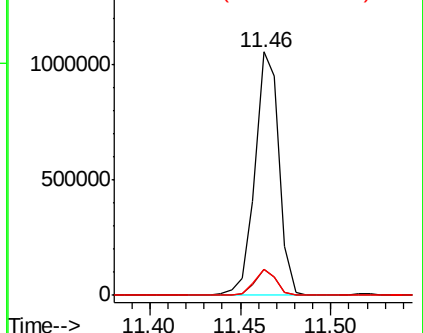
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMP

Tot Ion:188 Resp: 976202
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 8.1 12.1

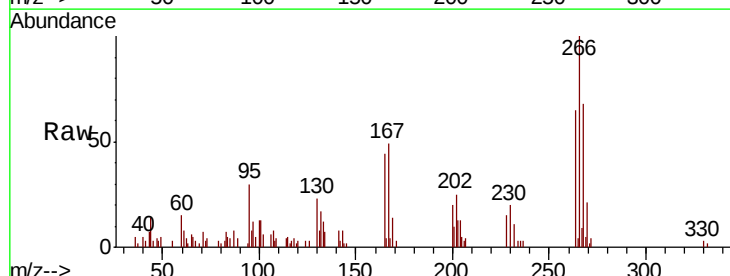


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

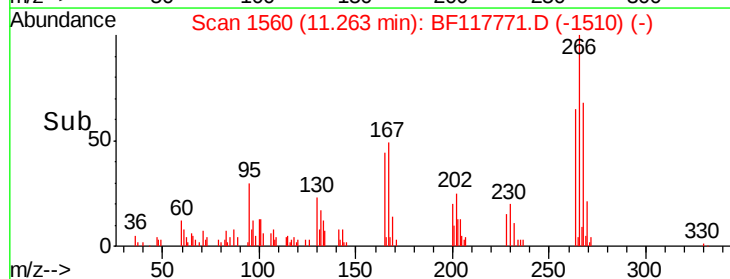
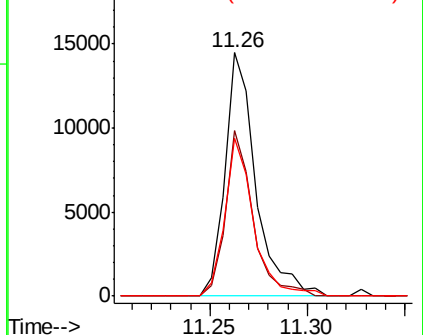


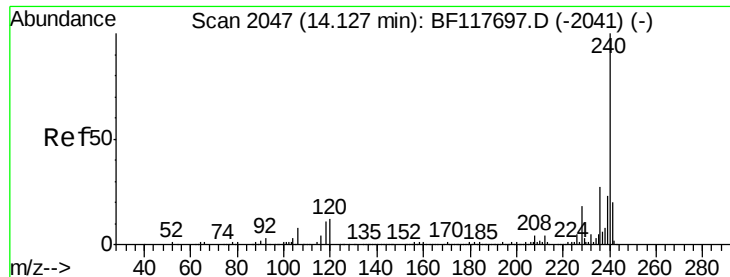
#70
Pentachlorophenol
Concen: 2.303 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF117771.D
Acq: 12 Nov 2019 20:31

Tgt Ion:266 Resp: 15854
Ion Ratio Lower Upper
266 100
268 68.2 50.1 75.1
264 64.6 49.8 74.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117771.D

