

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117892.D
 Acq On : 20 Nov 2019 14:51
 Operator : JU
 Sample : K5927-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Nov 20 18:29:53 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

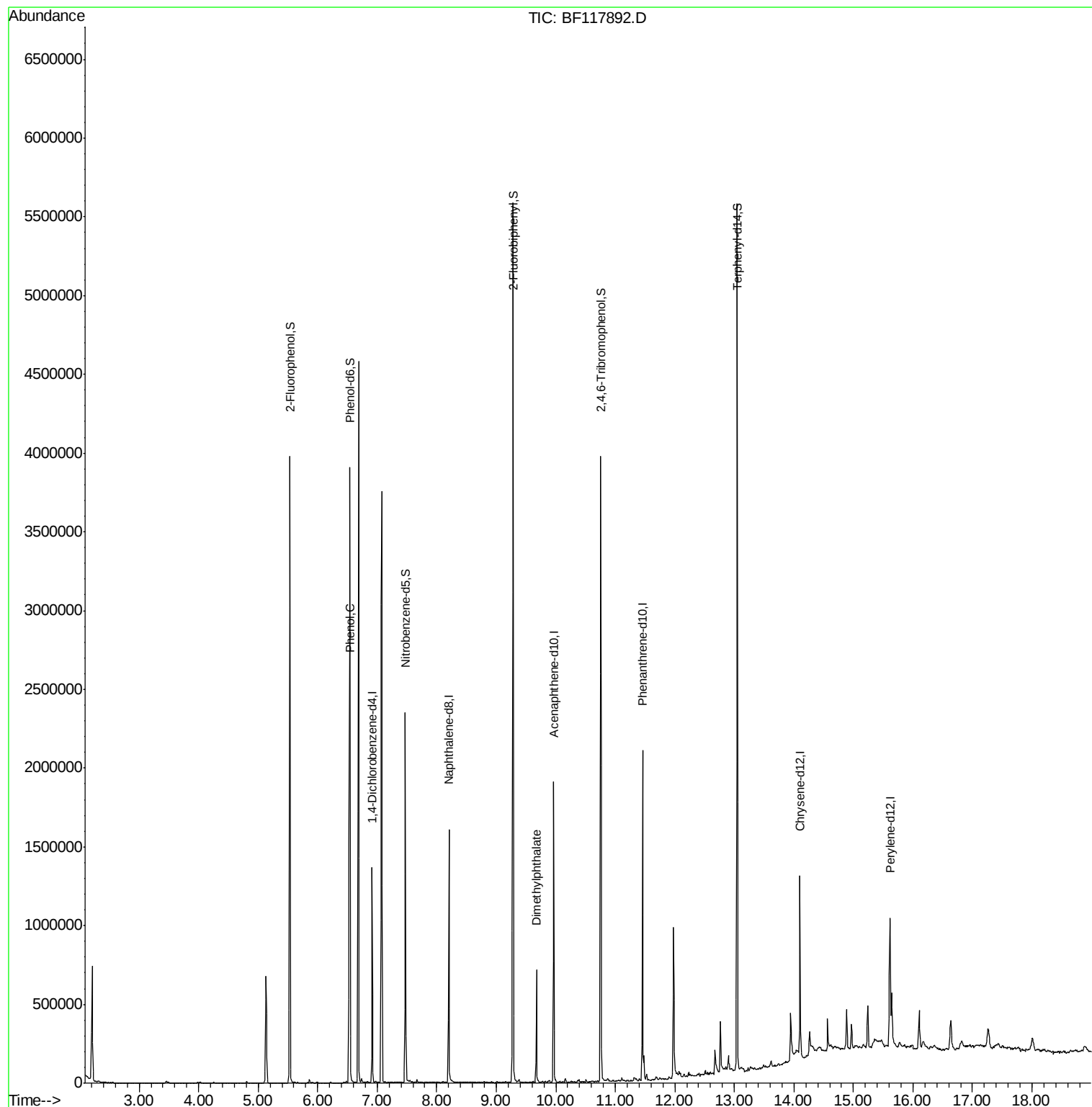
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	181219	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	713901	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	380431	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	692422	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	354349	20.00	ng	-0.01
87) Perylene-d12	15.62	264	388230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1105914	108.02	ng	0.00
7) Phenol-d6	6.54	99	1435997	116.29	ng	0.00
23) Nitrobenzene-d5	7.47	82	814638	67.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	461098	114.49	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1718794	81.05	ng	-0.01
79) Terphenyl-d14	13.05	244	1818017	93.77	ng	0.00
Target Compounds						
10) Phenol	6.55	94	36665	2.857	ng	98
50) Dimethylphthalate	9.67	163	276506	10.365	ng	97

