

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117757.D
 Acq On : 12 Nov 2019 14:15
 Operator : JU
 Sample : K5785-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002-VNJ-221

Quant Time: Nov 12 15:56:37 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

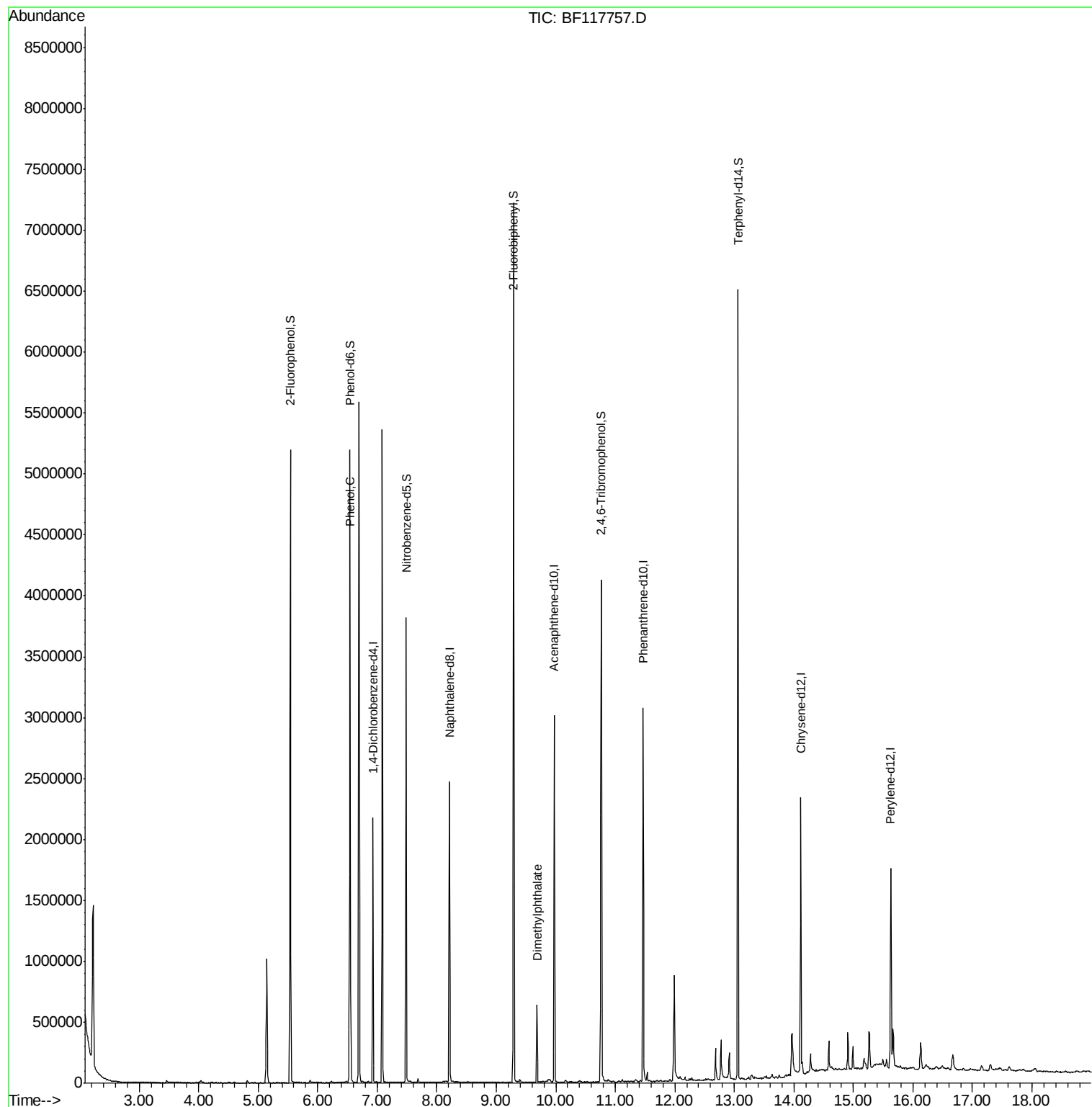
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	291698	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1135057	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	590018	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1079390	20.00	ng	0.00
76) Chrysene-d12	14.12	240	698994	20.00	ng	0.00
87) Perylene-d12	15.63	264	788175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1517610	94.18	ng	0.00
7) Phenol-d6	6.55	99	1910878	96.17	ng	0.00
23) Nitrobenzene-d5	7.49	82	1167828	60.74	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	567395	98.31	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2161510	72.28	ng	0.00
79) Terphenyl-d14	13.06	244	2257706	66.49	ng	0.00
Target Compounds						
10) Phenol	6.56	94	97633	4.560	ng	97
50) Dimethylphthalate	9.69	163	262973	6.593	ng	98

