

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117770.D
 Acq On : 12 Nov 2019 20:04
 Operator : JU
 Sample : K5670-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-111119

Quant Time: Nov 13 02:46:26 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	275109	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1034446	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496685	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	808049	20.00	ng	0.00
76) Chrysene-d12	14.12	240	671254	20.00	ng	0.00
87) Perylene-d12	15.63	264	738675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1765423	116.16	ng	0.01
7) Phenol-d6	6.55	99	2122033	113.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	1368618	78.11	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	566439	116.58	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2474225	98.29	ng	0.00
79) Terphenyl-d14	13.06	244	2312917	70.93	ng	0.00

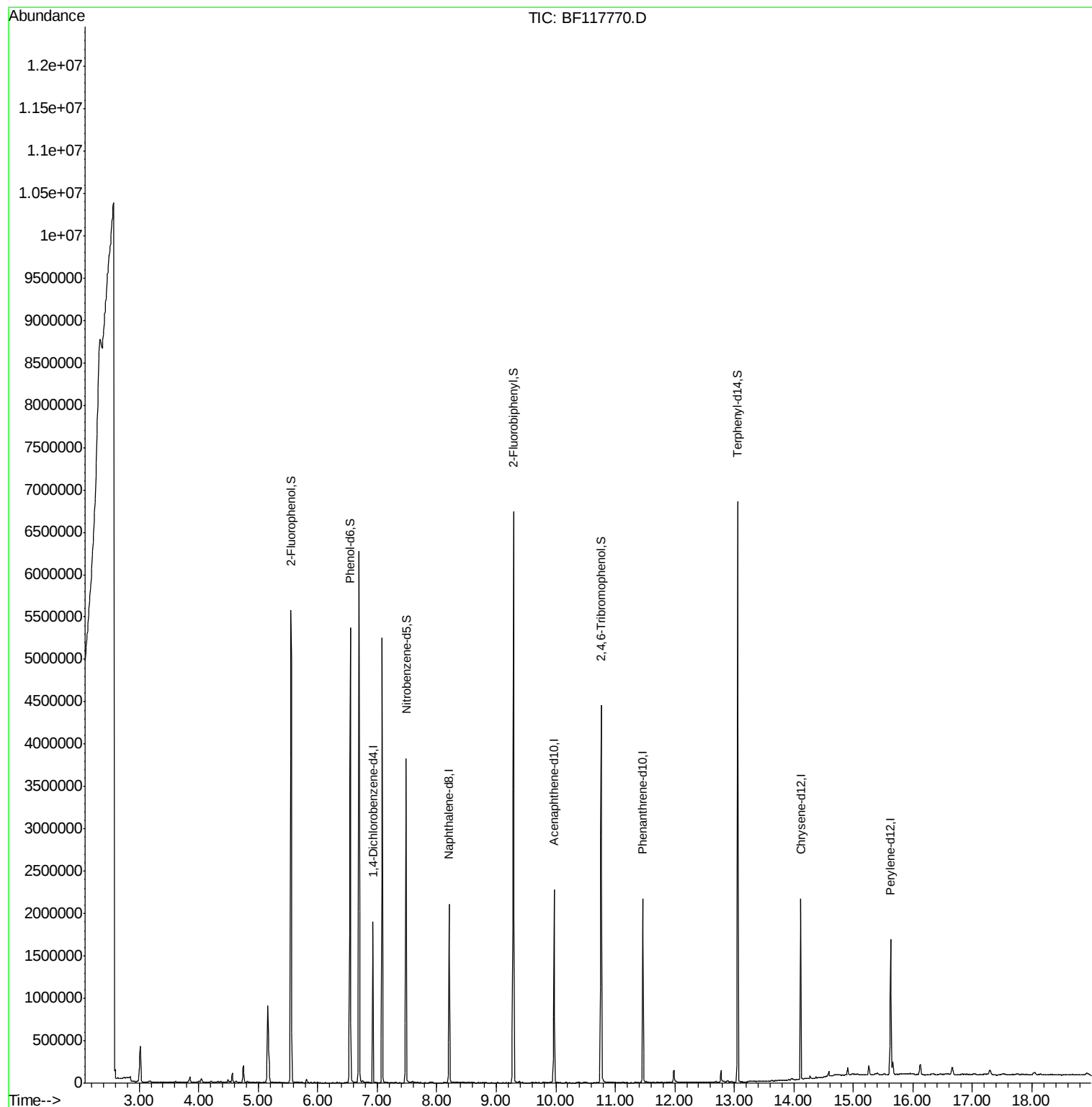
Target Compounds Qvalue

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

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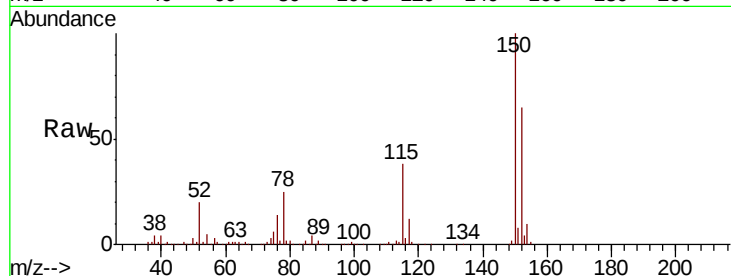


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	190.0
115	58.7	47.6	71.4

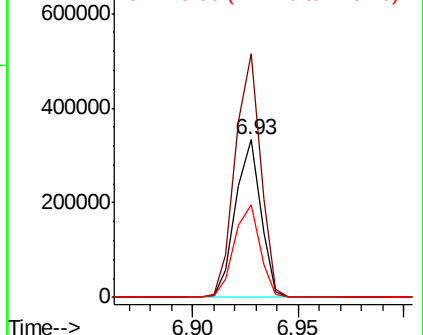
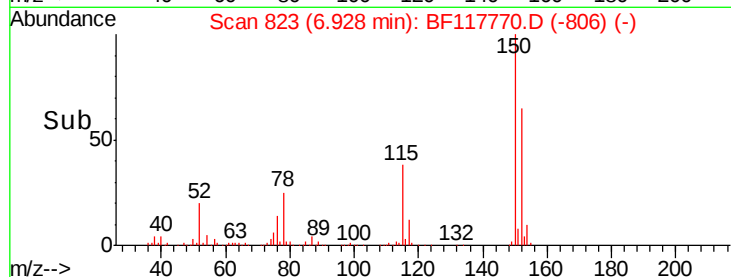


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

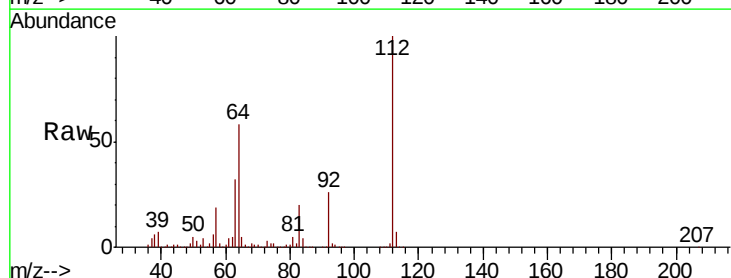
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.161 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	43.5	65.3
63	31.7	23.5	35.3

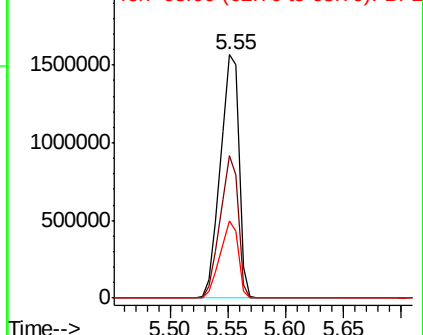
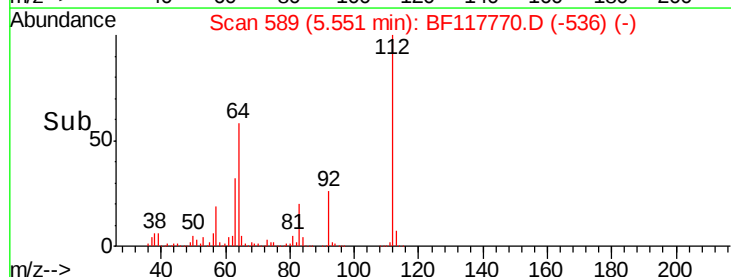