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

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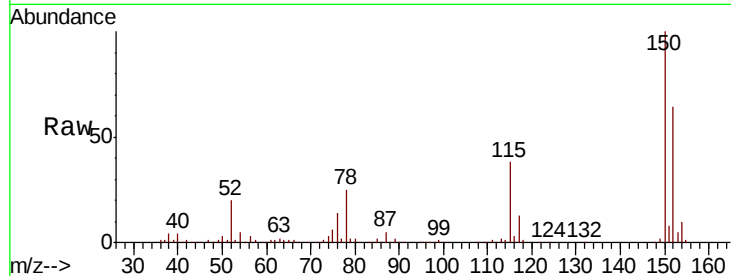


#1

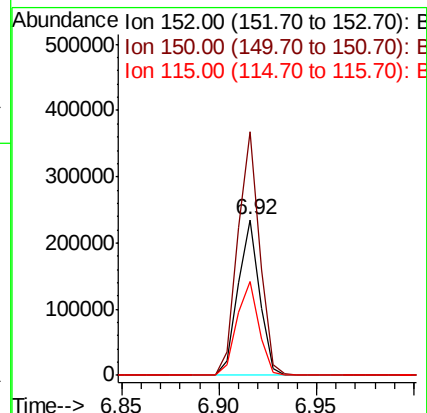
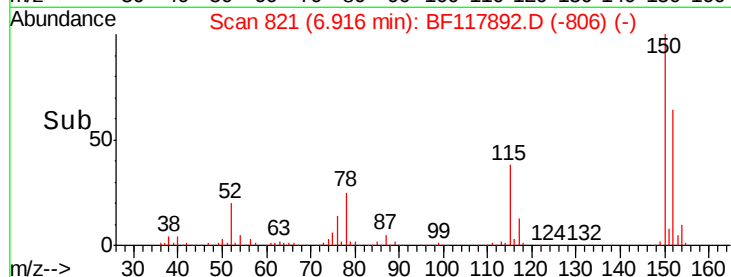
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:152 Resp: 181219
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 60.1 47.0 70.4



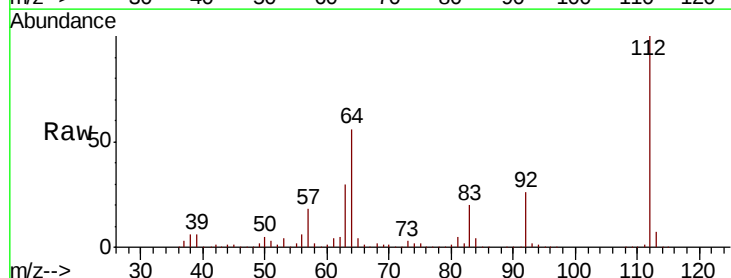
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



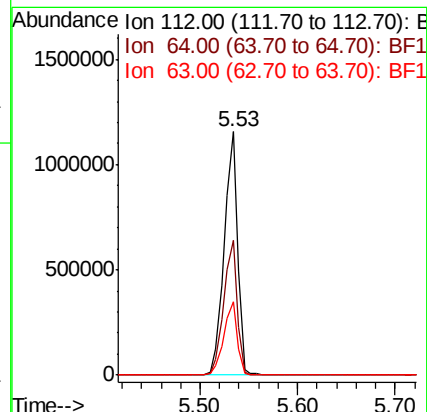
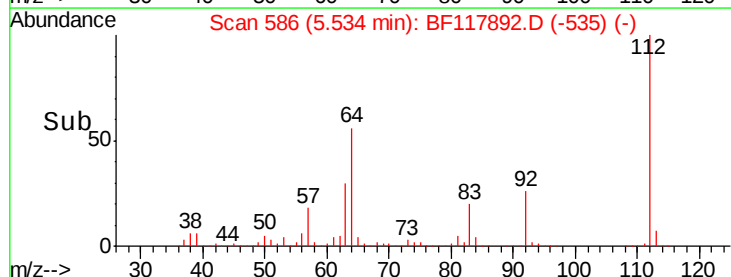
#5

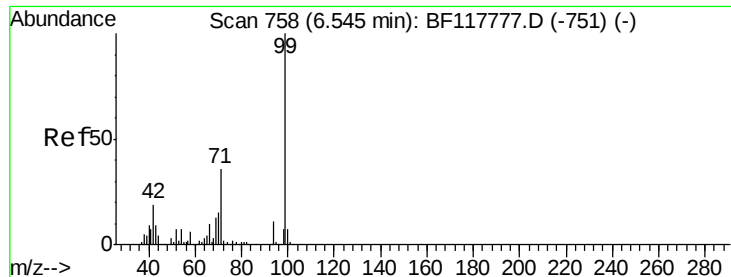
2-Fluorophenol
Concen: 108.023 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Tgt Ion:112 Resp: 1105914
Ion Ratio Lower Upper
112 100
64 55.6 45.6 68.4
63 30.3 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: 116.290 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

Instrument :

BNA_F

ClientSampleId :

