

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116787.D
 Acq On : 3 Sep 2019 21:53
 Operator : HP/JU
 Sample : K4580-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 06:05:29 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

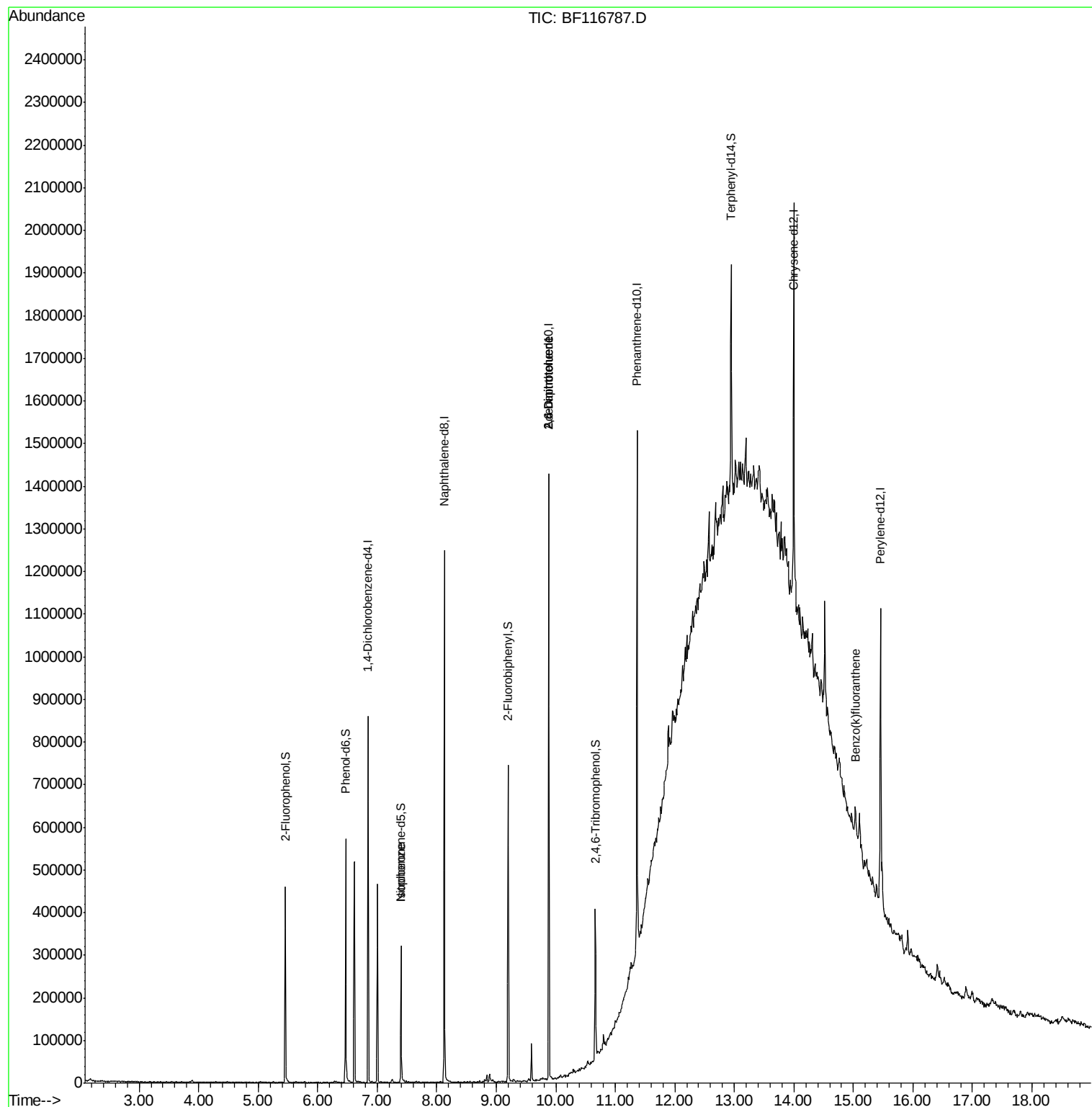
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123875	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	518333	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	262549	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	408954	20.00	ng	0.00
76) Chrysene-d12	14.00	240	294056	20.00	ng	0.00
87) Perylene-d12	15.46	264	314148	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	131913	17.25	ng	0.00
7) Phenol-d6	6.47	99	185899	18.51	ng	-0.01
23) Nitrobenzene-d5	7.40	82	104139	11.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	35802	20.40	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	211524	13.59	ng	-0.01
79) Terphenyl-d14	12.94	244	181335	11.41	ng	0.00
Target Compounds						
25) Isophorone	7.40	82	104138	5.660	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	33781	9.768	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	33781	7.988	ng	# 21
89) Benzo(k)fluoranthene	15.03	252	36146	2.087	ng	# 74

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

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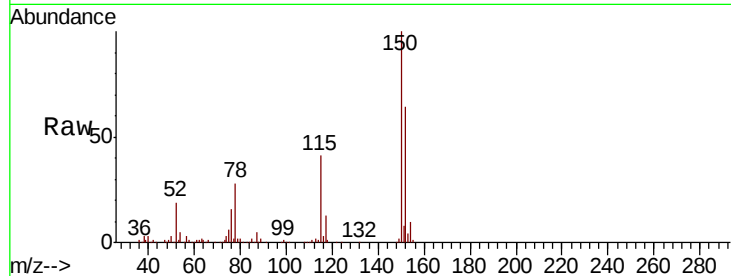


