

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114435.D
 Acq On : 20 May 2019 13:39
 Operator : JU/SJ
 Sample : K2905-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2

Quant Time: May 21 11:32:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

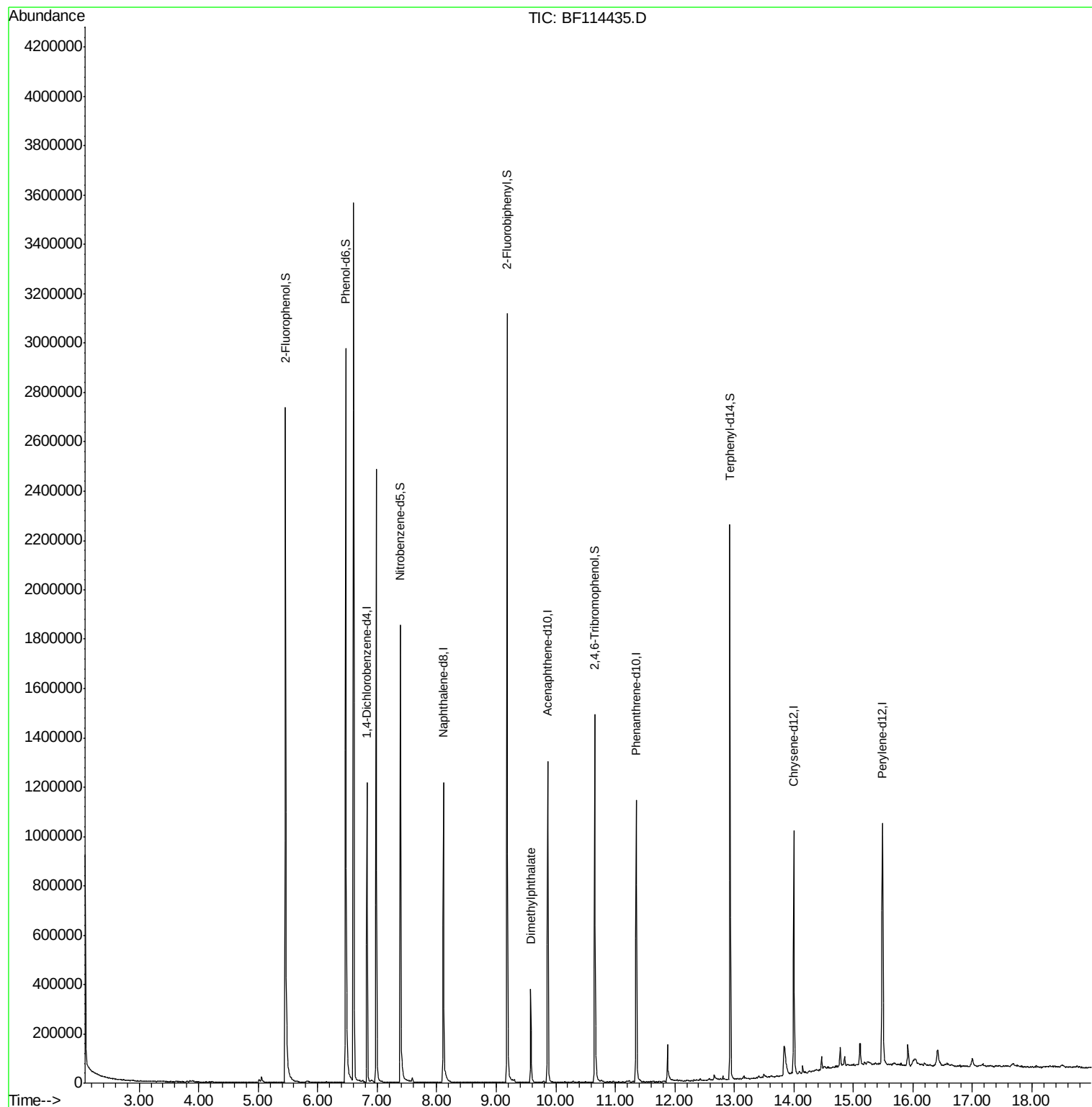
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	169546	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	624166	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	261188	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	458981	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354456	20.00	ng	0.00
87) Perylene-d12	15.49	264	462561	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	887835	84.27	ng	0.00
7) Phenol-d6	6.47	99	1148594	92.18	ng	-0.02
23) Nitrobenzene-d5	7.39	82	674131	60.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	206872	76.61	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1073518	62.17	ng	0.00
79) Terphenyl-d14	12.93	244	823052	47.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	173124	9.029	ng	Qvalue 100

