

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114952.D
 Acq On : 11 Jun 2019 19:22
 Operator : HP/JU
 Sample : K3163-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-B

Quant Time: Jun 12 04:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	250051	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	935393	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	442705	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	777683	20.00	ng	0.00
76) Chrysene-d12	13.79	240	544686	20.00	ng	0.00
87) Perylene-d12	15.17	264	516995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1609404	108.93	ng	0.02
7) Phenol-d6	6.31	99	1776541	99.69	ng	0.00
23) Nitrobenzene-d5	7.23	82	1356656	89.11	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	584897	121.45	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2418823	86.71	ng	0.00
79) Terphenyl-d14	12.75	244	2317696	84.62	ng	0.00

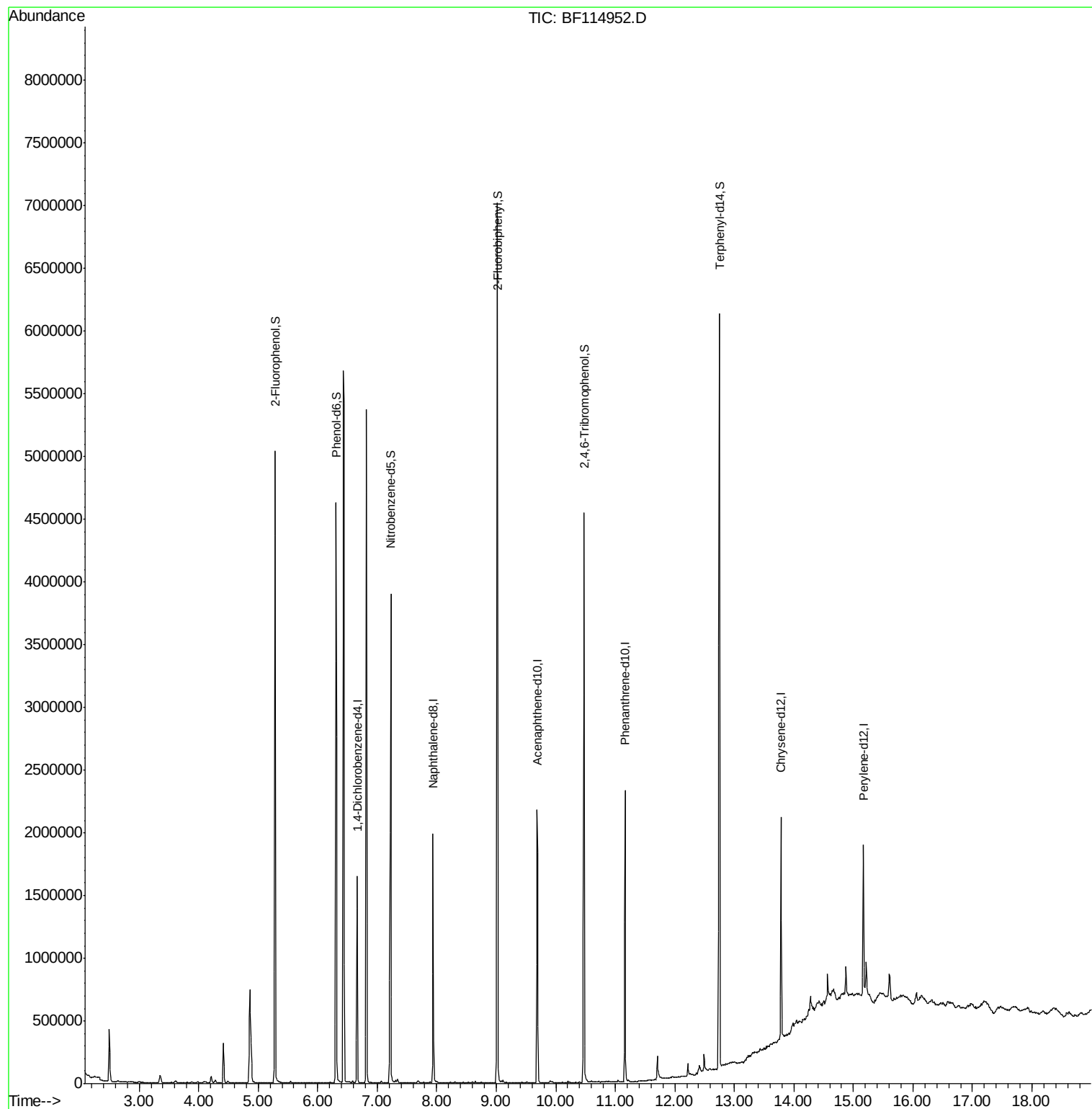
Target Compounds Qvalue

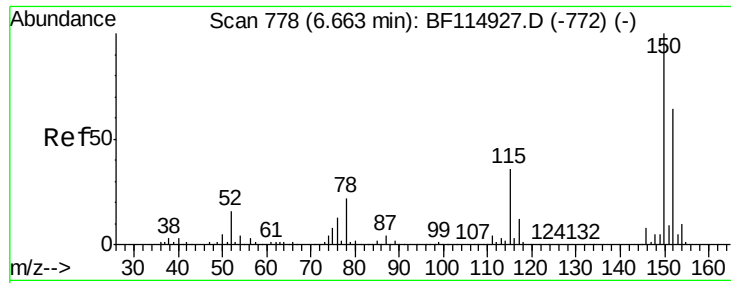
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114952.D
Acq On : 11 Jun 2019 19:22
Operator : HP/JU
Sample : K3163-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-B

Quant Time: Jun 12 04:59:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SU-04-060719-B

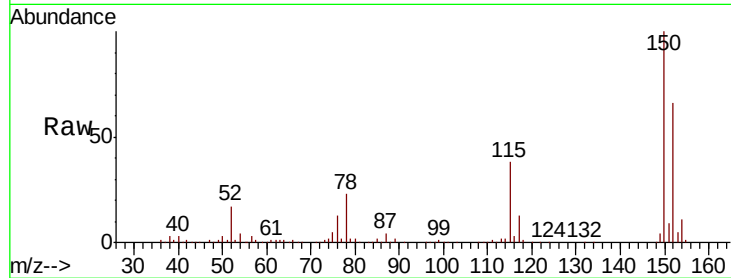
Tot Ion:152 Resp: 250051

Ion Ratio Lower Upper

152 100

150 152.6 125.2 187.8

115 57.4 45.0 67.4

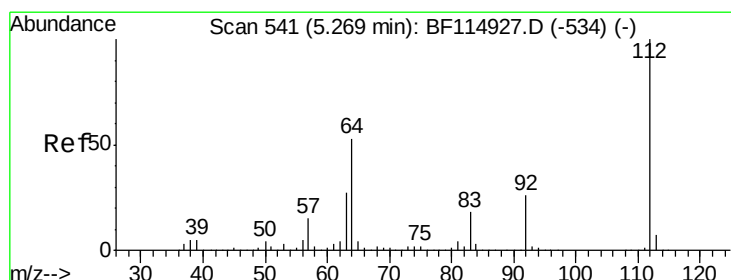
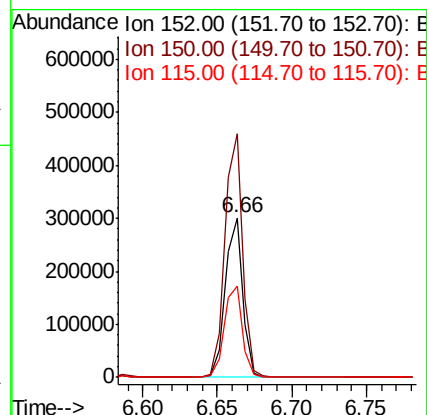
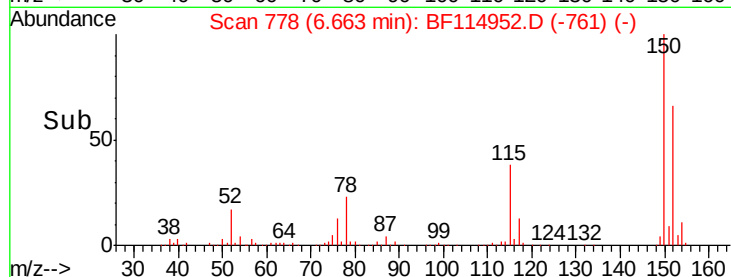


Abundance

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: 108.929 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

