

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116727.D
 Acq On : 1 Sep 2019 5:55
 Operator : HP/JU
 Sample : K4517-36
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-E

Quant Time: Sep 01 06:39:25 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	122260	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	487643	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	249821	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	417939	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	277028	20.00	ng	-0.01
87) Perylene-d12	15.44	264	303912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	883619	117.09	ng	0.00
7) Phenol-d6	6.47	99	1102109	111.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	827847	96.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	261196	156.39	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1357469	91.66	ng	0.00
79) Terphenyl-d14	12.95	244	1420144	94.83	ng	0.00

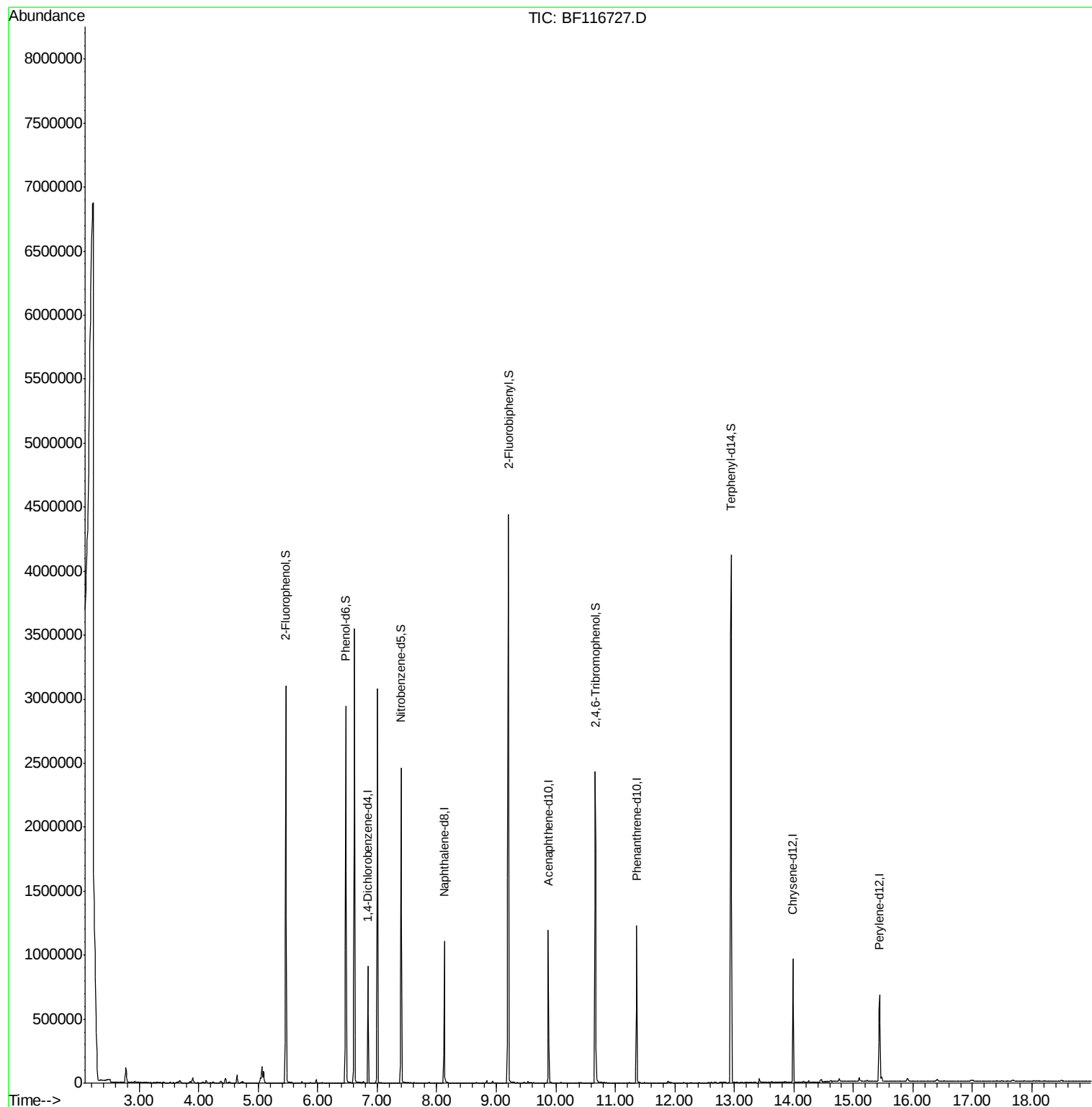
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

