

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112389.D
 Acq On : 4 Feb 2019 19:22
 Operator : JU/SJ
 Sample : K1321-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Quant Time: Feb 05 01:35:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

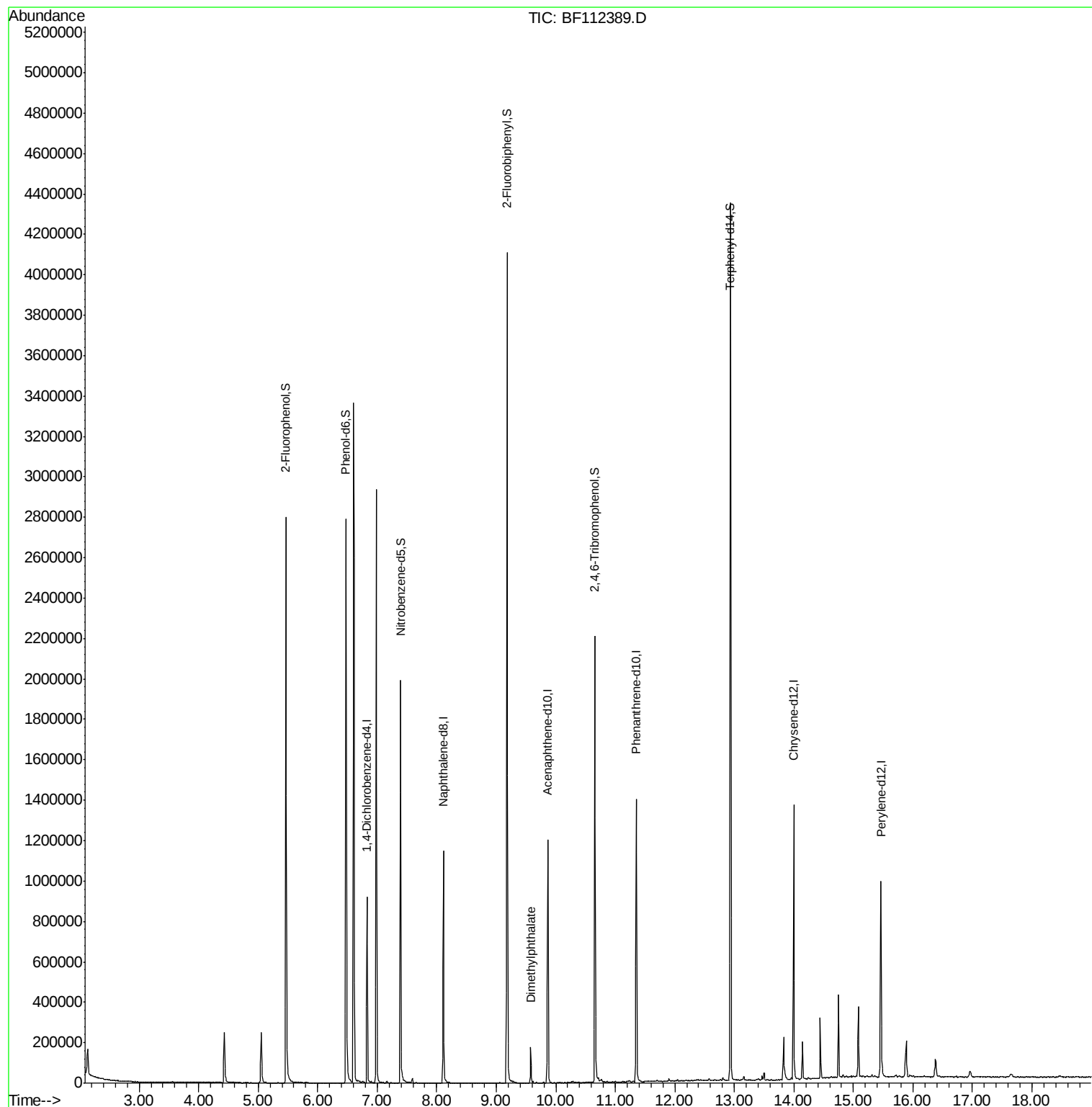
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142163	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	544365	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	267229	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	545526	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	480244	20.00	ng	-0.01
87) Perylene-d12	15.46	264	366011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	778132	116.26	ng	-0.01
7) Phenol-d6	6.47	99	1036198	111.42	ng	-0.02
23) Nitrobenzene-d5	7.39	82	647032	68.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	279176	89.75	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1376733	72.87	ng	-0.02
79) Terphenyl-d14	12.94	244	1605828	62.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	82440	3.971	ng	Qvalue 99

