

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118208.D
 Acq On : 16 Dec 2019 20:43
 Operator : JU
 Sample : K6112-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-121219

Quant Time: Dec 17 03:51:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107686	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	420068	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	221623	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	423832	20.00	ng	0.00
76) Chrysene-d12	14.06	240	311005	20.00	ng	-0.01
87) Perylene-d12	15.54	264	287262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	795690	129.42	ng	0.00
7) Phenol-d6	6.50	99	870415	117.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	663976	88.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	394929	146.69	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1363650	93.63	ng	-0.01
79) Terphenyl-d14	13.00	244	1762391	97.45	ng	0.00

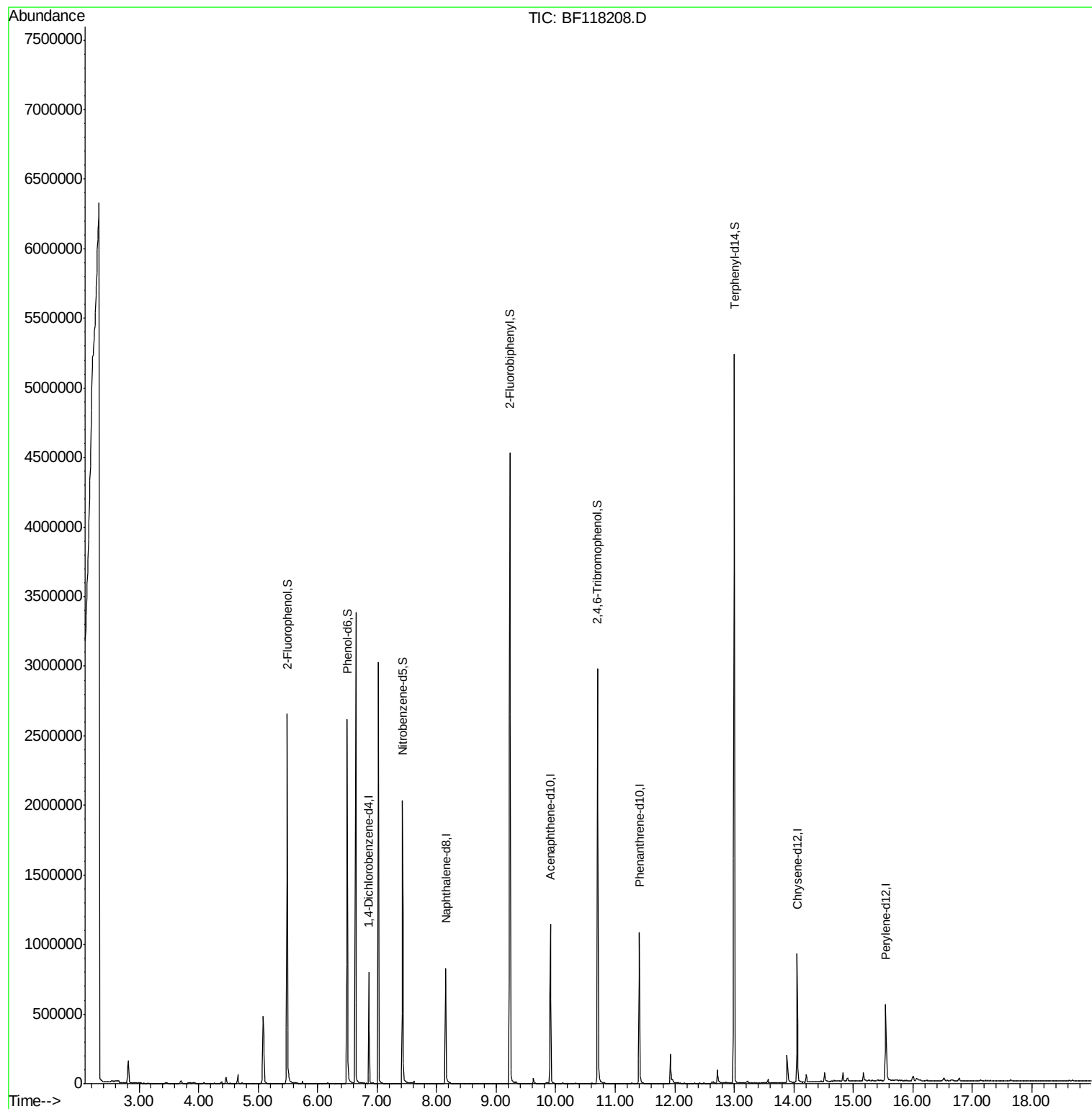
Target Compounds Qvalue

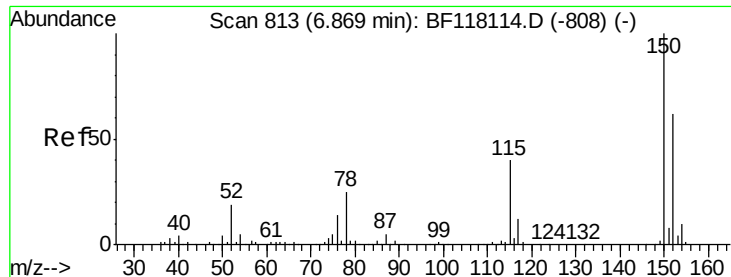
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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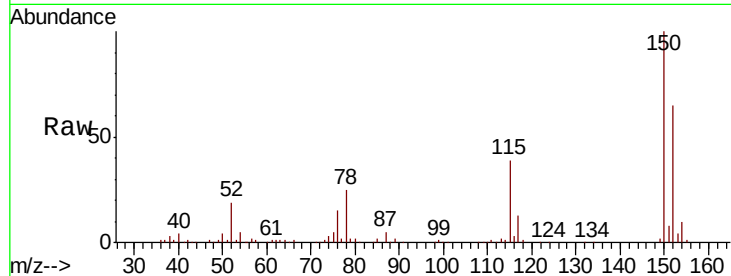


#1

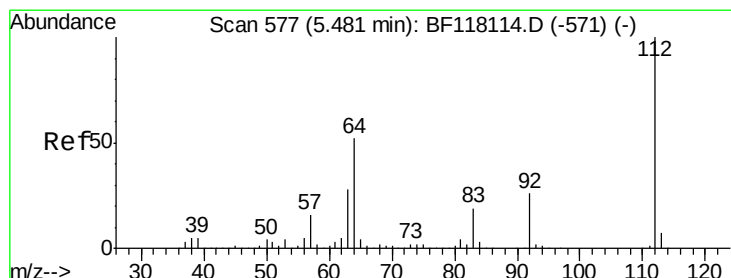
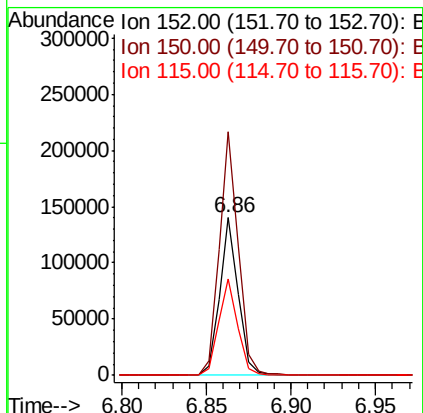
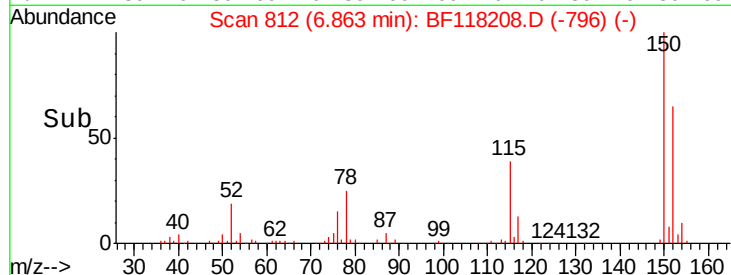
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118208.D
Acq: 16 Dec 2019 20:43

Instrument :
BNA_F
ClientSampleId :
OK-03-121219

Tot Ion:152 Resp: 107686
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 61.1 51.1 76.7



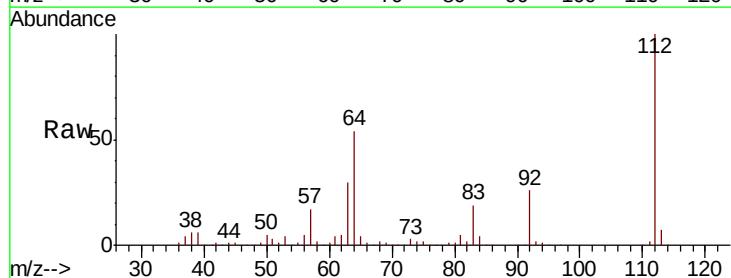
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