Instrument :

BNA_F

ClientSampleId :

T4-S-E

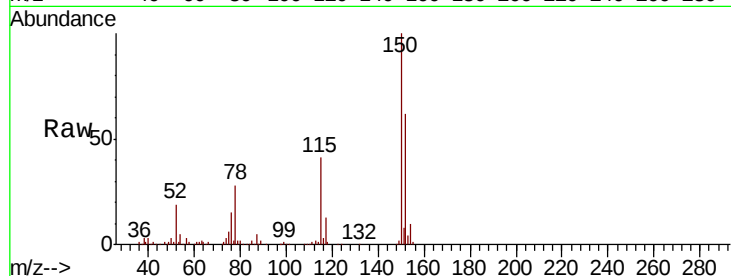
Tot Ion:152 Resp: 122260

Ion Ratio Lower Upper

152 100

150 160.8 124.4 186.6

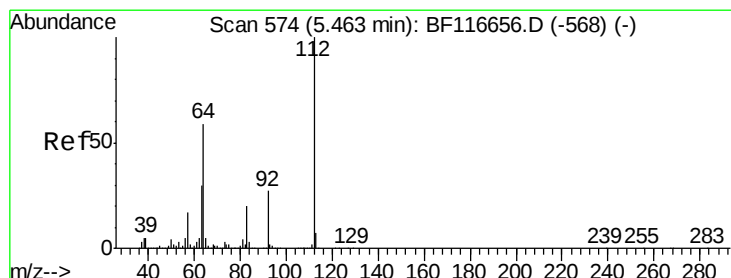
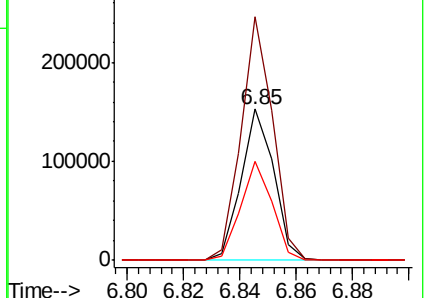
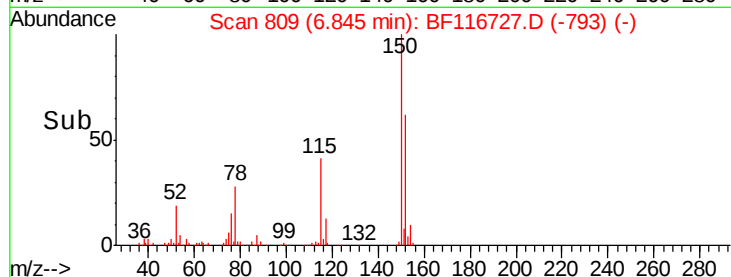
115 65.6 49.9 74.9



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: 117.088 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

