

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116777.D
 Acq On : 3 Sep 2019 17:25
 Operator : HP/JU
 Sample : K4554-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-(0-2)

Quant Time: Sep 04 06:51:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

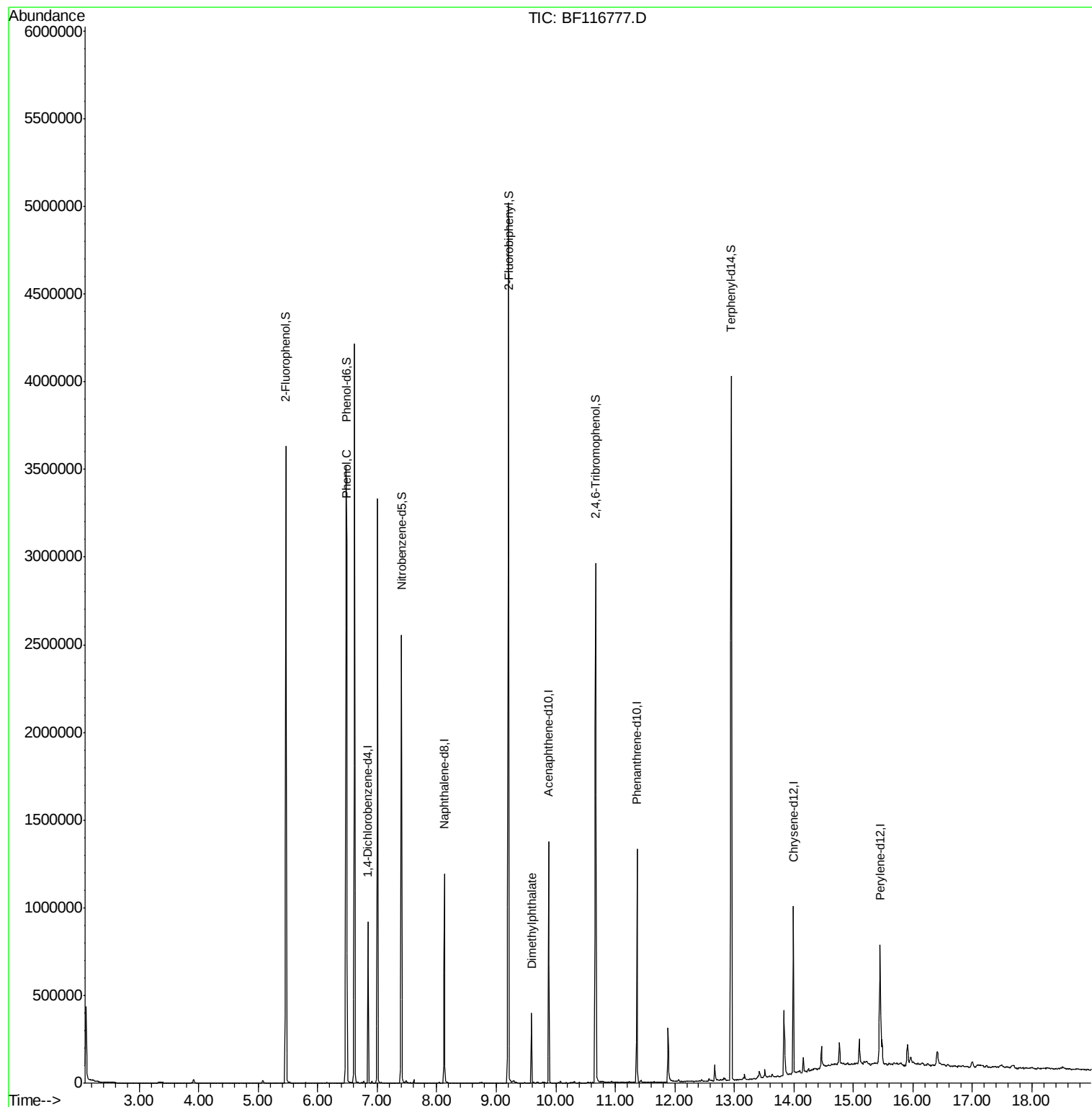
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129675	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502538	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	256682	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	426592	20.00	ng	0.00
76) Chrysene-d12	13.99	240	279299	20.00	ng	0.00
87) Perylene-d12	15.44	264	303250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1147554	143.37	ng	0.00
7) Phenol-d6	6.48	99	1557272	148.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	950278	107.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	327848	191.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1522580	100.06	ng	0.00
79) Terphenyl-d14	12.94	244	1467727	97.22	ng	0.00
Target Compounds						
10) Phenol	6.49	94	108678	9.338	ng	92
50) Dimethylphthalate	9.59	163	147906	8.346	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: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Instrument :

BNA_F

ClientSampleId :

SB-13-(0-2)

