

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114418.D
 Acq On : 19 May 2019 4:31
 Operator : JU/SJ
 Sample : K2648-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051619

Quant Time: May 20 08:53:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	235823	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	848361	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	395663	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	721821	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	443061	20.00	ng	-0.03
87) Perylene-d12	15.46	264	469058	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2621225	178.87	ng	0.02
7) Phenol-d6	6.50	99	3186633	183.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	2423781	160.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	856331	209.35	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	3684580	140.87	ng	-0.02
79) Terphenyl-d14	12.94	244	3285970	152.89	ng	-0.02

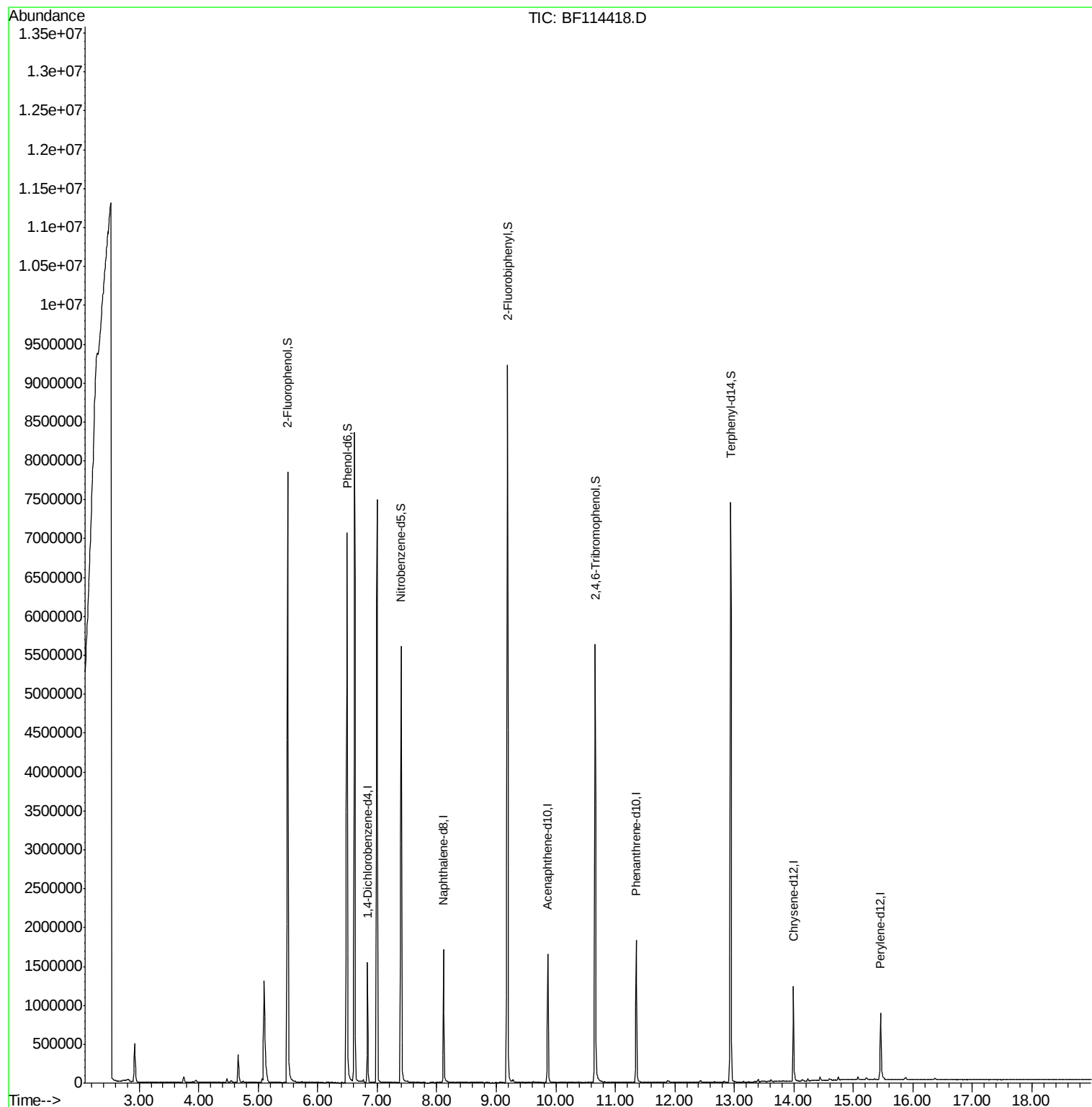
Target Compounds	Qvalue
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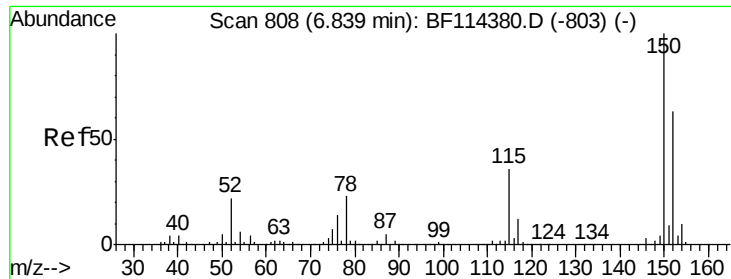
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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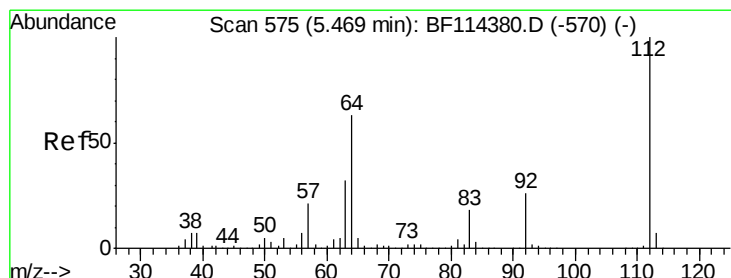
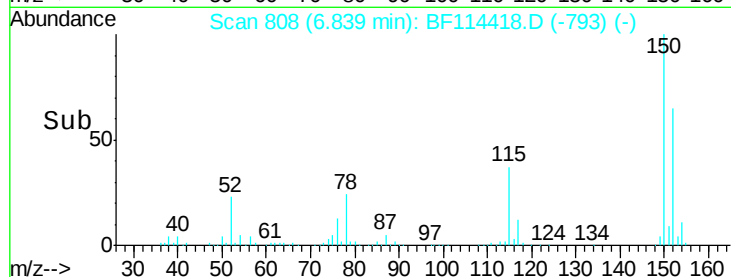
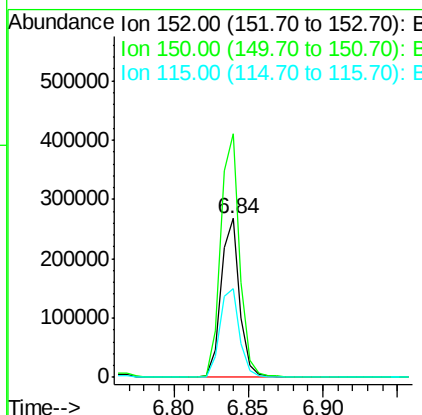
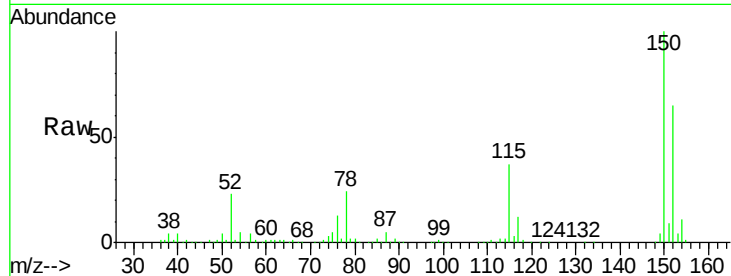