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

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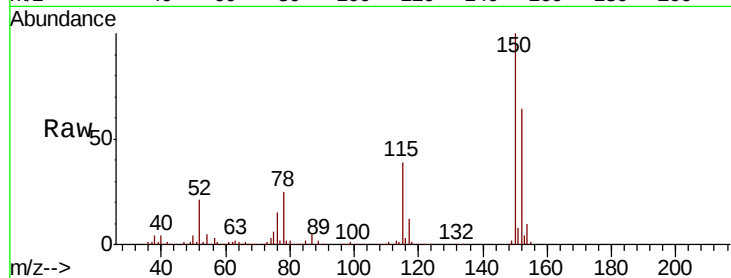


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117757.D
Acq: 12 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
72-12002-VNJ-221

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	190.0
115	60.6	47.6	71.4

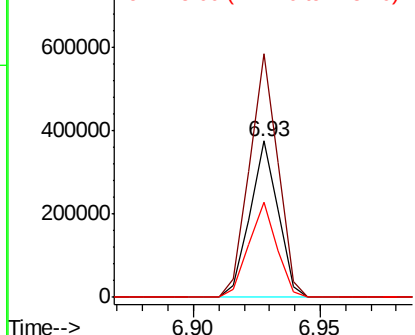
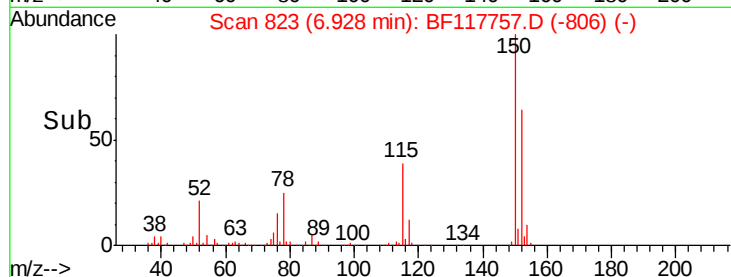


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

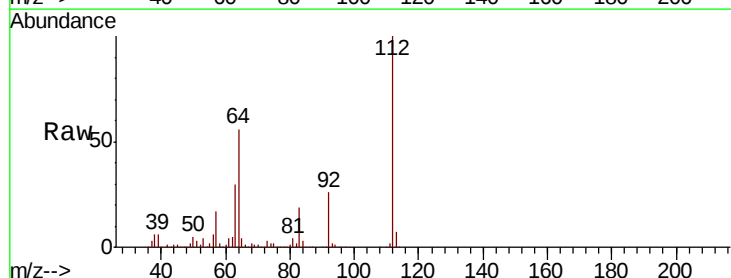
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.176 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117757.D
Acq: 12 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	43.5	65.3
63	29.8	23.5	35.3

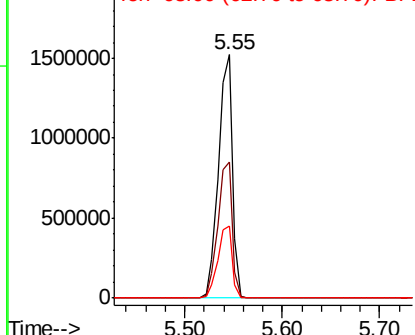
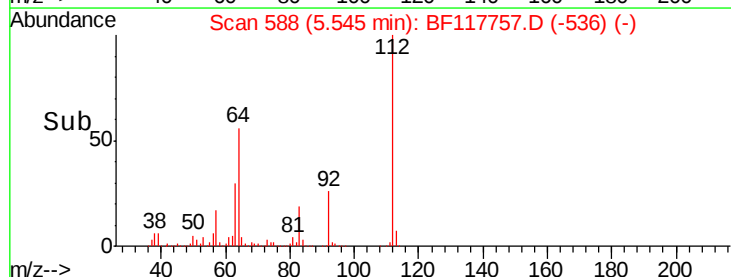


Abundance

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: 96.170 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

