

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118212.D
 Acq On : 16 Dec 2019 22:35
 Operator : JU
 Sample : K6145-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-3

Quant Time: Dec 17 04:04:04 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	95583	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	375383	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	200581	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	395181	20.00	ng	0.00
76) Chrysene-d12	14.06	240	318374	20.00	ng	-0.01
87) Perylene-d12	15.54	264	311720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	673572	123.43	ng	0.00
7) Phenol-d6	6.49	99	751197	113.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	583550	87.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	342519	140.57	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1232648	93.51	ng	-0.01
79) Terphenyl-d14	13.00	244	1679393	90.71	ng	0.00

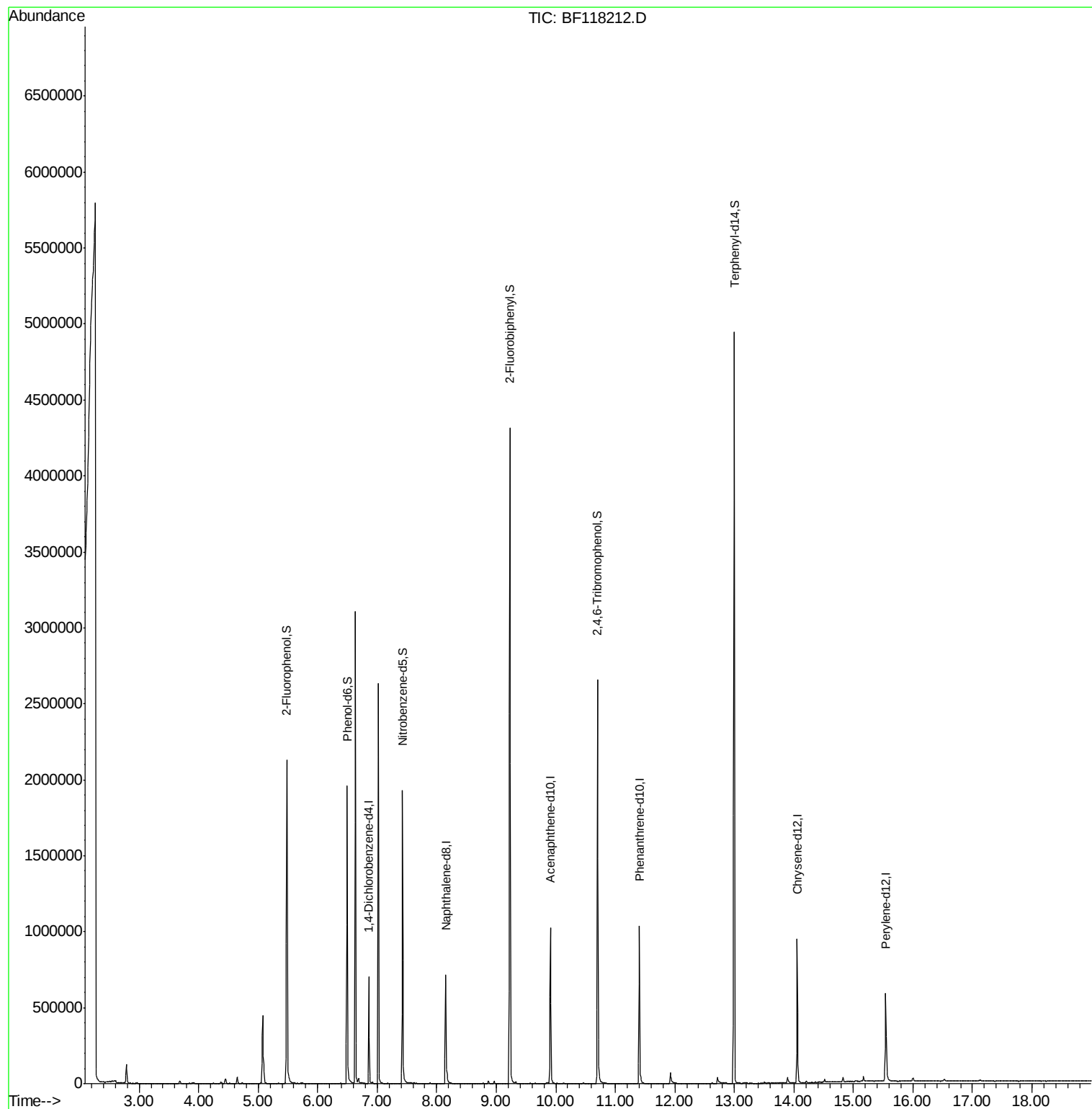
Target Compounds Qvalue

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

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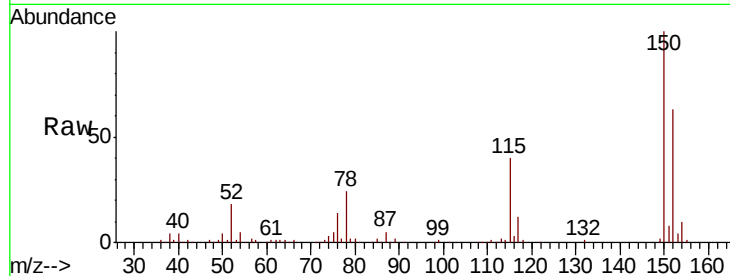


#1

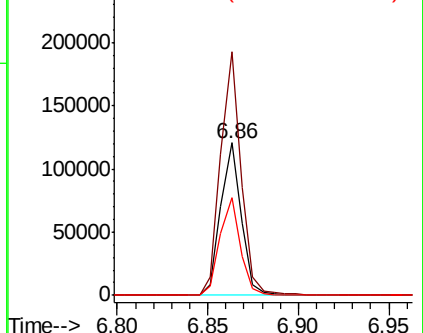
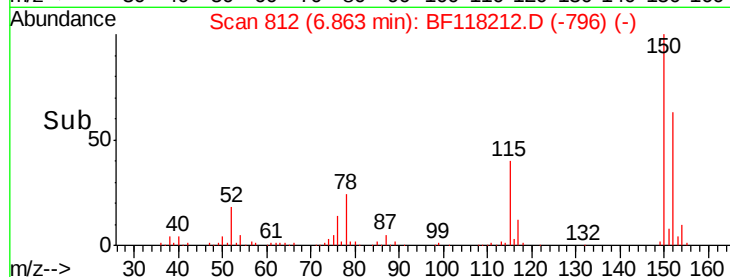
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-3

Tot Ion:152 Resp: 95583
 Ion Ratio Lower Upper
 152 100
 150 159.5 128.3 192.5
 115 63.6 51.1 76.7



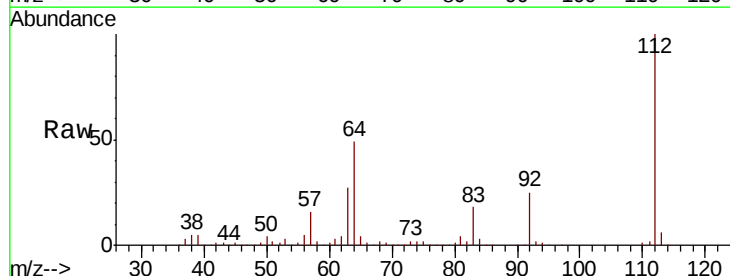
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



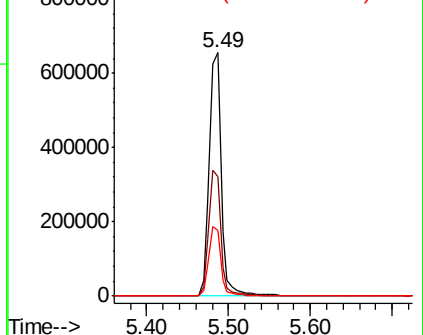
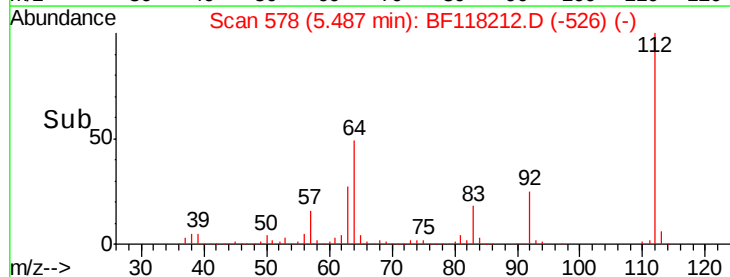
#5