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.4	186.6
115	63.5	49.9	74.9

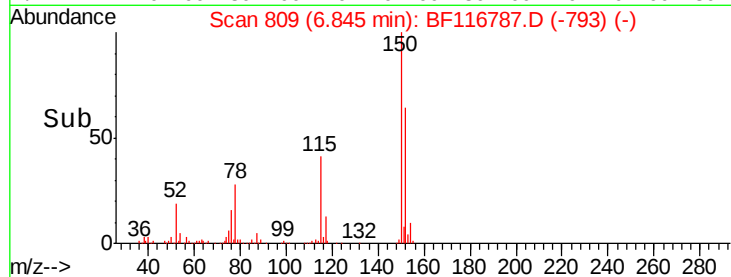
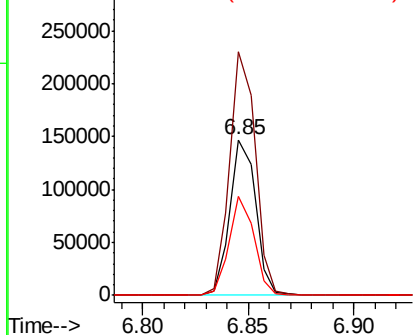


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

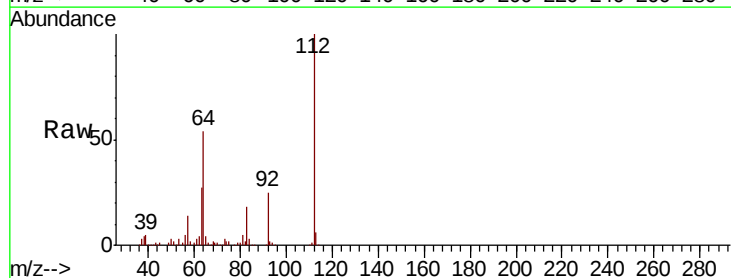
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.252 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.1	70.7
63	27.2	24.9	37.3

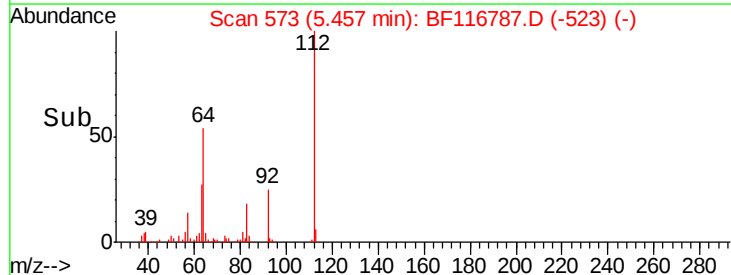
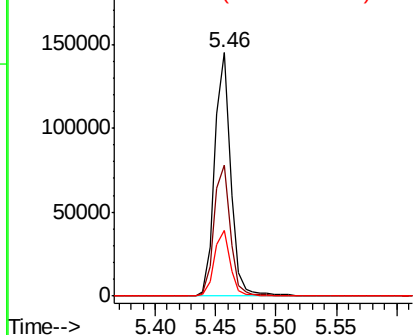


Abundance

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: 18.515 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

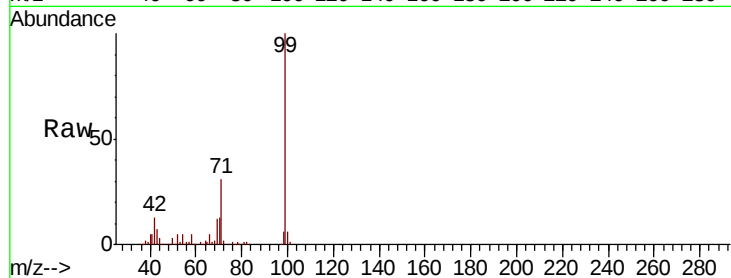
Tot Ion: 99 Resp: 185899

Ion Ratio Lower Upper

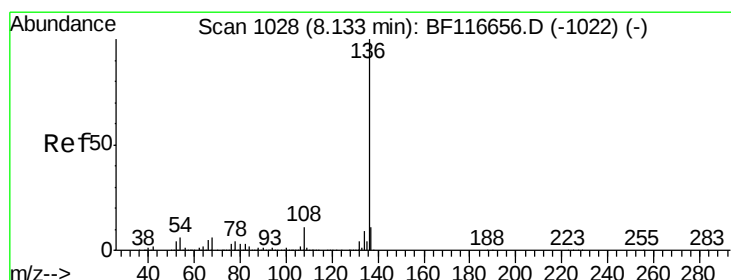
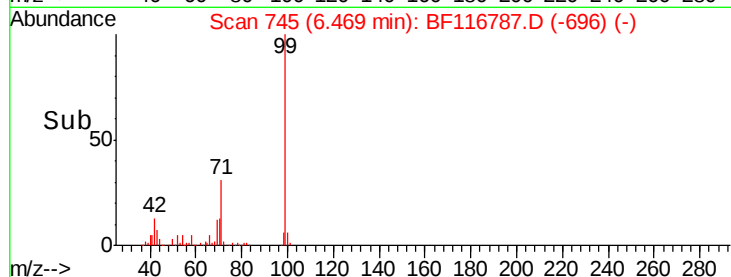
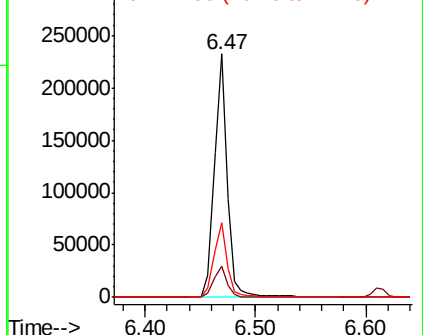
99 100