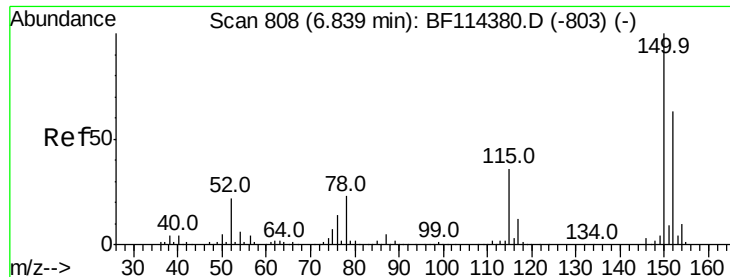
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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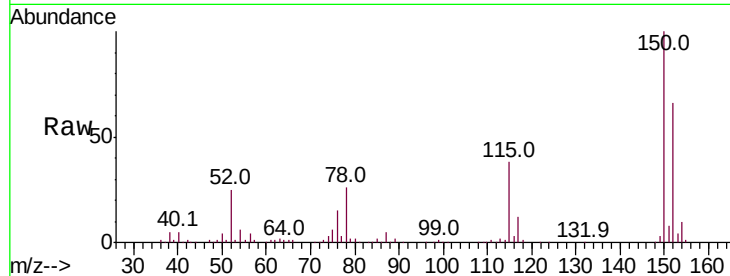


#1

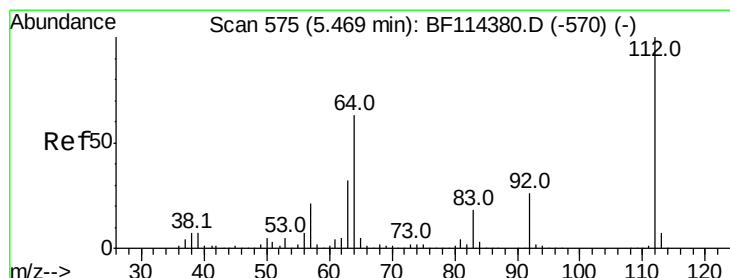
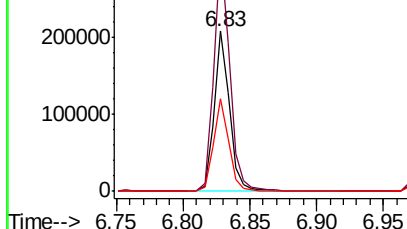
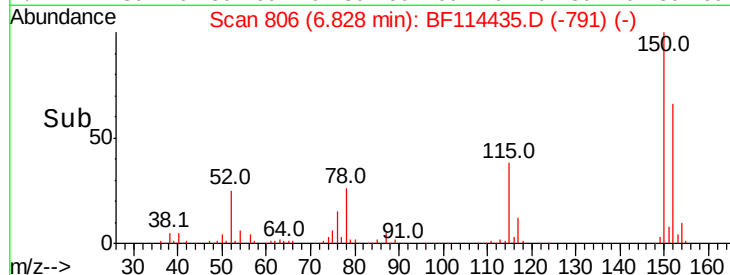
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
GIS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.3	186.5
115	58.0	49.1	73.7



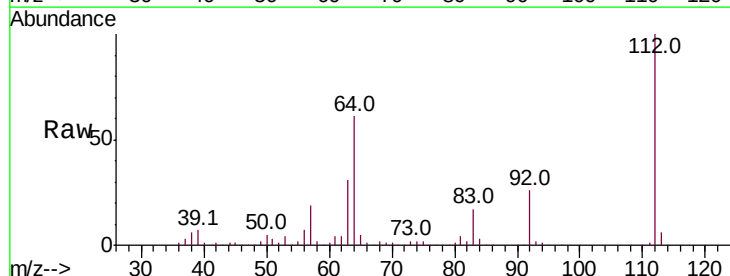
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



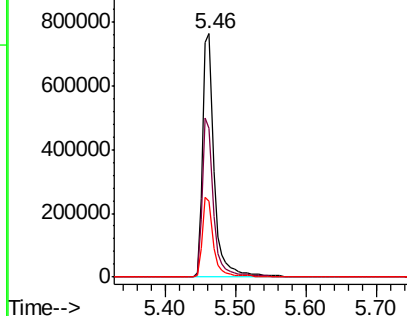
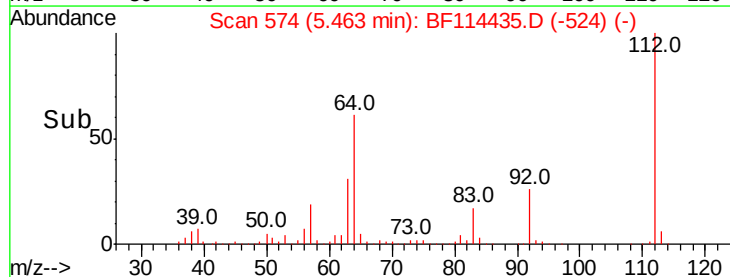
#5