B-2

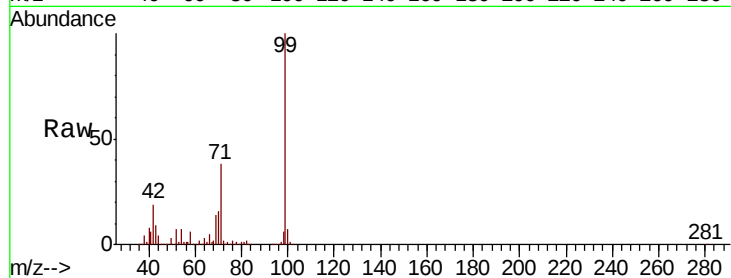
Tot Ion: 99 Resp: 1435997

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	37.6	28.6	43.0

99 100

42 19.0 14.9 22.3

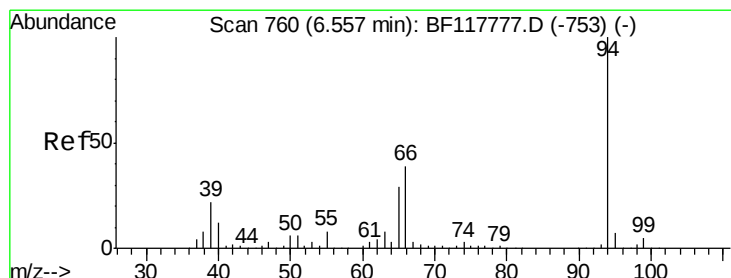
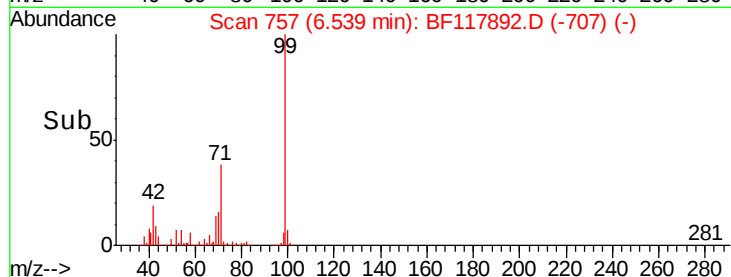
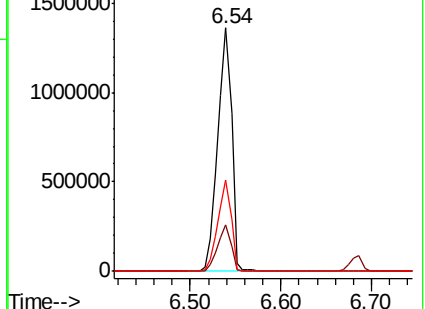
71 37.6 28.6 43.0



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



#10

Phenol

Concen: 2.857 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

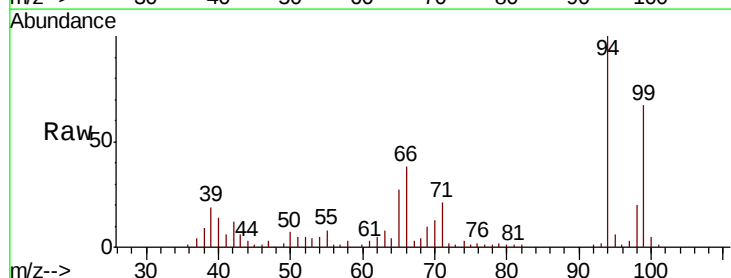
Tgt Ion: 94 Resp: 36665

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.9	48.9
66	37.9	18.7	58.7

94 100

65 26.8 8.9 48.9

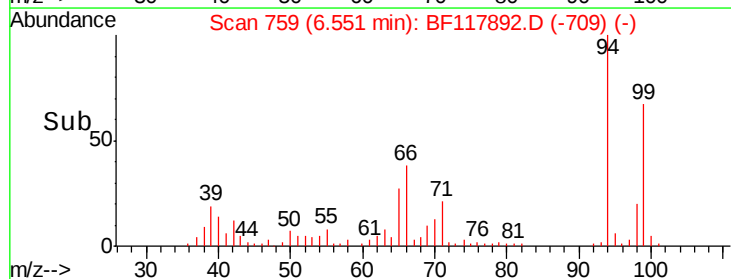
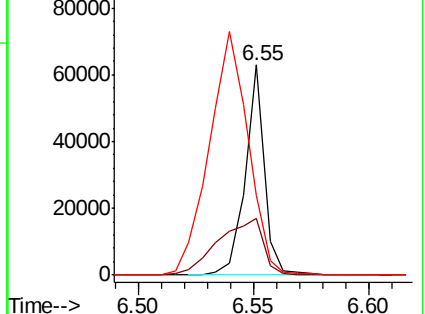
66 37.9 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