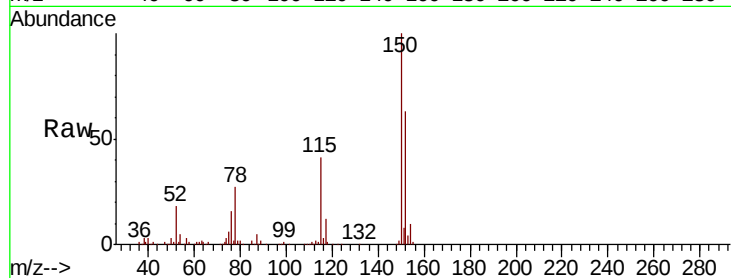
Tot Ion:152 Resp: 129675

Ion Ratio Lower Upper

152 100

150 158.5 124.4 186.6

115 65.4 49.9 74.9

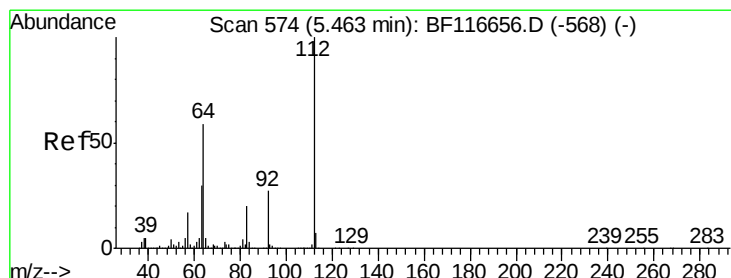
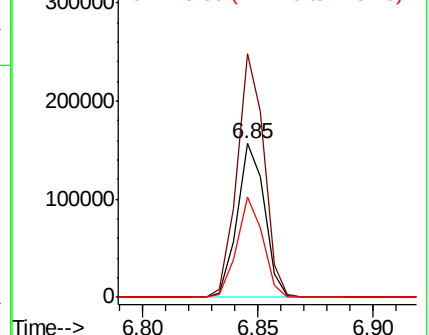
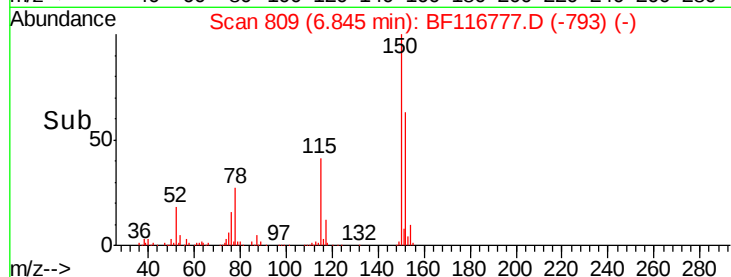


Abundance

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: 143.366 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

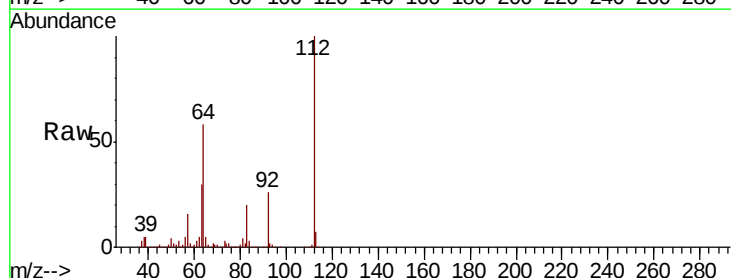
Tgt Ion:112 Resp: 1147554

Ion Ratio Lower Upper

112 100

64 58.4 47.1 70.7

63 29.8 24.9 37.3

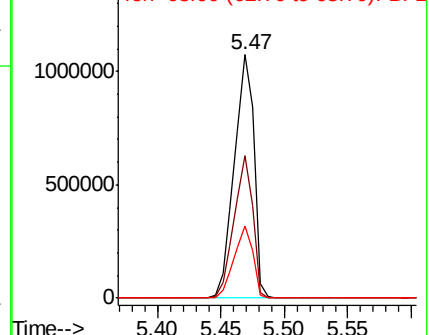
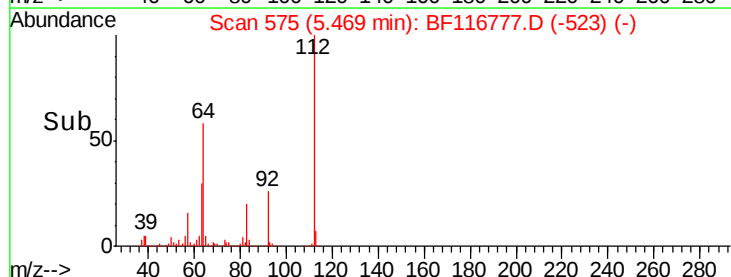


Abundance

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: 148.162 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Instrument :