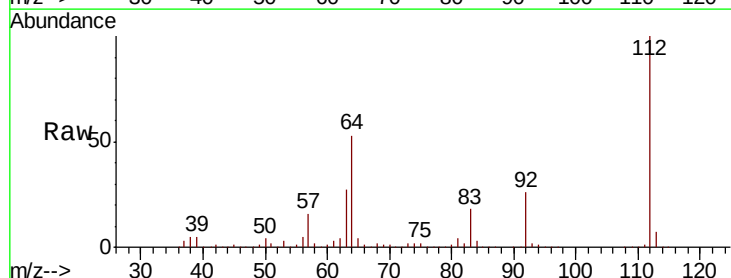
Tgt Ion:112 Resp: 1609404

Ion Ratio Lower Upper

112 100

64 53.1 42.1 63.1

63 27.3 21.8 32.8

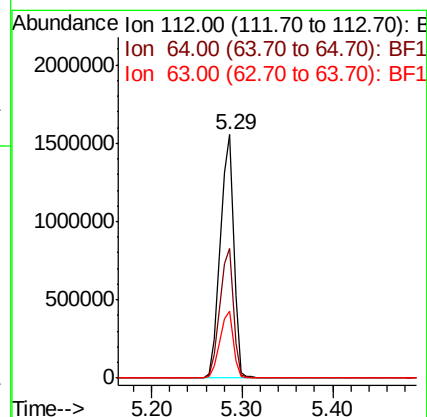
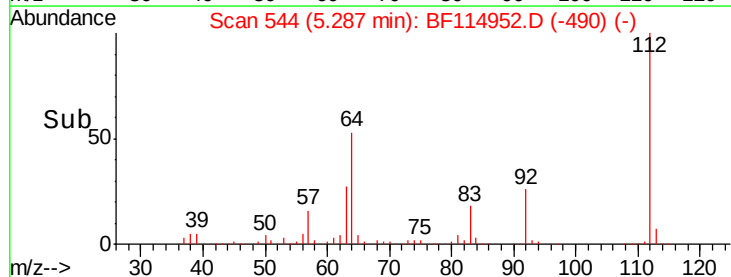


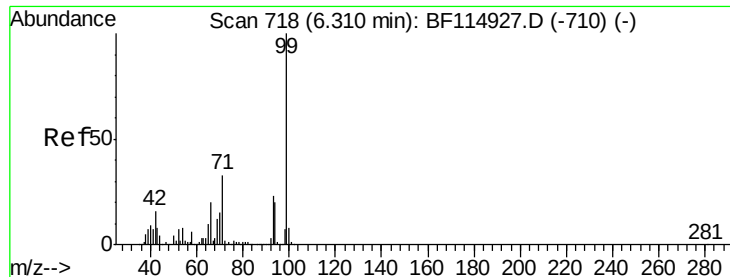
Abundance

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: 99.687 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SU-04-060719-B

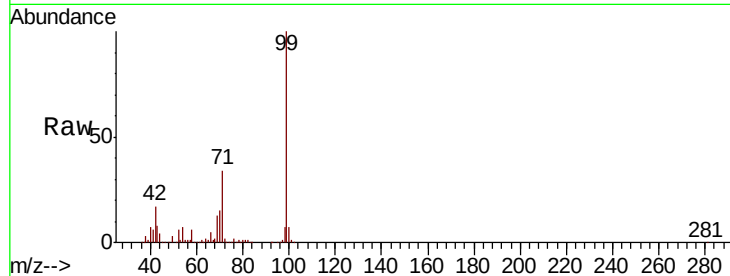
Tot Ion: 99 Resp: 1776541

Ion Ratio Lower Upper

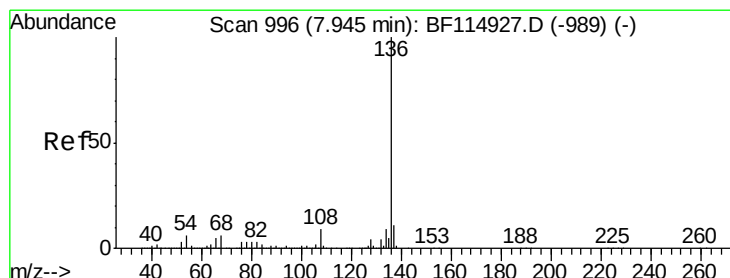
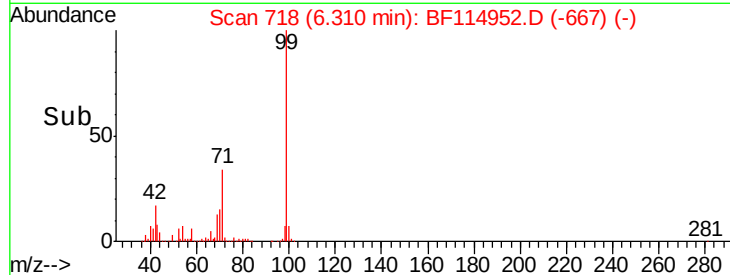
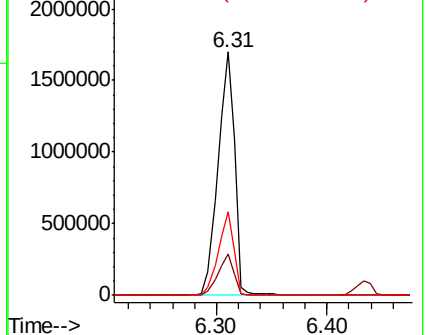
99 100