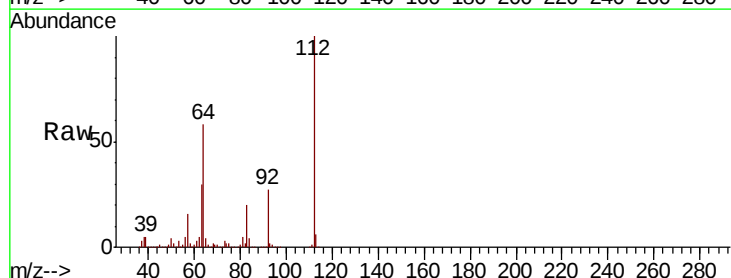
Tgt Ion:112 Resp: 883619

Ion Ratio Lower Upper

112 100

64 57.9 47.1 70.7

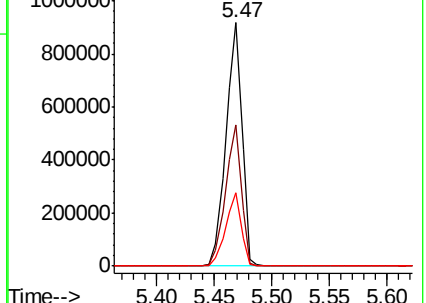
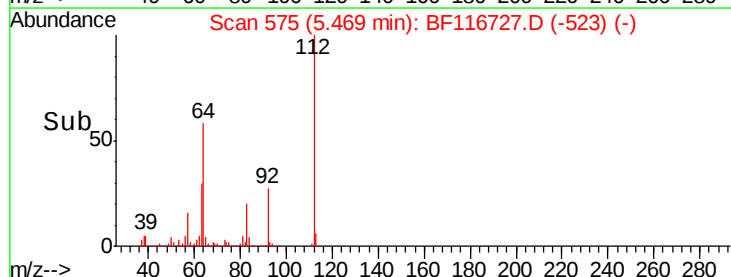
63 30.0 24.9 37.3

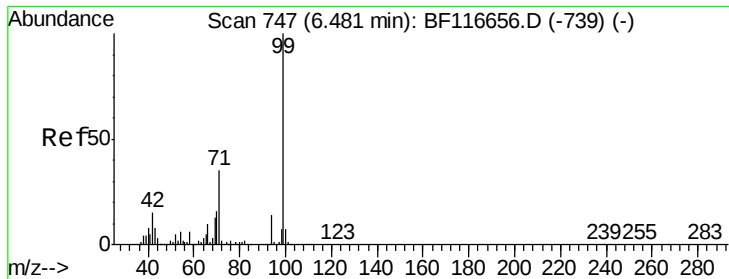


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.216 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

Instrument :

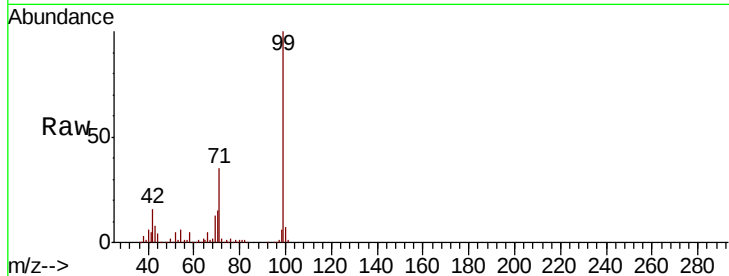
BNA_F

ClientSampled :

T4-S-E

Tot Ion: 99 Resp: 1102109

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	34.6	30.8	46.2

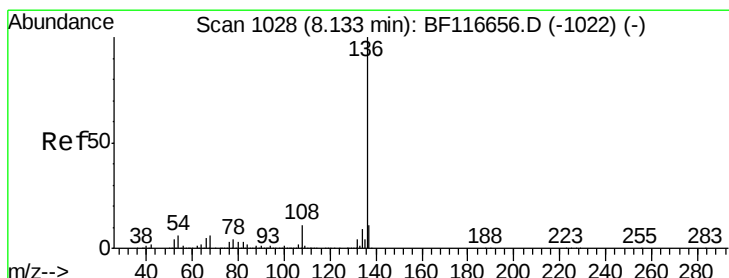
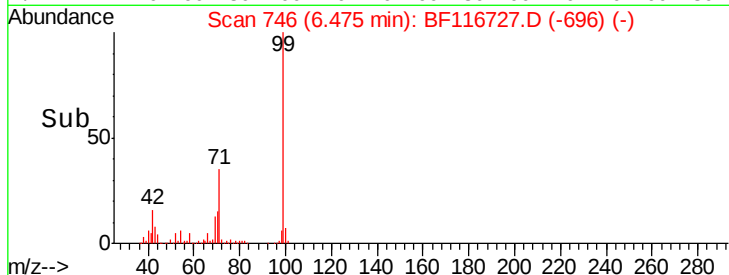