42 12.6 13.7 20.5#

71 30.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

Tgt Ion: 136 Resp: 518333

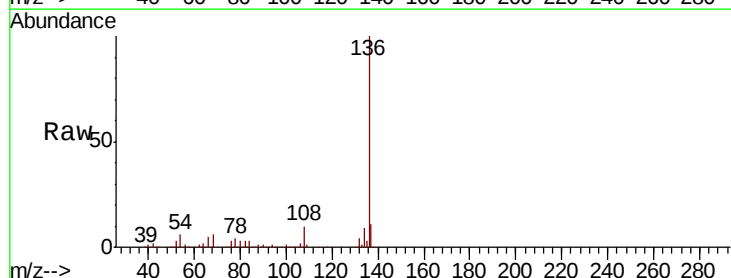
Ion Ratio Lower Upper

136 100

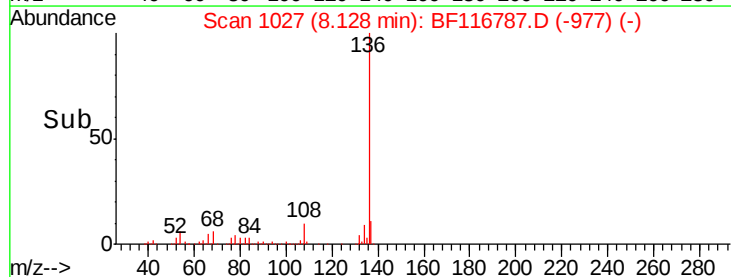
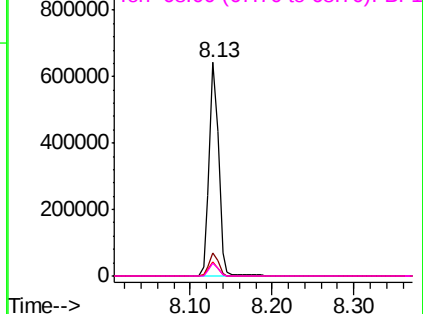
137 10.9 8.9 13.3

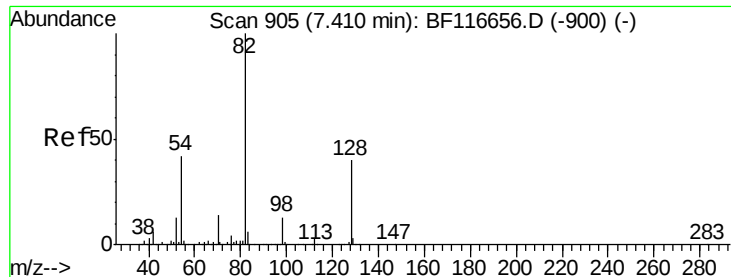
54 6.3 4.8 7.2

68 6.1 4.0 6.0#



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: 11.469 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

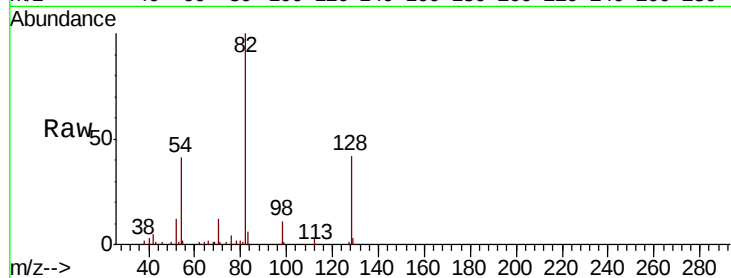
Tot Ion: 82 Resp: 104139

Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

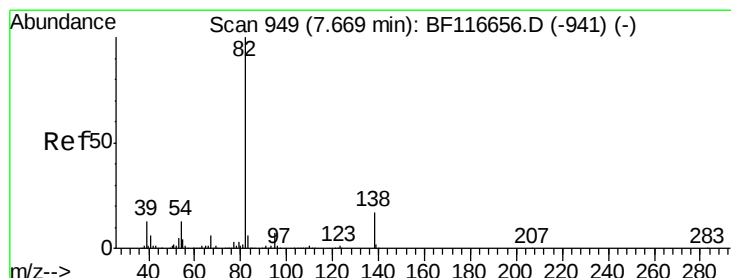
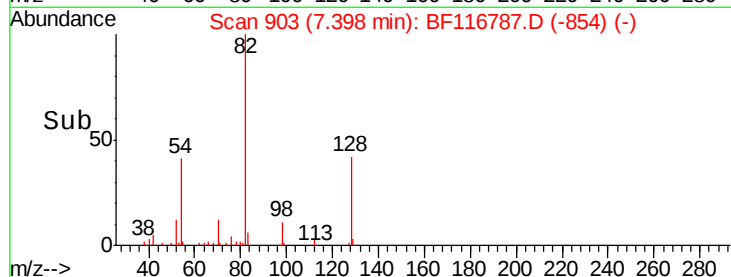
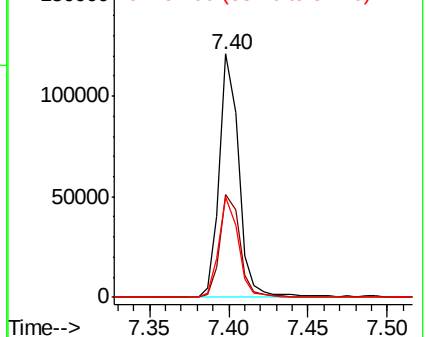
54 41.0 36.9 55.3