BNA_F

ClientSampleId :

SB-13-(0-2)

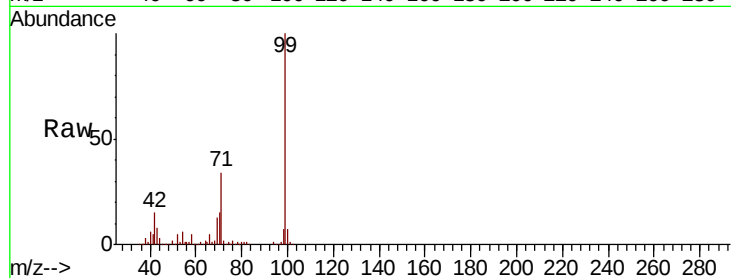
Tot Ion: 99 Resp: 1557272

Ion Ratio Lower Upper

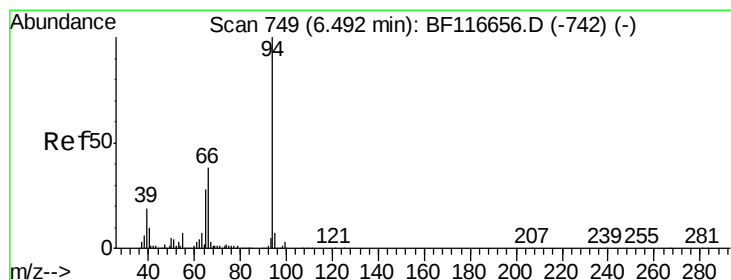
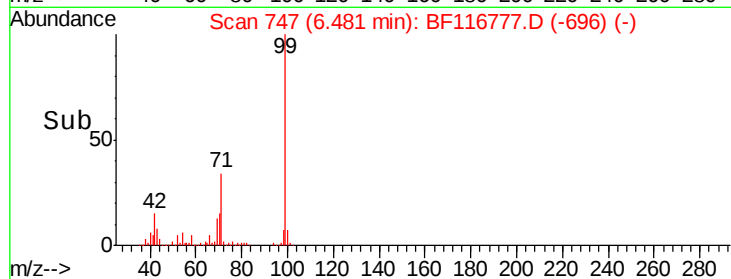
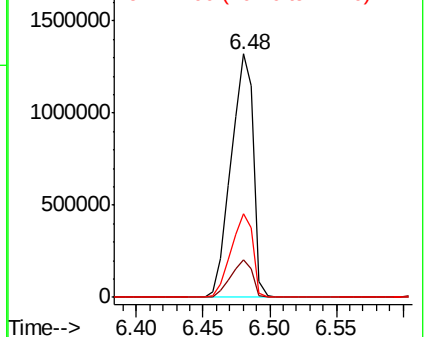
99 100

42 15.4 13.7 20.5

71 34.3 30.8 46.2



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: 9.338 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

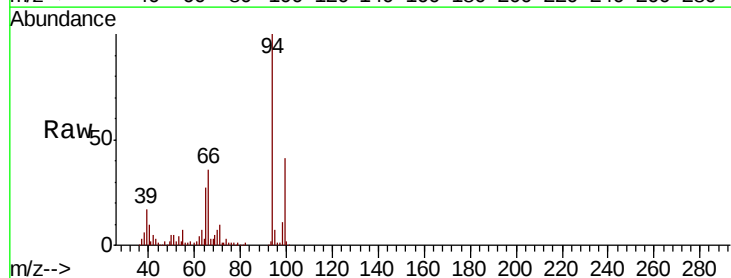
Tgt Ion: 94 Resp: 108678

Ion Ratio Lower Upper

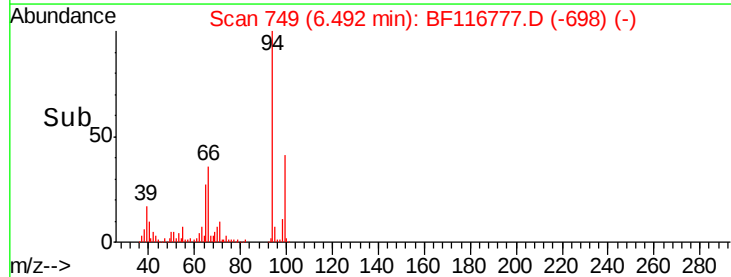
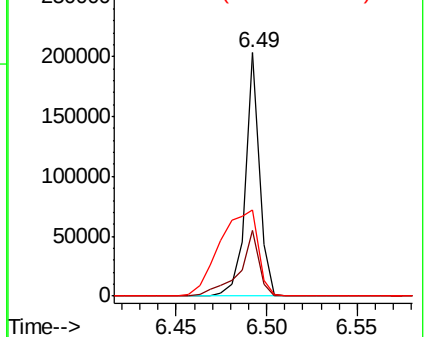
94 100