Abundance

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

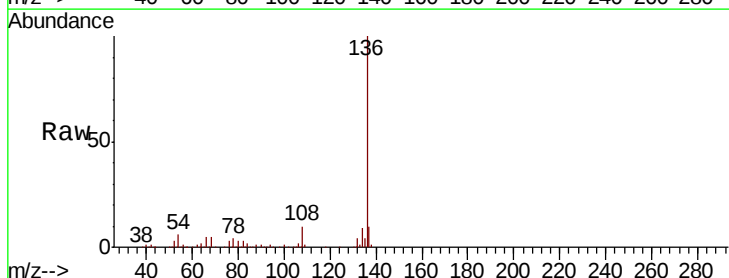
Delta R.T. -0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

Tgt Ion: 136 Resp: 487643

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.5	4.8	7.2
68	5.1	4.0	6.0



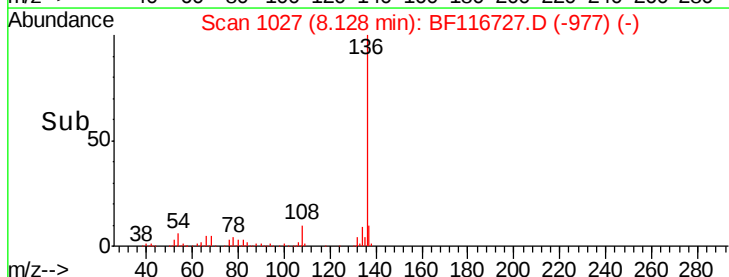
Abundance

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

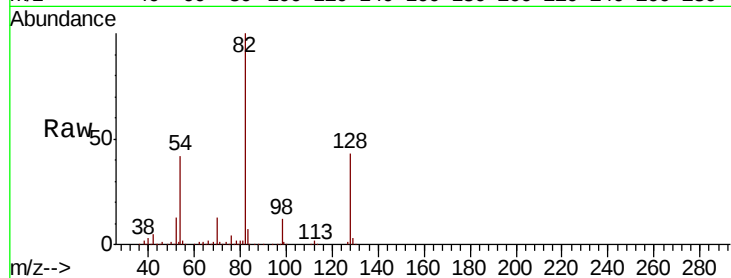




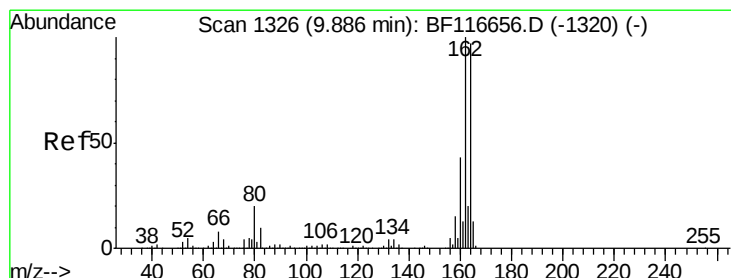
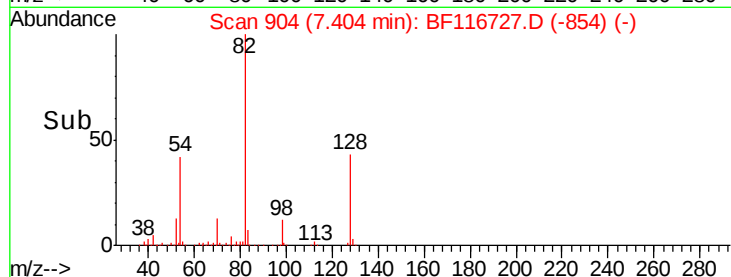
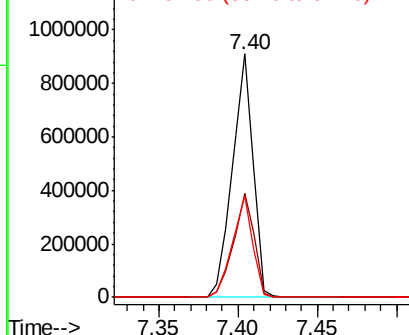
#23
Nitrobenzene-d5
Concen: 96.914 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116727.D
Acq: 1 Sep 2019 5:55