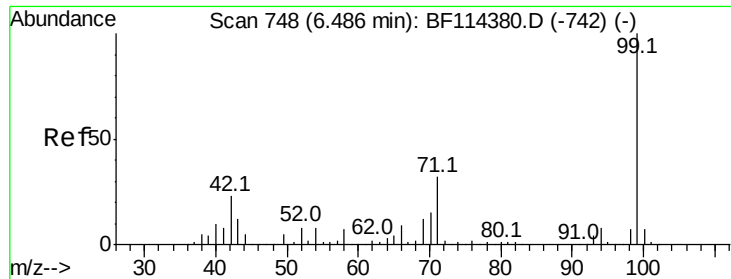
2-Fluorophenol
Concen: 84.270 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.0	73.6
63	31.2	24.6	37.0



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: 92.176 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampled :

GIS-2

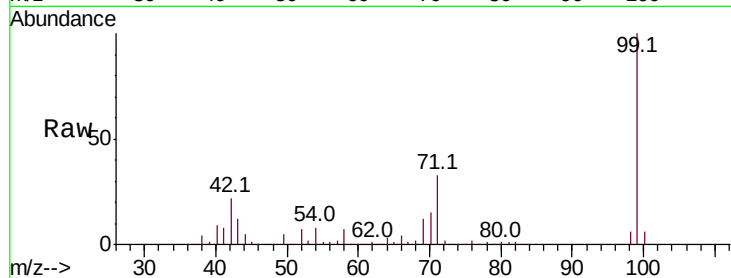
Tot Ion: 99 Resp: 1148594

Ion Ratio Lower Upper

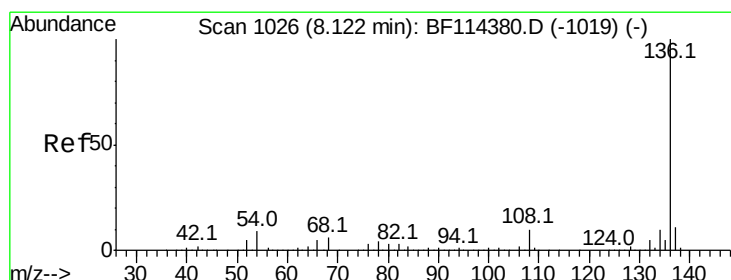
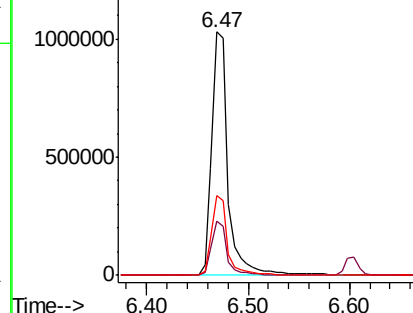
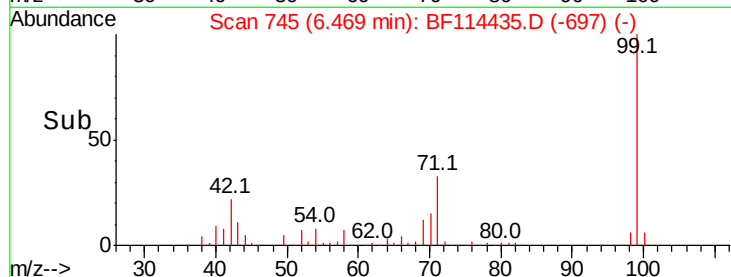
99 100

42 22.3 17.9 26.9

71 32.8 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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Tgt Ion: 136 Resp: 624166

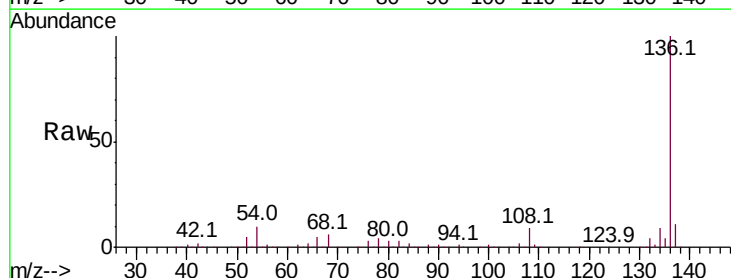
Ion Ratio Lower Upper

136 100

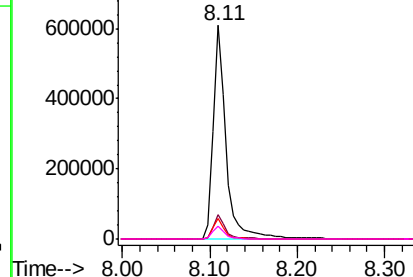
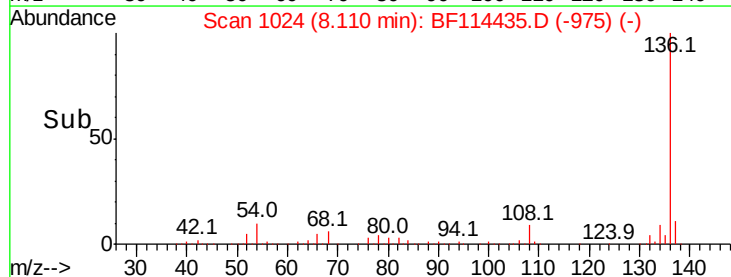
137 11.1 8.8 13.2