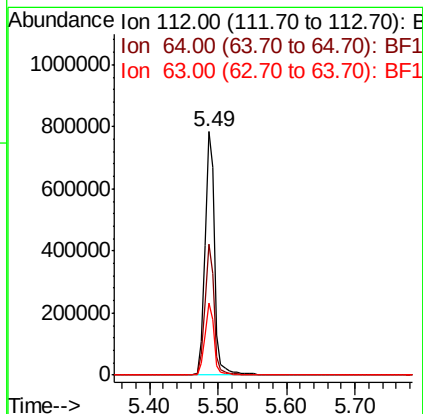
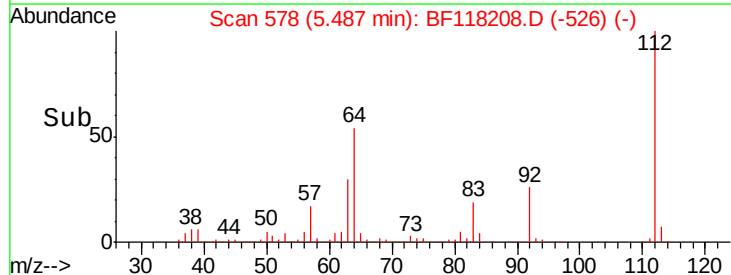
#5

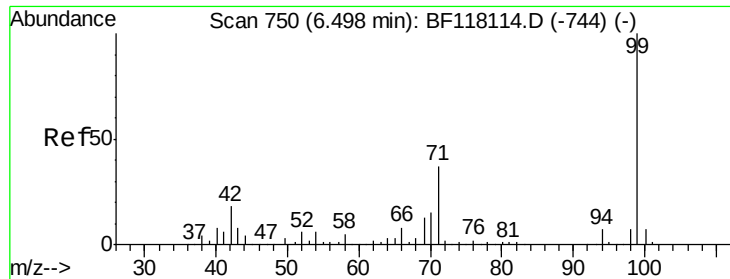
2-Fluorophenol
Concen: 129.415 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118208.D
Acq: 16 Dec 2019 20:43

Tgt Ion:112 Resp: 795690
Ion Ratio Lower Upper
112 100
64 53.6 41.3 61.9
63 29.8 22.4 33.6



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: 117.045 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

Instrument :

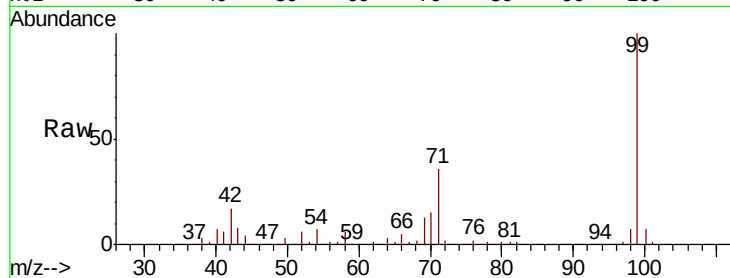
BNA_F

ClientSampleId :

OK-03-121219

Tot Ion: 99 Resp: 870415

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	36.5	29.7	44.5

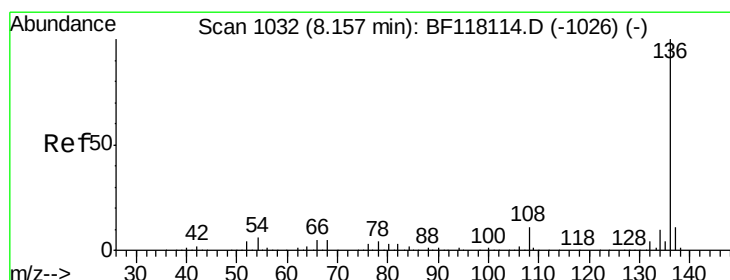
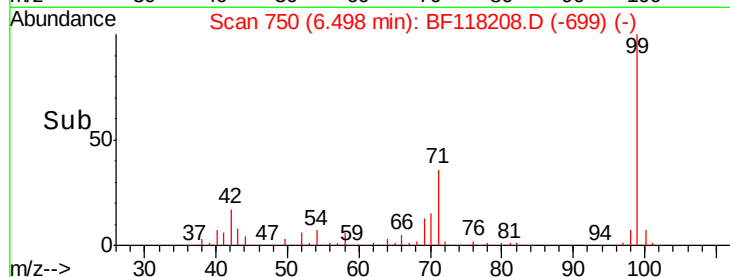
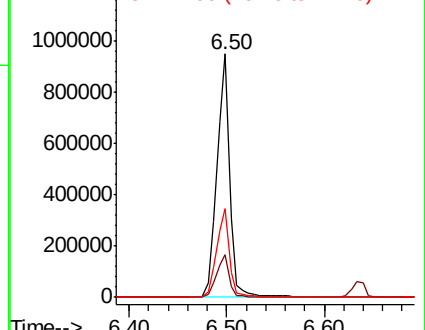