65 27.0 10.8 50.8

66 35.5 21.1 61.1



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

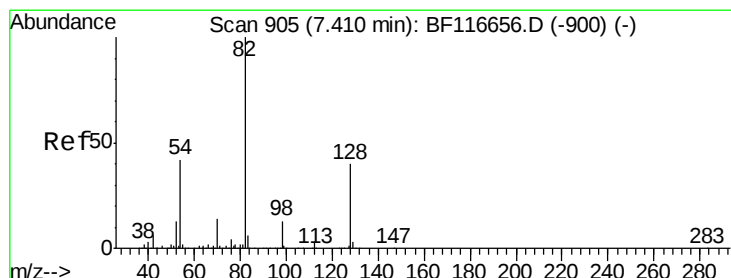
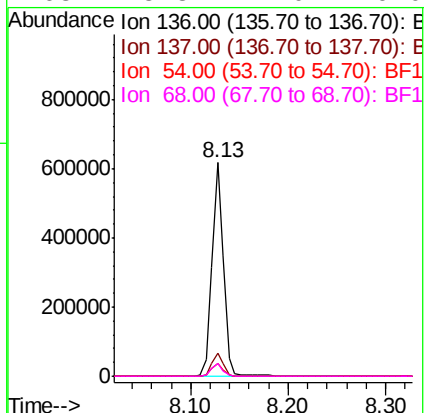
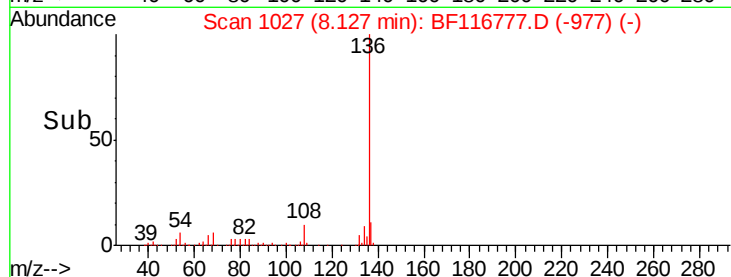
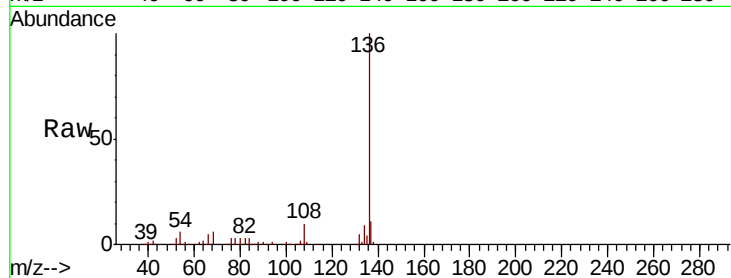




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

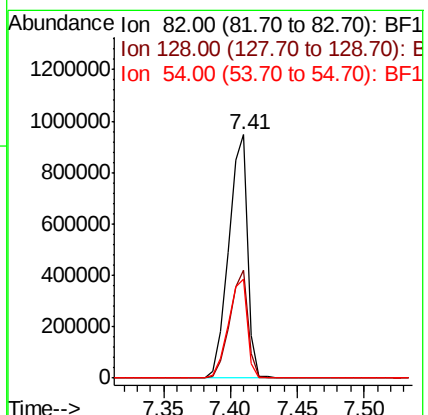
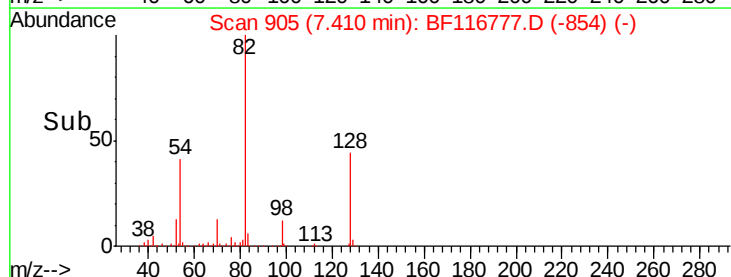
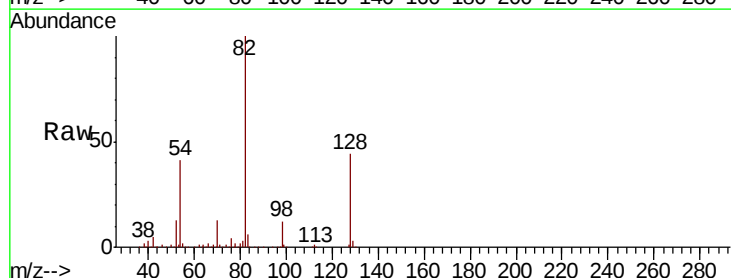
Instrument :
BNA_F
ClientSampleId :
SB-13-(0-2)