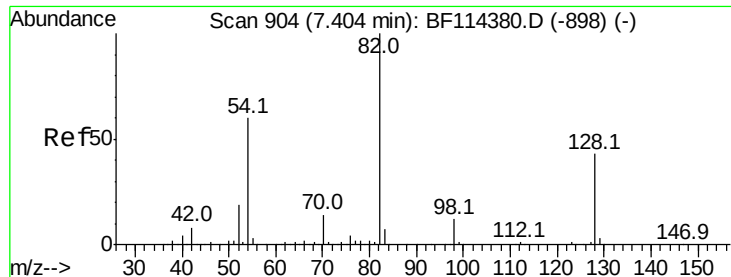
54 9.5 7.8 11.8

68 6.1 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

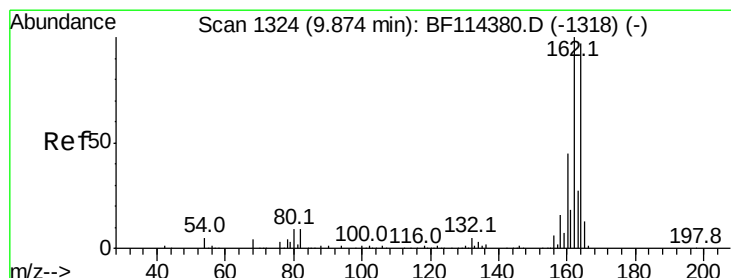
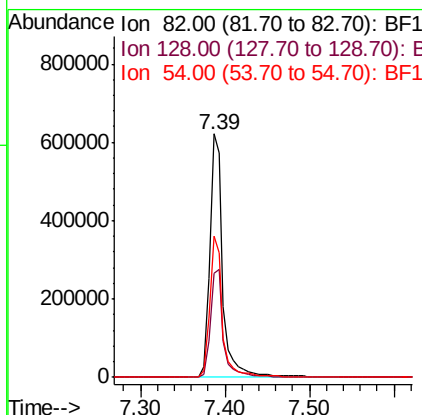
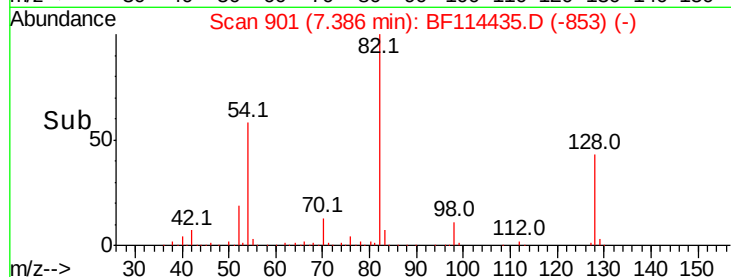
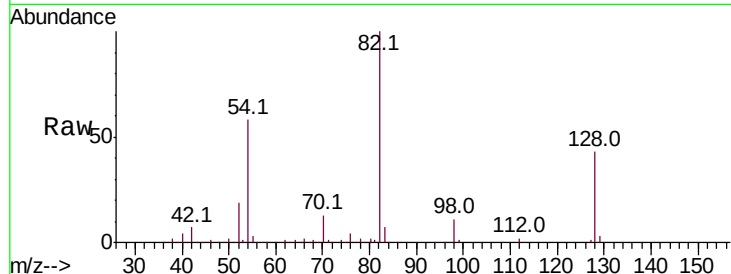




#23
 Nitrobenzene-d5
 Concen: 60.613 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