Abundance

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: 8.15 min Scan# 1031

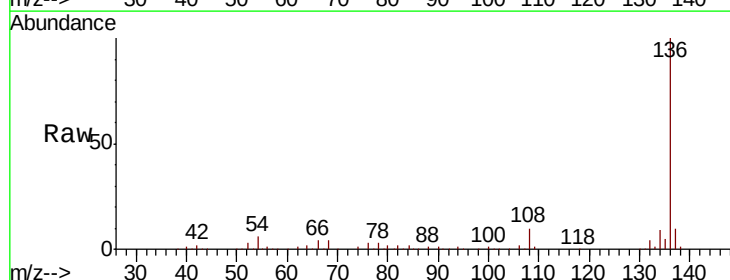
Delta R.T. -0.01 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

Tgt Ion: 136 Resp: 420068

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	5.8	5.0	7.6
68	4.2	3.8	5.8



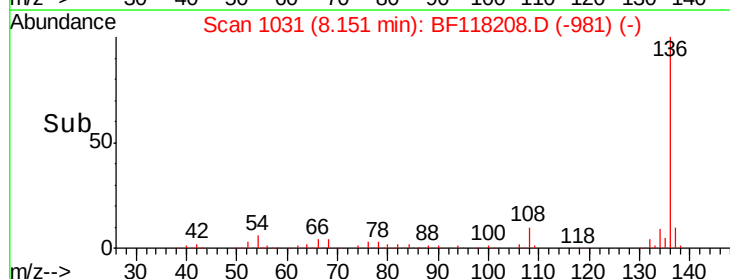
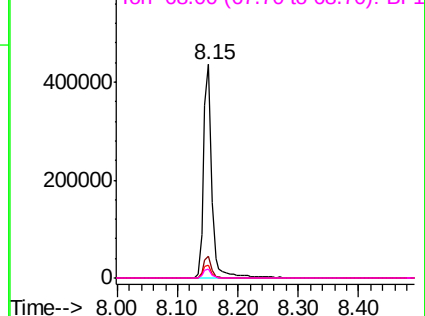
Abundance

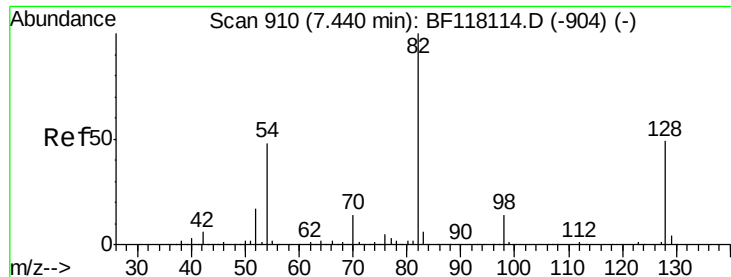
Ion 136.00 (135.70 to 136.70): E

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

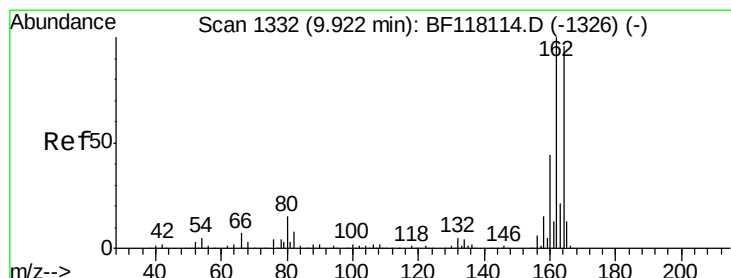
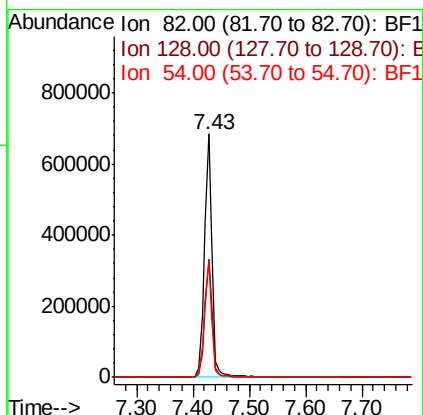
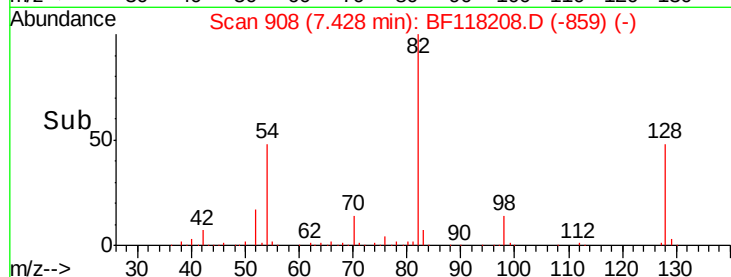
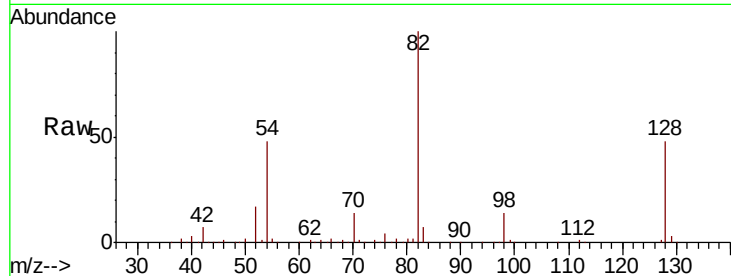