Instrument :
BNA_F
ClientSampleId :
T4-S-E

Tot Ion	82	Resp	827847
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.8	49.2
54	41.8	36.9	55.3

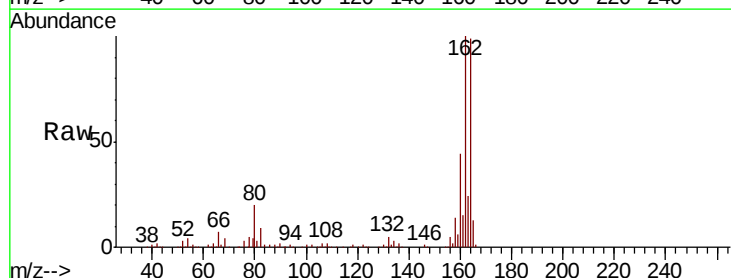


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

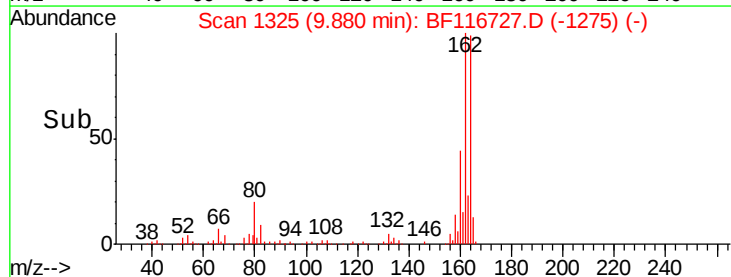
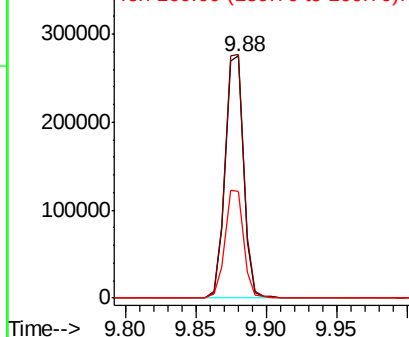


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116727.D
Acq: 1 Sep 2019 5:55

Tgt Ion	164	Resp	249821
Ion Ratio	Lower	Upper	
164	100		
162	100.7	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