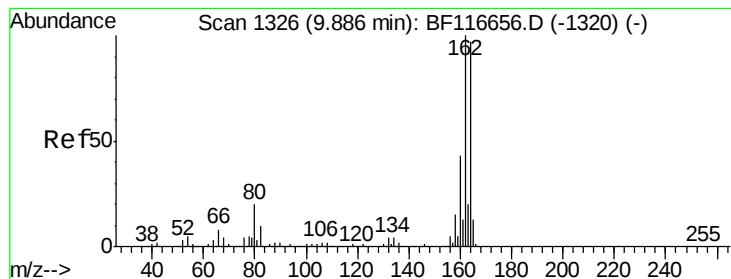
Tot Ion:136	Resp:	502538
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.2	4.8	7.2
68 5.8	4.0	6.0



#23
Nitrobenzene-d5
Concen: 107.950 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion: 82	Resp: 950278
Ion Ratio	Lower Upper
82 100	
128 44.1	32.8 49.2
54 40.6	36.9 55.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

Instrument :

BNA_F

ClientSampleId :

SB-13-(0-2)

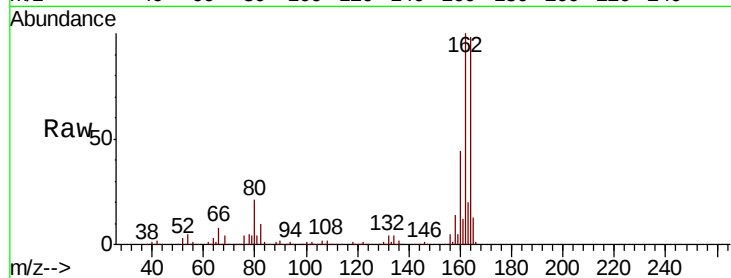
Tot Ion:164 Resp: 256682

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

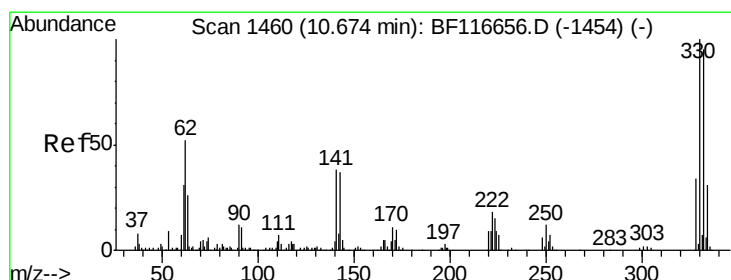
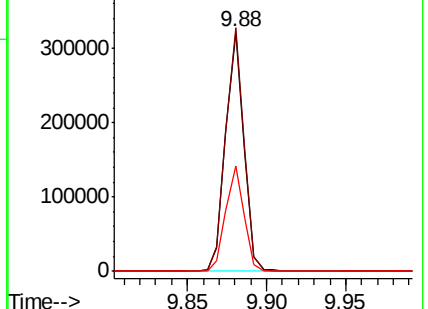
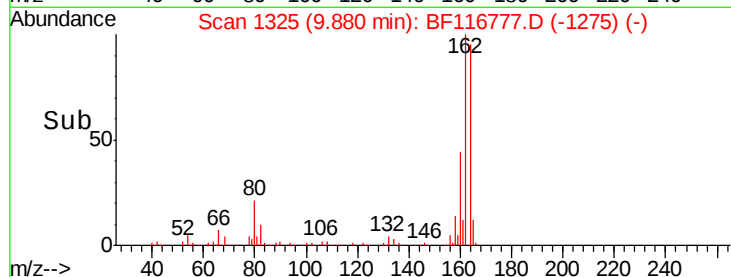
160 44.3 35.4 53.2



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: 191.057 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116777.D