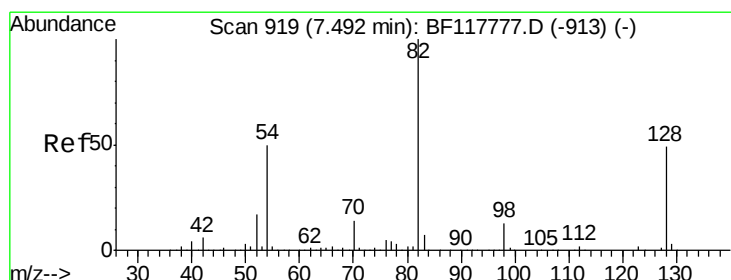
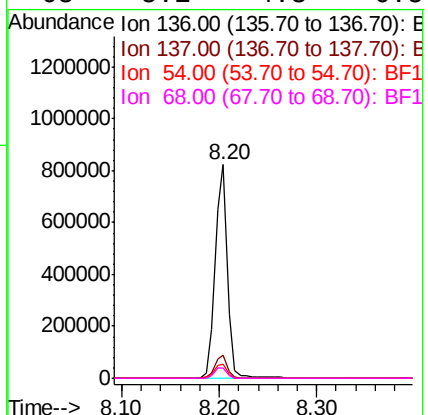
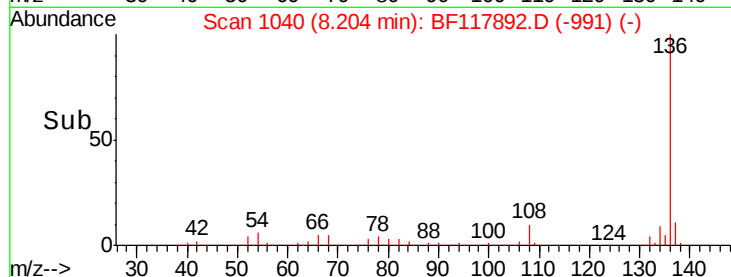
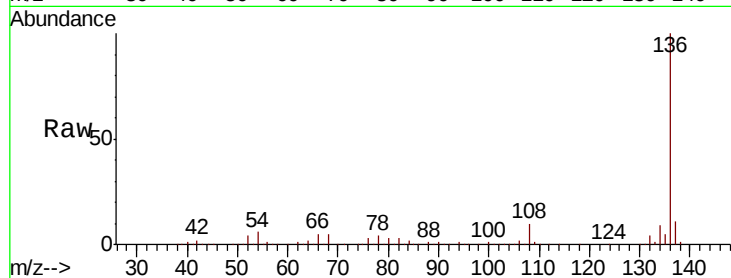




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

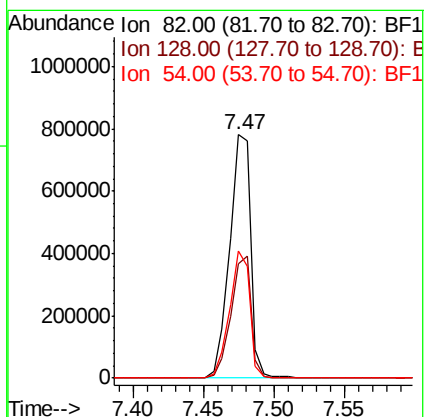
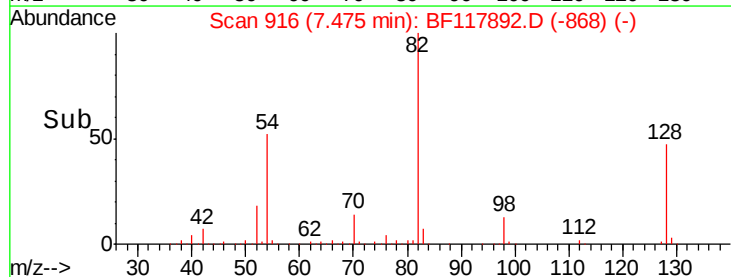
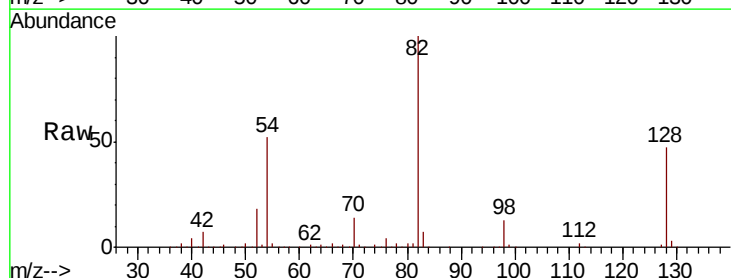
Instrument :
BNA_F
ClientSampleId :
B-2

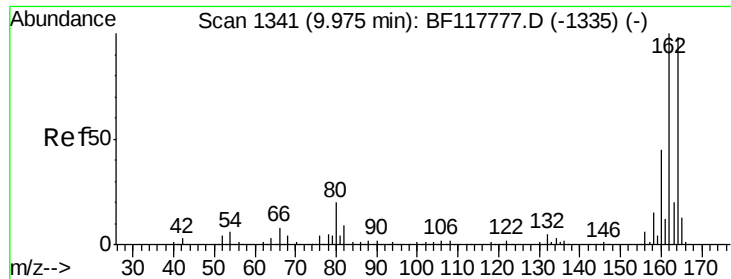
Tot Ion:136	Resp:	713901
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.5	5.4 8.2
68	5.1	4.3 6.5