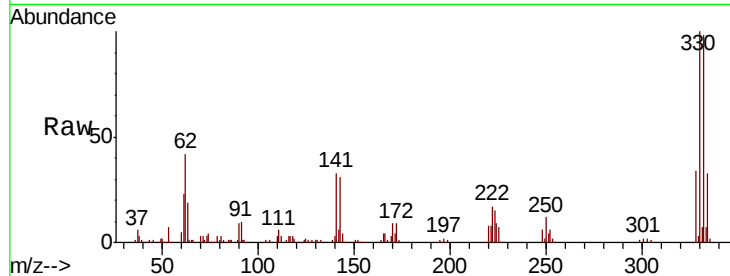




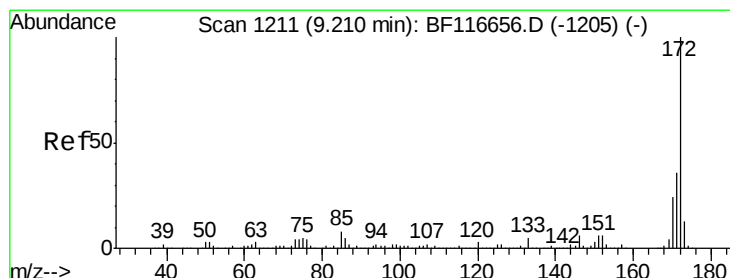
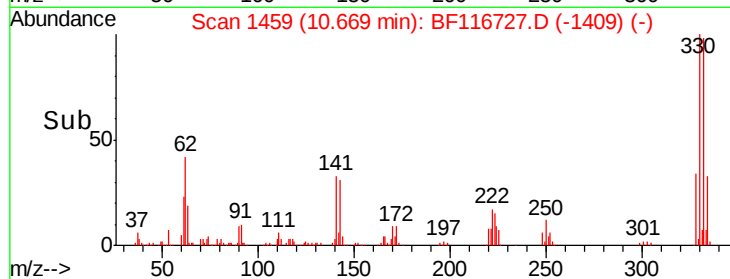
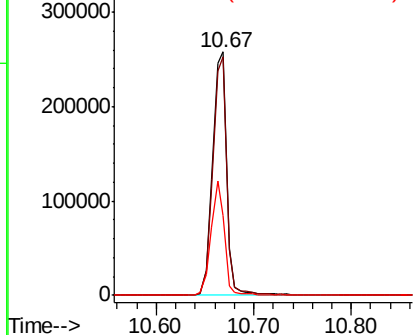
#42
 2,4,6-Tribromophenol
 Concen: 156.395 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116727.D
 Acq: 1 Sep 2019 5:55

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	44.0	31.4	47.2

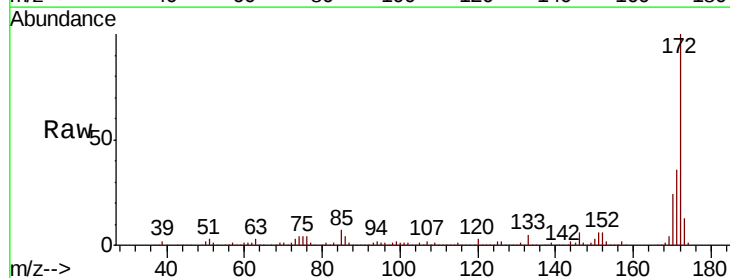


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

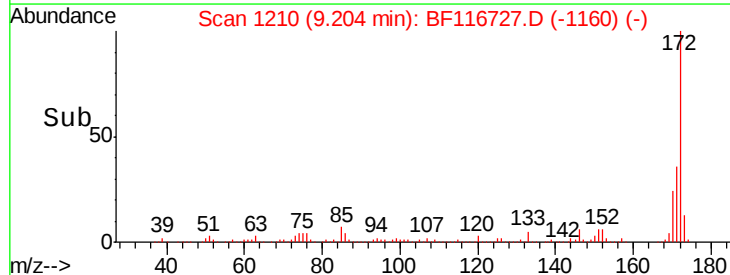
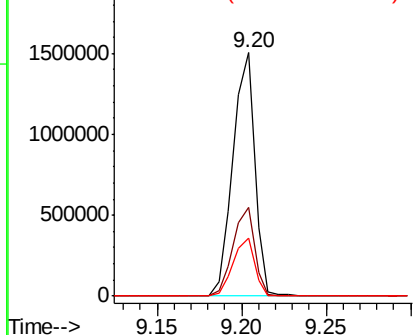


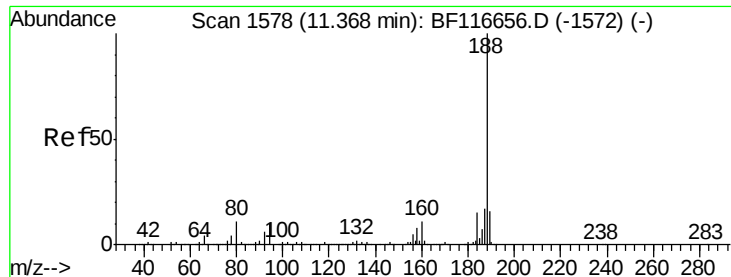
#45
 2-Fluorobiphenyl
 Concen: 91.662 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116727.D
 Acq: 1 Sep 2019 5:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