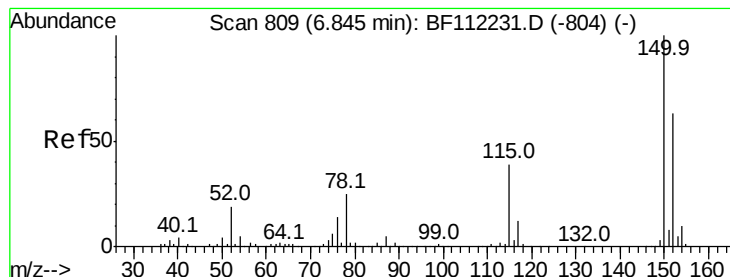
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

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CON-1

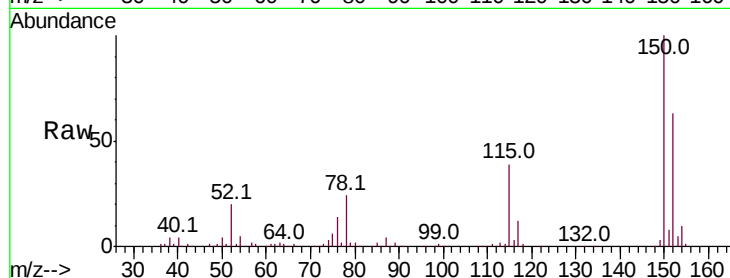
Tot Ion:152 Resp: 142163

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.0

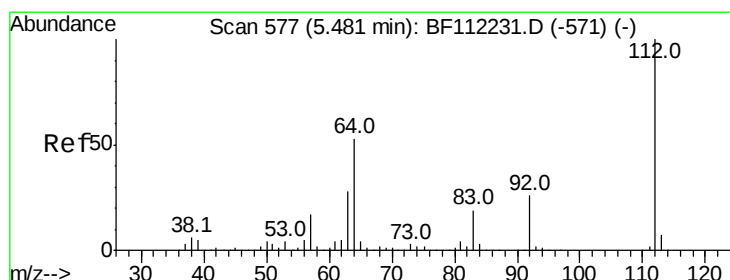
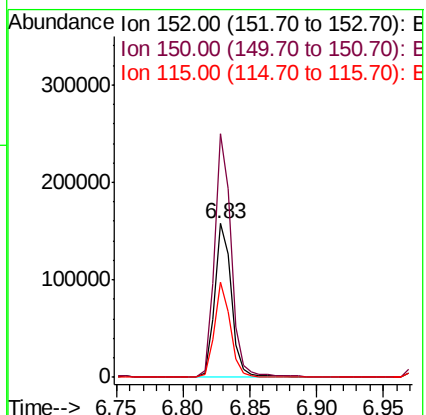
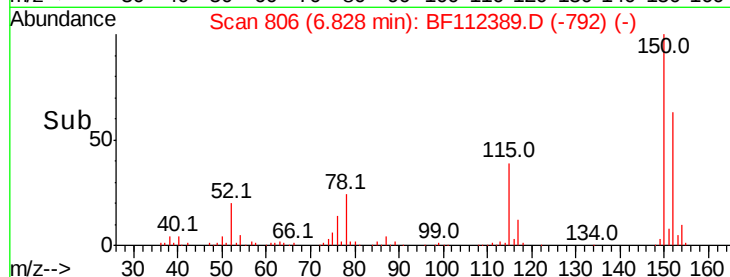
115 61.7 45.5 68.3



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: 116.261 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

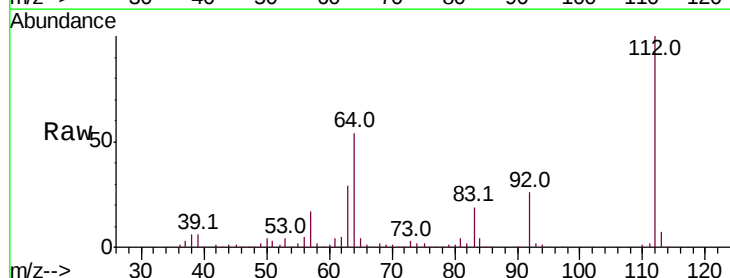
Tgt Ion:112 Resp: 778132

Ion Ratio Lower Upper

112 100

64 54.3 45.7 68.5

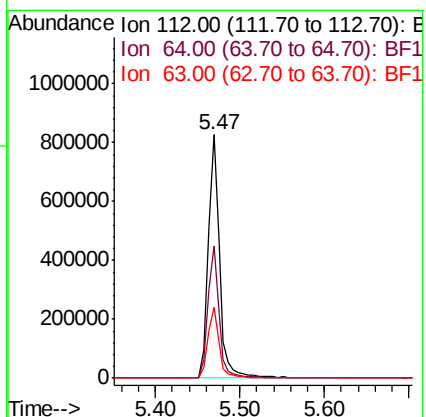
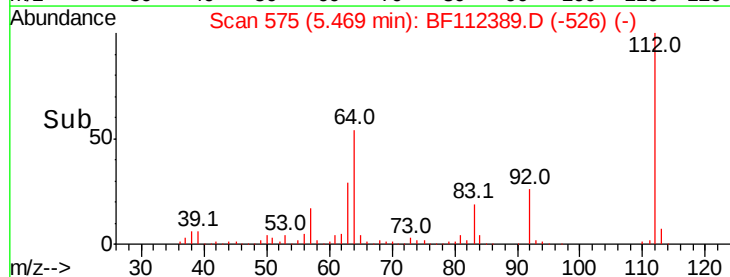
63 29.2 23.6 35.4