#23
Nitrobenzene-d5
Concen: 67.834 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Tgt Ion: 82	Resp:	814638
Ion	Ratio	Lower Upper
82	100	
128	47.1	38.9 58.3
54	52.1	39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

Instrument :

BNA_F

ClientSampleId :

B-2

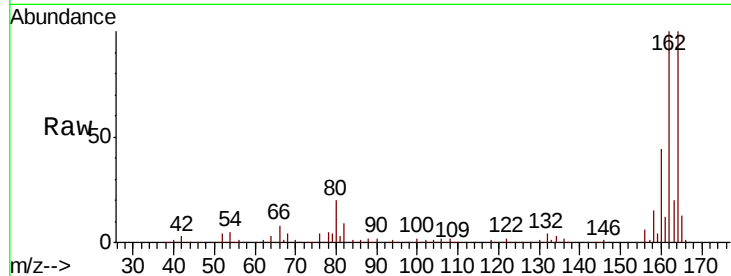
Tot Ion:164 Resp: 380431

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

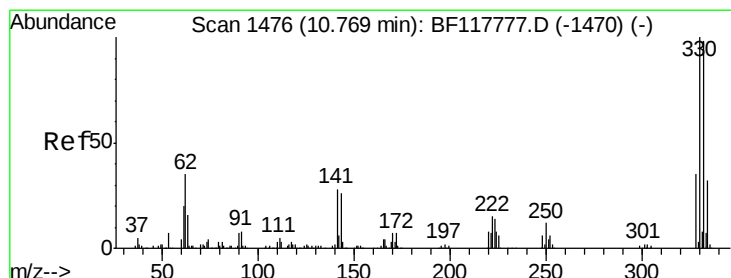
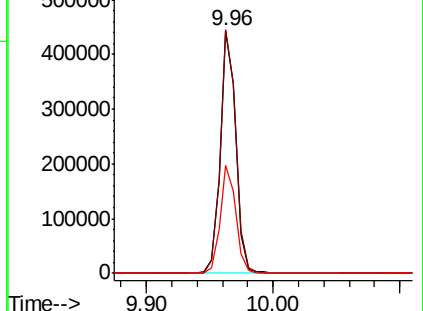
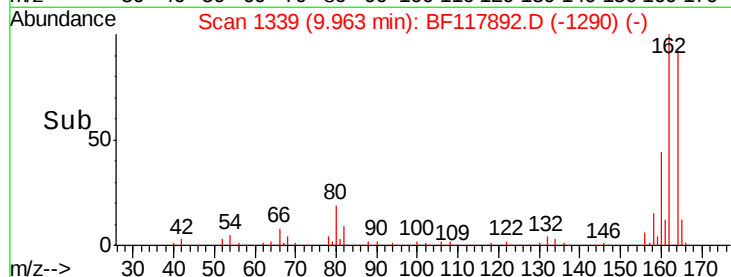
160 44.3 36.6 55.0



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: 114.485 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

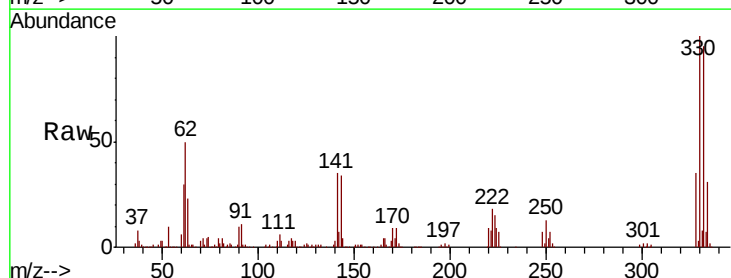
Tgt Ion:330 Resp: 461098

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

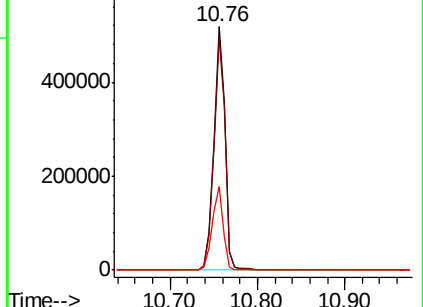
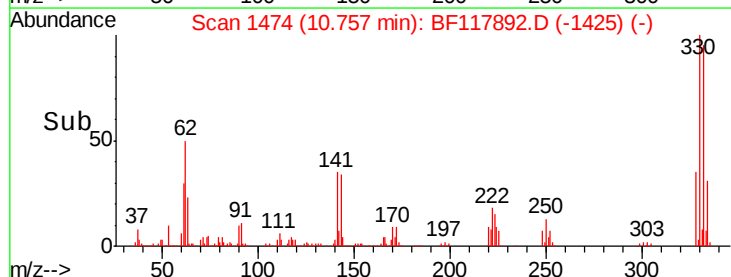
141 34.2 27.7 41.5