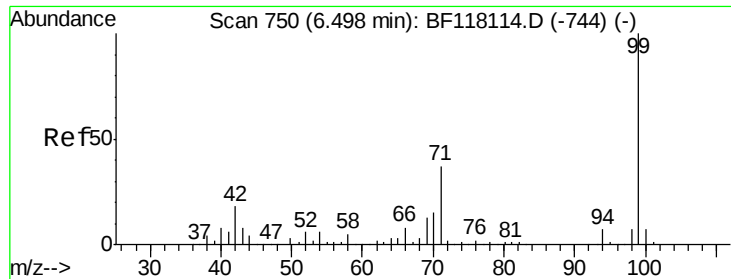
2-Fluorophenol
 Concen: 123.425 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Tgt Ion:112 Resp: 673572
 Ion Ratio Lower Upper
 112 100
 64 49.1 41.3 61.9
 63 27.1 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: 113.804 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Instrument :

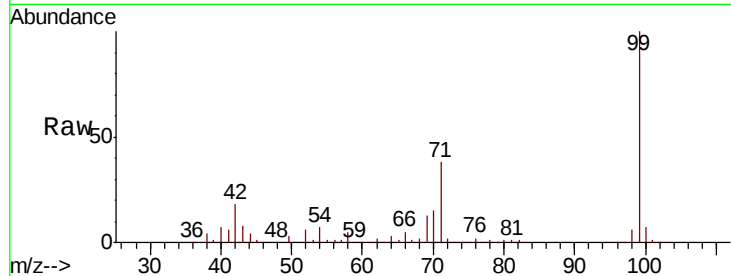
BNA_F

ClientSampleId :

TH-3

Tot Ion: 99 Resp: 751197

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	37.7	29.7	44.5

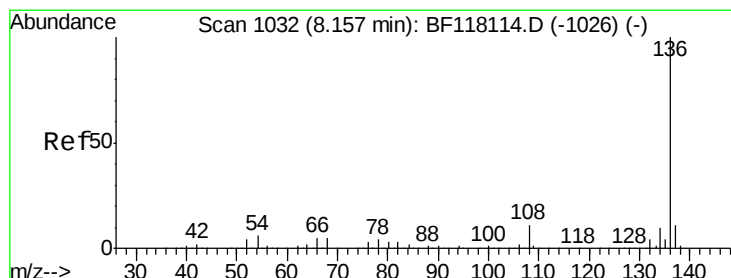
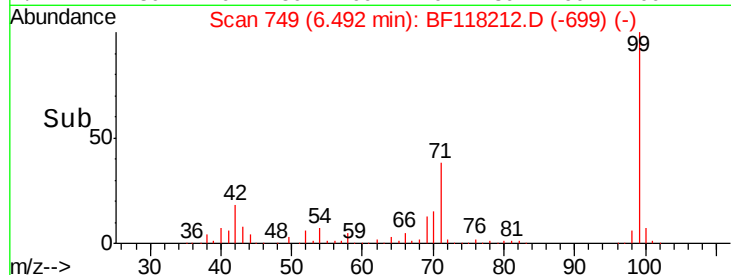
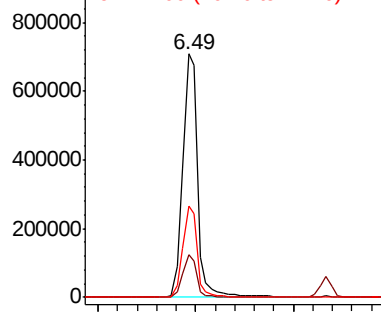


Abundance

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

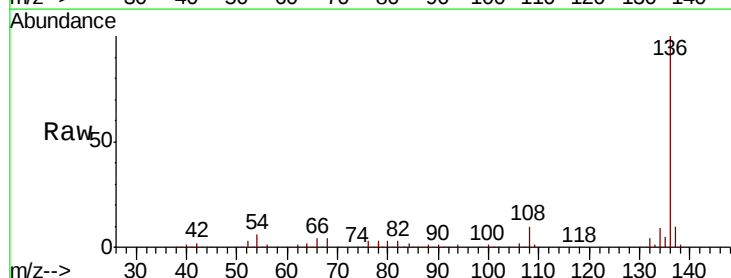
Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Tgt Ion: 136 Resp: 375383