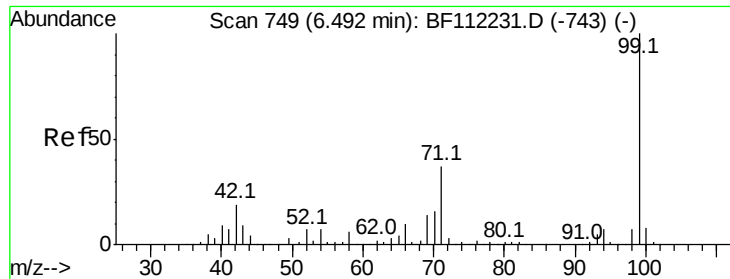


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.417 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

CON-1

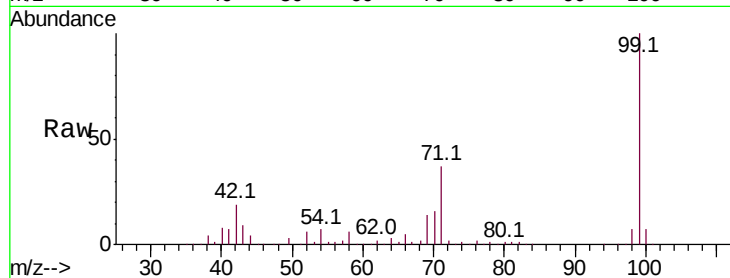
Tot Ion: 99 Resp: 1036198

Ion Ratio Lower Upper

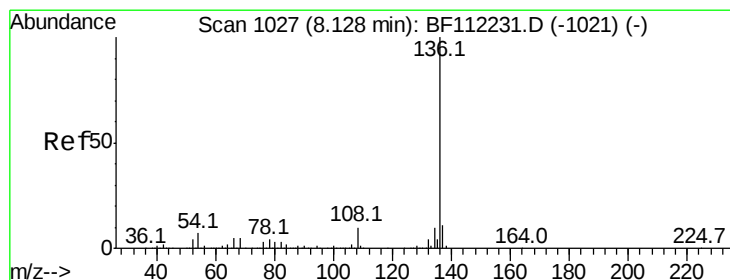
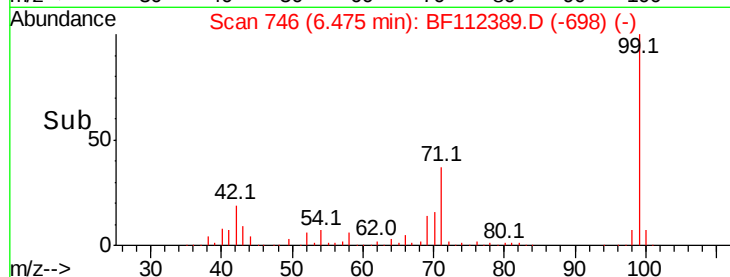
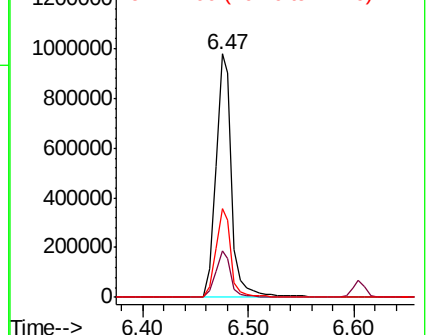
99 100

42 19.1 15.1 22.7

71 36.6 26.9 40.3



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. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Tgt Ion: 136 Resp: 544365