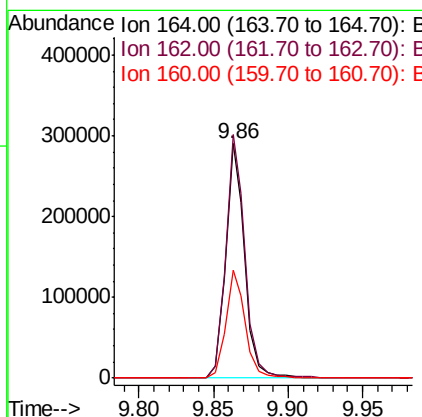
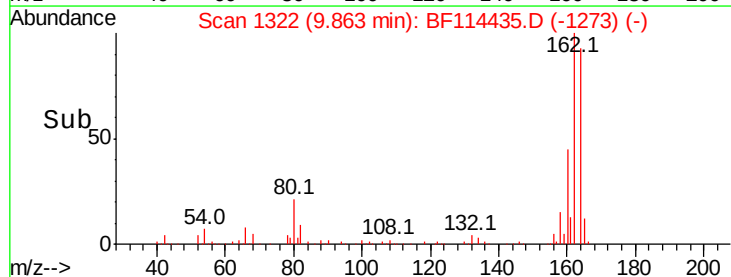
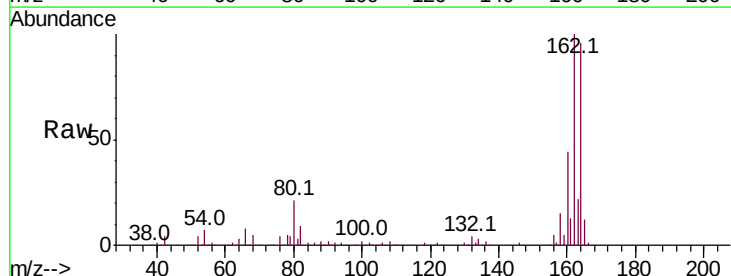
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2

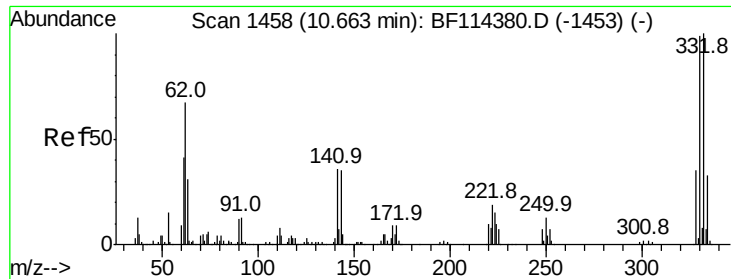
Tot Ion: 82 Resp: 674131
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.5 53.3
 54 58.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Tgt Ion: 164 Resp: 261188
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.6 120.8
 160 46.2 36.5 54.7

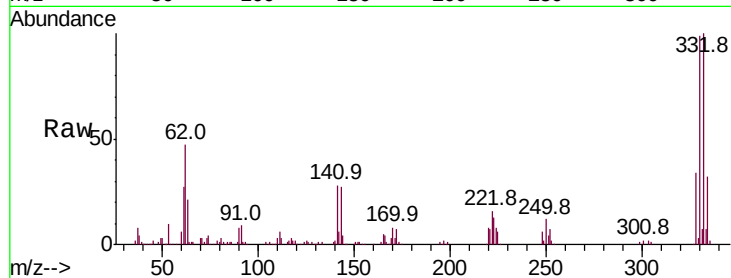




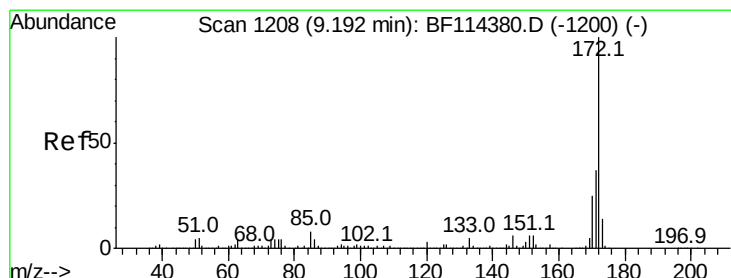
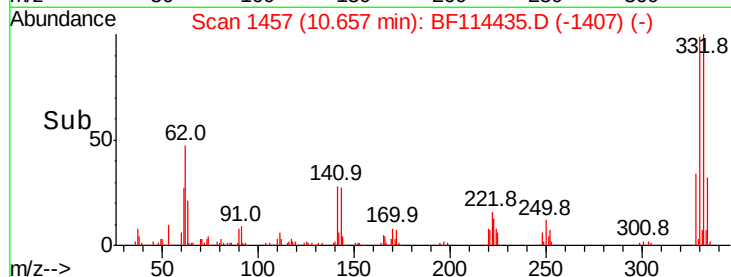
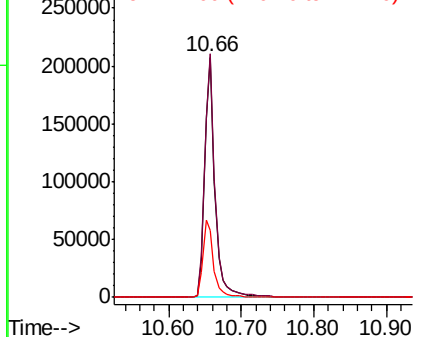
#42
 2,4,6-Tribromophenol
 Concen: 76.612 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 GIS-2