Acq: 3 Sep 2019 17:25

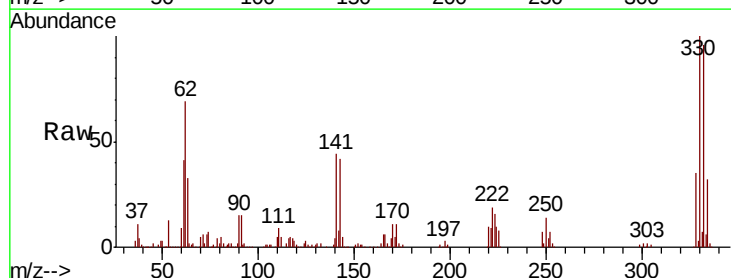
Tgt Ion:330 Resp: 327848

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

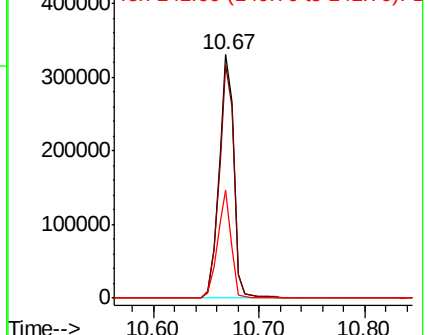
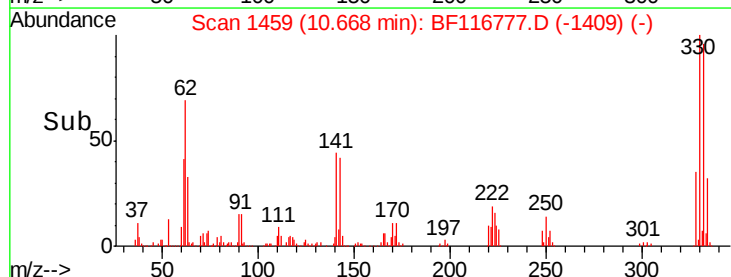
141 41.5 31.4 47.2



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

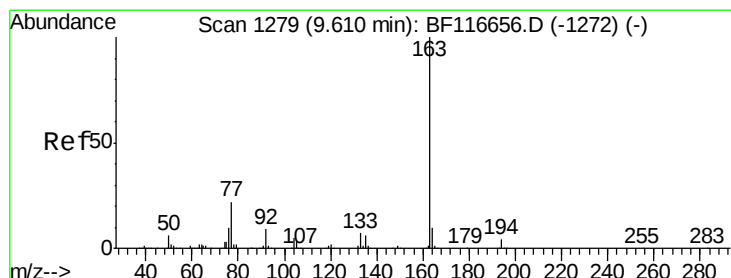
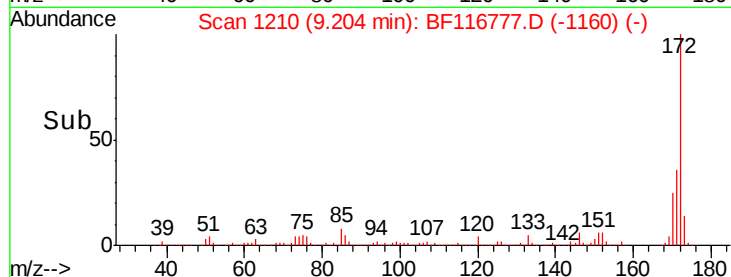
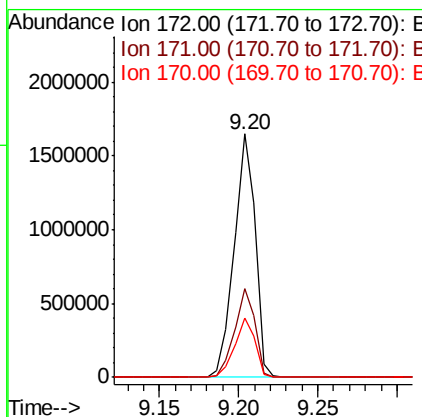
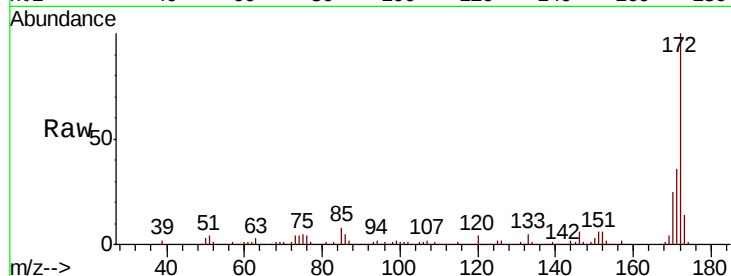




#45
2-Fluorobiphenyl
Concen: 100.063 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

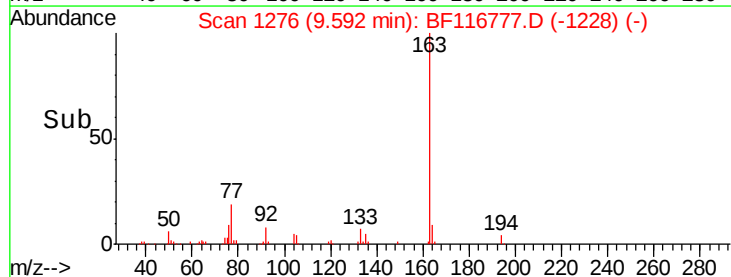
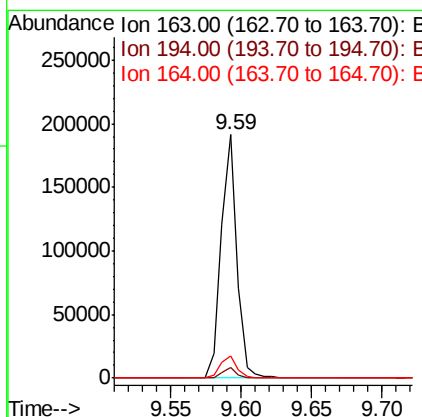
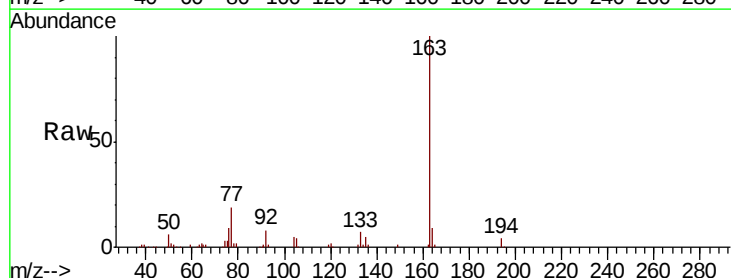
Instrument :
BNA_F
ClientSampleId :
SB-13-(0-2)