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



#25

Isophorone

Concen: 5.660 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

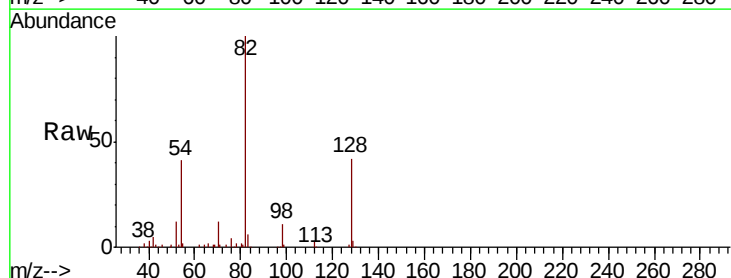
Tgt Ion: 82 Resp: 104138

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

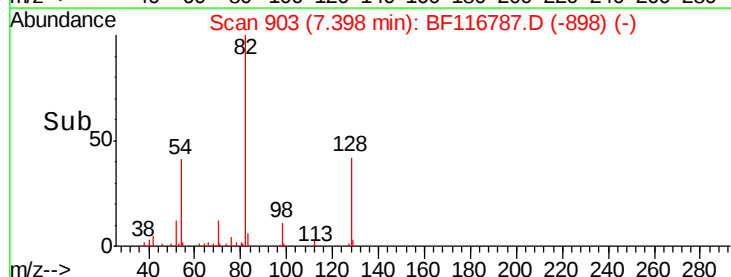
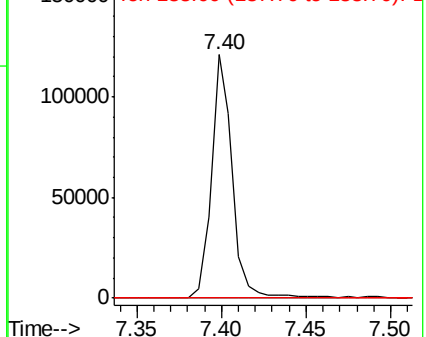
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

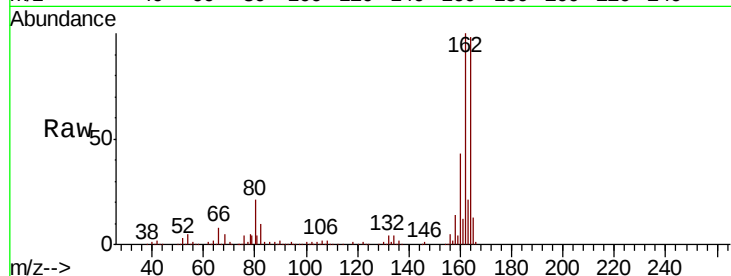




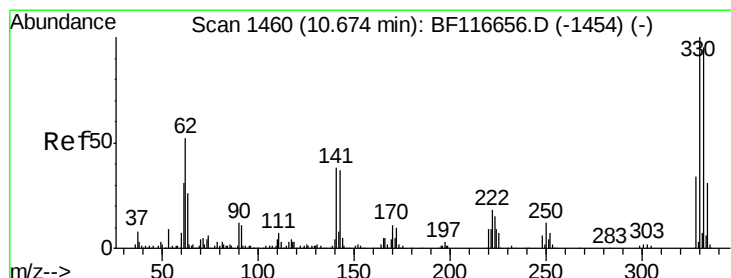
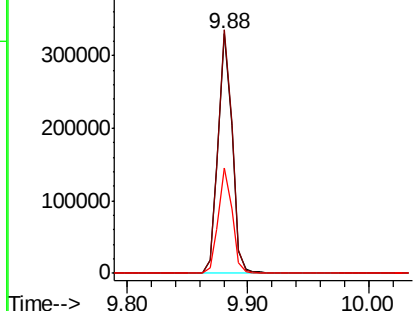
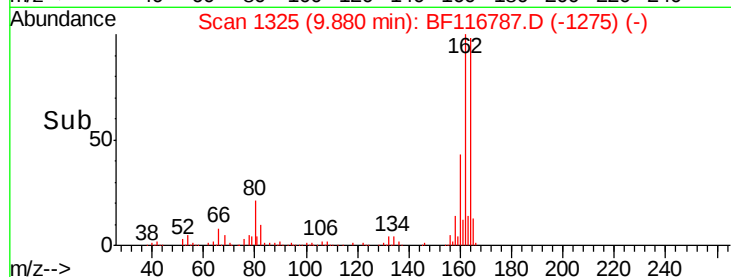
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 262549
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.1 35.4 53.2