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Instrument :
BNA_F
ClientSampleId :
TR-05-051619

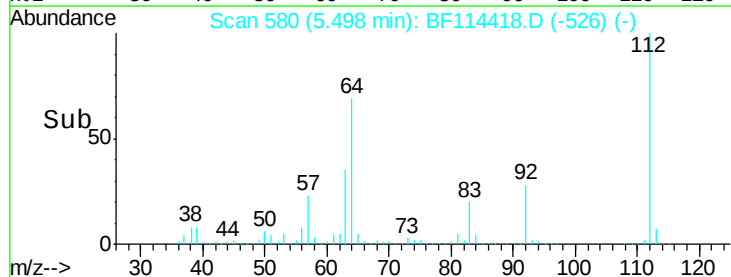
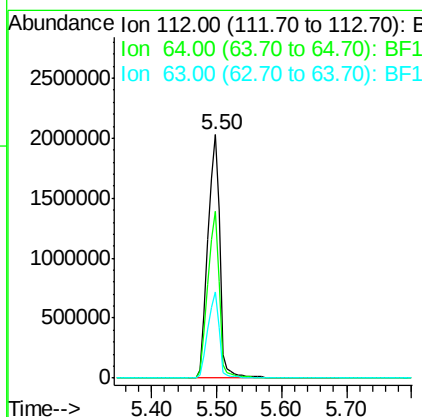
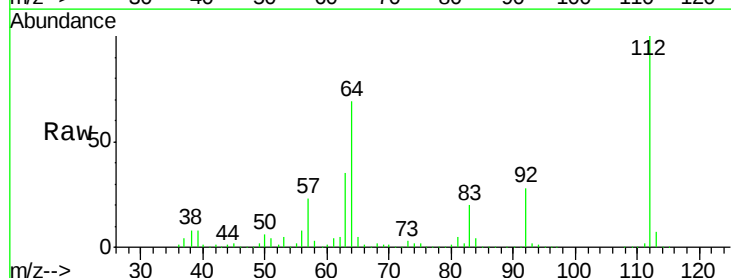
Tgt Ion:152 Resp: 235823
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 56.1 49.1 73.7



#5

2-Fluorophenol
Concen: 178.873 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114418.D
Acq: 19 May 2019 4:31

Tgt Ion:112 Resp: 2621225
Ion Ratio Lower Upper
112 100
64 68.5 49.0 73.6
63 35.3 24.6 37.0





#7

Phenol-d6

Concen: 183.860 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-051619

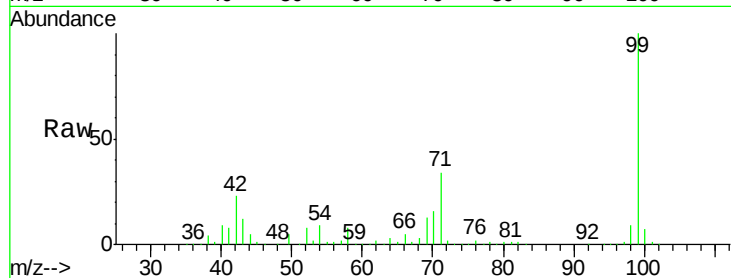
Tgt Ion: 99 Resp: 3186633

Ion Ratio Lower Upper

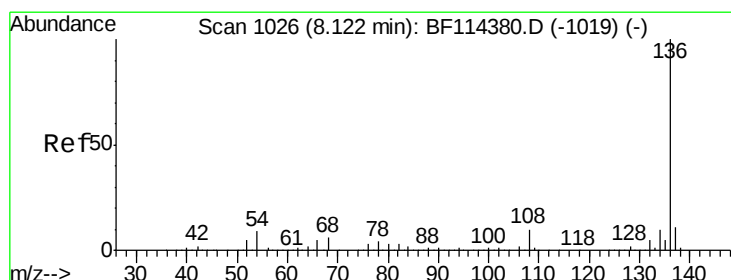
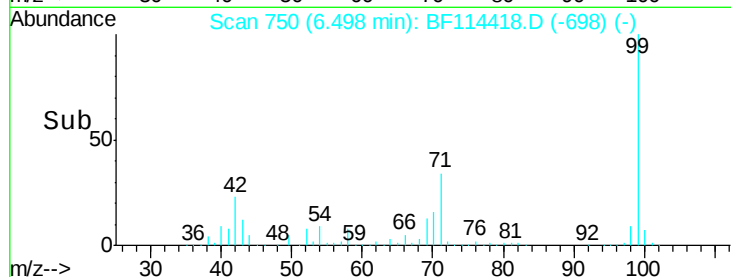
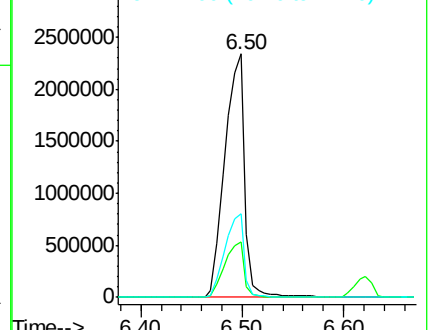
99 100