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	5.7	5.0	7.6
68	4.2	3.8	5.8



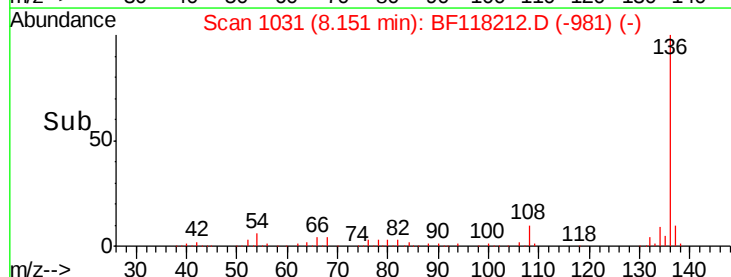
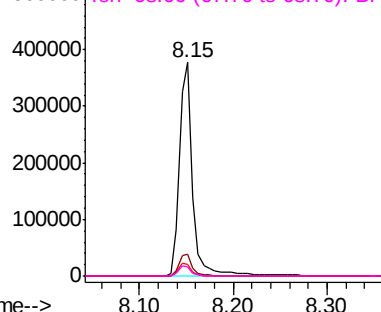
Abundance

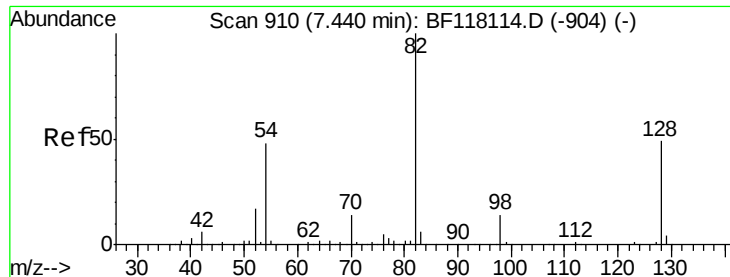
Ion 136.00 (135.70 to 136.70): E

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

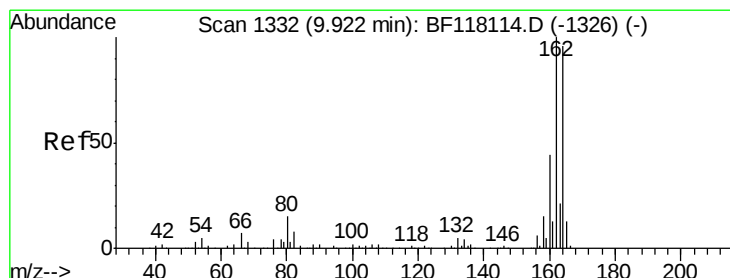
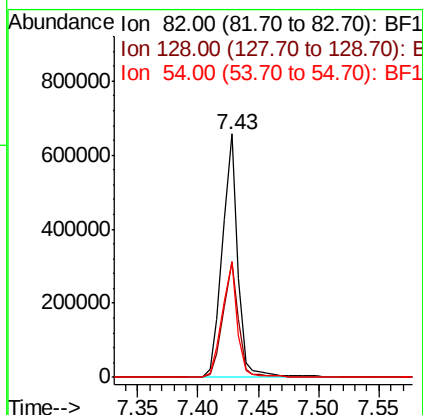
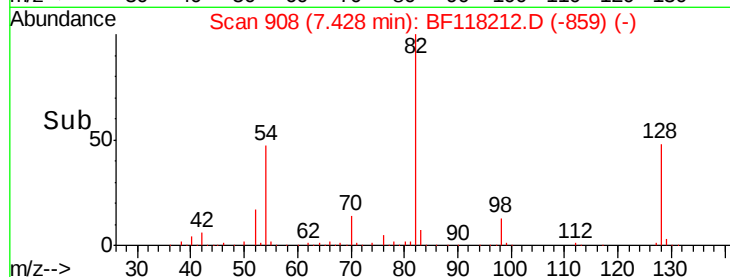
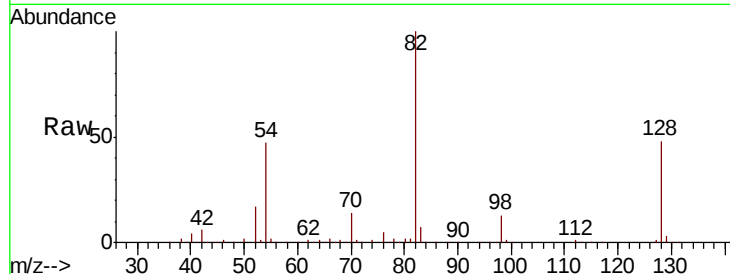