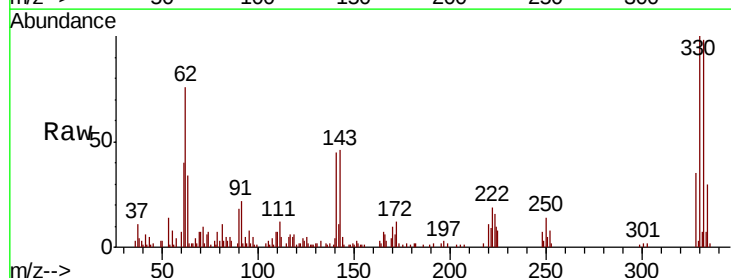


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

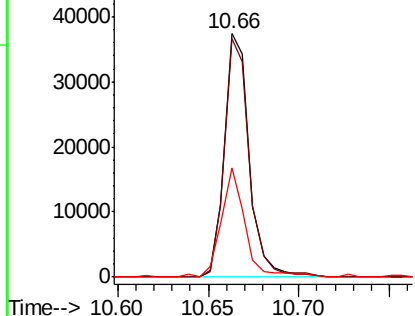
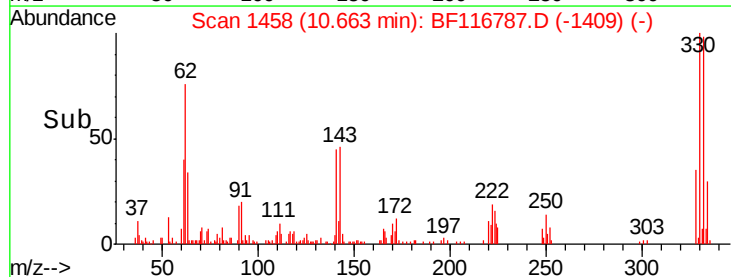


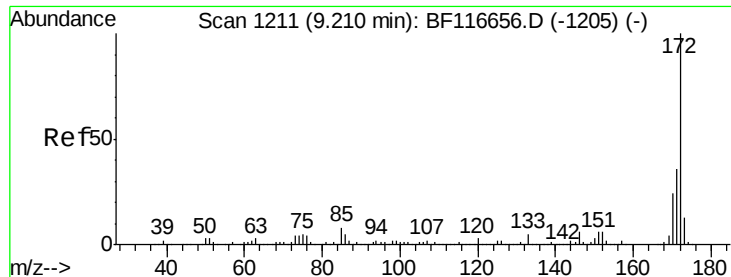
#42
2,4,6-Tribromophenol
Concen: 20.398 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Tgt Ion:330 Resp: 35802
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 42.5 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

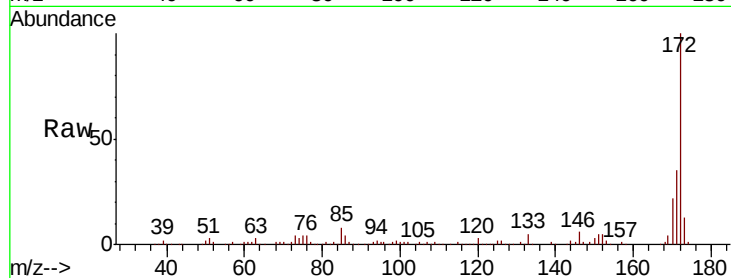




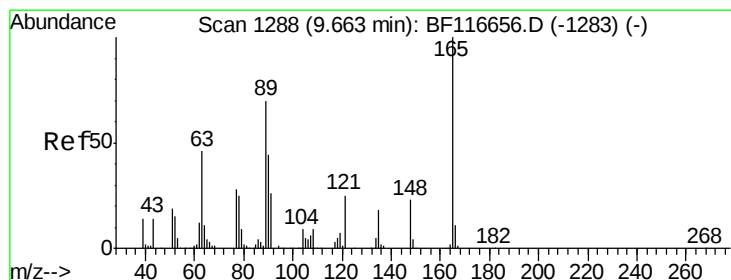
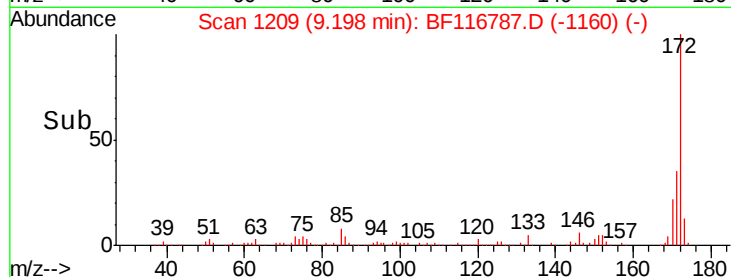
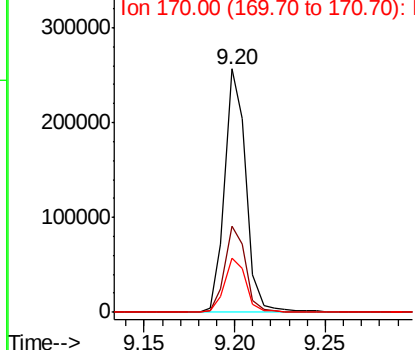
#45
 2-Fluorobiphenyl
 Concen: 13.591 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 211524
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.6
 170 22.3 18.9 28.3

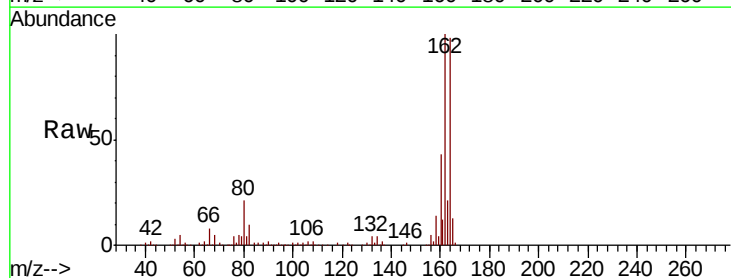


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

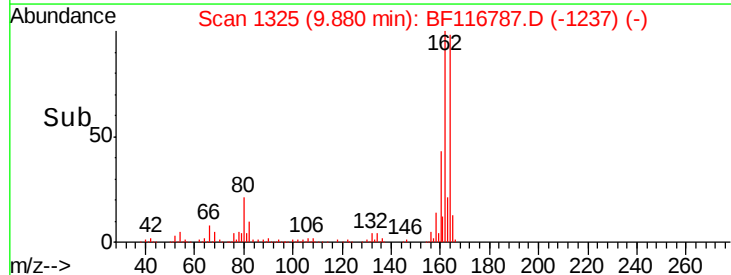
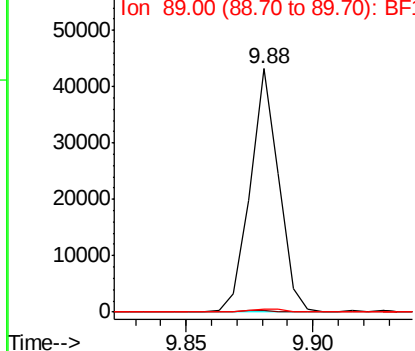