Abundance

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: 113.237 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

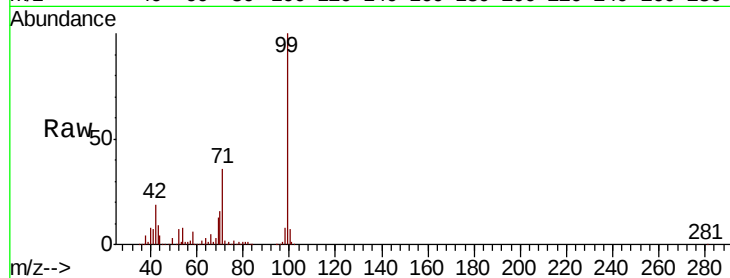
Tot Ion: 99 Resp: 2122033

Ion Ratio Lower Upper

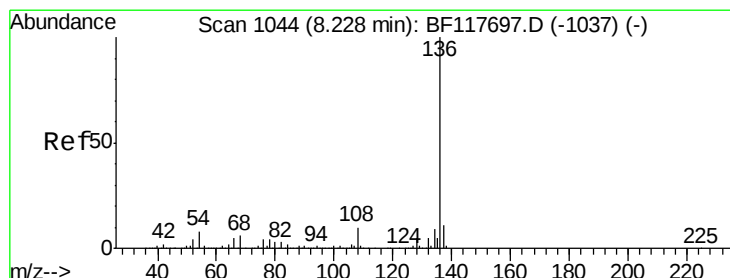
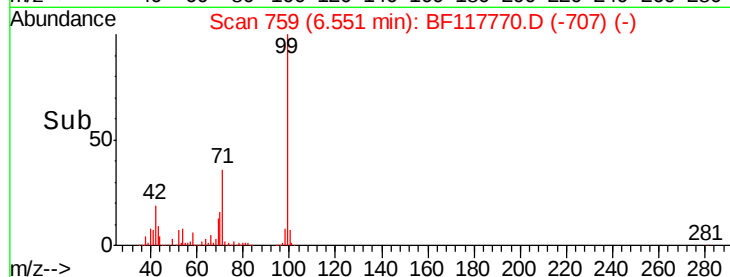
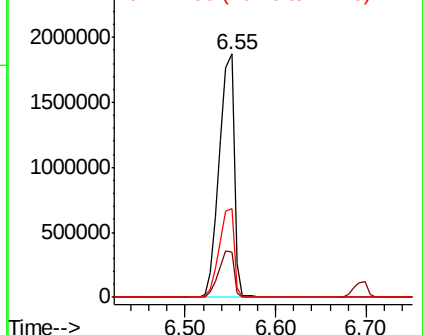
99 100