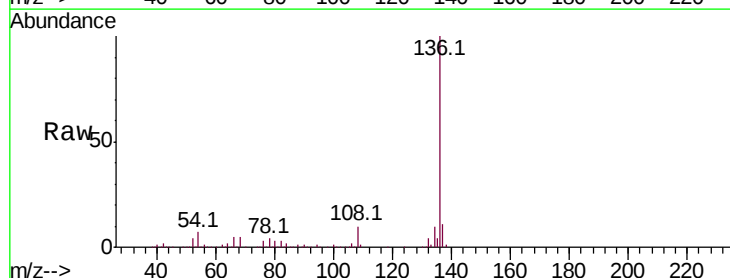
Ion Ratio Lower Upper

136 100

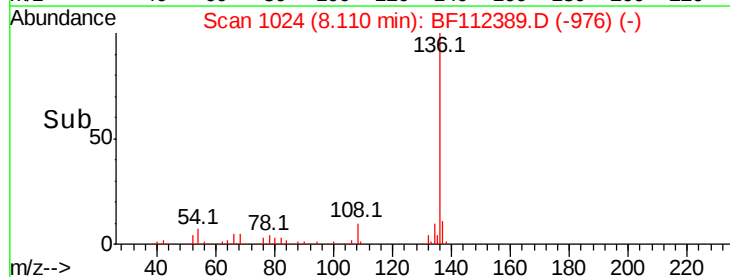
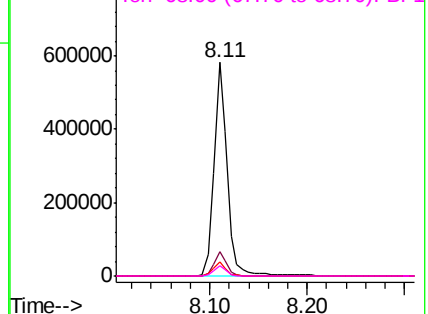
137 11.3 9.1 13.7

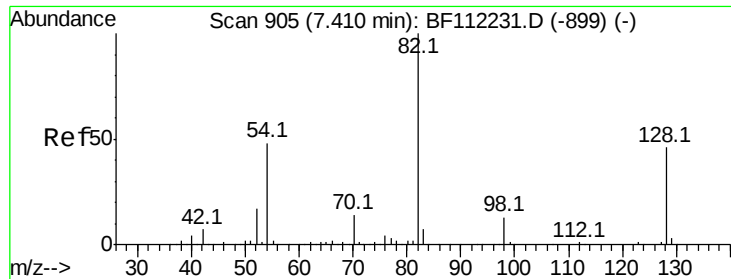
54 6.7 5.9 8.9

68 5.1 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

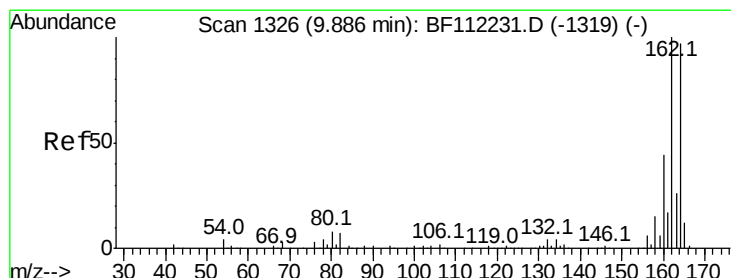
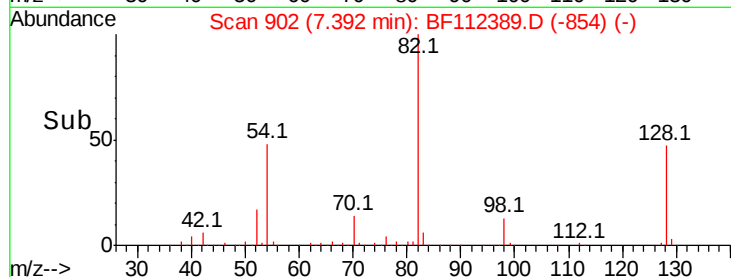
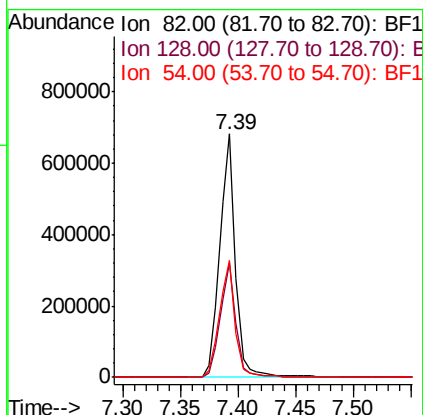
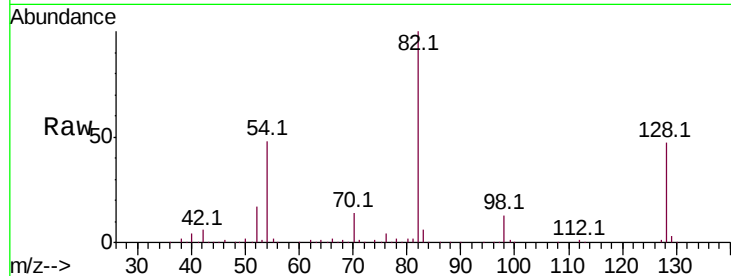




#23
 Nitrobenzene-d5
 Concen: 68.487 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