#23
Nitrobenzene-d5
Concen: 88.923 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118208.D
Acq: 16 Dec 2019 20:43

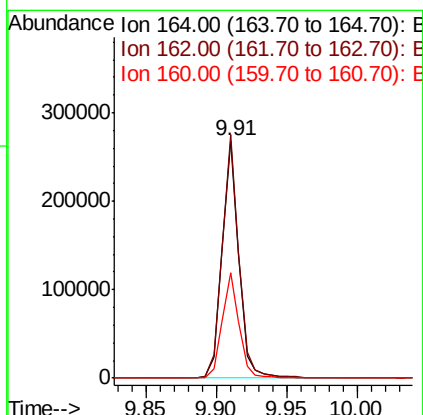
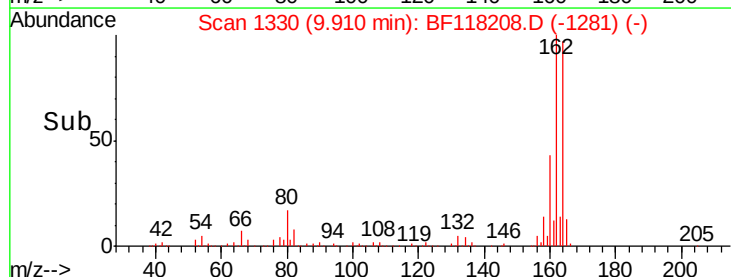
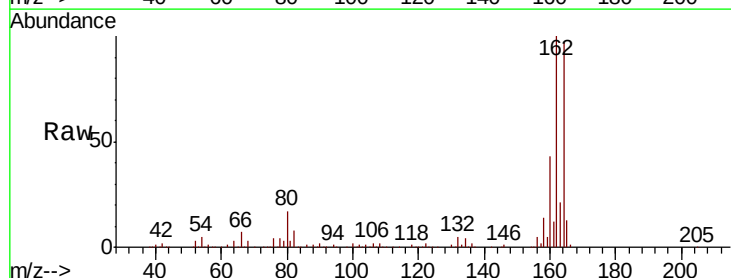
Instrument :
BNA_F
ClientSampleId :
OK-03-121219

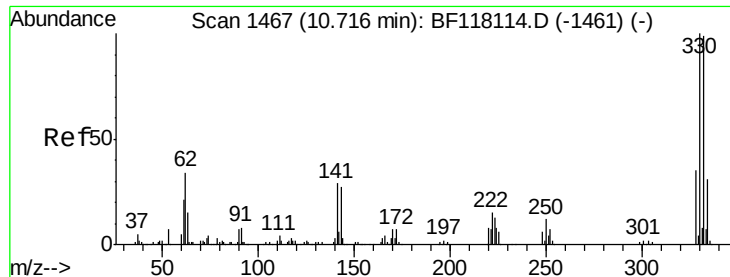
Tot Ion: 82 Resp: 663976
Ion Ratio Lower Upper
82 100
128 48.4 39.1 58.7
54 48.2 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118208.D
Acq: 16 Dec 2019 20:43

Tgt Ion:164 Resp: 221623
Ion Ratio Lower Upper
164 100
162 102.6 83.4 125.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 146.688 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

Instrument :

BNA_F

ClientSampleId :