42 18.7 15.3 22.9

71 36.3 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: BF117770.D

Acq: 12 Nov 2019 20:04

Tgt Ion: 136 Resp: 1034446

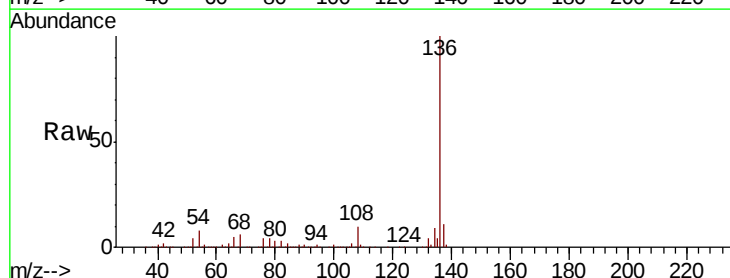
Ion Ratio Lower Upper

136 100

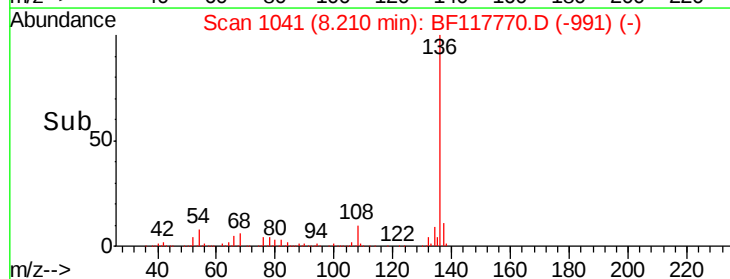
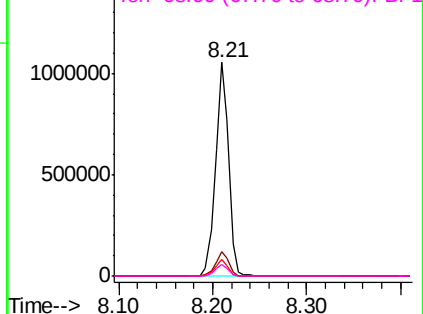
137 11.4 9.0 13.6

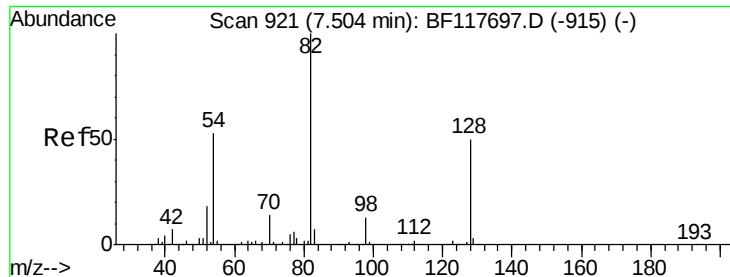
54 7.8 6.1 9.1

68 5.7 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

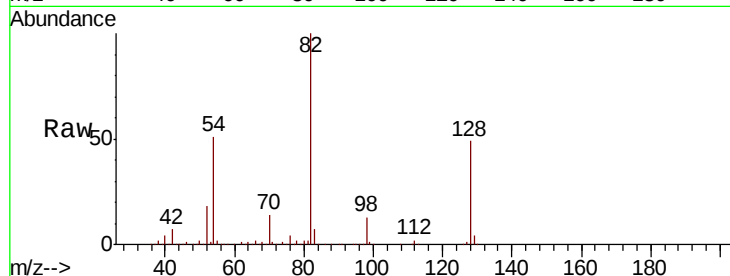




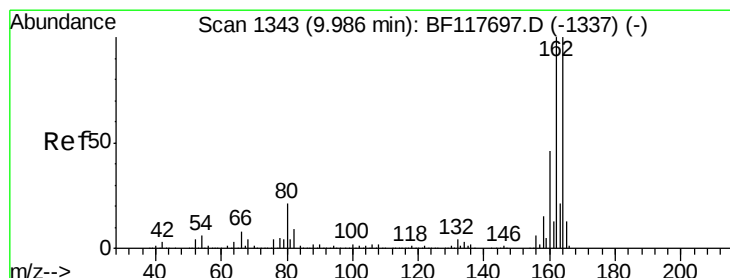
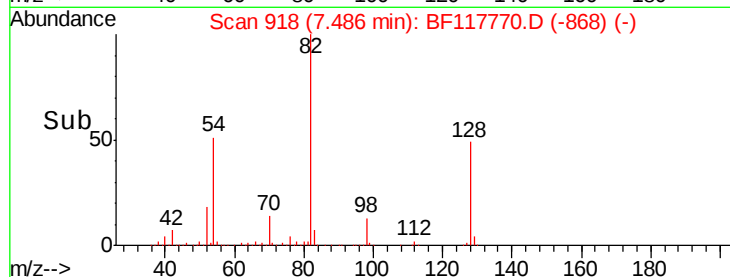
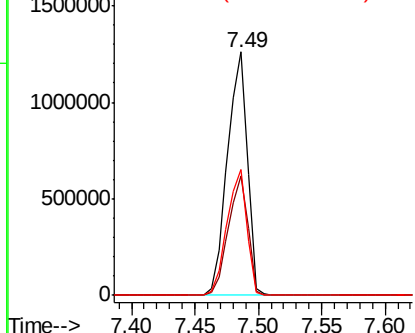
#23
Nitrobenzene-d5
Concen: 78.111 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tot Ion: 82 Resp: 1368618
Ion Ratio Lower Upper
82 100
128 49.2 38.7 58.1
54 51.4 41.4 62.2