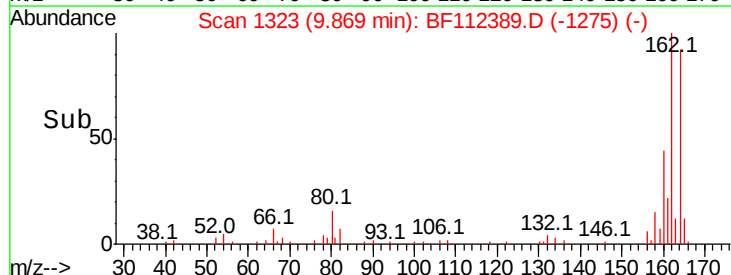
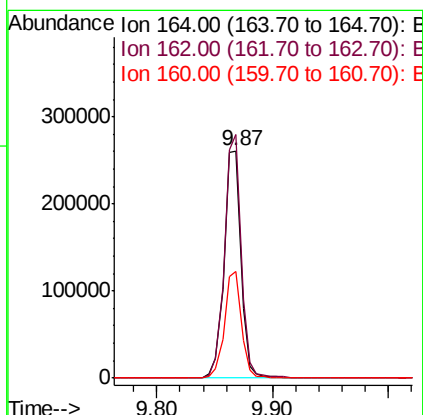
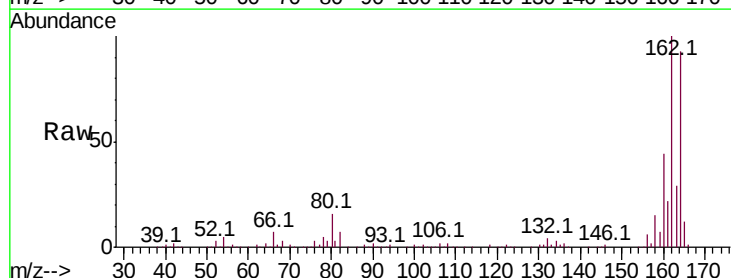
Instrument :
 BNA_F
 ClientSampleID :
 CON-1

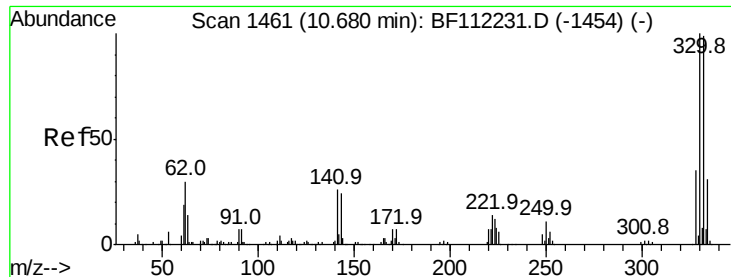
Tot Ion: 82 Resp: 647032
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 48.1 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Tgt Ion: 164 Resp: 267229
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.2 123.4
 160 47.0 36.2 54.4

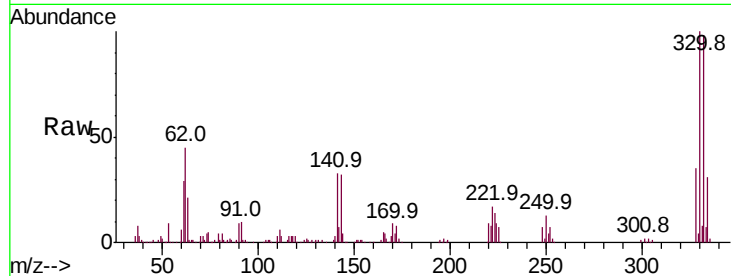




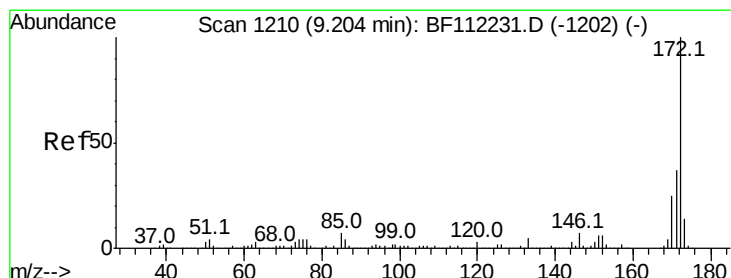
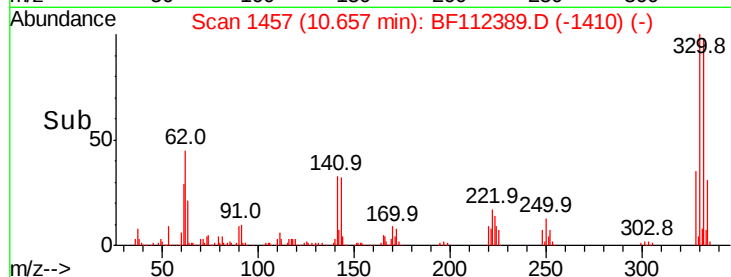
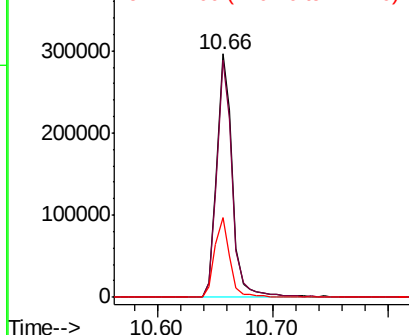
#42
 2,4,6-Tribromophenol
 Concen: 89.754 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.3	24.3	36.5