42 22.6 17.9 26.9

71 34.3 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

Tgt Ion: 136 Resp: 848361

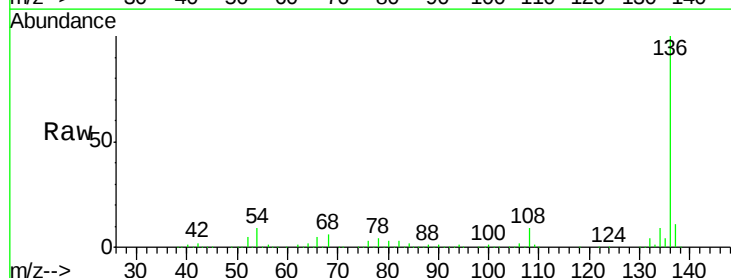
Ion Ratio Lower Upper

136 100

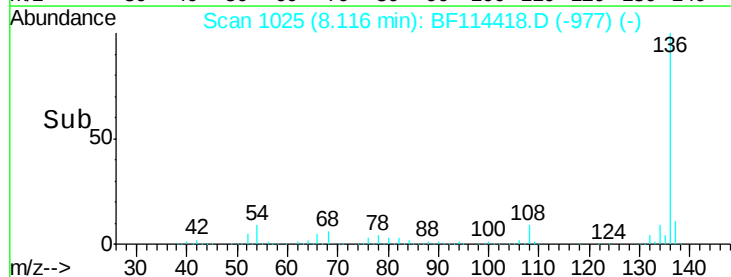
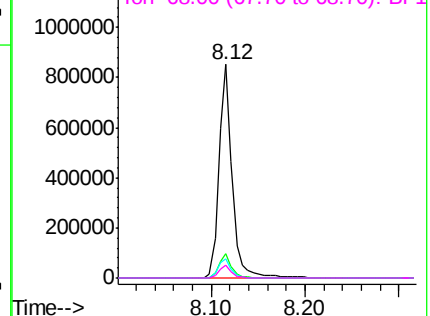
137 11.3 8.8 13.2

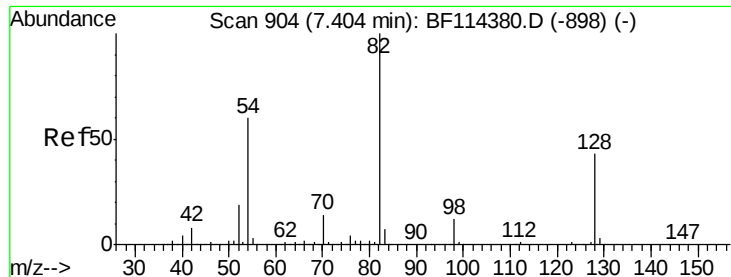
54 9.2 7.8 11.8

68 5.8 5.1 7.7



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

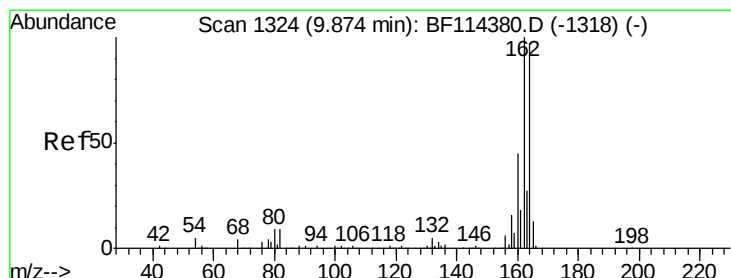
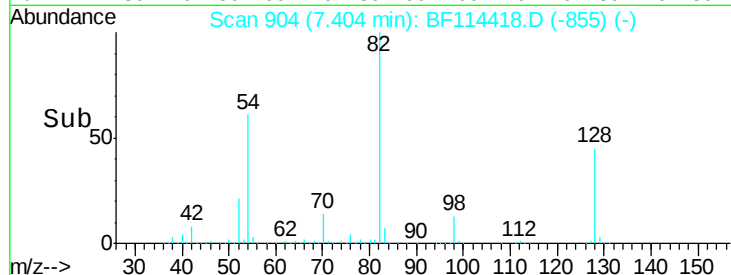
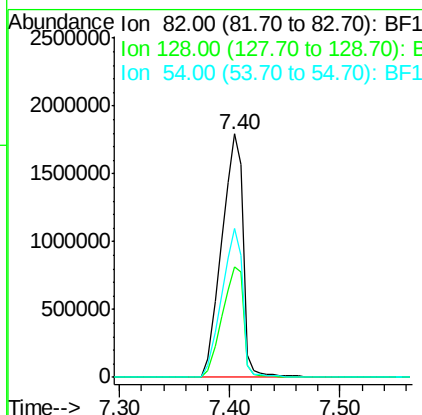
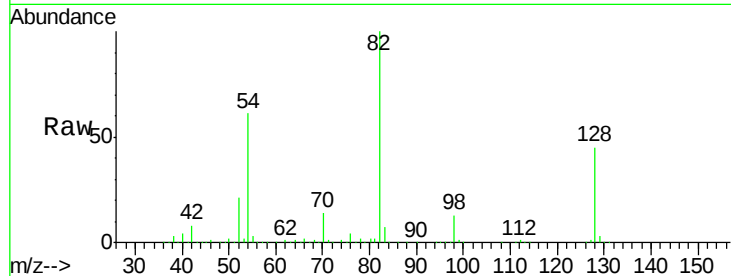