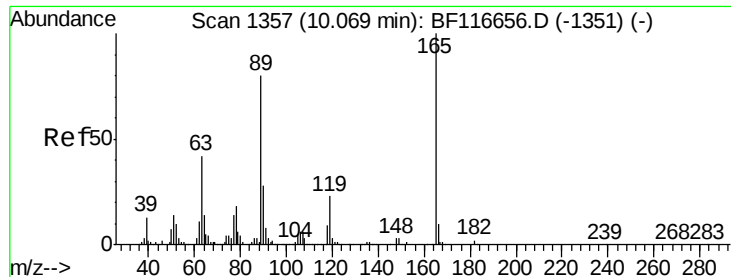
#51
 2,6-Dinitrotoluene
 Concen: 9.768 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Tgt Ion:165 Resp: 33781
 Ion Ratio Lower Upper
 165 100
 63 0.9 47.3 70.9#
 89 1.5 52.5 78.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

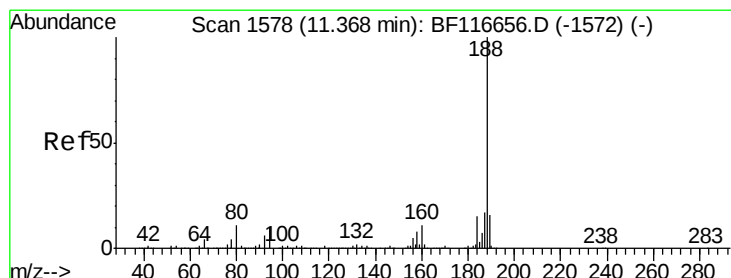
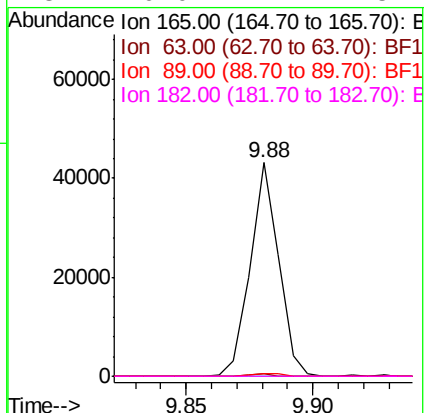
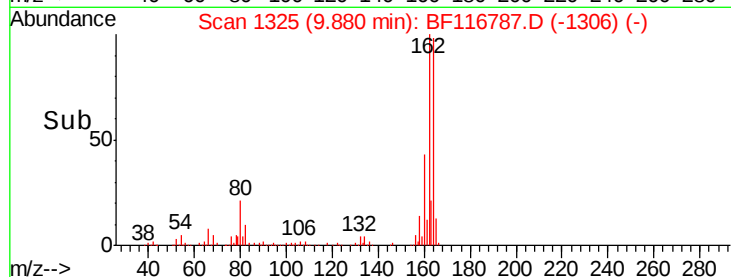
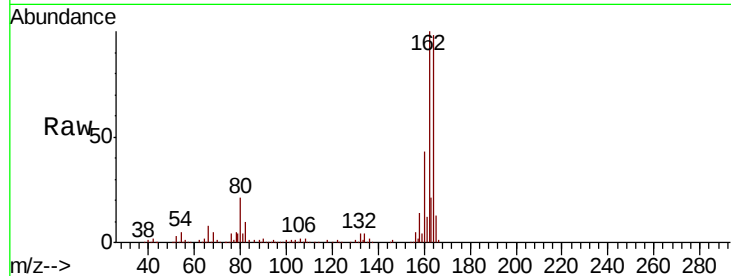




#57
 2,4-Dinitrotoluene
 Concen: 7.988 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

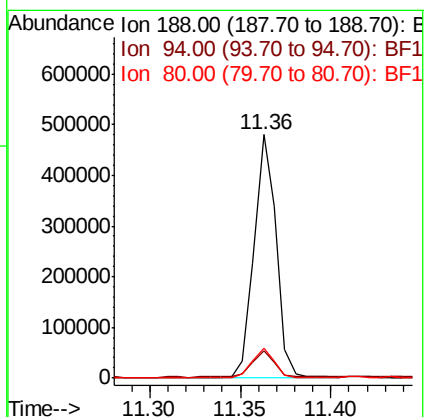
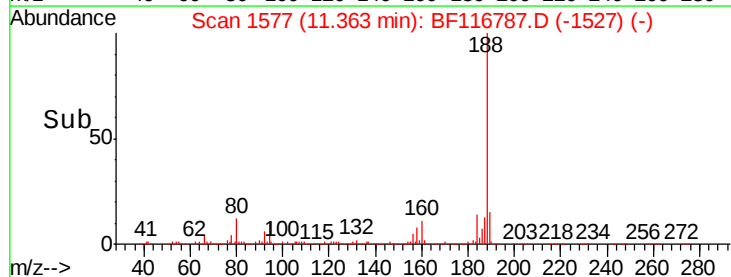
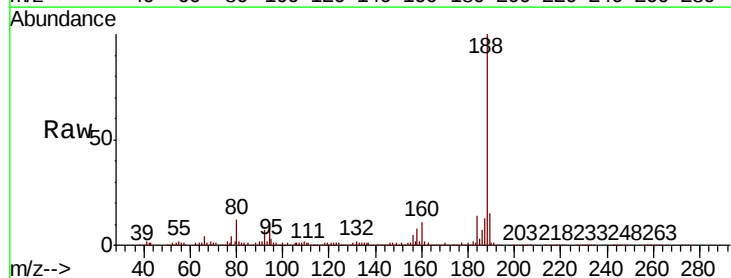
Instrument :
 BNA_F
 ClientSampleId :