Tot Ion:172 Resp: 1522580
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.6
170 24.5 18.9 28.3



#50
Dimethylphthalate
Concen: 8.346 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion:163 Resp: 147906
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.4 8.6 12.8

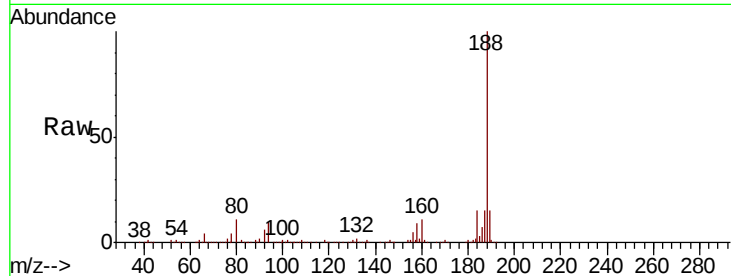




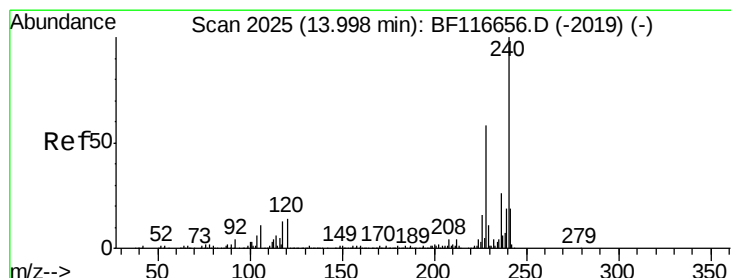
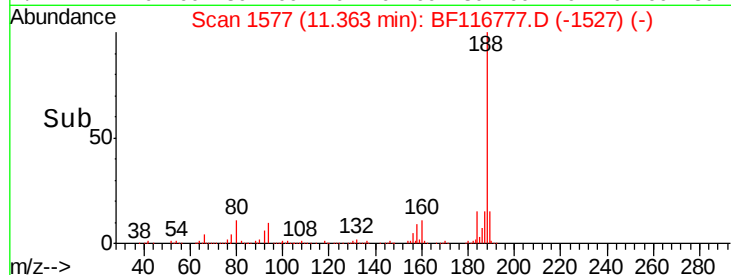
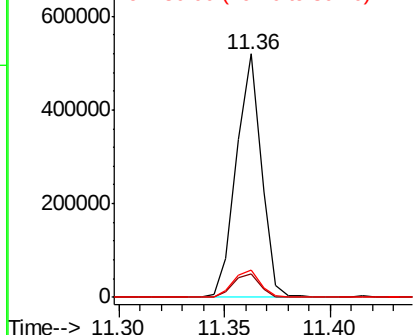
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2

Tot Ion:188 Resp: 426592
Ion Ratio Lower Upper
188 100
94 9.9 7.3 10.9
80 11.5 8.4 12.6