#23
 Nitrobenzene-d5
 Concen: 160.336 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114418.D
 Acq: 19 May 2019 4:31

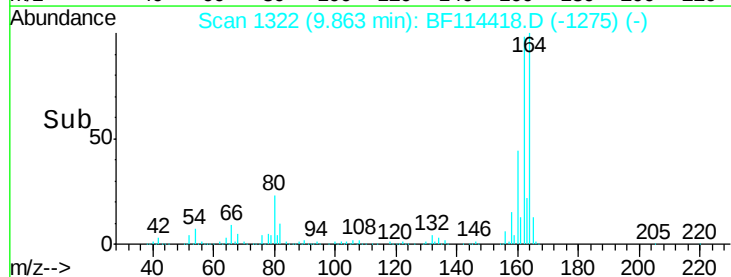
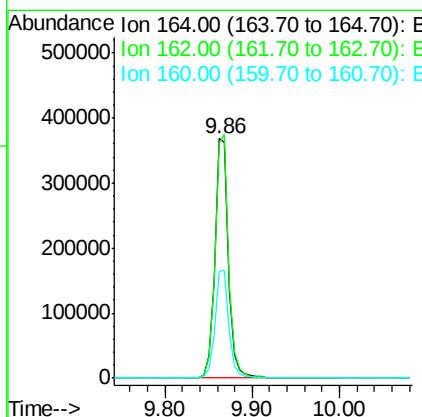
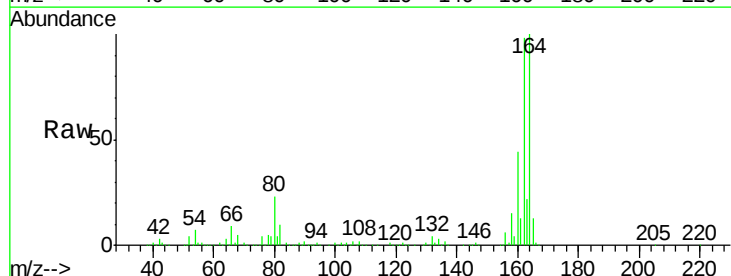
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051619

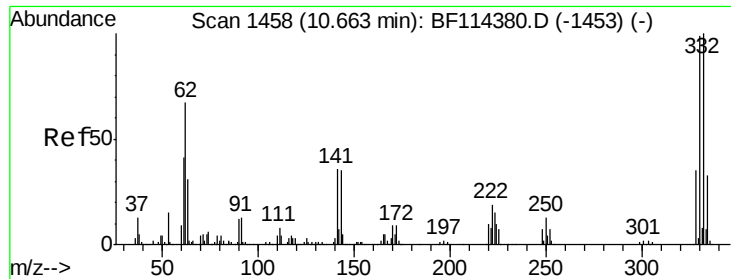
Tgt Ion: 82 Resp: 2423781
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.5 53.3
 54 61.4 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF114418.D
 Acq: 19 May 2019 4:31

Tgt Ion: 164 Resp: 395663
 Ion Ratio Lower Upper
 164 100
 162 98.2 80.6 120.8
 160 44.4 36.5 54.7