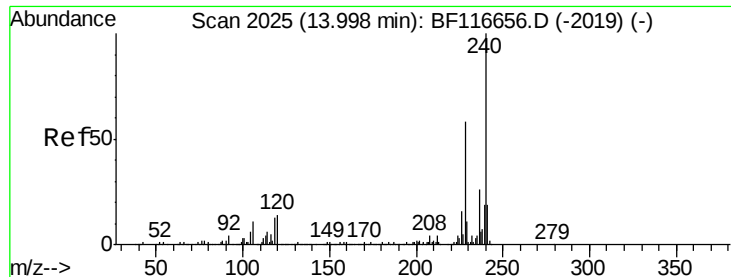
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116787.D
 Acq: 3 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.3	10.9#
80	12.5	8.4	12.6

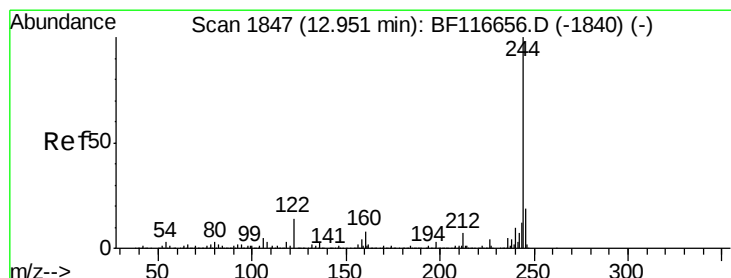
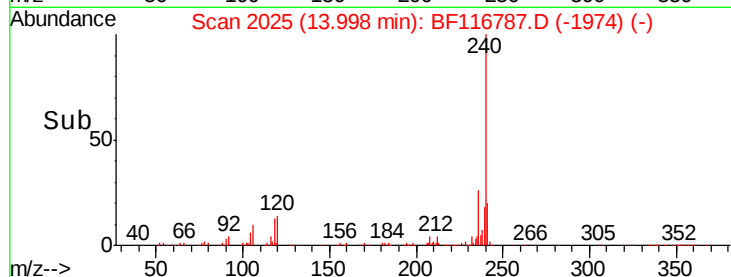
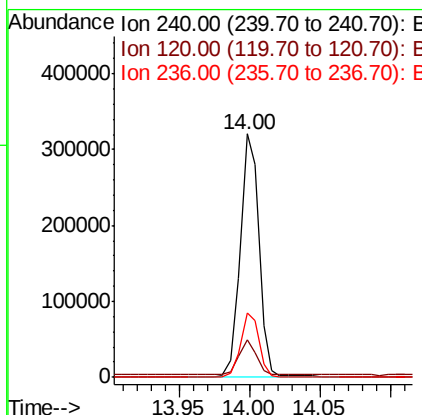
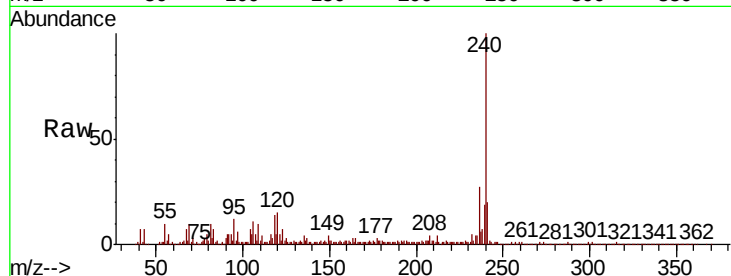




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

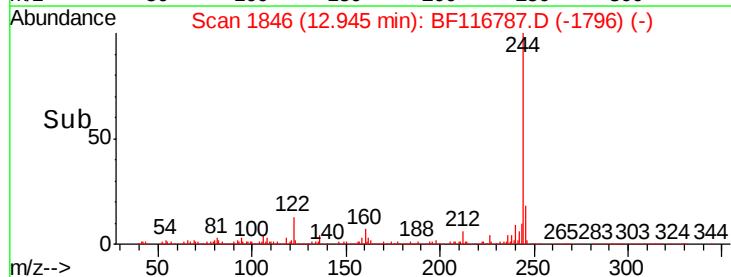
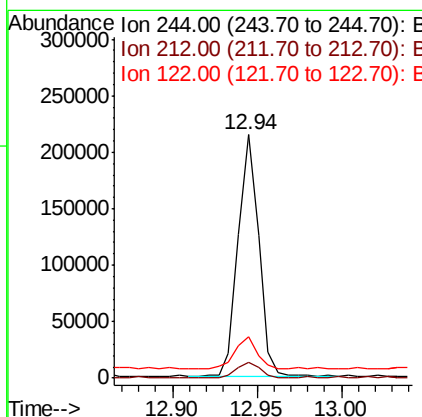
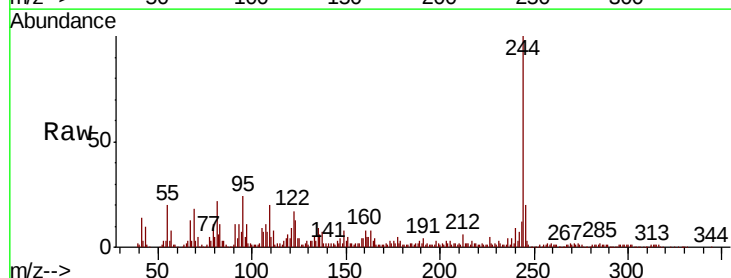
Instrument :
BNA_F
ClientSampleId :