Instrument :

BNA_F

ClientSampleId :

T4-S-E

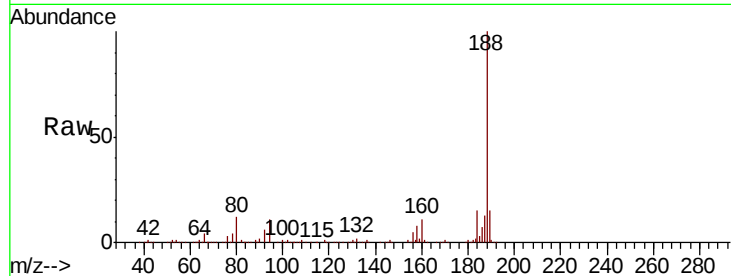
Tot Ion:188 Resp: 417939

Ion Ratio Lower Upper

188 100

94 10.9 7.3 10.9#

80 12.4 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

600000

500000

400000

300000

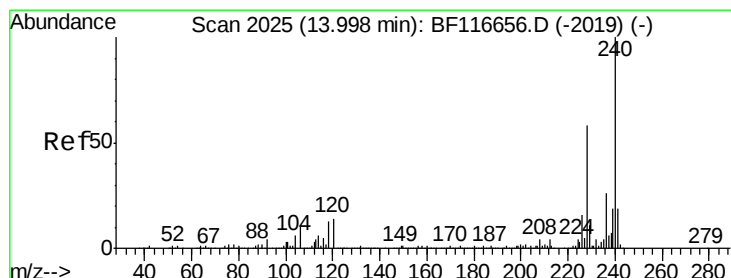
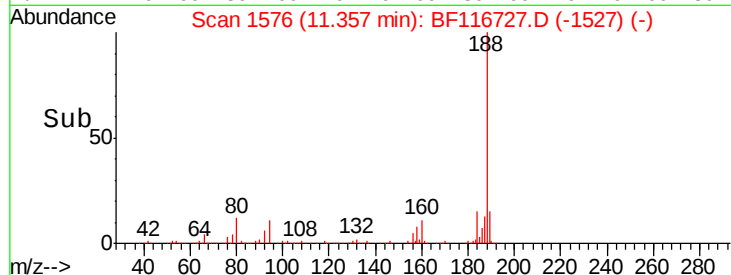
200000