72-12002-VNJ-221

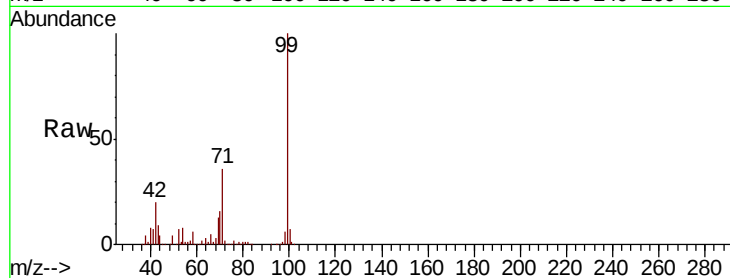
Tot Ion: 99 Resp: 1910878

Ion Ratio Lower Upper

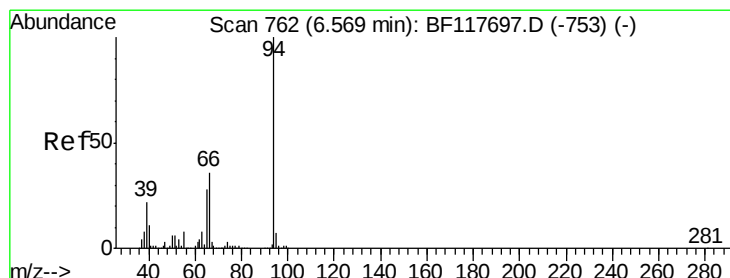
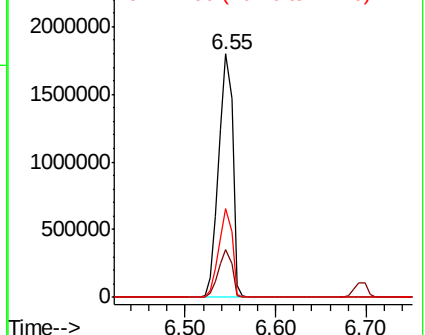
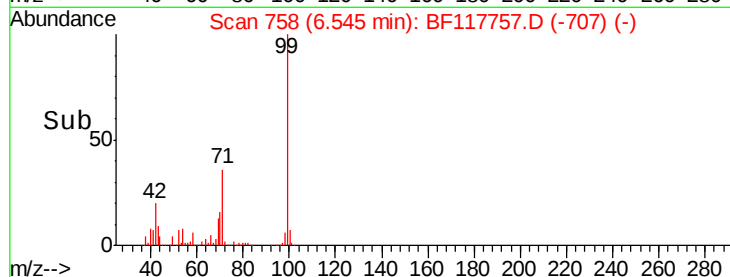
99 100

42 19.6 15.3 22.9

71 36.2 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



#10

Phenol

Concen: 4.560 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

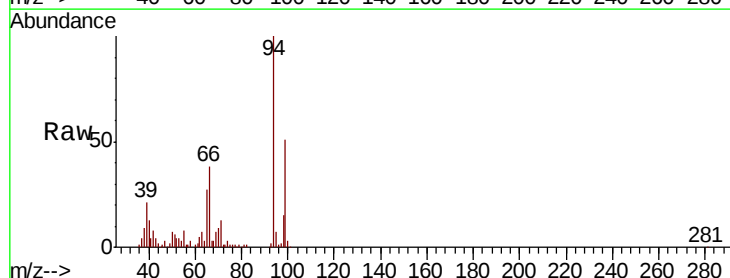
Tgt Ion: 94 Resp: 97633

Ion Ratio Lower Upper

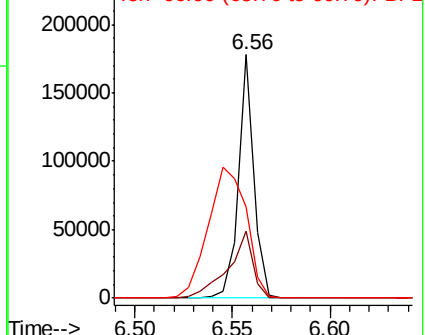
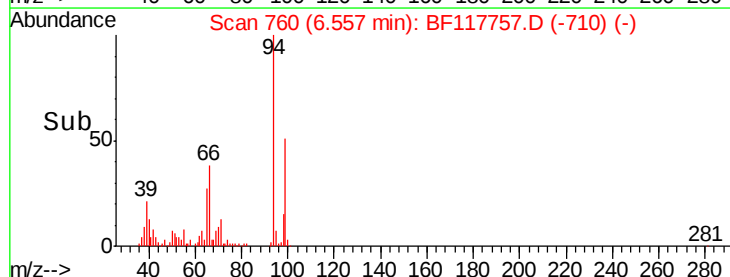
94 100

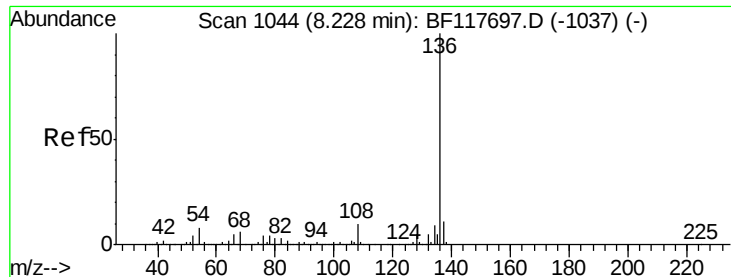
65 27.5 6.4 46.4

66 37.5 14.9 54.9



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: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

72-12002-VNJ-221

Tot Ion:136 Resp: 1135057

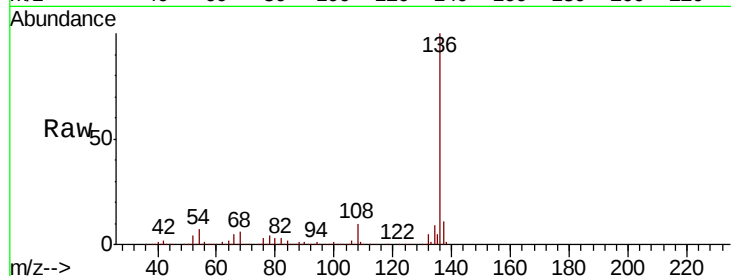
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.1 6.1 9.1

