

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112301.D
 Acq On : 29 Jan 2019 18:01
 Operator : JU/SJ
 Sample : K1266-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Quant Time: Jan 30 00:53:46 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

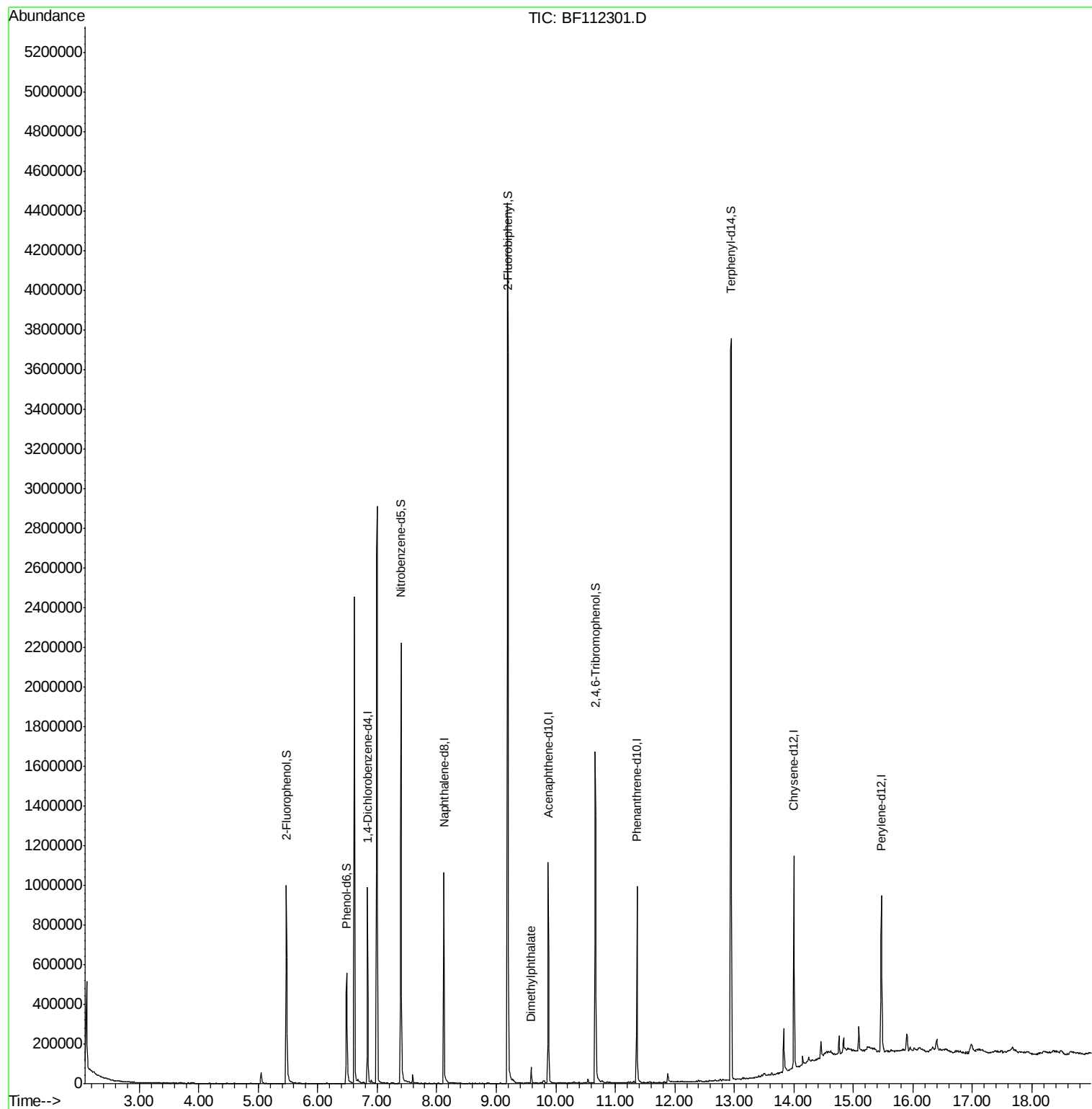
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148887	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	522832	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	227398	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	401471	20.00	ng	0.00
76) Chrysene-d12	14.00	240	381497	20.00	ng	0.00
87) Perylene-d12	15.47	264	344863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	309520	44.16	ng	0.00
7) Phenol-d6	6.49	99	218716	22.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	826520	91.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	227022	85.77	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1514049	94.17	ng	-0.01
79) Terphenyl-d14	12.94	244	1341580	66.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	36847	2.086	ng	Qvalue 98