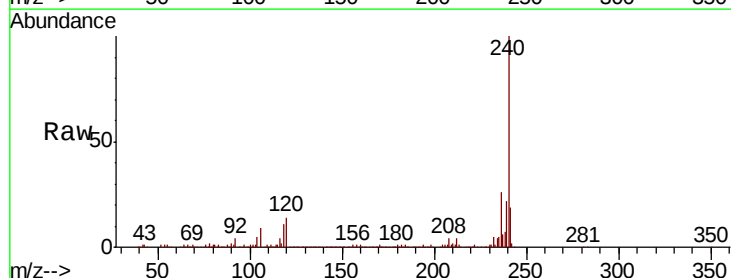


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

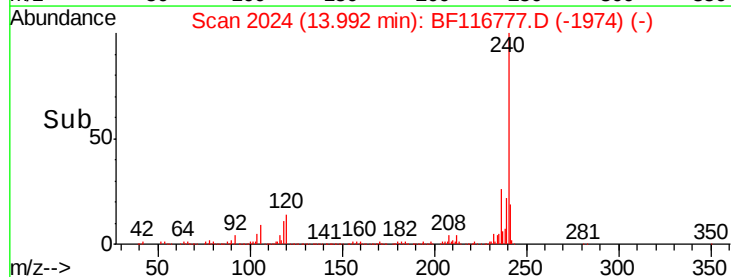
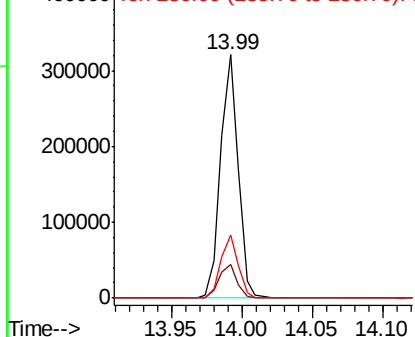


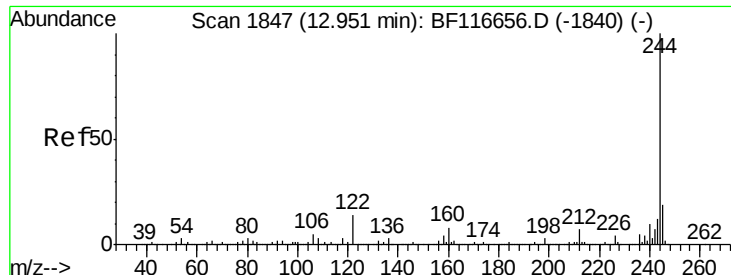
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116777.D
Acq: 3 Sep 2019 17:25

Tgt Ion:240 Resp: 279299
Ion Ratio Lower Upper
240 100
120 13.8 9.1 13.7#
236 26.2 21.1 31.7



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

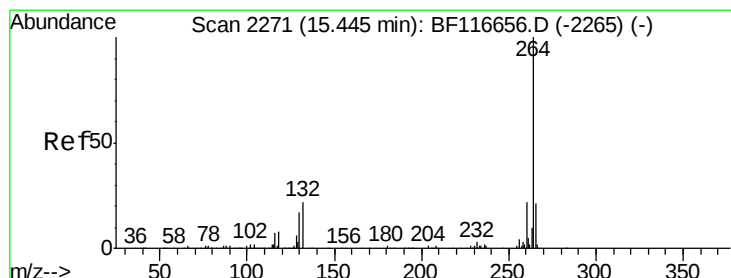
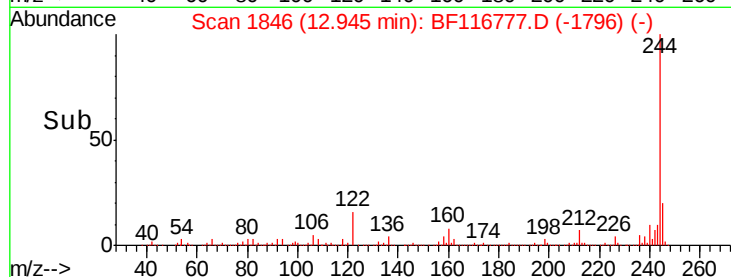
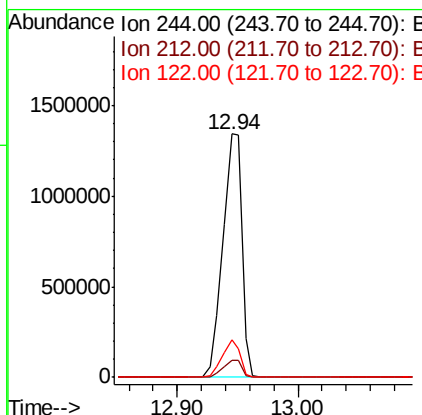
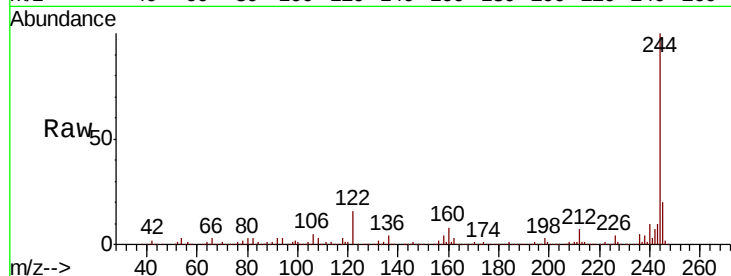




#79
 Terphenyl-d14
 Concen: 97.215 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-(0-2)

Tot Ion:244 Resp: 1467727
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 15.5 10.2 15.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF116777.D
 Acq: 3 Sep 2019 17:25

Tgt Ion:264 Resp: 303250
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 21.9 16.5 24.7