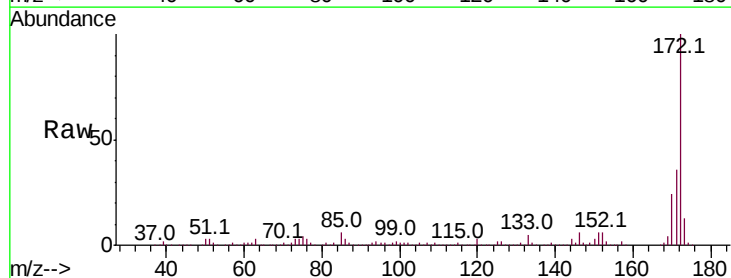


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

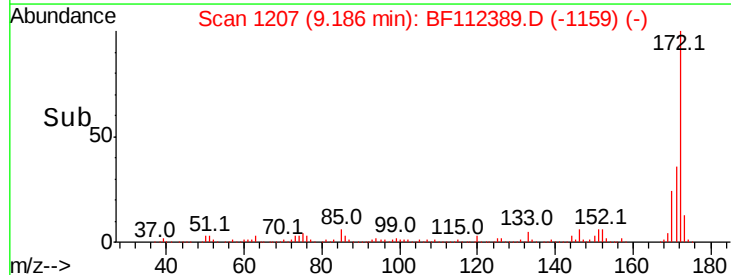
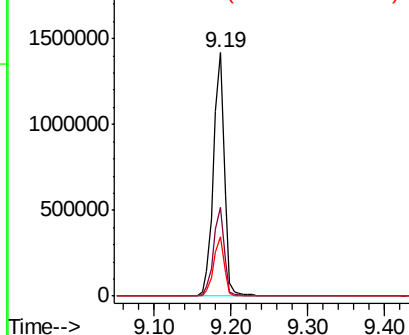


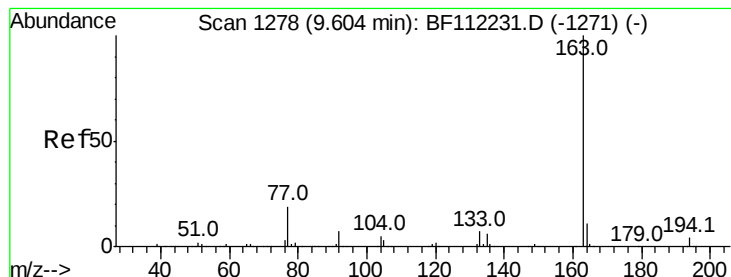
#45
 2-Fluorobiphenyl
 Concen: 72.865 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.4	20.2	30.4



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: 3.971 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

Instrument :

BNA_F

ClientSampled :