Tot Ion:330 Resp: 206872
 Ion Ratio Lower Upper
 330 100
 332 102.1 81.4 122.2
 141 33.1 26.6 40.0

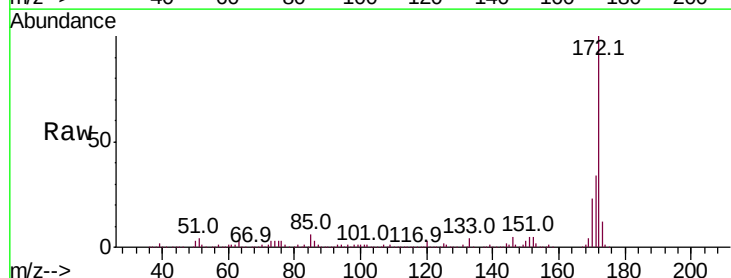


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

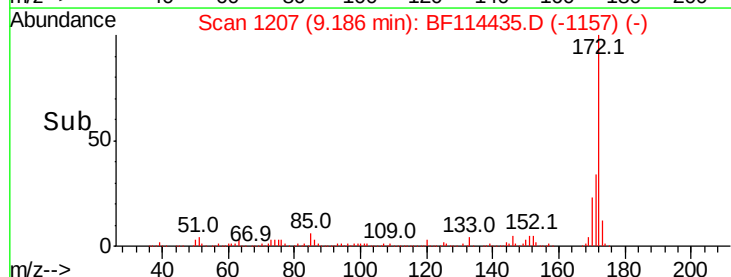
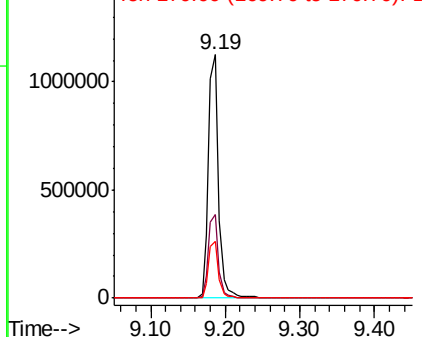


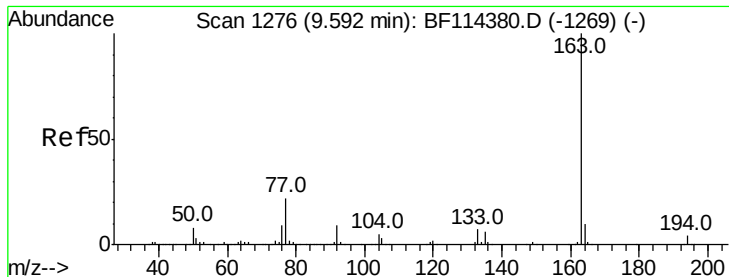
#45
 2-Fluorobiphenyl
 Concen: 62.173 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114435.D
 Acq: 20 May 2019 13:39

Tgt Ion:172 Resp: 1073518
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.7 46.1
 170 23.3 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





#50

Dimethylphthalate

Concen: 9.029 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

GIS-2

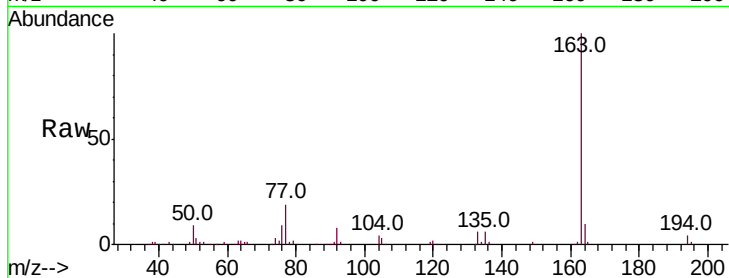
Tot Ion:163 Resp: 173124

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

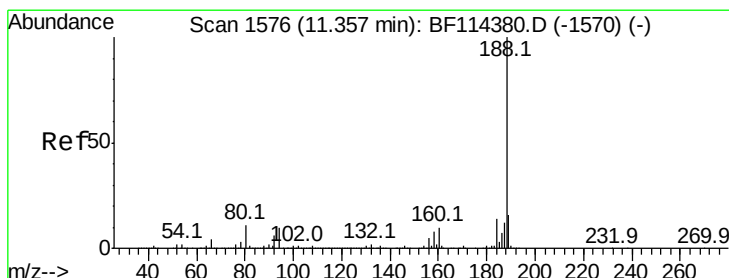
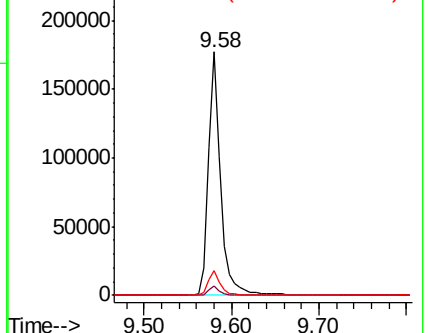
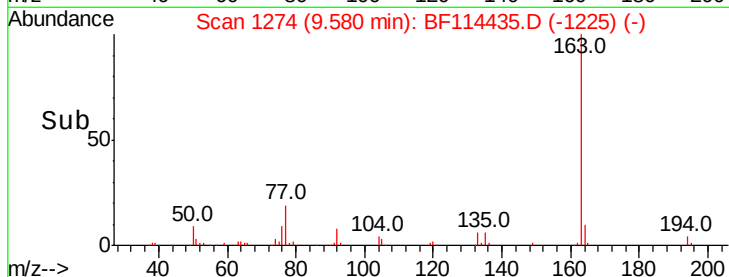
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