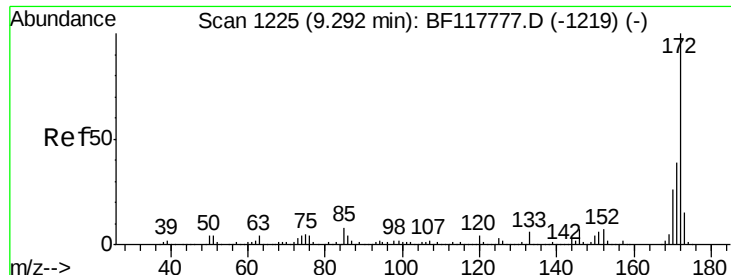


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

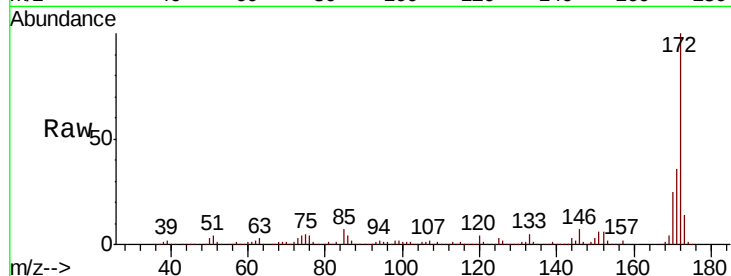




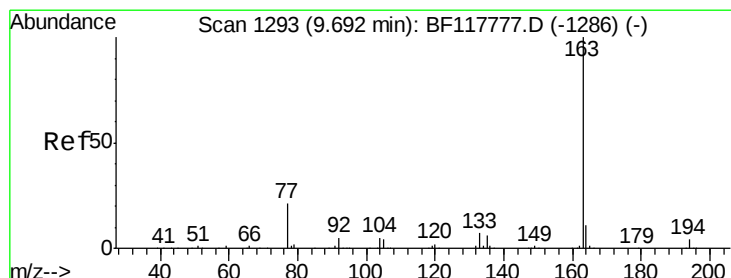
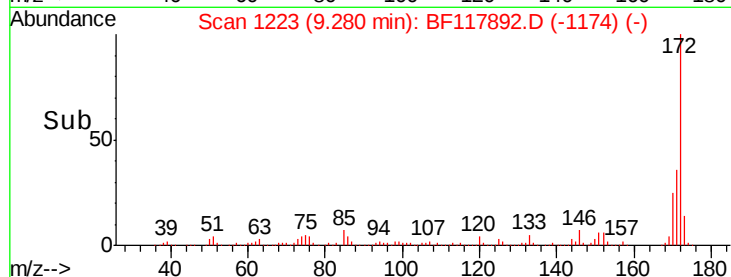
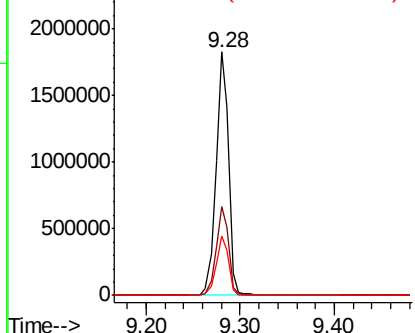
#45
2-Fluorobiphenyl
Concen: 81.055 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:172 Resp: 1718794
Ion Ratio Lower Upper
172 100
171 36.2 30.9 46.3
170 24.6 21.0 31.4

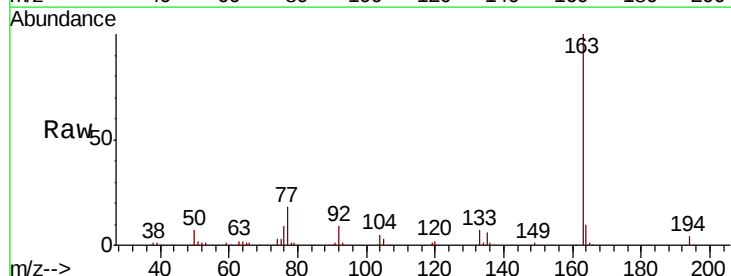


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

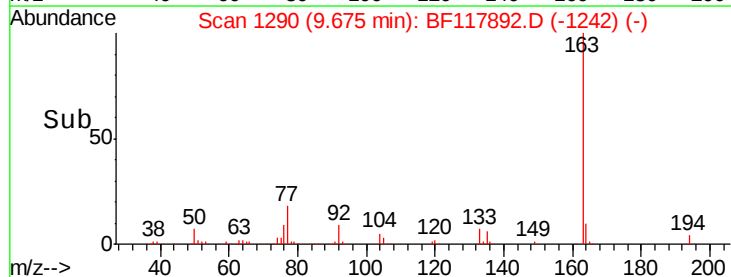
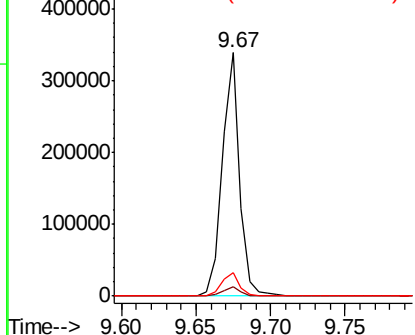