68 5.6 4.6 7.0

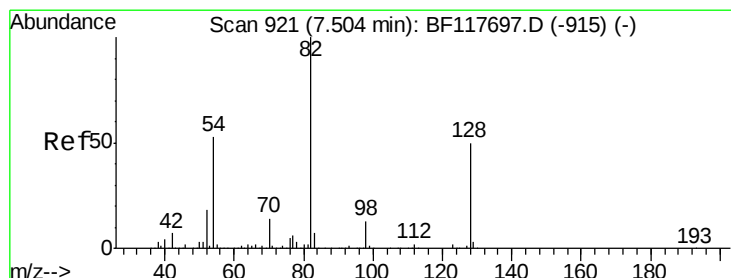
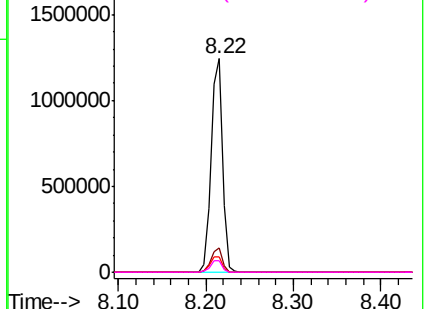
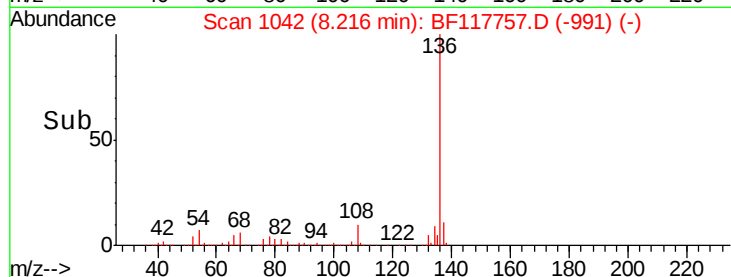


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.744 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

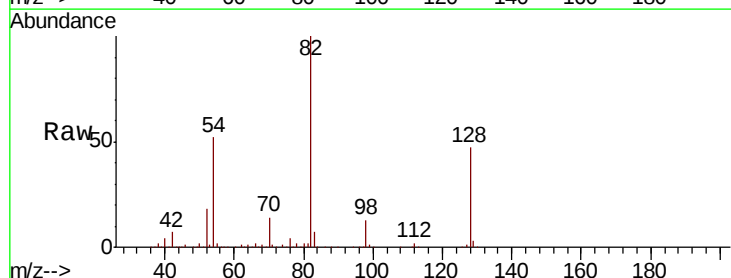
Tgt Ion: 82 Resp: 1167828

Ion Ratio Lower Upper

82 100

128 47.5 38.7 58.1

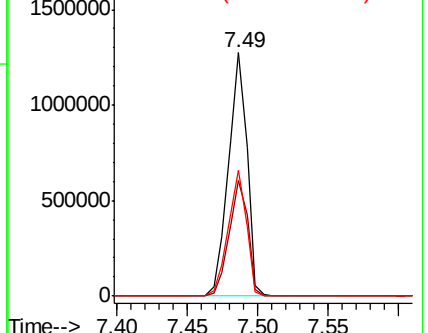
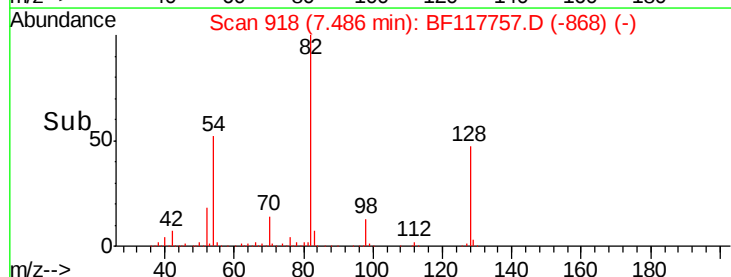
54 51.8 41.4 62.2