#23
 Nitrobenzene-d5
 Concen: 87.455 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

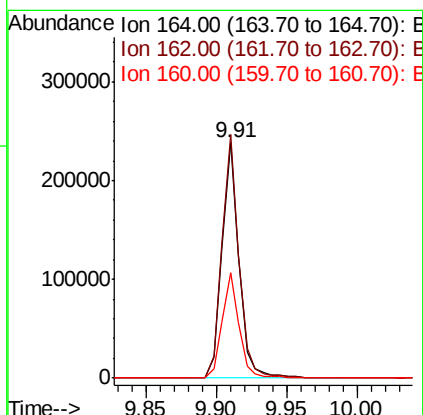
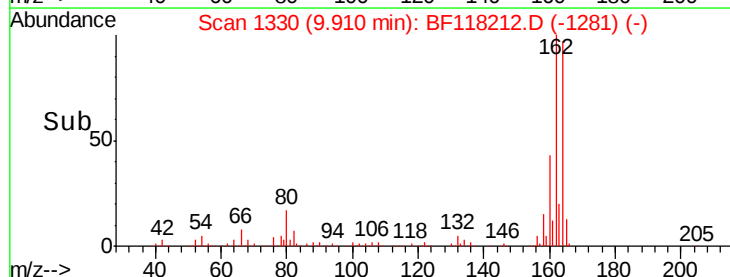
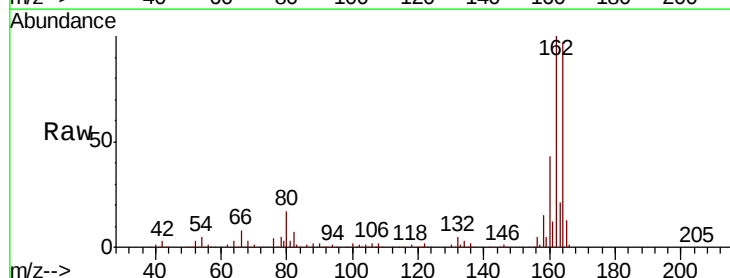
Instrument :
 BNA_F
 ClientSampleId :
 TH-3

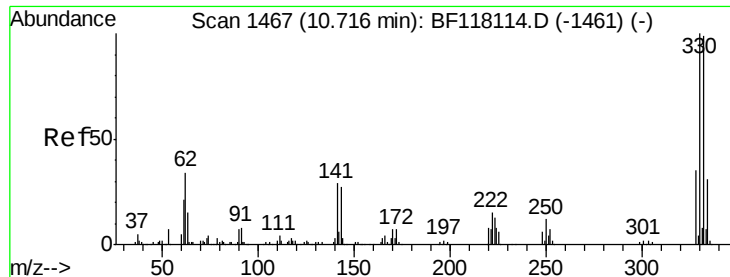
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.1	58.7
54	47.4	38.2	57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118212.D
 Acq: 16 Dec 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.4	125.0
160	44.9	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 140.567 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Instrument :

BNA_F

ClientSampleId :