OK-03-121219

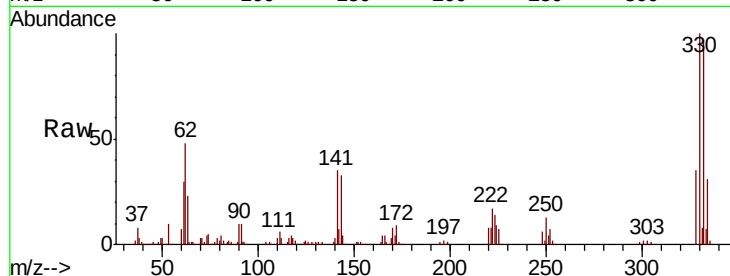
Tot Ion:330 Resp: 394929

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

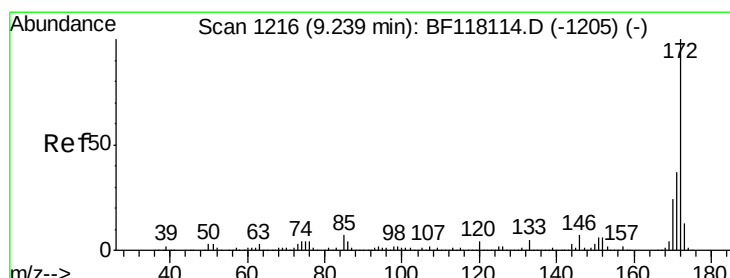
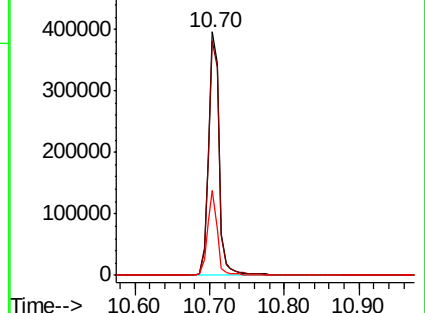
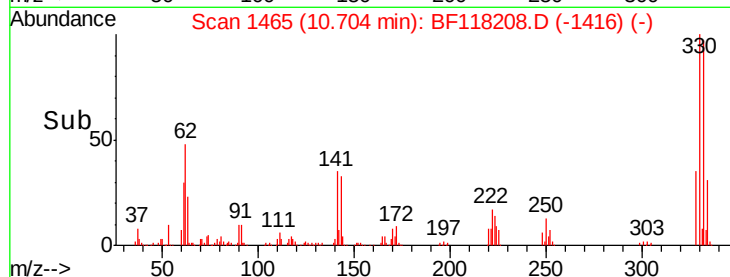
141 32.0 26.9 40.3



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: 93.627 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

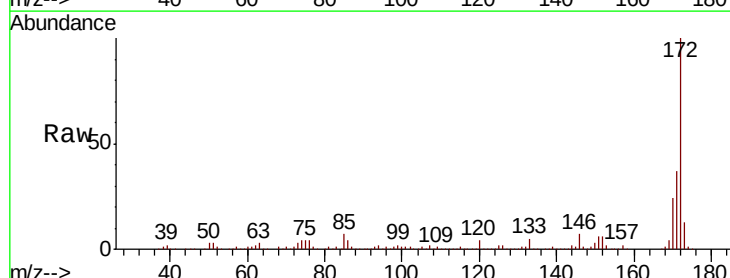
Tgt Ion:172 Resp: 1363650

Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

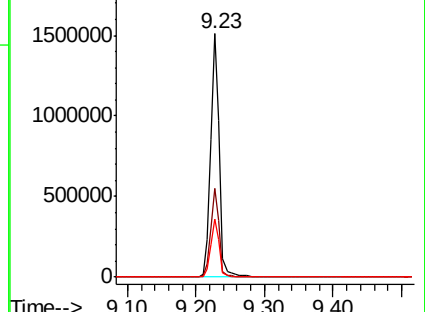
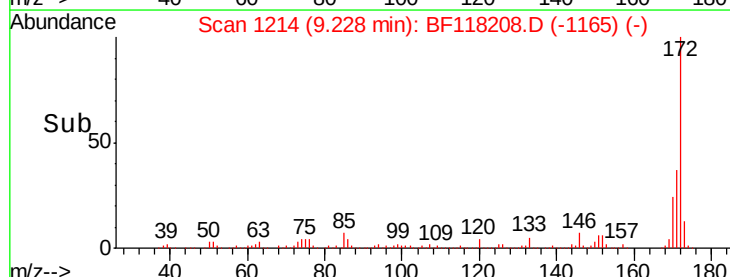
170 23.8 19.4 29.2