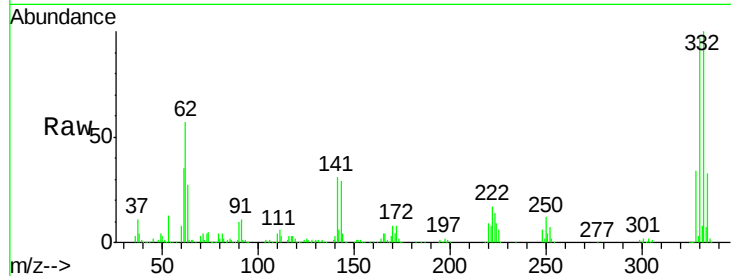




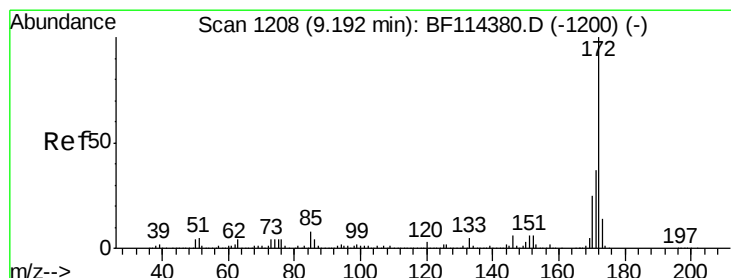
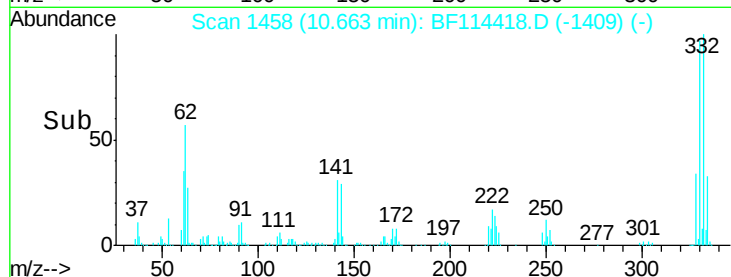
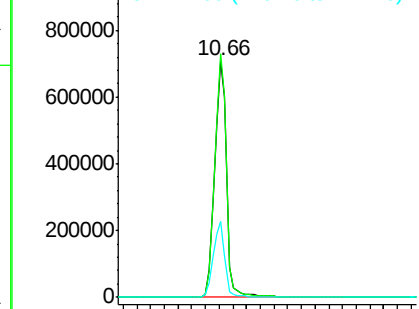
#42
 2,4,6-Tribromophenol
 Concen: 209.347 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114418.D
 Acq: 19 May 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051619

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	31.7	26.6	40.0

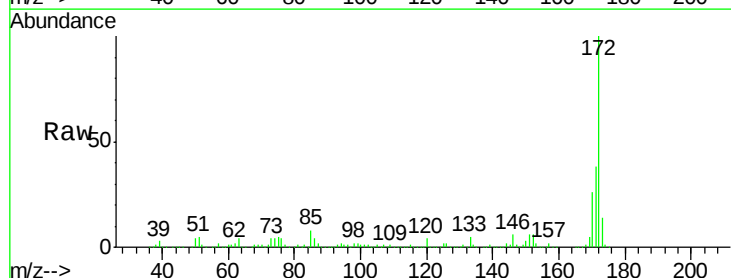


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

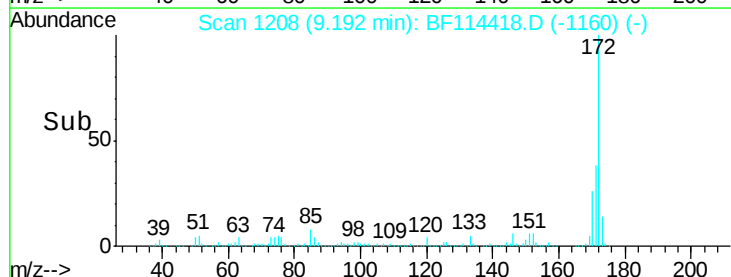
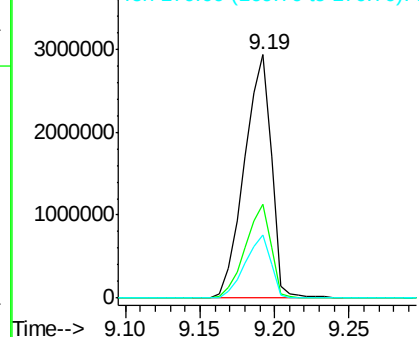


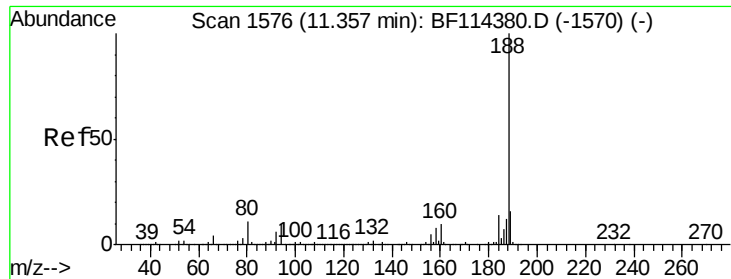
#45
 2-Fluorobiphenyl
 Concen: 140.866 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF114418.D
 Acq: 19 May 2019 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.7	46.1
170	25.8	20.5	30.7