TH-3

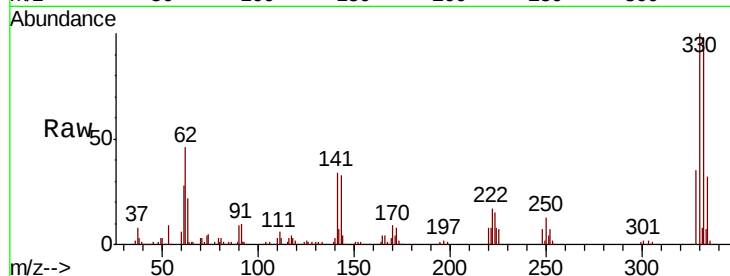
Tot Ion:330 Resp: 342519

Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

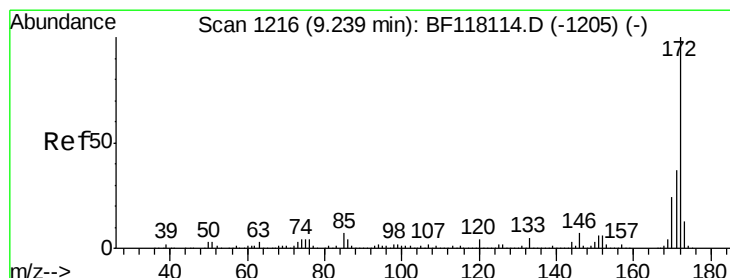
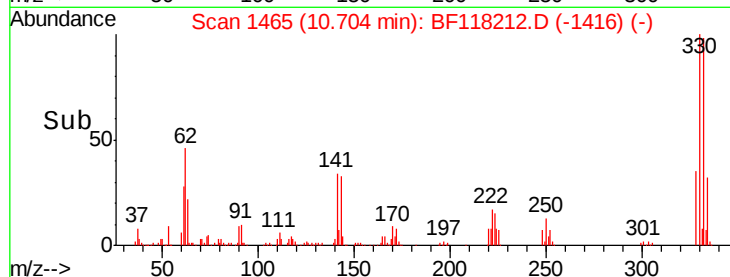
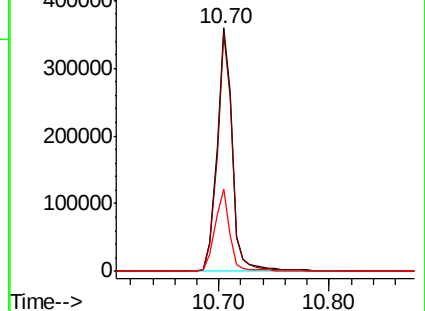
141 32.7 26.9 40.3



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: 93.511 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

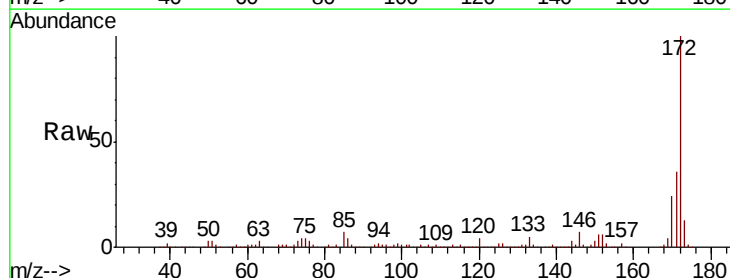
Tgt Ion:172 Resp: 1232648

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

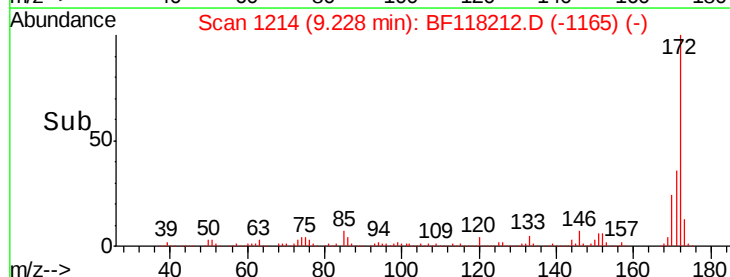
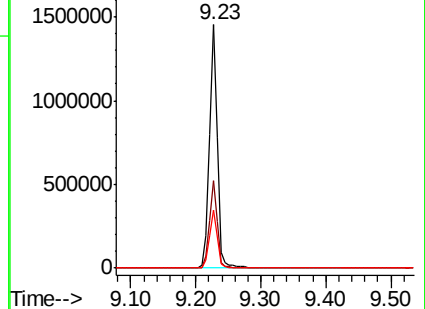
170 23.7 19.4 29.2