100000

0

11.30 11.35 11.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116727.D

Acq: 1 Sep 2019 5:55

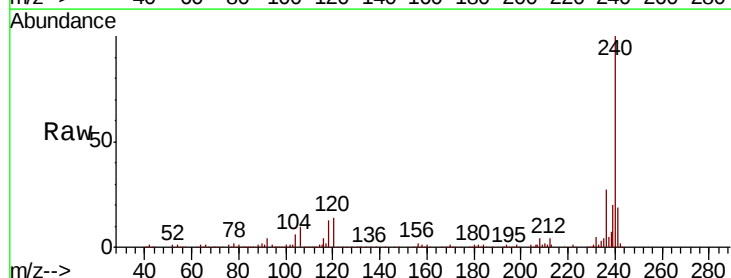
Tgt Ion:240 Resp: 277028

Ion Ratio Lower Upper

240 100

120 13.8 9.1 13.7#

236 26.5 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

400000

300000

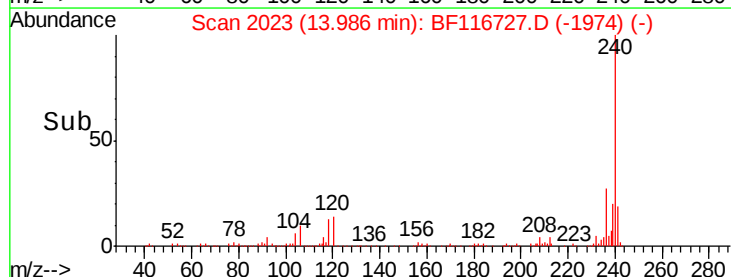
200000

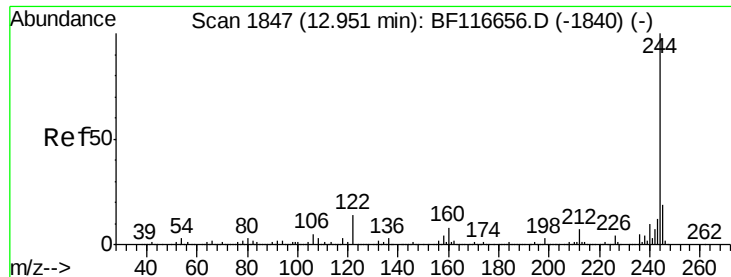
100000

0

13.95 14.00 14.05

Time-->

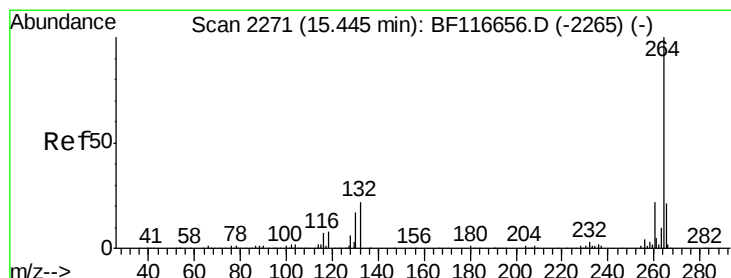
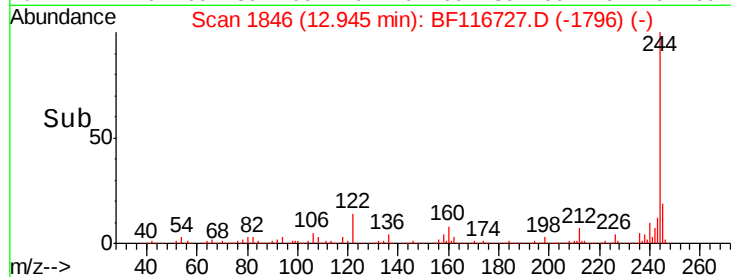
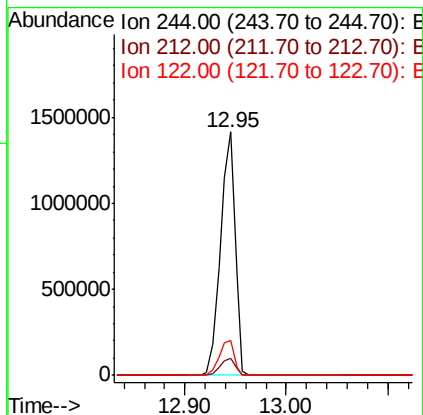
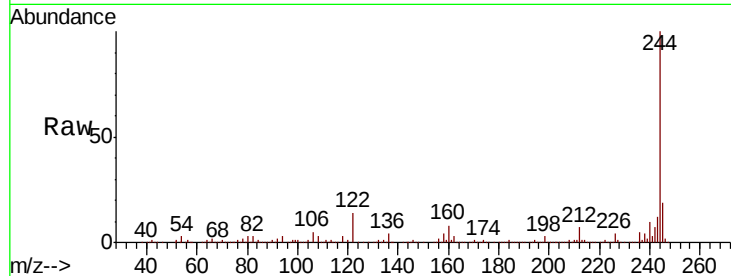




#79
 Terphenyl-d14
 Concen: 94.835 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116727.D
 Acq: 1 Sep 2019 5:55

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-E

Tot Ion:244 Resp: 1420144
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 14.2 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116727.D
 Acq: 1 Sep 2019 5:55

Tgt Ion:264 Resp: 303912
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 20.4 16.5 24.7