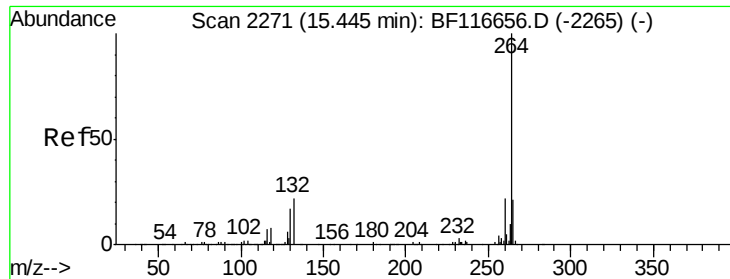
Tot Ion:240 Resp: 294056
Ion Ratio Lower Upper
240 100
120 15.4 9.1 13.7#
236 26.6 21.1 31.7



#79
Terphenyl-d14
Concen: 11.408 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116787.D
Acq: 3 Sep 2019 21:53

Tgt Ion:244 Resp: 181335
Ion Ratio Lower Upper
244 100
212 6.4 6.1 9.1
122 16.9 10.2 15.4#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

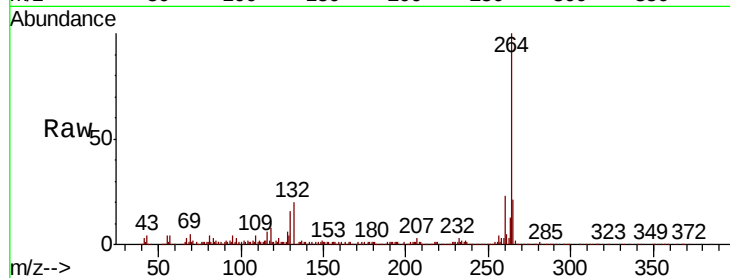
Tot Ion:264 Resp: 314148

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

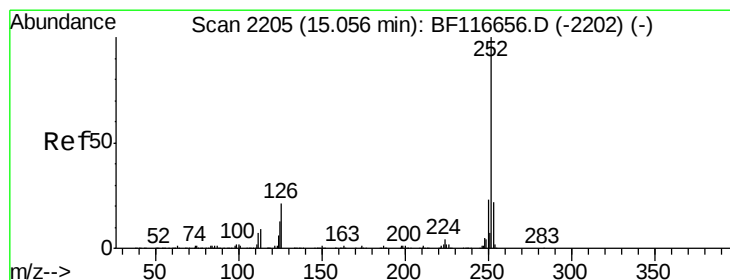
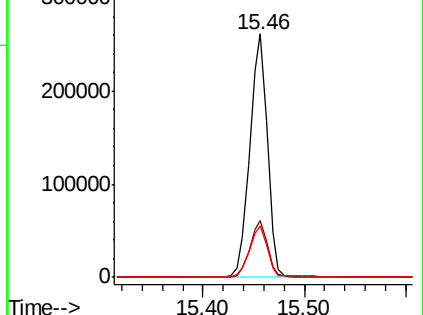
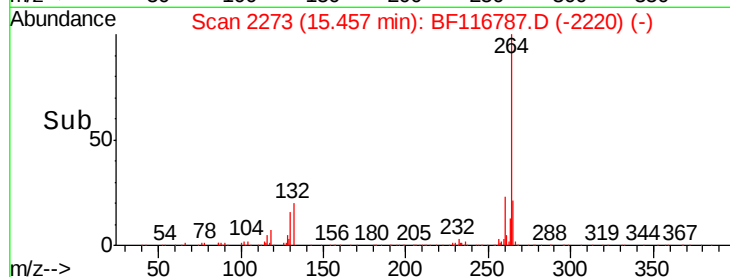
265 21.0 16.5 24.7



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



#89

Benzo(k)fluoranthene

Concen: 2.087 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.03 min

Lab File: BF116787.D

Acq: 3 Sep 2019 21:53

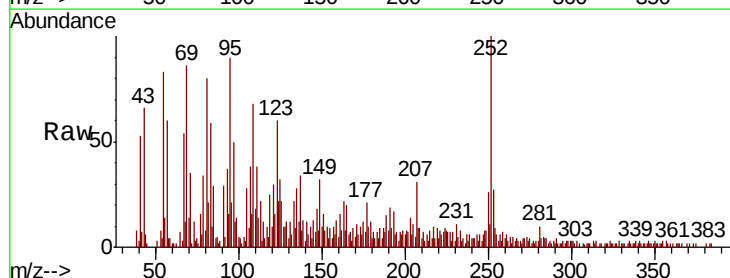
Tgt Ion:252 Resp: 36146

Ion Ratio Lower Upper

252 100

253 27.3 17.7 26.5#

125 32.1 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