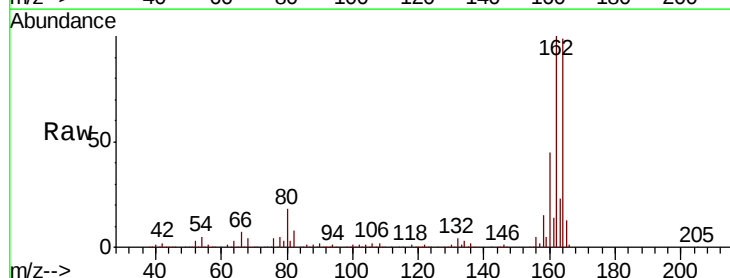


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

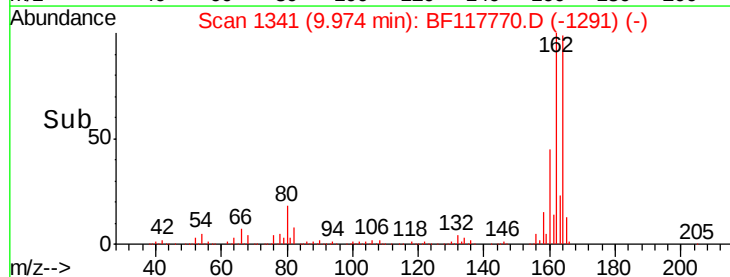
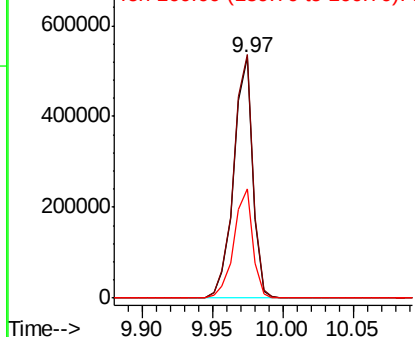


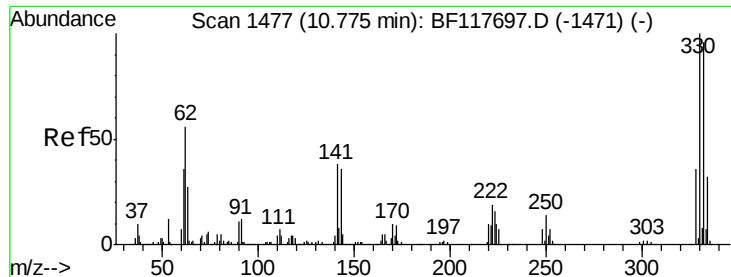
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Tgt Ion:164 Resp: 496685
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.3 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: 116.582 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