42 17.1 13.1 19.7

71 34.2 26.8 40.2



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Tgt Ion: 136 Resp: 935393

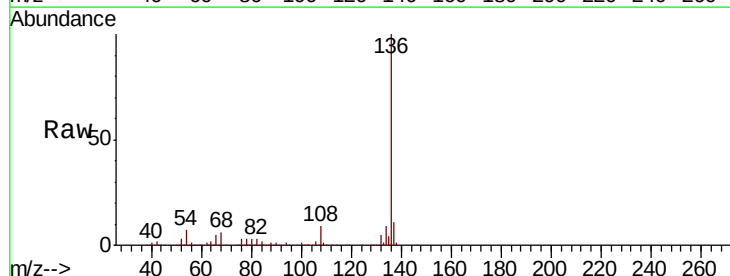
Ion Ratio Lower Upper

136 100

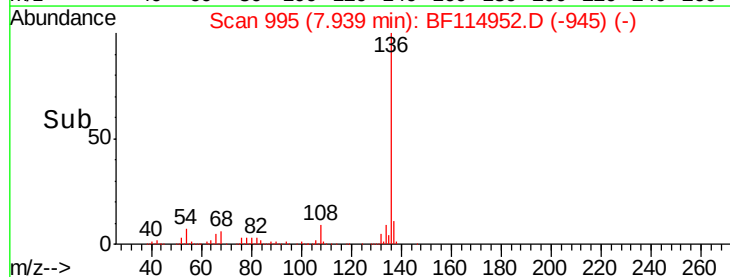
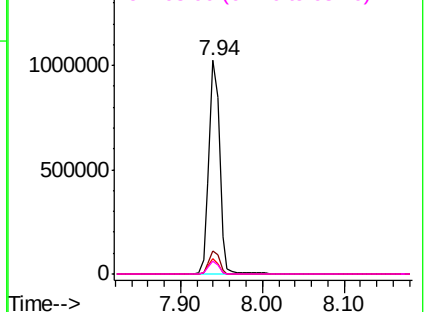
137 11.1 9.0 13.6