CON-1

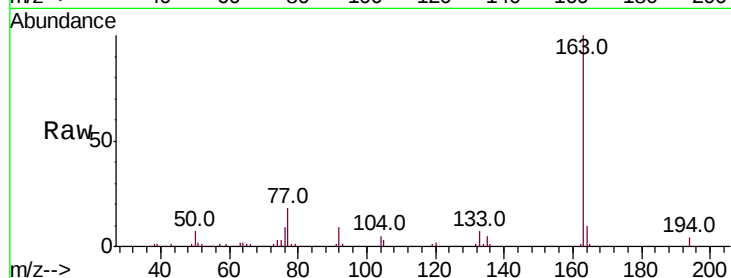
Tot Ion:163 Resp: 82440

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

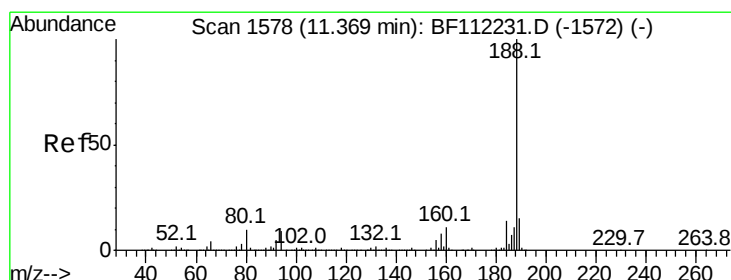
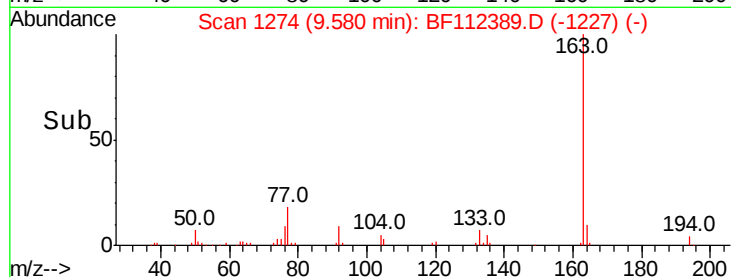
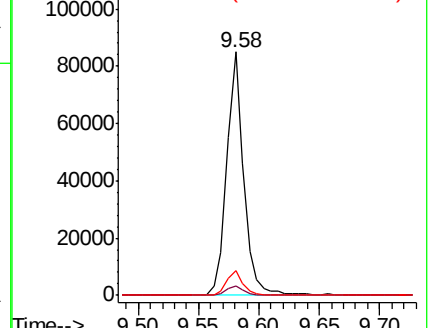
164 10.0 8.5 12.7



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. -0.02 min

Lab File: BF112389.D

Acq: 4 Feb 2019 19:22

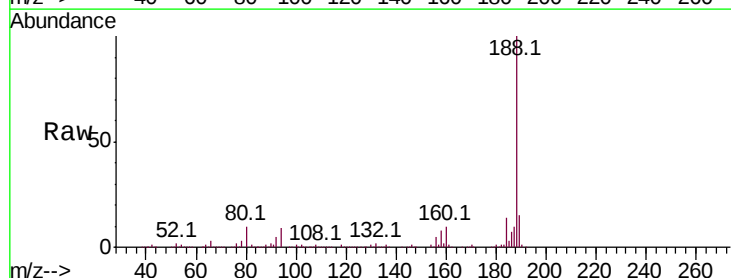
Tgt Ion:188 Resp: 545526

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

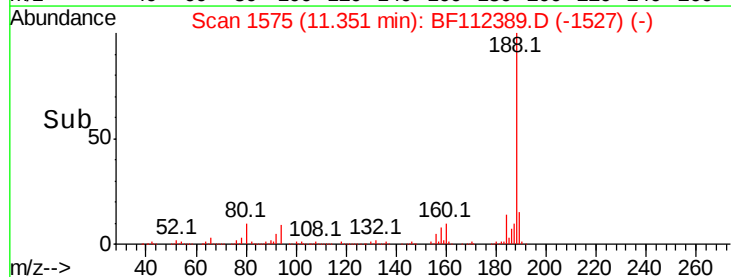
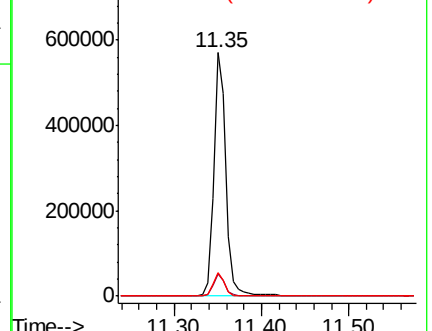
80 9.9 8.9 13.3