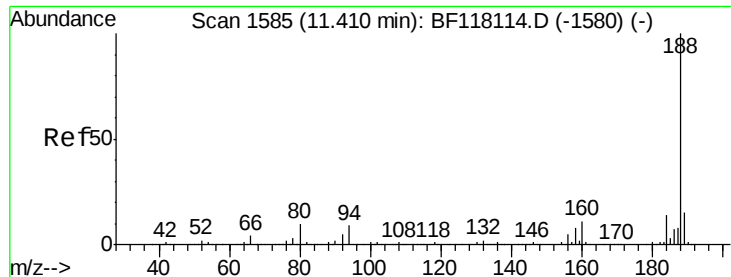


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

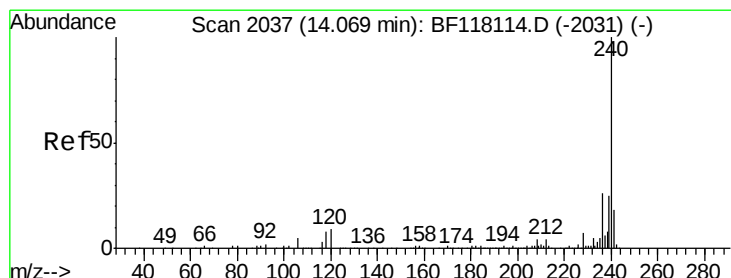
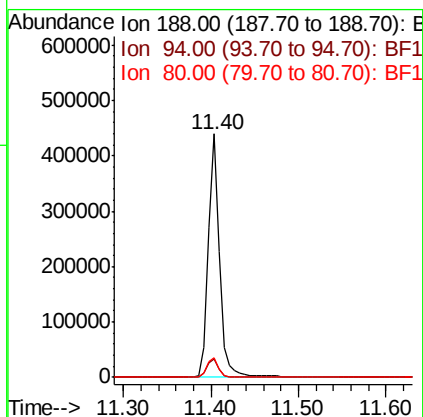
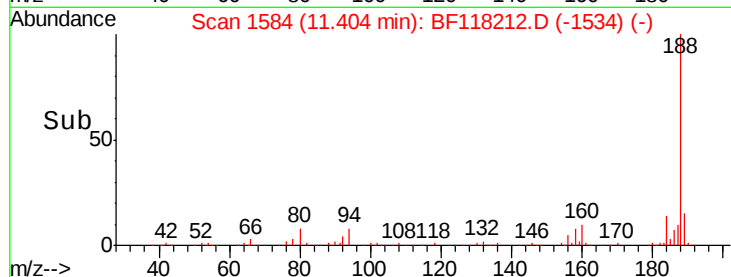
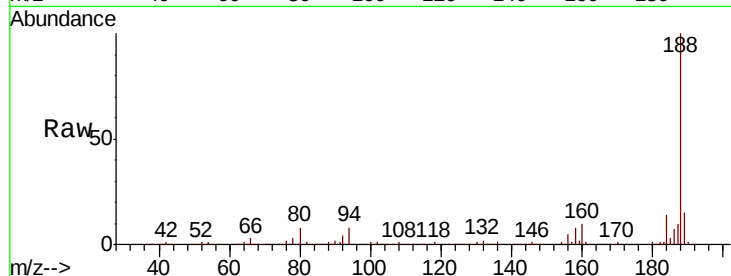




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

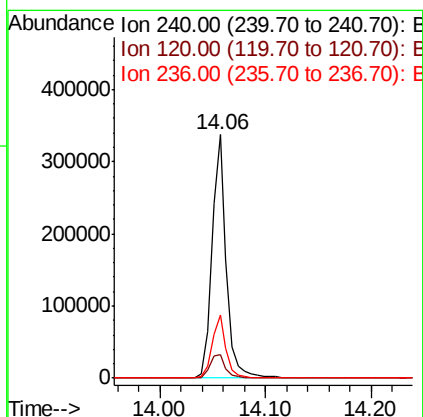
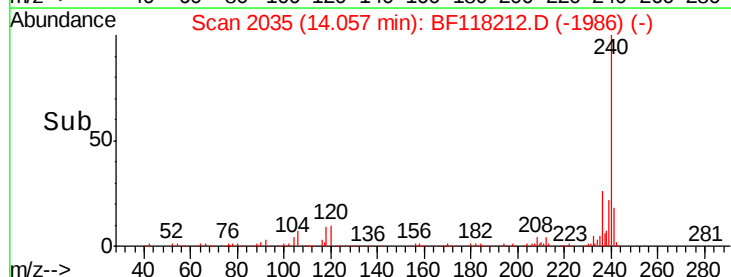
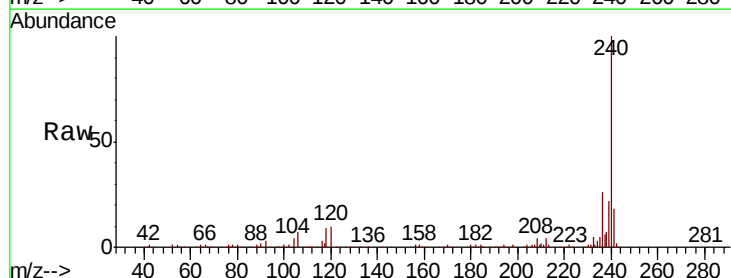
Instrument :
BNA_F
ClientSampleId :
TH-3