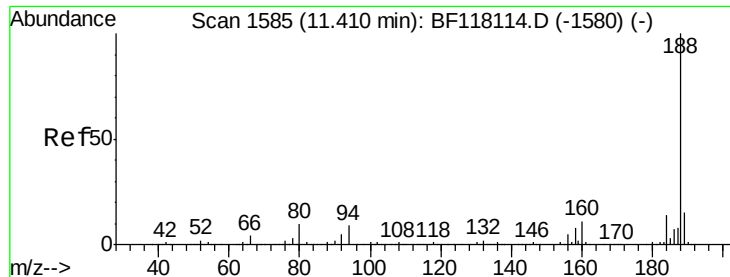


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

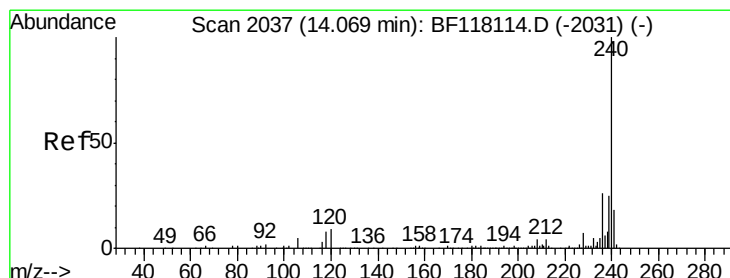
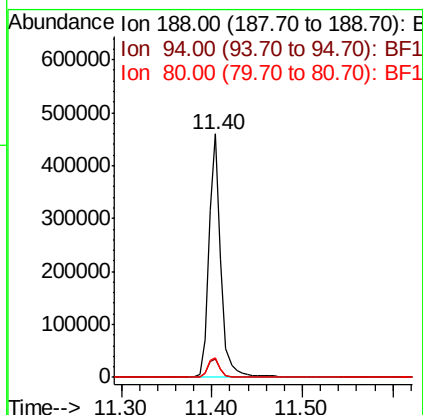
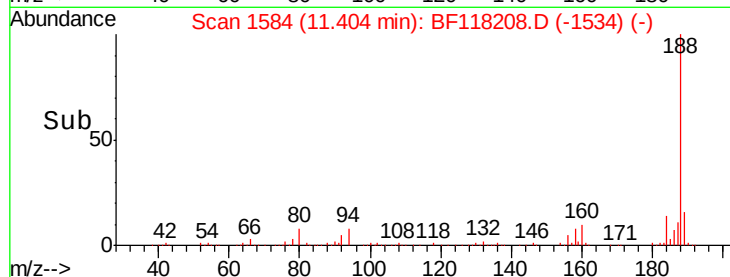
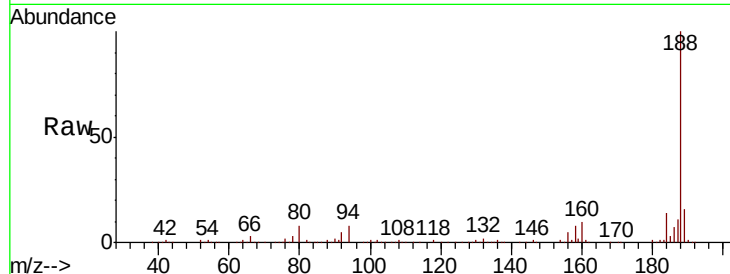




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118208.D
 Acq: 16 Dec 2019 20:43

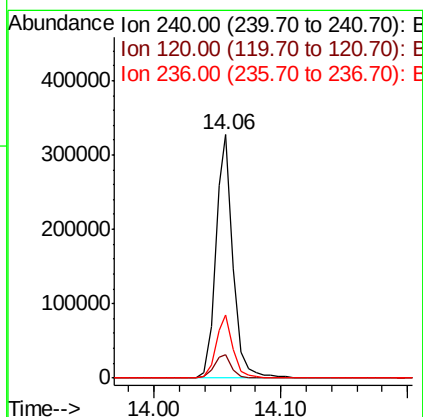
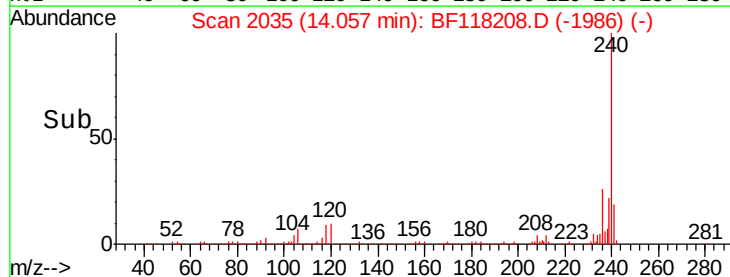
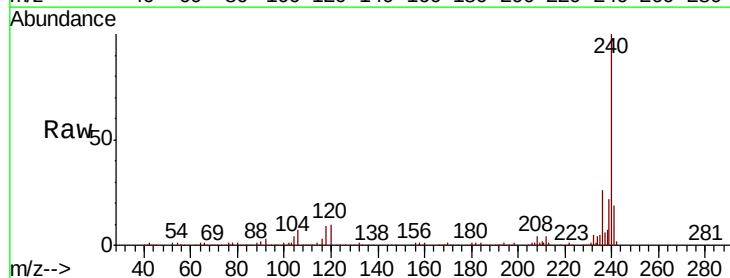
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-121219