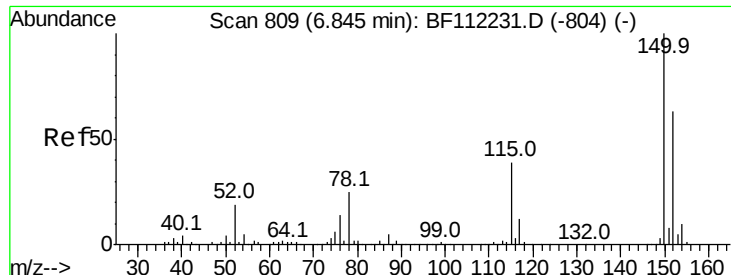
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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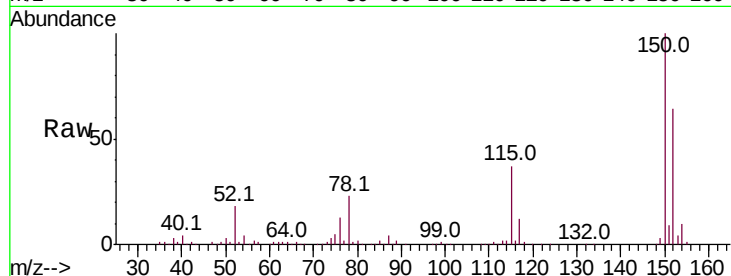


#1

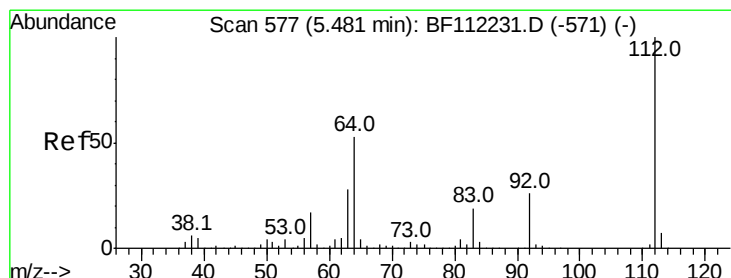
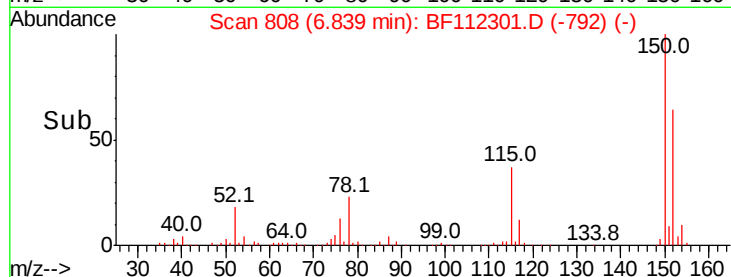
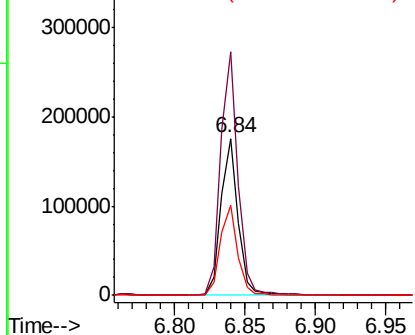
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	57.5	45.5	68.3



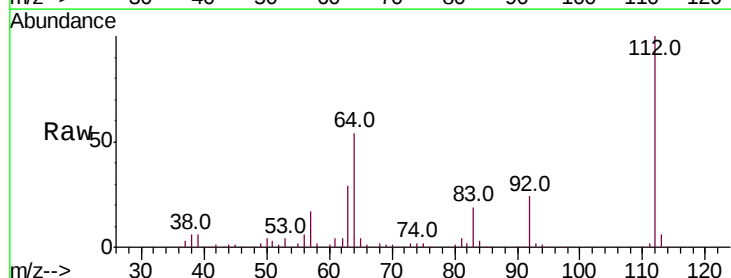
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