Acq: 12 Nov 2019 20:31

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMP

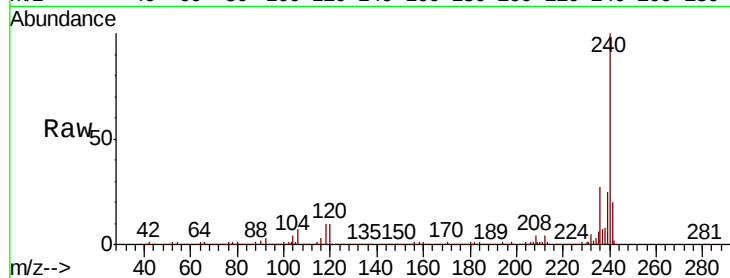
Tot Ion:240 Resp: 721308

Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

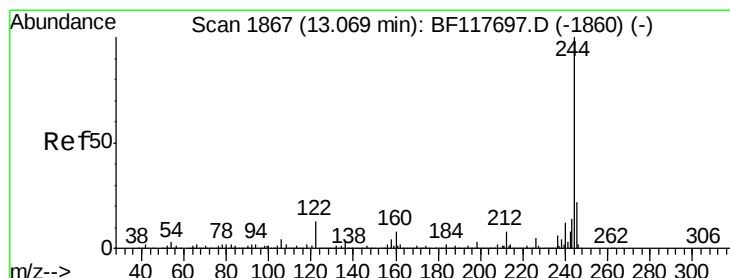
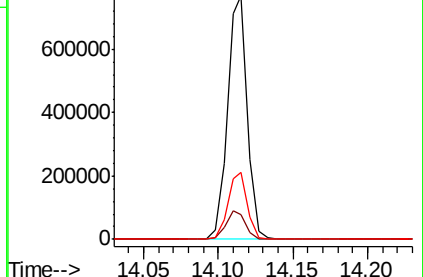
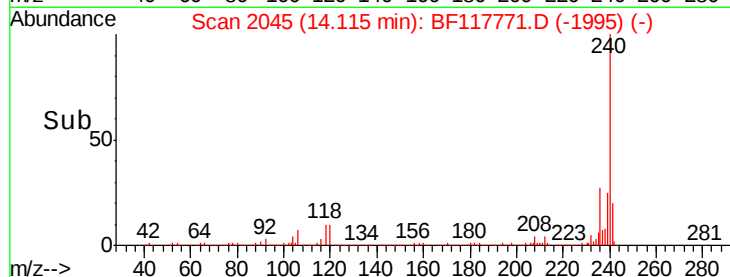
236 27.5 21.4 32.0



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: 74.727 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117771.D

Acq: 12 Nov 2019 20:31

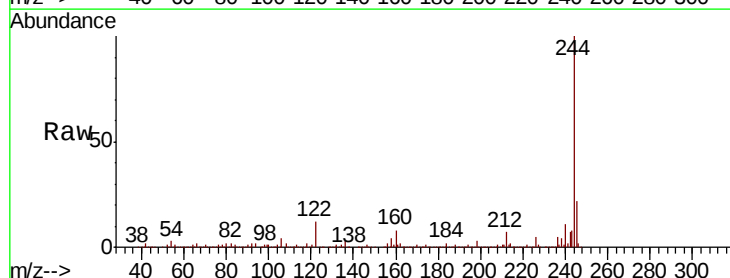
Tgt Ion:244 Resp: 2618363

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

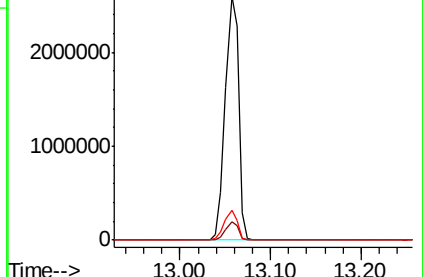
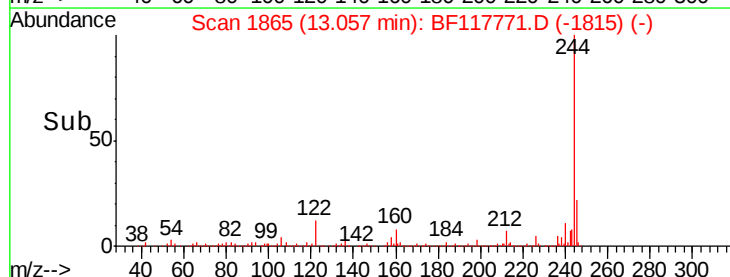
122 12.4 9.1 13.7

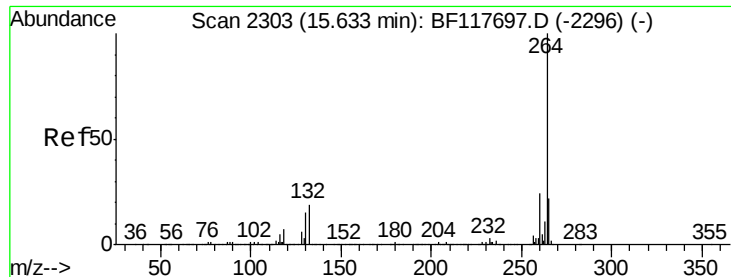


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BF117771.D
 Acq: 12 Nov 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	21.6	17.2	25.8