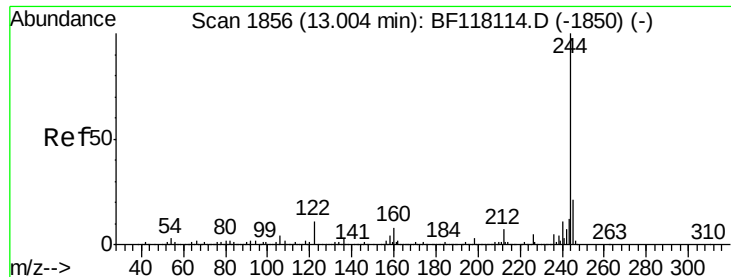
Tot Ion:188 Resp: 423832
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.1 10.7
 80 8.1 7.9 11.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118208.D
 Acq: 16 Dec 2019 20:43

Tgt Ion:240 Resp: 311005
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 97.447 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

Instrument :

BNA_F

ClientSampleId :

OK-03-121219

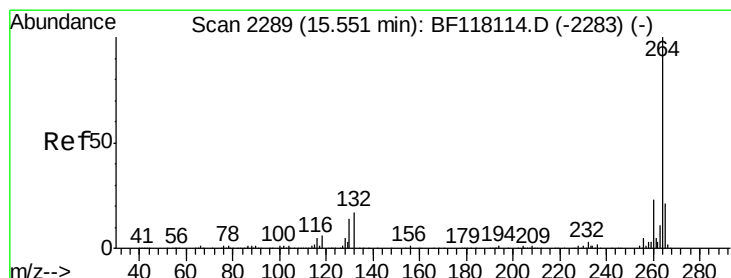
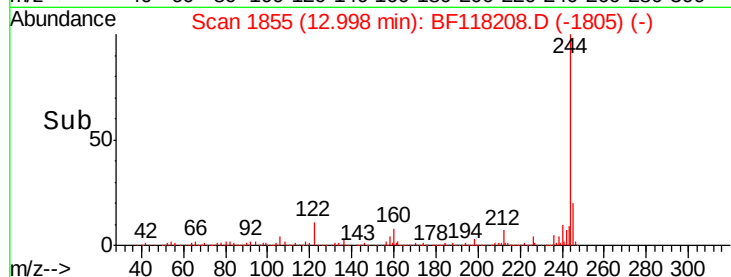
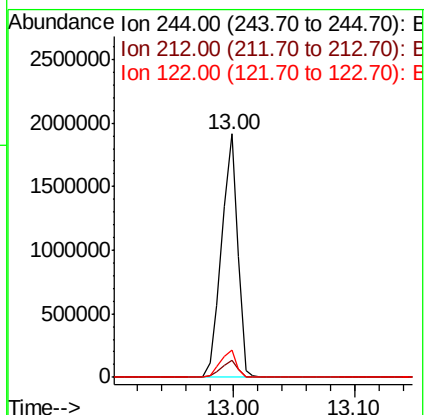
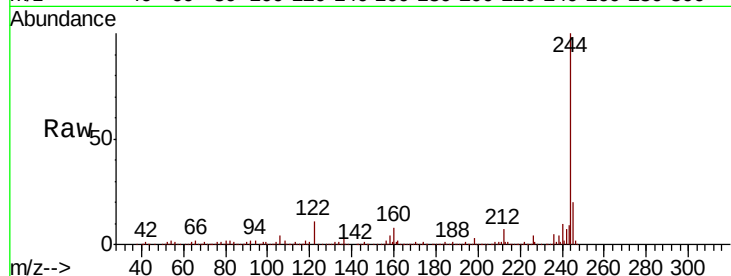
Tot Ion:244 Resp: 1762391

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.3 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118208.D

Acq: 16 Dec 2019 20:43

Tgt Ion:264 Resp: 287262

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.5 16.8 25.2