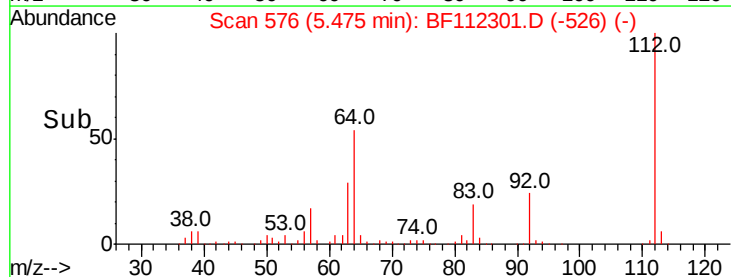
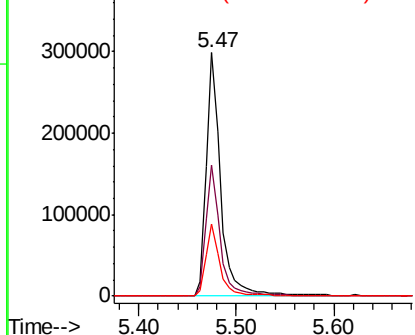
#5

2-Fluorophenol
Concen: 44.157 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.7	68.5
63	29.4	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: 22.455 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

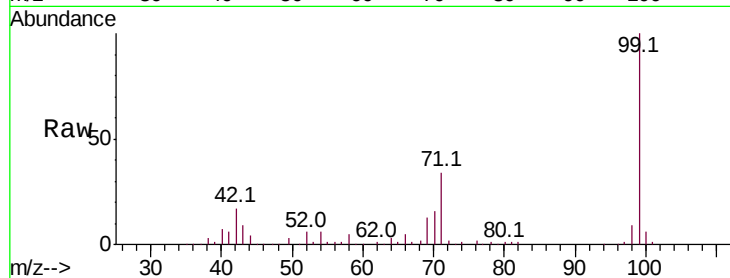
Tot Ion: 99 Resp: 218716

Ion Ratio Lower Upper

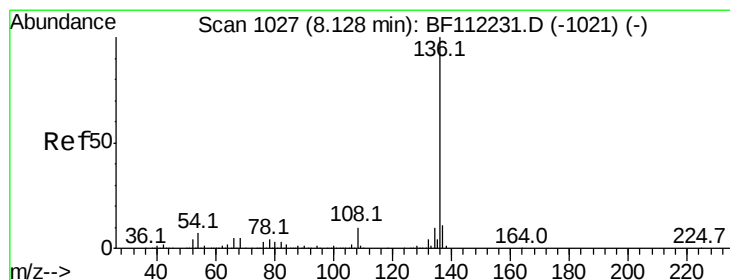
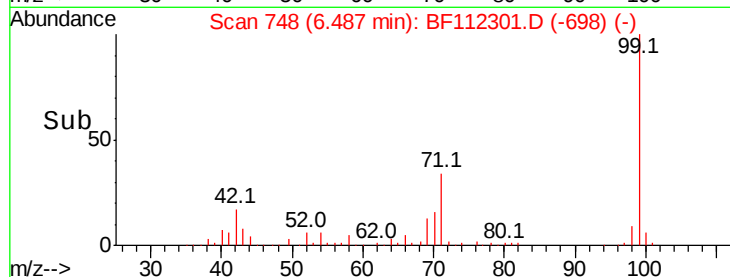
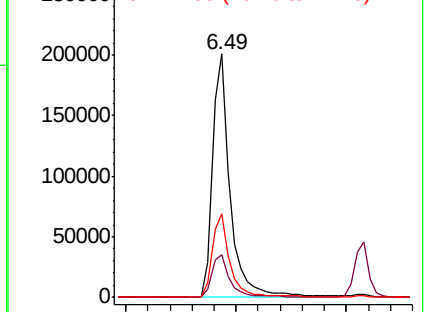
99 100

42 17.4 15.1 22.7

71 34.3 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Tgt Ion: 136 Resp: 522832