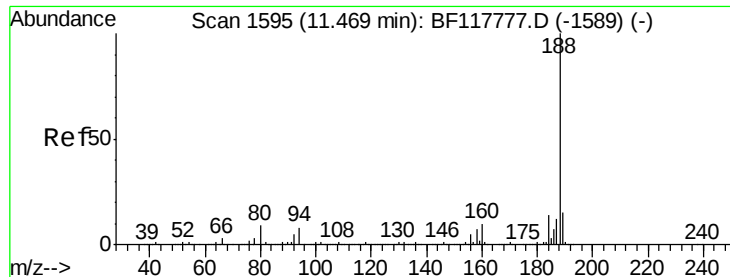
#50
Dimethylphthalate
Concen: 10.365 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Tgt Ion:163 Resp: 276506
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
400000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

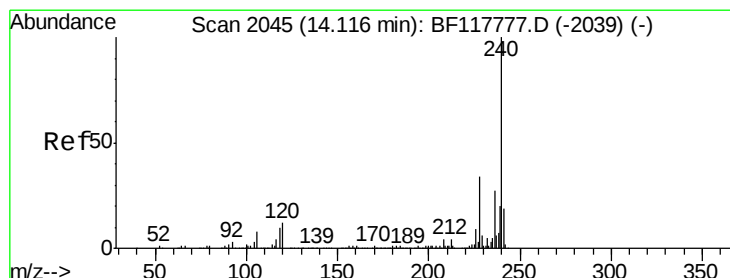
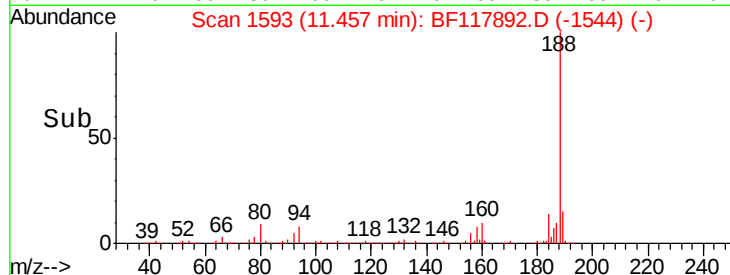
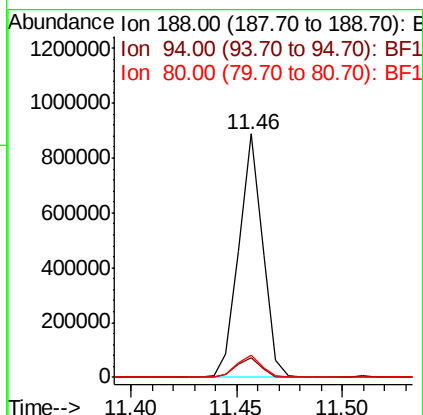
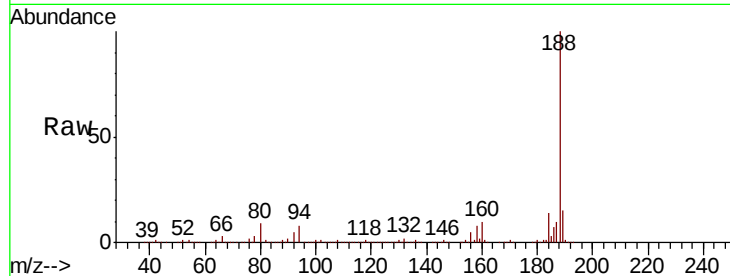




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

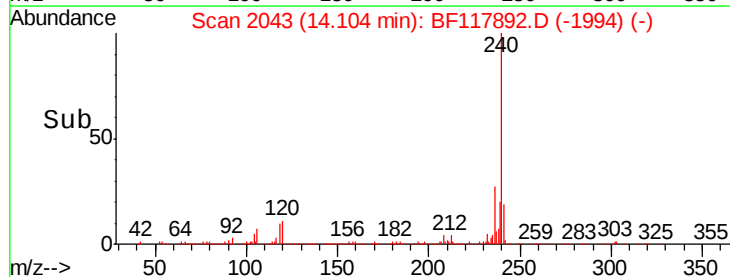
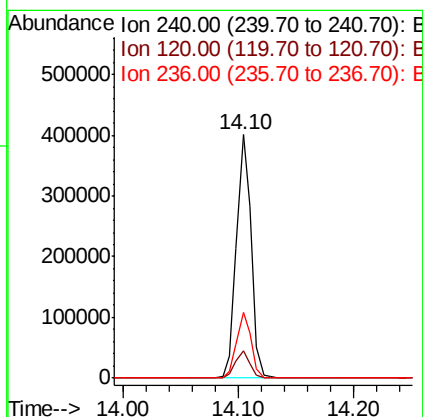
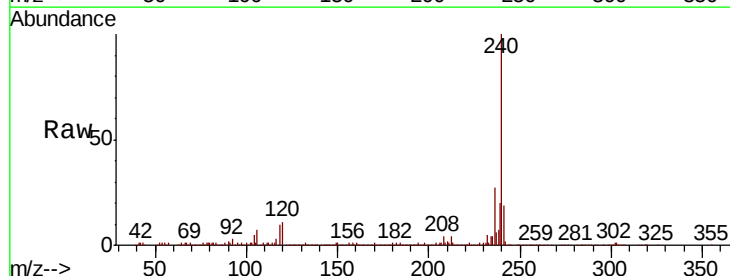
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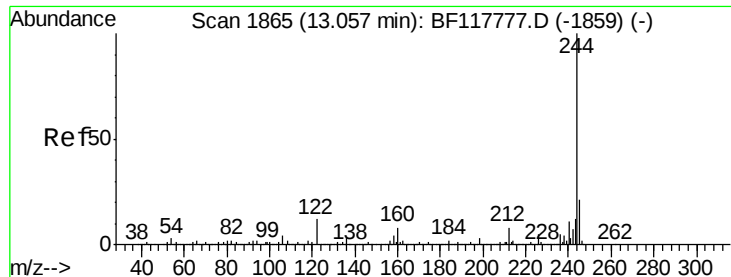
Tot Ion:188 Resp: 692422
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117892.D
Acq: 20 Nov 2019 14:51