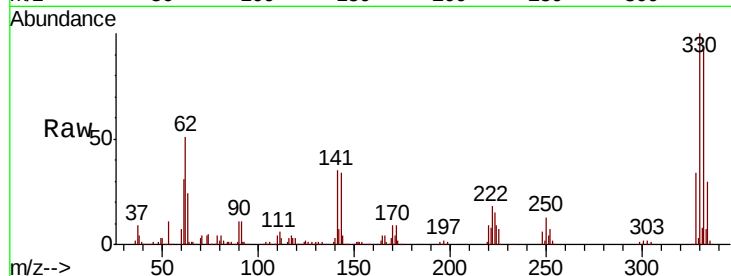
Tot Ion:330 Resp: 566439

Ion Ratio Lower Upper

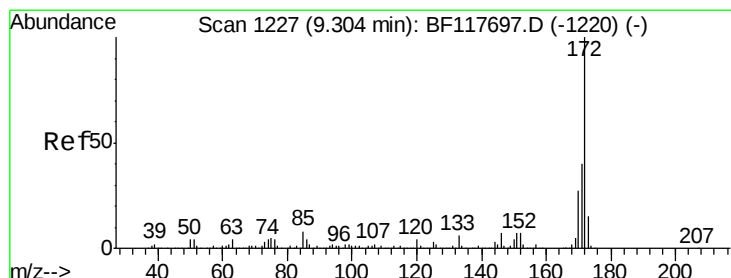
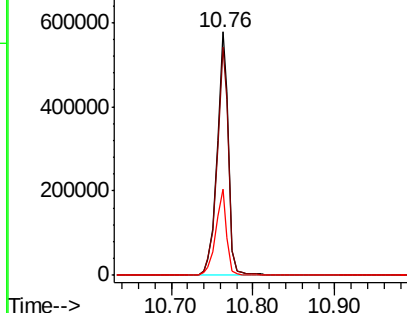
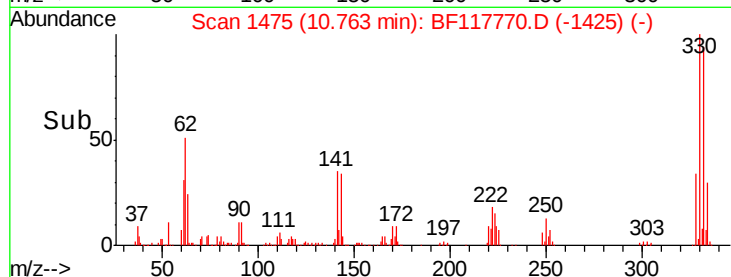
330 100

332 95.0 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: 98.285 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

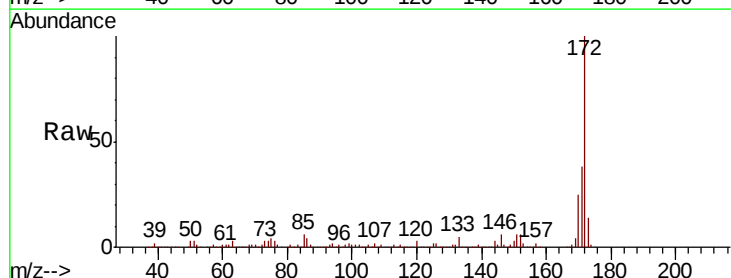
Tgt Ion:172 Resp: 2474225

Ion Ratio Lower Upper

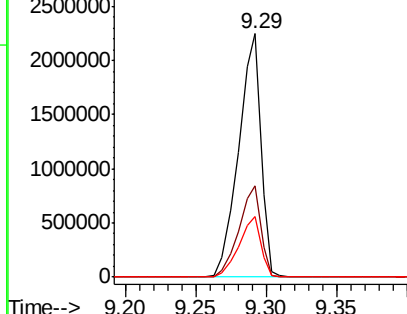
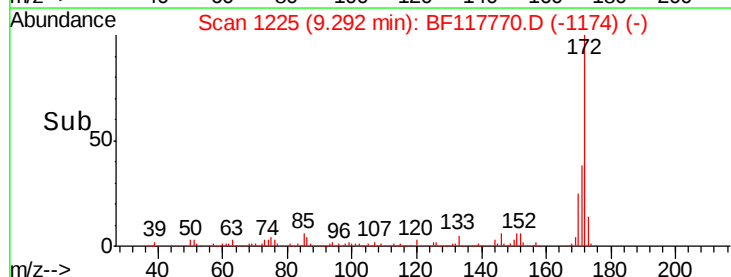
172 100

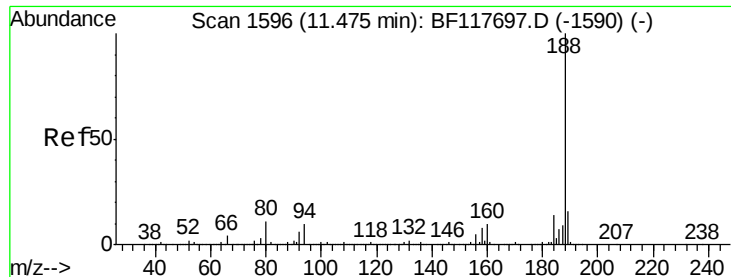
171 37.5 30.7 46.1

170 25.1 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: BF117770.D

Acq: 12 Nov 2019 20:04

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ClientSampleId :