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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-051619

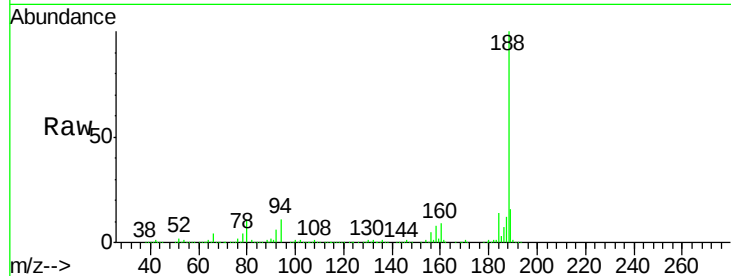
Tgt Ion:188 Resp: 721821

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

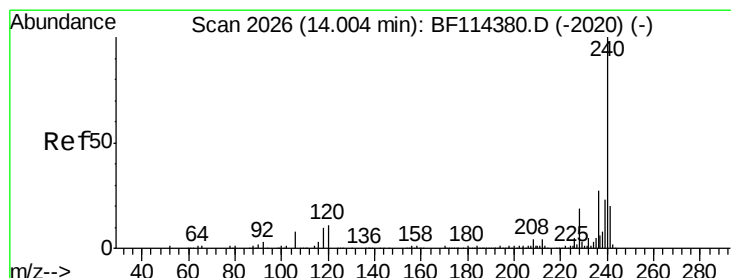
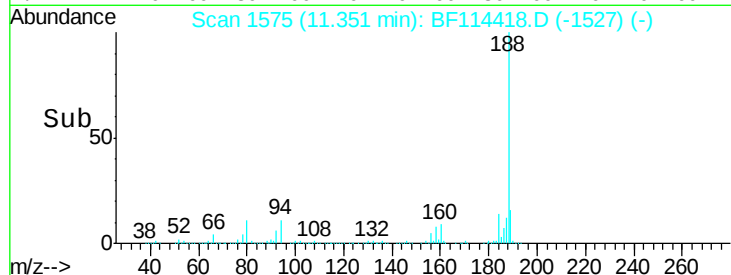
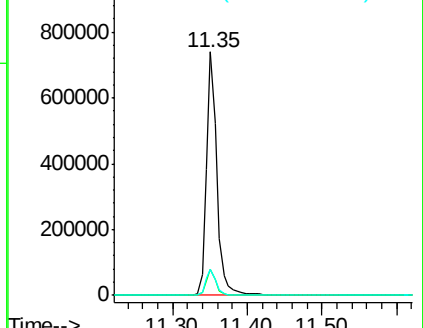
80 10.8 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

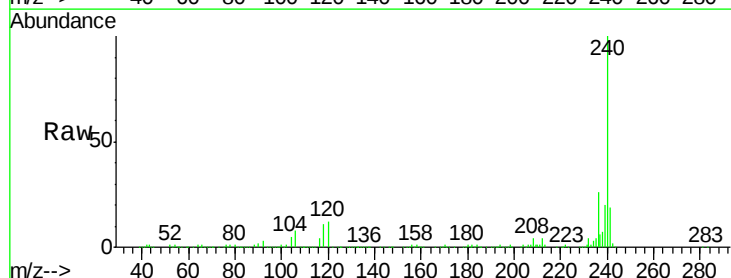
Tgt Ion:240 Resp: 443061

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

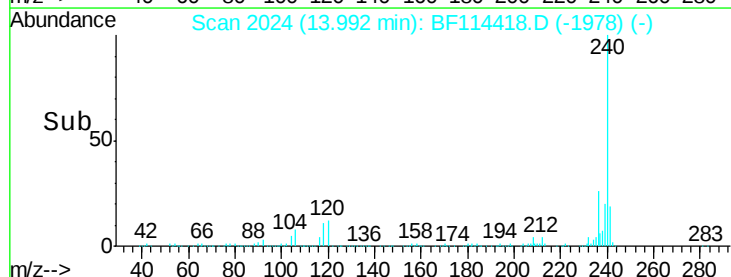
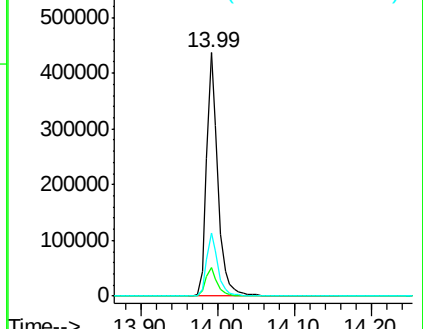
236 25.8 20.8 31.2