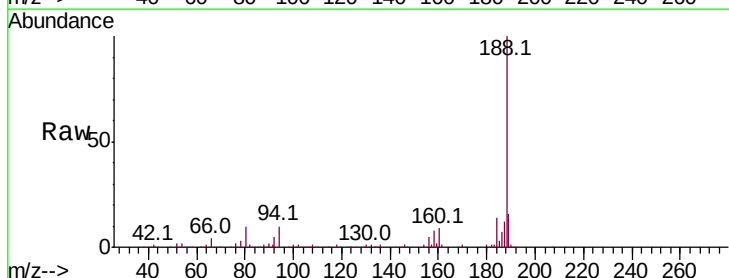
Tgt Ion:188 Resp: 458981

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

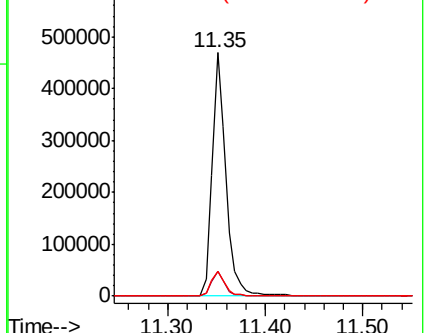
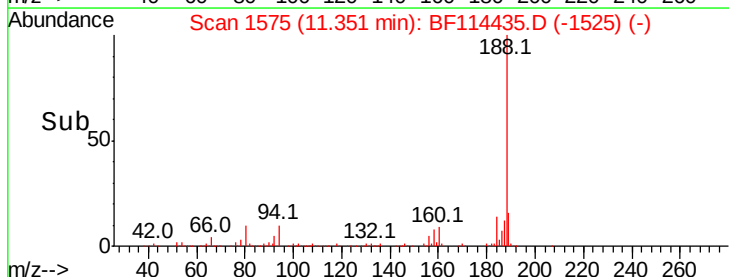
80 10.0 9.2 13.8