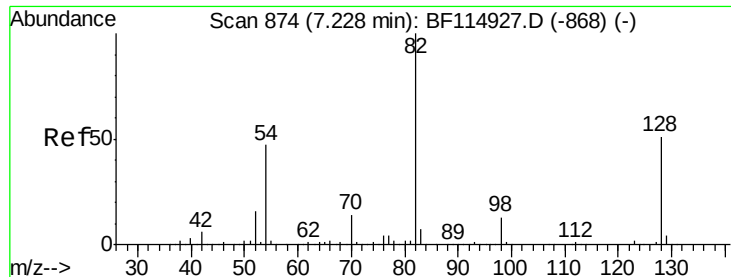
54 7.0 5.2 7.8

68 6.1 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

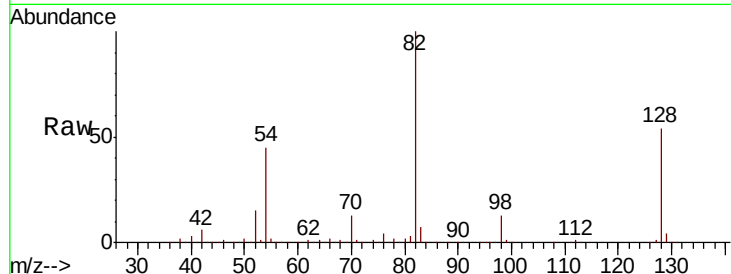




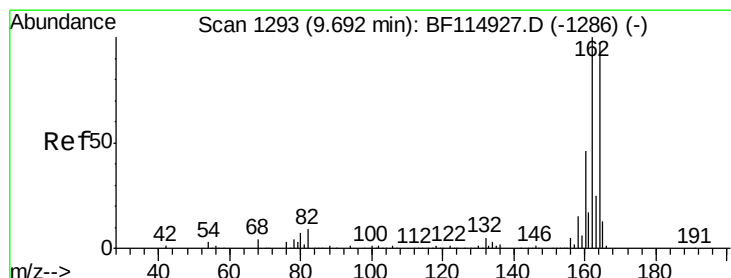
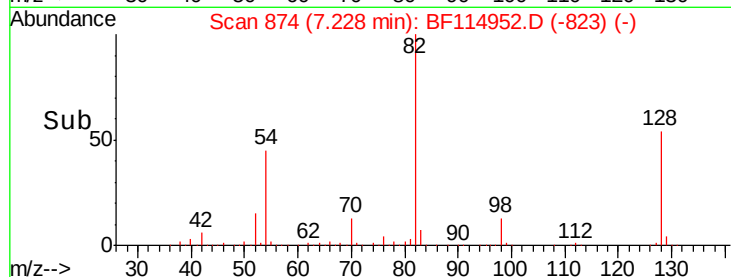
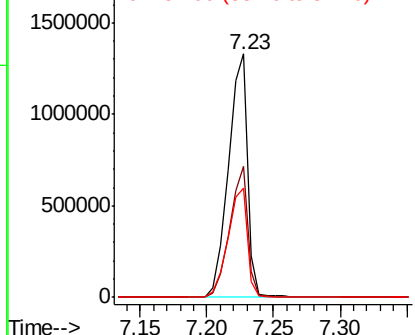
#23
Nitrobenzene-d5
Concen: 89.113 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-B

Tot Ion: 82 Resp: 1356656
Ion Ratio Lower Upper
82 100
128 53.7 40.9 61.3
54 45.1 37.4 56.0

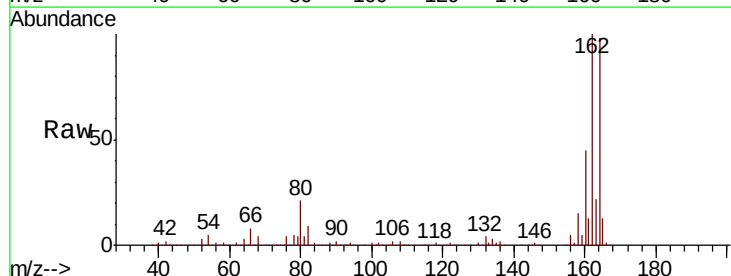


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

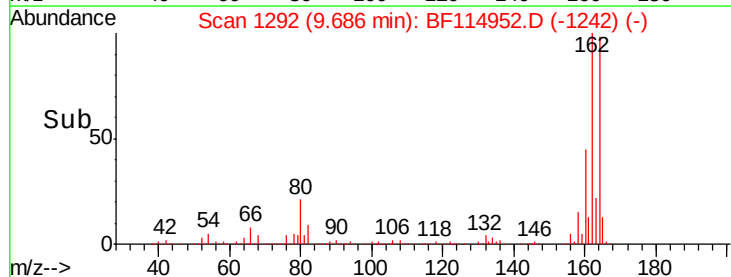
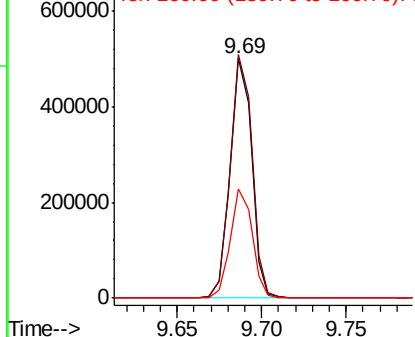


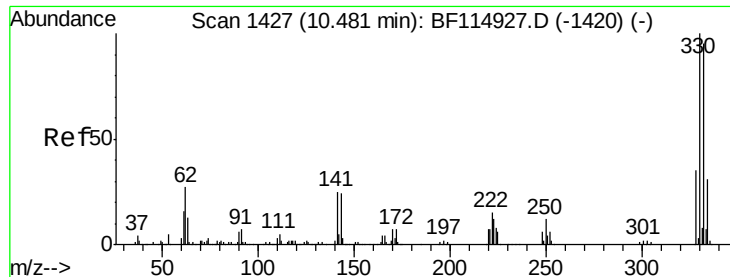
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Tgt Ion:164 Resp: 442705
Ion Ratio Lower Upper
164 100
162 101.6 82.4 123.6
160 45.7 37.5 56.3



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

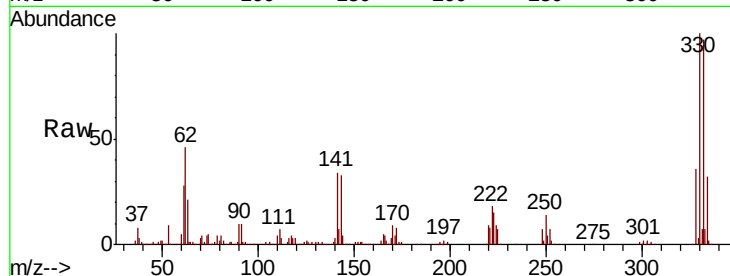




#42
 2,4,6-Tribromophenol
 Concen: 121.454 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114952.D
 Acq: 11 Jun 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.4	114.6
141	33.1	26.8	40.2