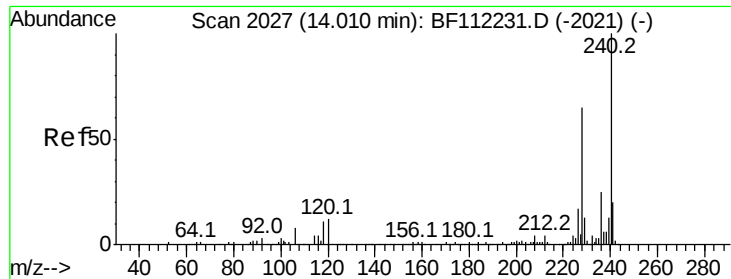


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

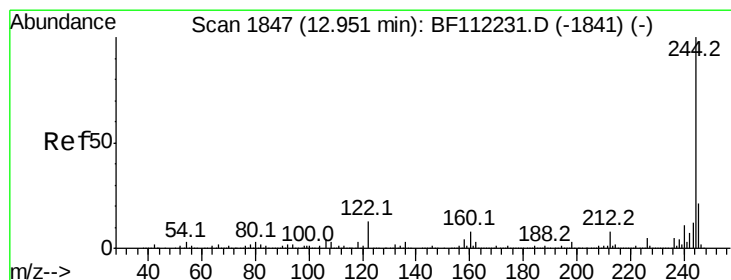
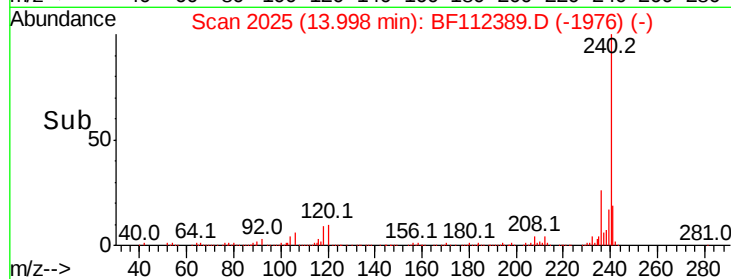
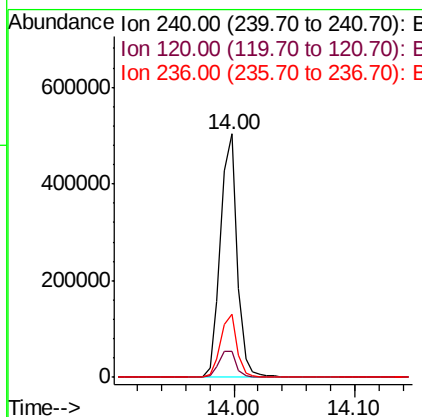
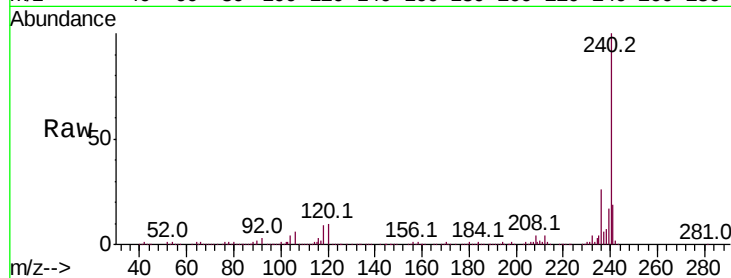




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

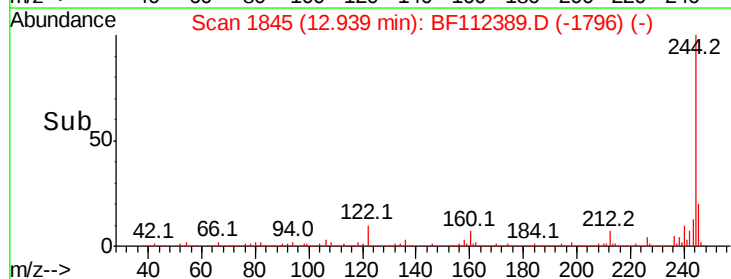
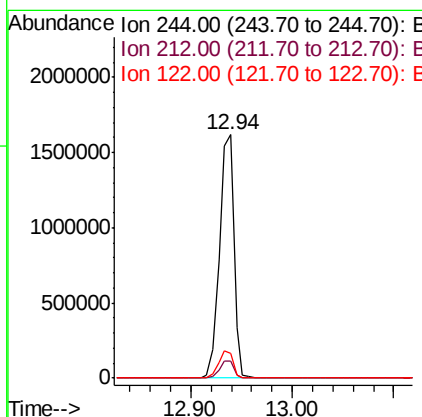
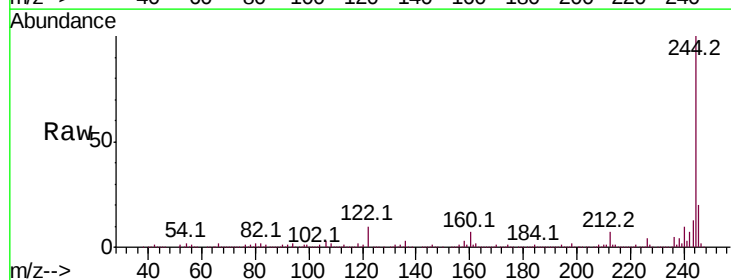
Instrument :
 BNA_F
 ClientSampleId :
 CON-1

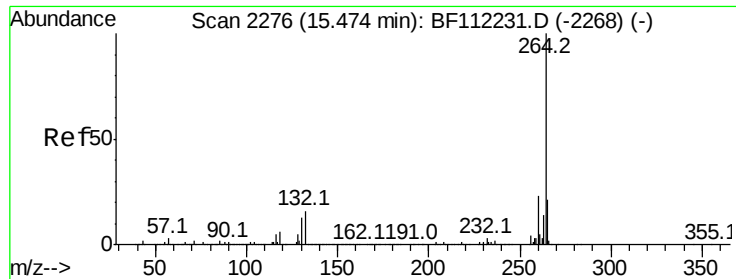
Tot Ion:240 Resp: 480244
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.6
 236 25.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 62.978 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Tgt Ion:244 Resp: 1605828
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 9.8 14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112389.D
 Acq: 4 Feb 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 CON-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.2	17.0	25.4