OK-02-111119

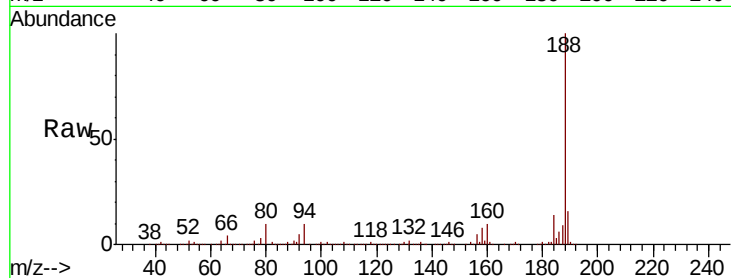
Tot Ion:188 Resp: 808049

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

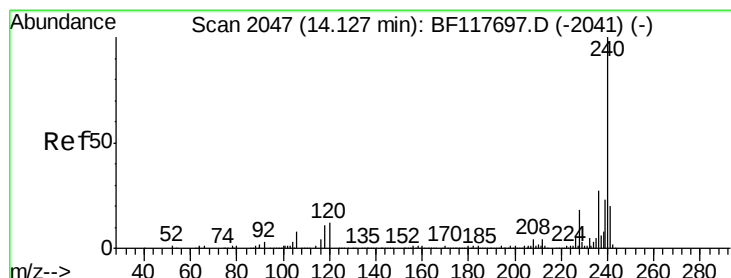
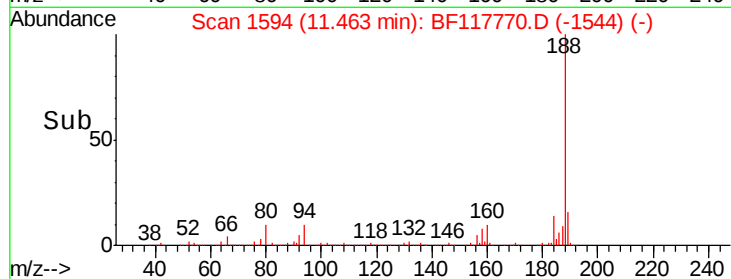
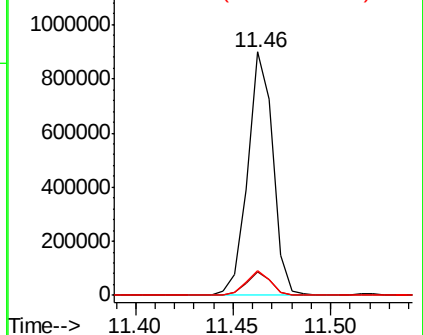
80 10.3 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

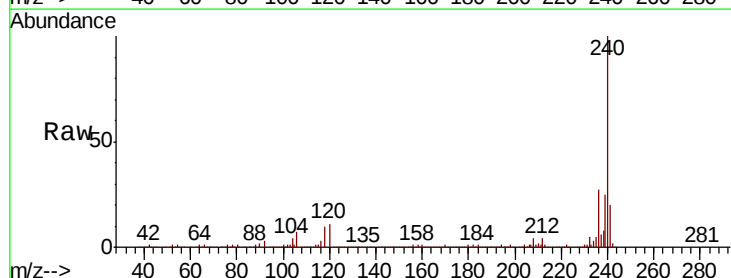
Tgt Ion:240 Resp: 671254

Ion Ratio Lower Upper

240 100

120 10.8 9.3 13.9

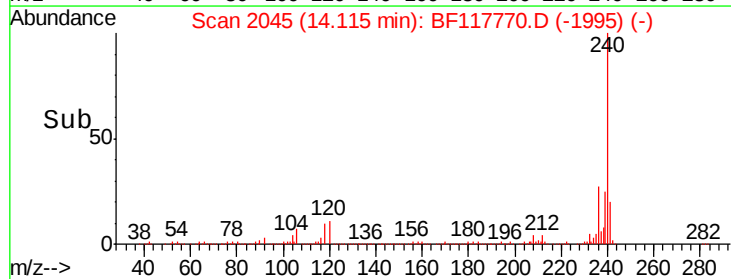
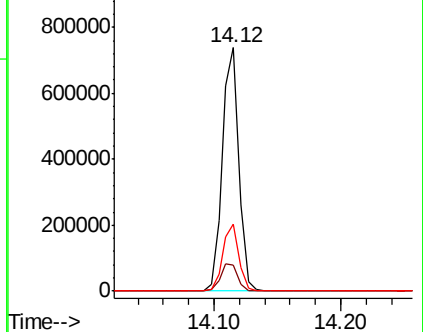
236 27.4 21.4 32.0