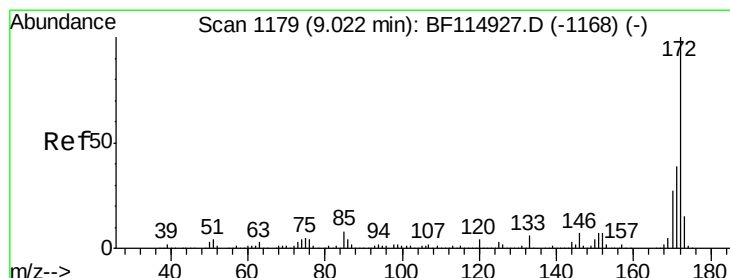
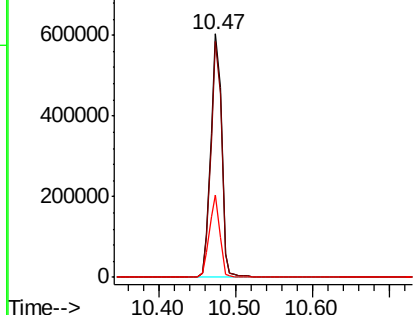
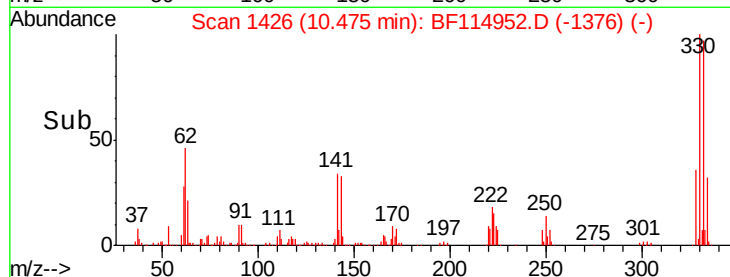


Abundance

Ion 329.80 (329.50 to 330.50): E

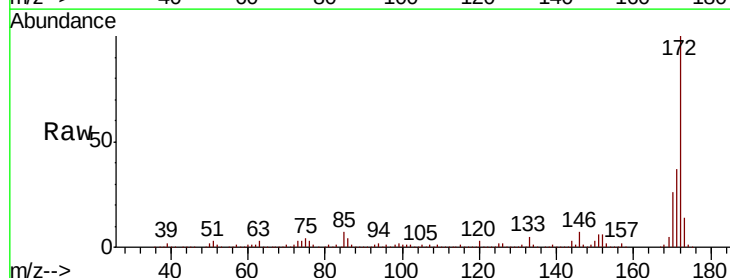
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.713 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF114952.D
 Acq: 11 Jun 2019 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.8	21.4	32.0

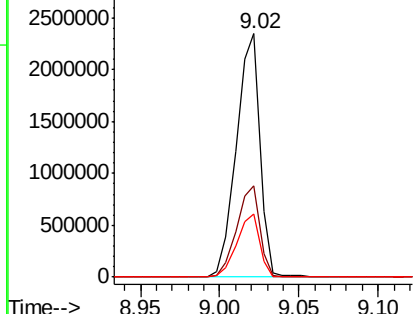
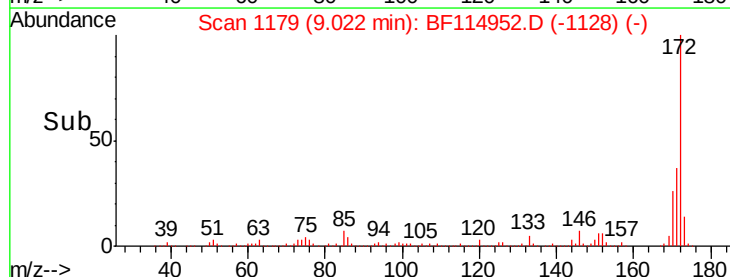