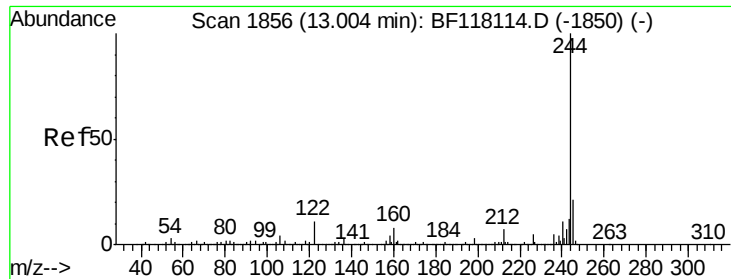
Tot Ion:188 Resp: 395181
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118212.D
Acq: 16 Dec 2019 22:35

Tgt Ion:240 Resp: 318374
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 90.709 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

Instrument :

BNA_F

ClientSampled :

TH-3

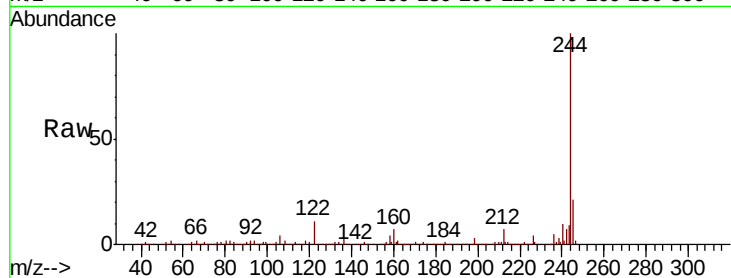
Tot Ion:244 Resp: 1679393

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

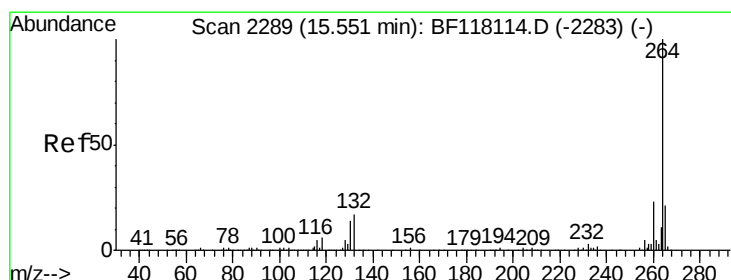
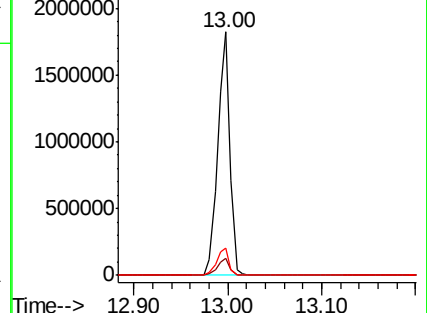
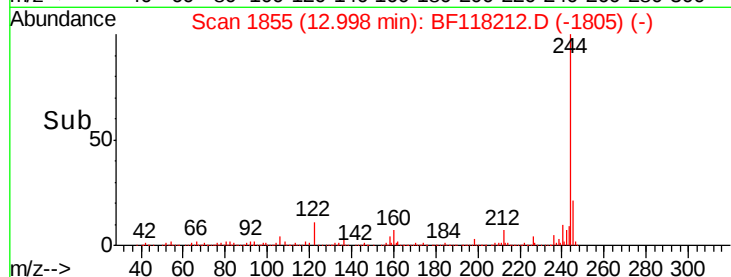
122 11.3 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118212.D

Acq: 16 Dec 2019 22:35

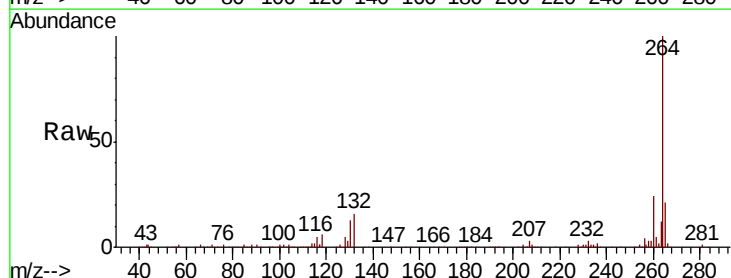
Tgt Ion:264 Resp: 311720

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.1 16.8 25.2



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