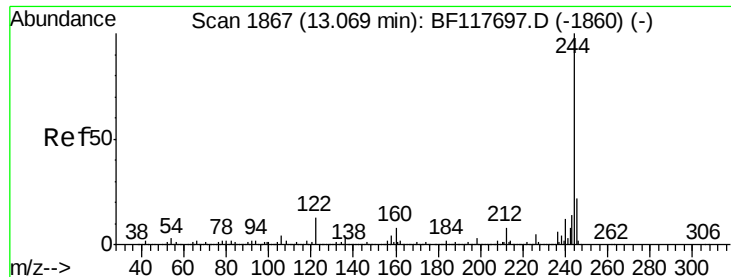


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.932 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

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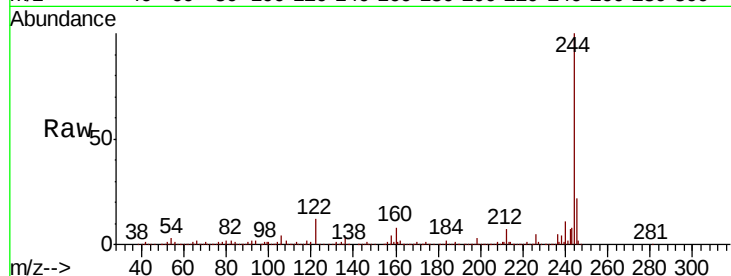
Tot Ion:244 Resp: 2312917

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

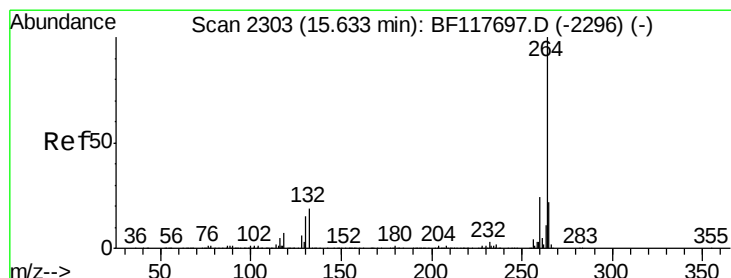
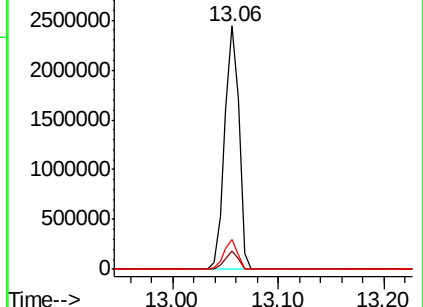
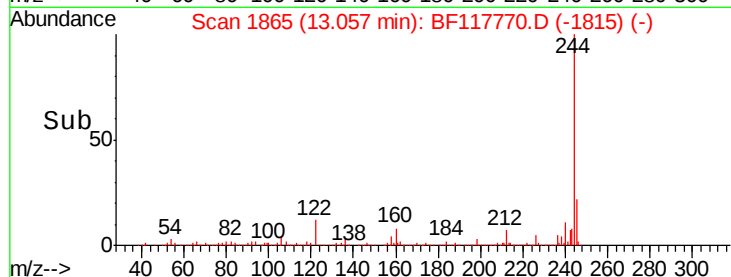
122 12.1 9.1 13.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

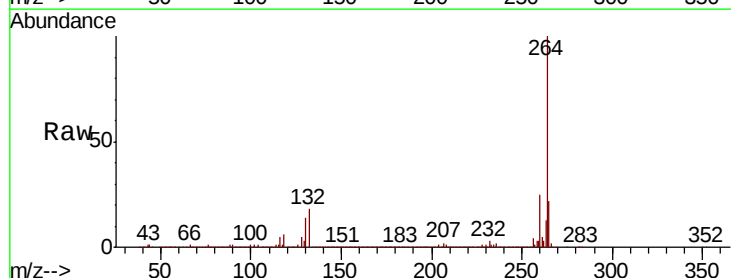
Tgt Ion:264 Resp: 738675

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.7 17.2 25.8



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