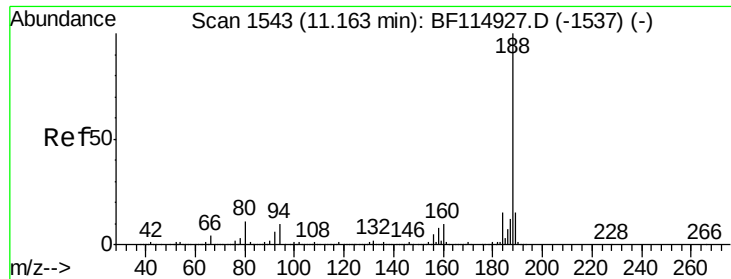
Abundance

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

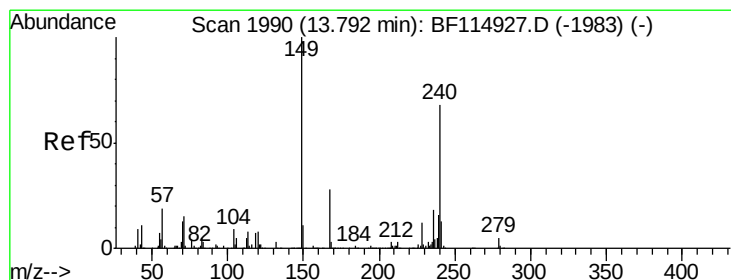
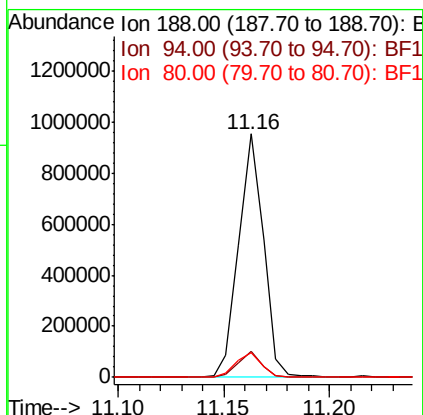
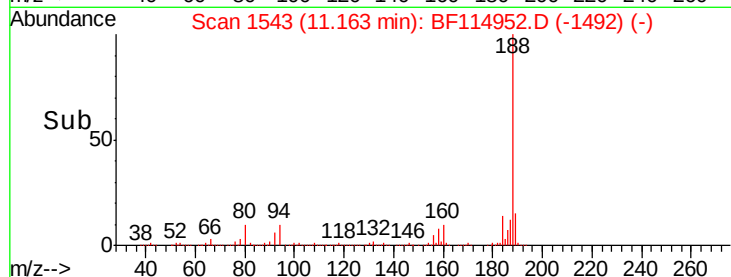
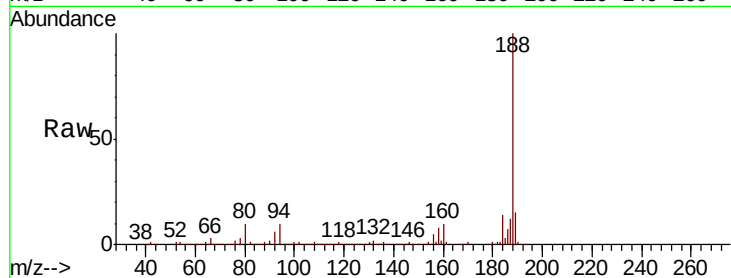




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

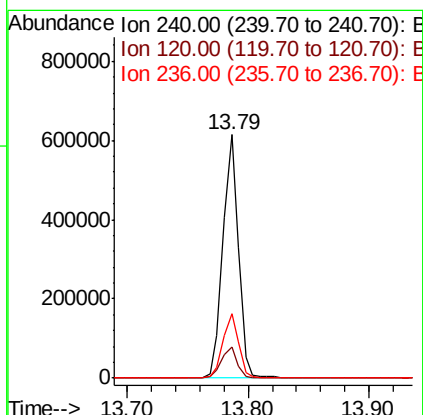
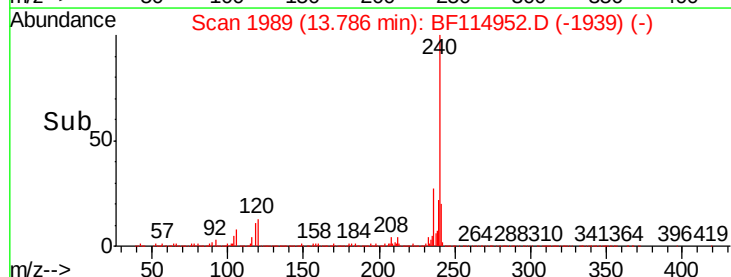
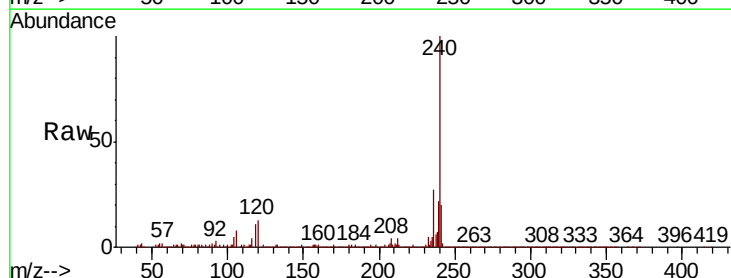
Instrument :
BNA_F
ClientSampleId :
SU-04-060719-B