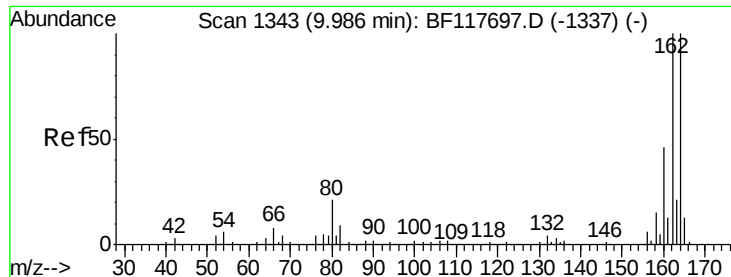


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

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: BF117757.D

Acq: 12 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

72-12002-VNJ-221

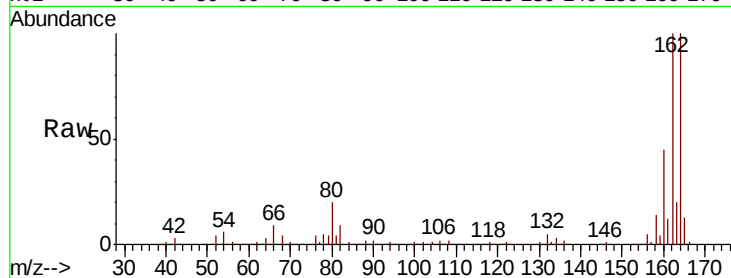
Tot Ion:164 Resp: 590018

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

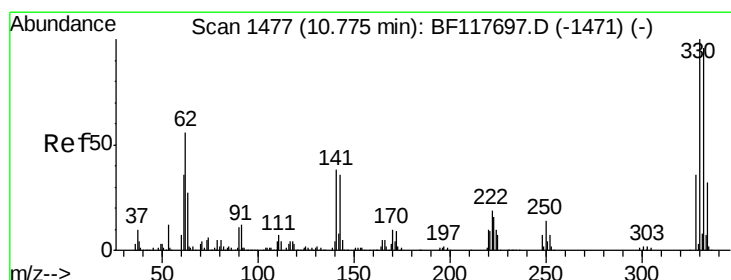
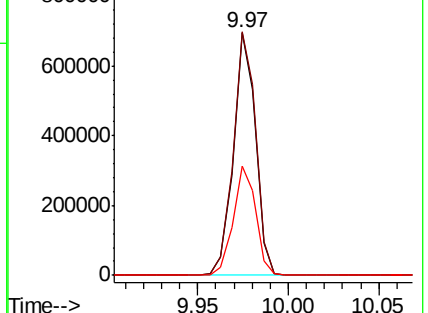
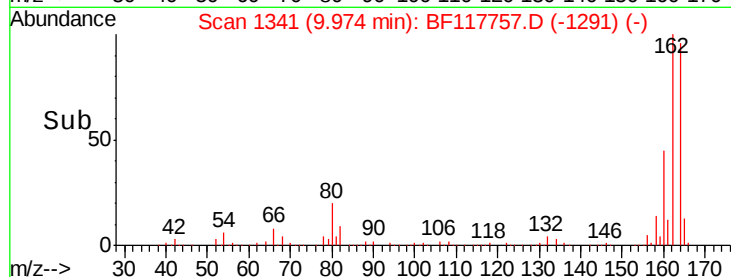
160 45.0 36.3 54.5



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: 98.306 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

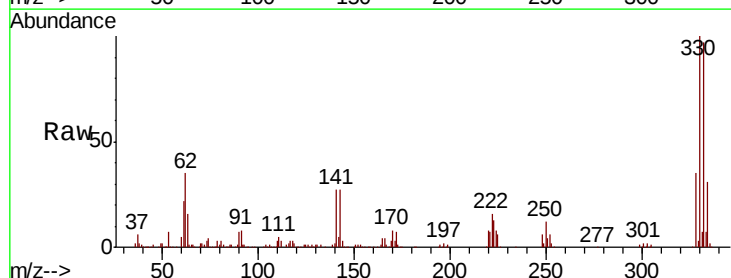
Tgt Ion:330 Resp: 567395

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

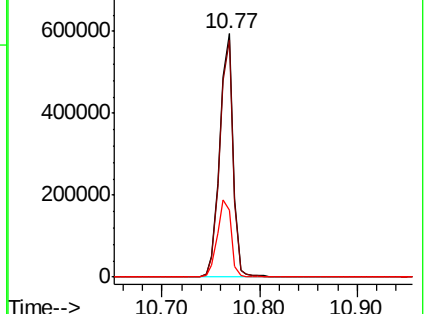
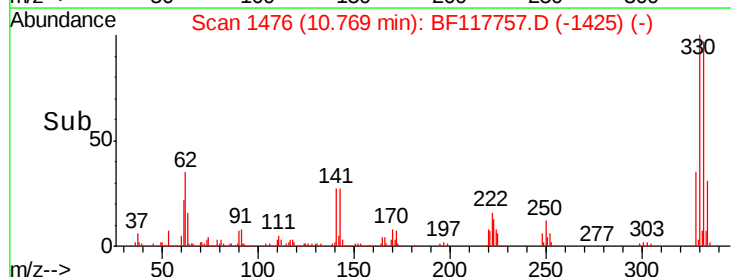
141 33.0 26.5 39.7