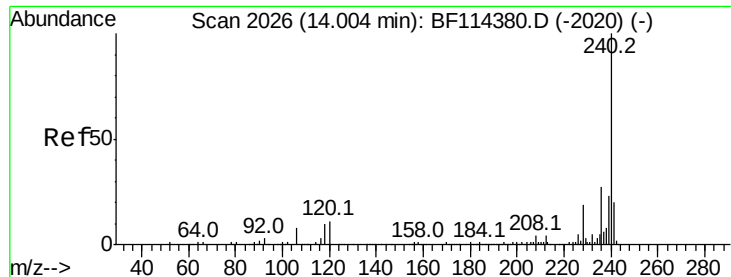


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

GIS-2

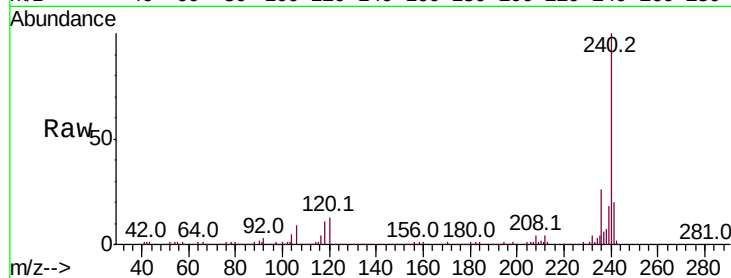
Tot Ion:240 Resp: 354456

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

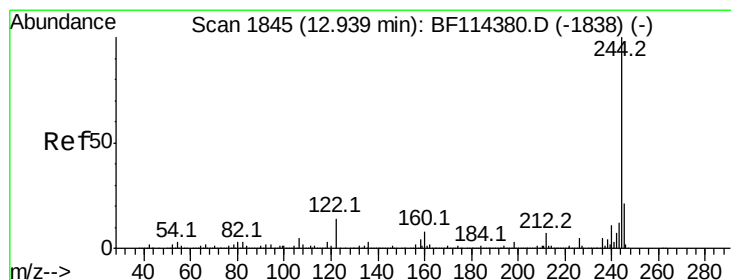
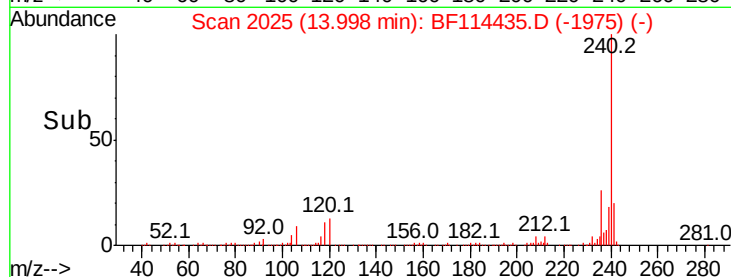
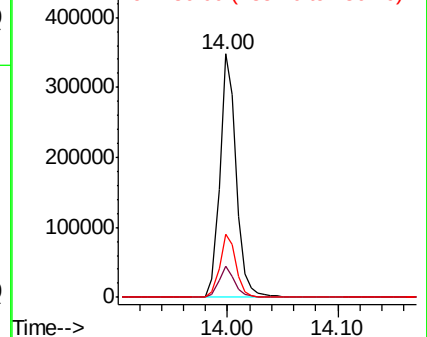
236 25.9 20.8 31.2



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: 47.867 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114435.D

Acq: 20 May 2019 13:39

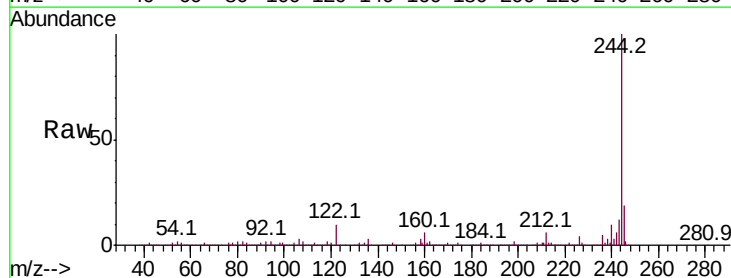
Tgt Ion:244 Resp: 823052

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.6

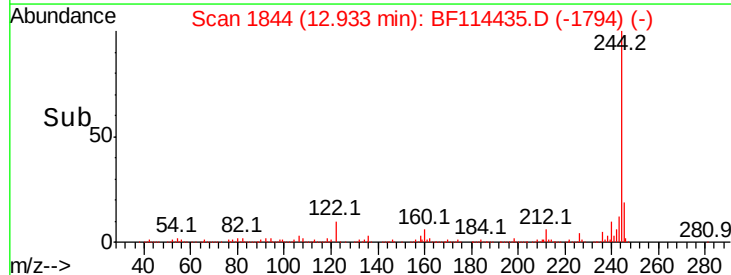
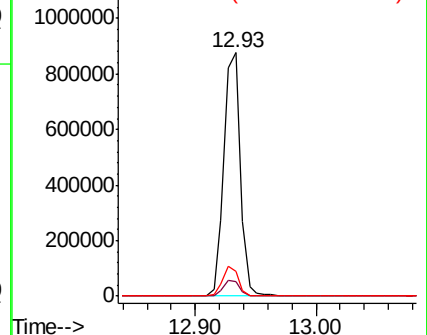
122 10.2 9.4 14.2

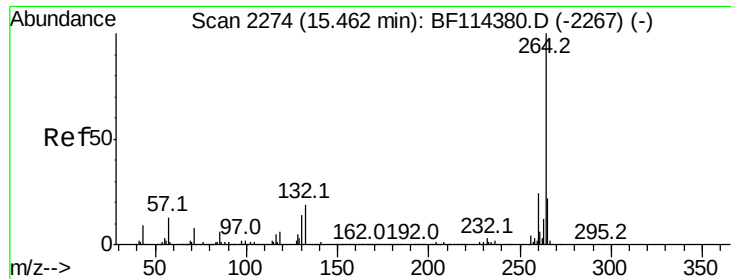


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

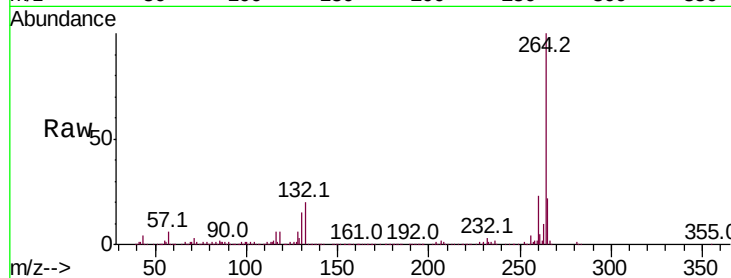




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF114435.D
Acq: 20 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
GIS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.7	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