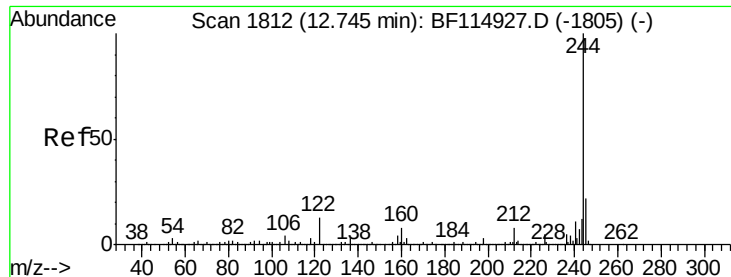
Tot Ion:188 Resp: 777683
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114952.D
Acq: 11 Jun 2019 19:22

Tgt Ion:240 Resp: 544686
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.6 21.7 32.5





#79

Terphenyl-d14

Concen: 84.622 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SU-04-060719-B

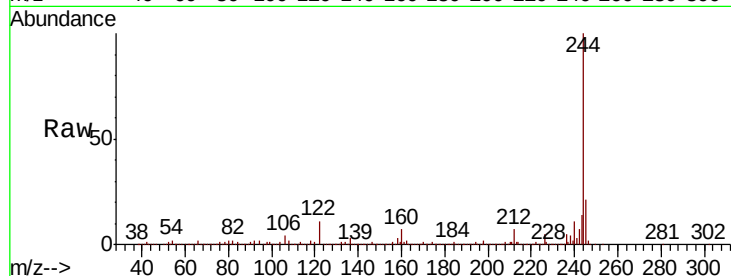
Tot Ion:244 Resp: 2317696

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

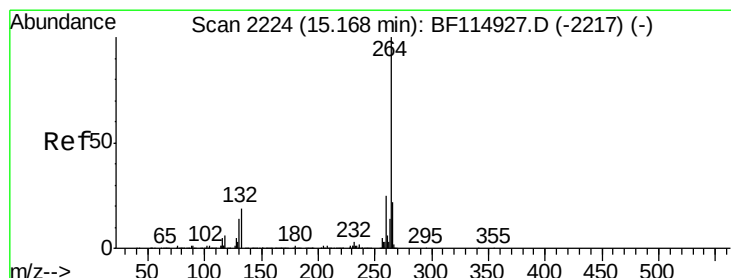
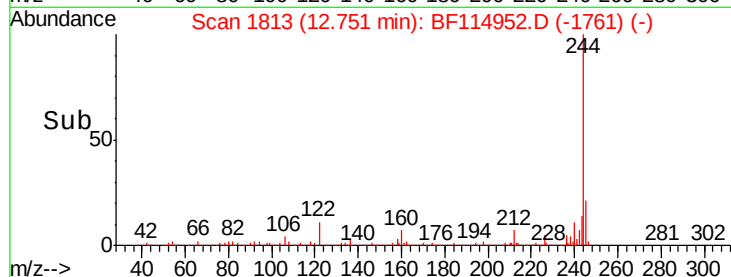
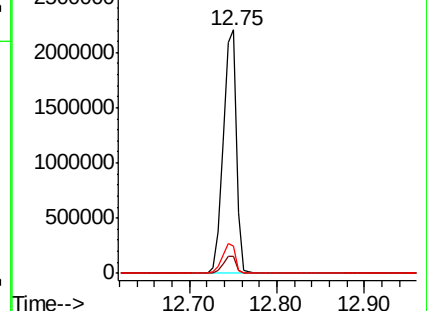
122 11.2 10.2 15.4



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: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF114952.D

Acq: 11 Jun 2019 19:22

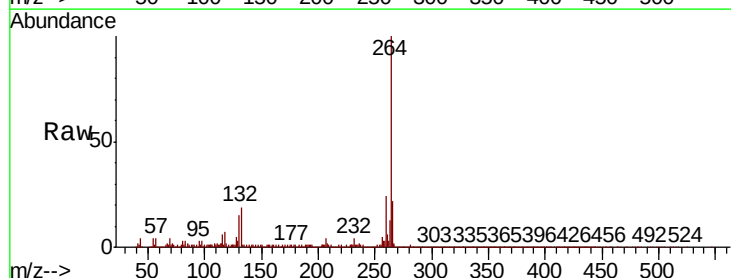
Tgt Ion:264 Resp: 516995

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.5 17.5 26.3



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