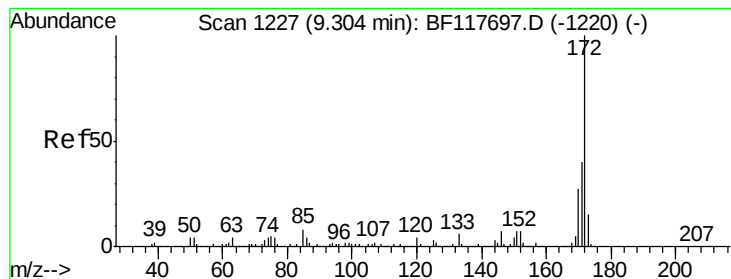


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 72.281 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

72-12002-VNJ-221

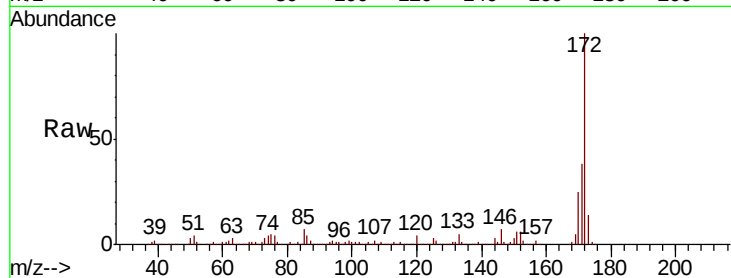
Tot Ion:172 Resp: 2161510

Ion Ratio Lower Upper

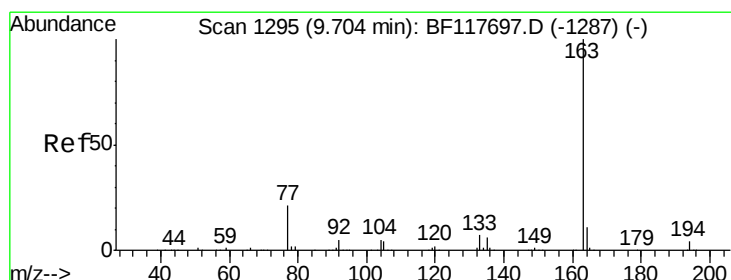
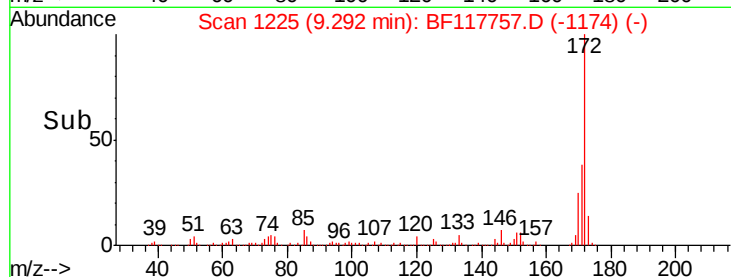
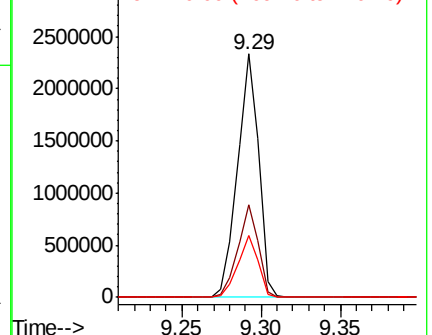
172 100

171 38.0 30.7 46.1

170 25.2 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



#50

Dimethylphthalate

Concen: 6.593 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

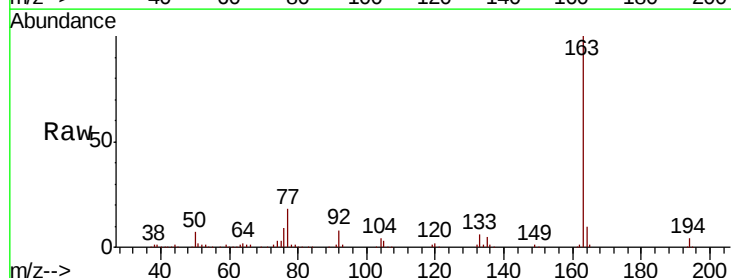
Tgt Ion:163 Resp: 262973

Ion Ratio Lower Upper

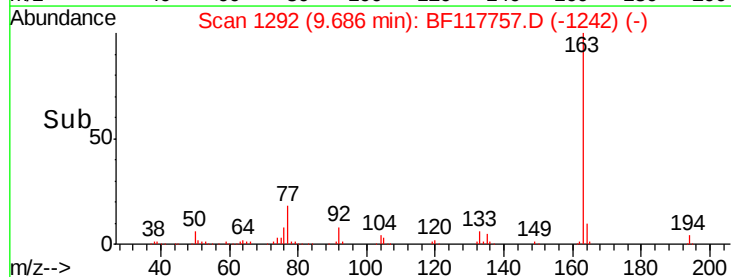
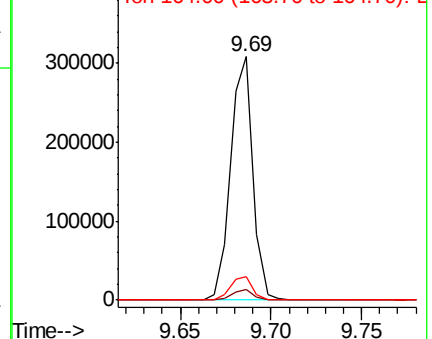
163 100