Tgt Ion:240 Resp: 354349
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.8 21.3 31.9





#79

Terphenyl-d14

Concen: 93.767 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

Instrument :

BNA_F

ClientSampled :

B-2

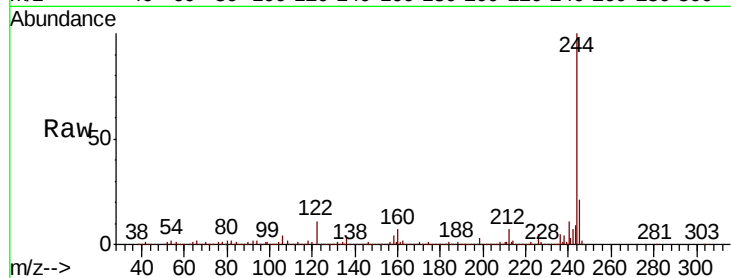
Tot Ion:244 Resp: 1818017

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

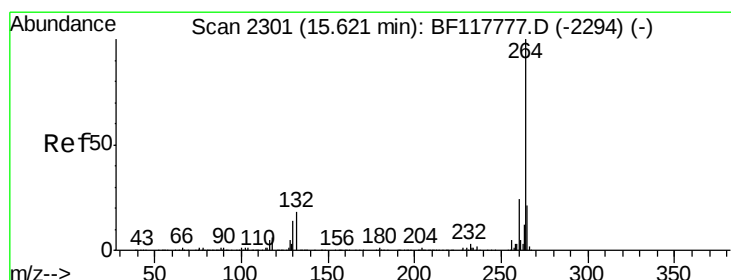
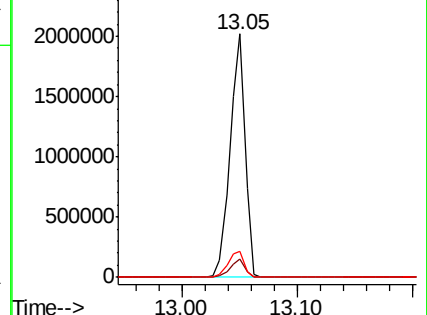
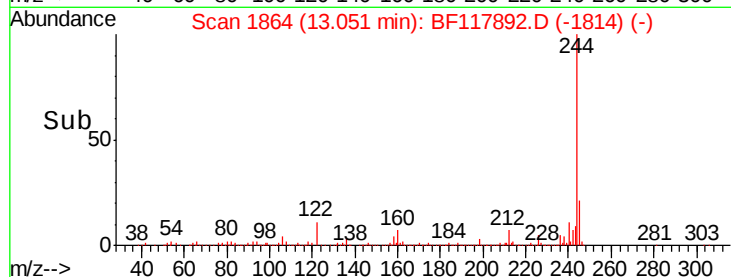
122 10.8 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117892.D

Acq: 20 Nov 2019 14:51

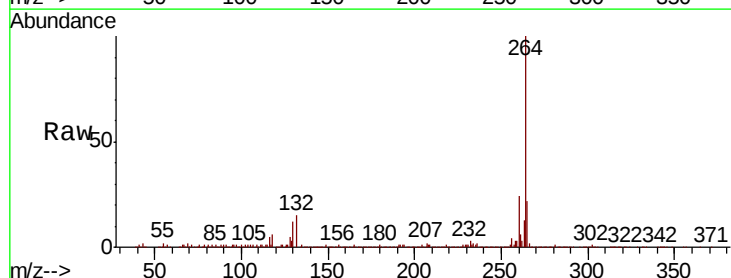
Tgt Ion:264 Resp: 388230

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.1 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