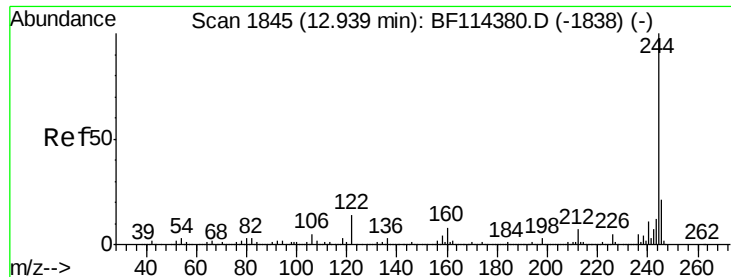


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 152.886 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-051619

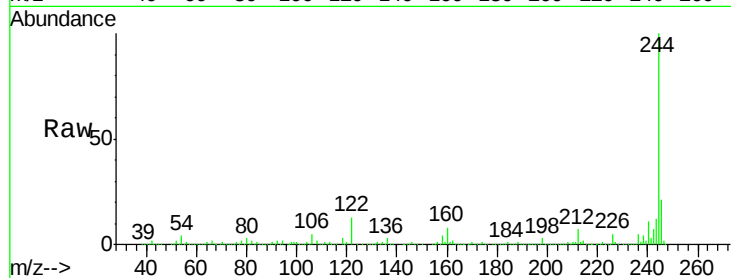
Tgt Ion:244 Resp: 3285970

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

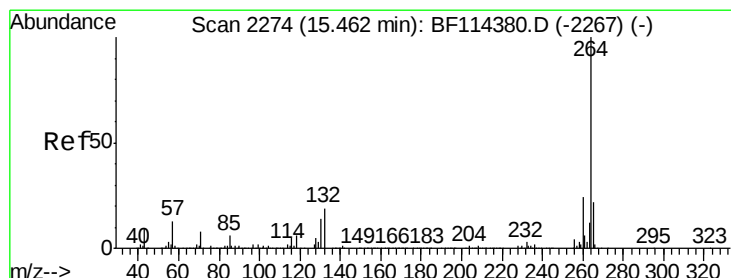
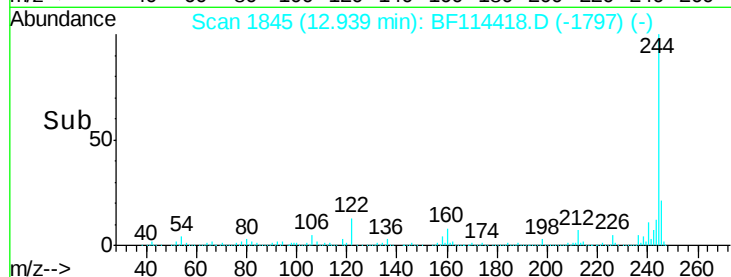
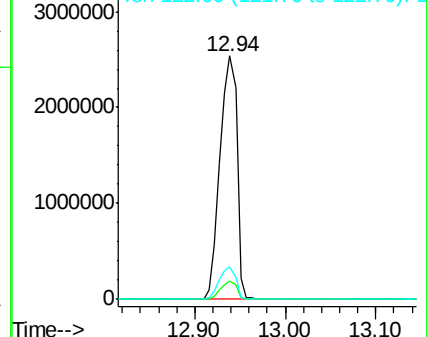
122 13.4 9.4 14.2



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114418.D

Acq: 19 May 2019 4:31

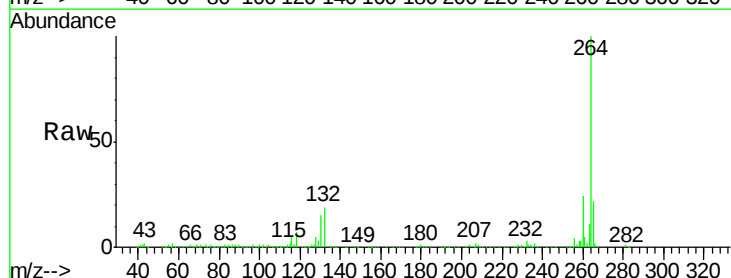
Tgt Ion:264 Resp: 469058

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.9 16.9 25.3



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