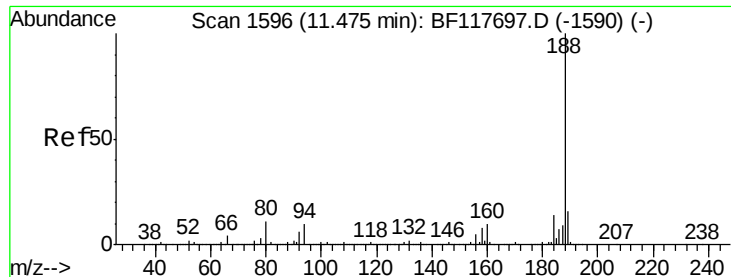
194 4.1 3.2 4.8

164 9.8 8.6 13.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

Instrument :

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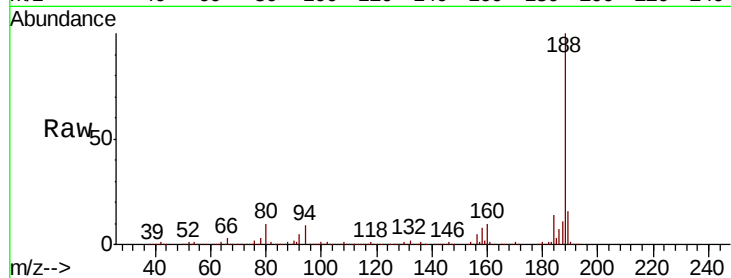
Tot Ion:188 Resp: 1079390

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

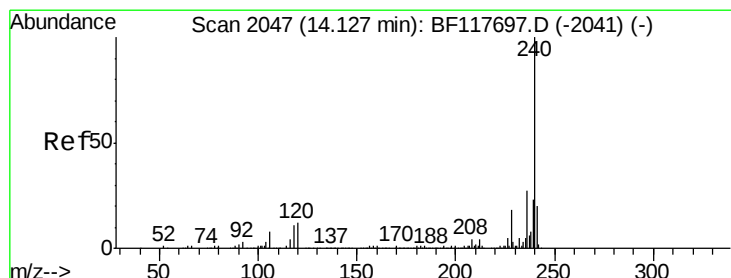
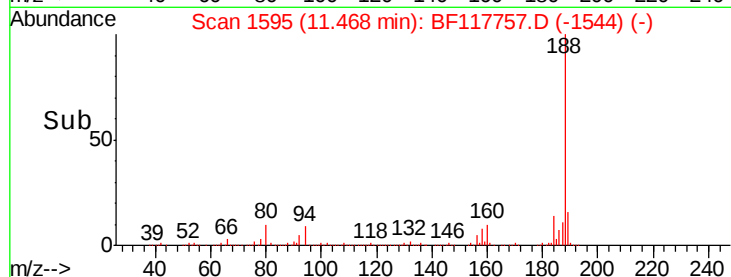
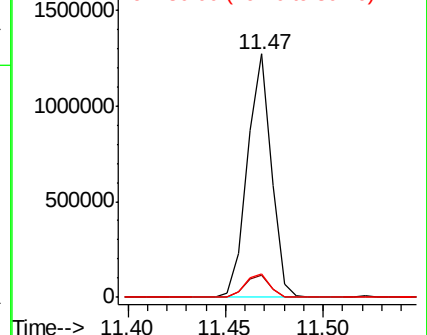
80 9.8 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

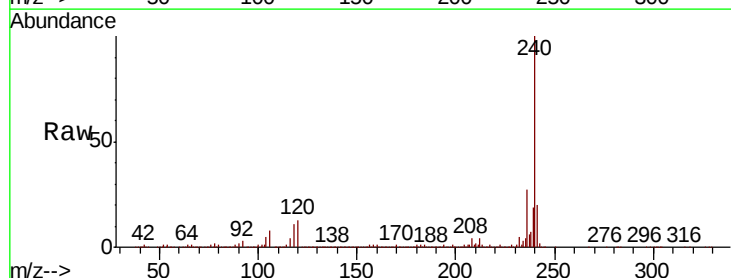
Tgt Ion:240 Resp: 698994

Ion Ratio Lower Upper

240 100

120 12.7 9.3 13.9

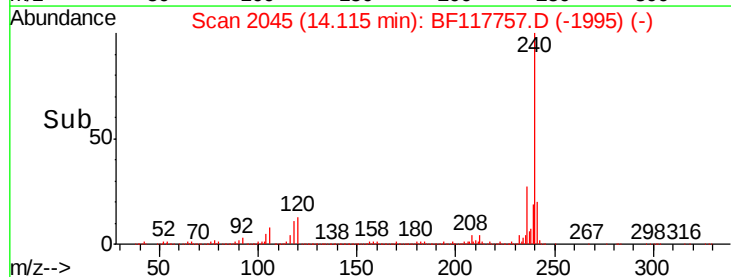
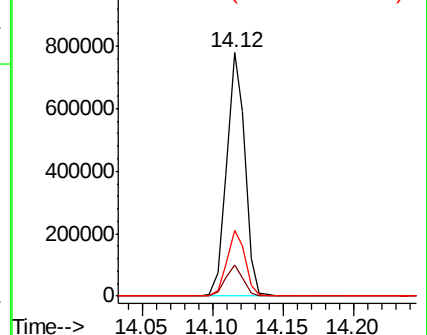
236 27.1 21.4 32.0

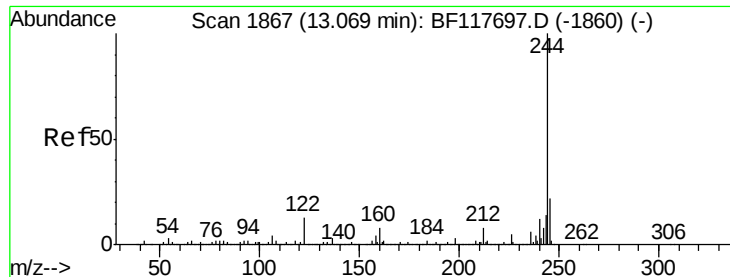


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.491 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BF117757.D

Acq: 12 Nov 2019 14:15

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72-12002-VNJ-221

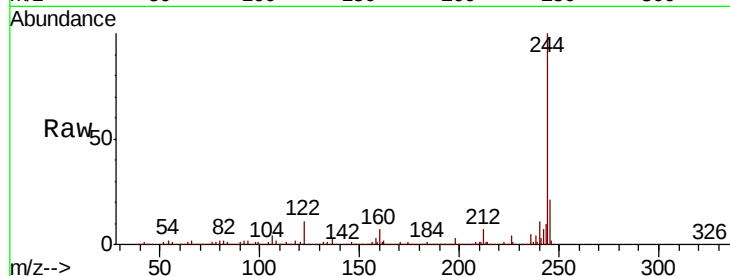
Tot Ion:244 Resp: 2257706

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

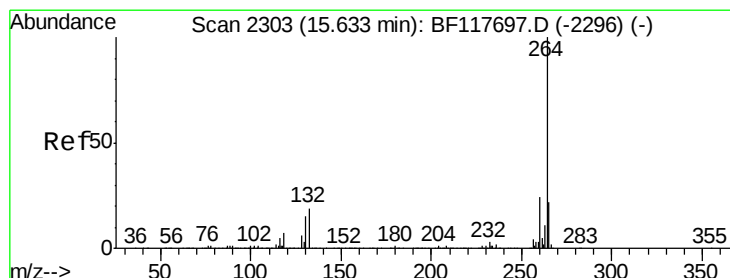
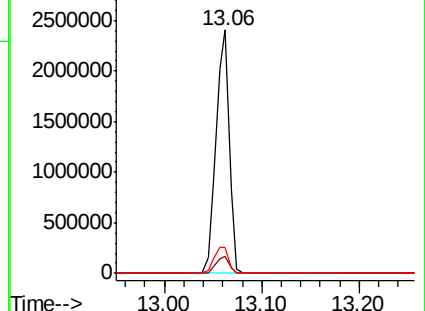
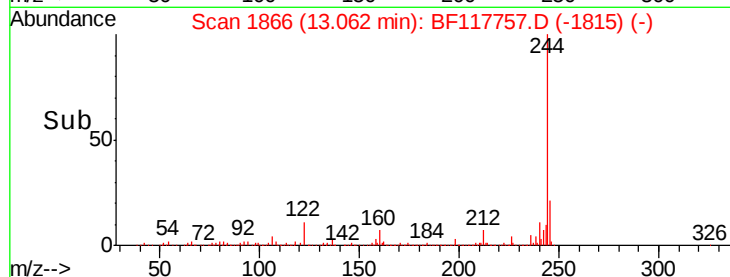
122 10.9 9.1 13.7



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: BF117757.D

Acq: 12 Nov 2019 14:15

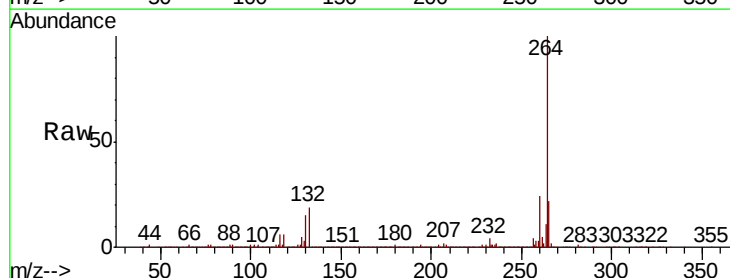
Tgt Ion:264 Resp: 788175

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.9 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