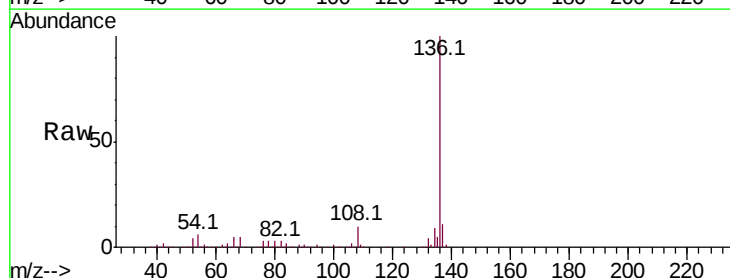
Ion Ratio Lower Upper

136 100

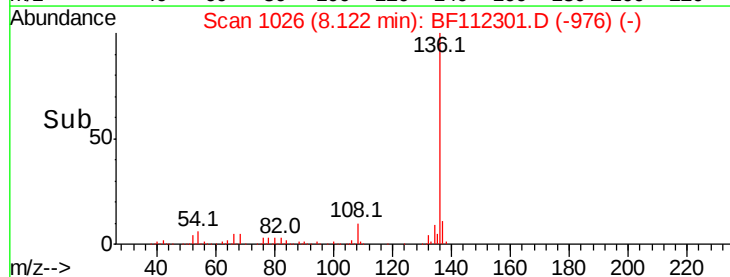
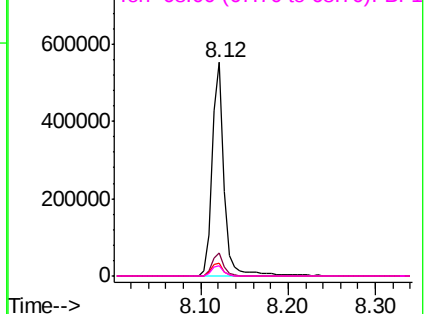
137 11.0 9.1 13.7

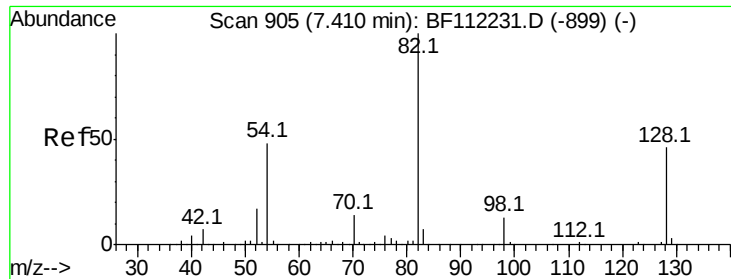
54 6.2 5.9 8.9

68 4.6 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

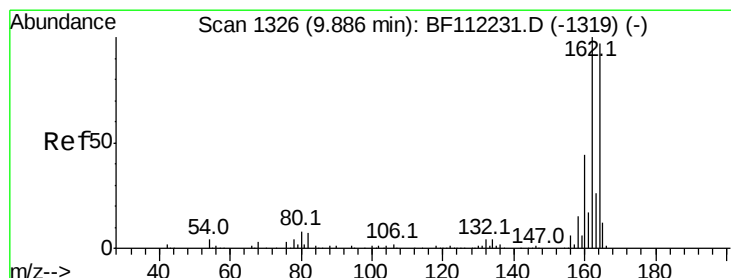
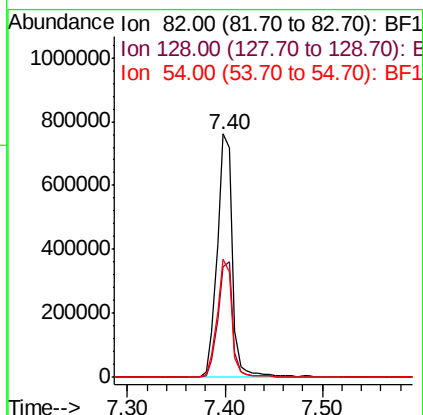
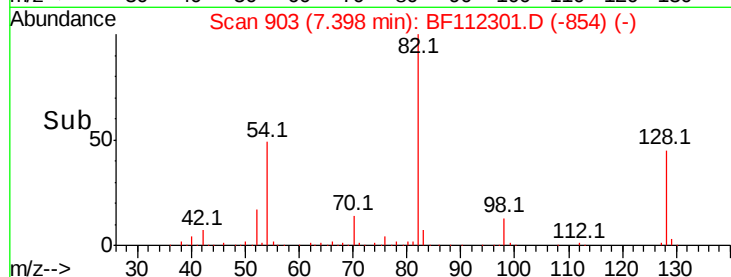
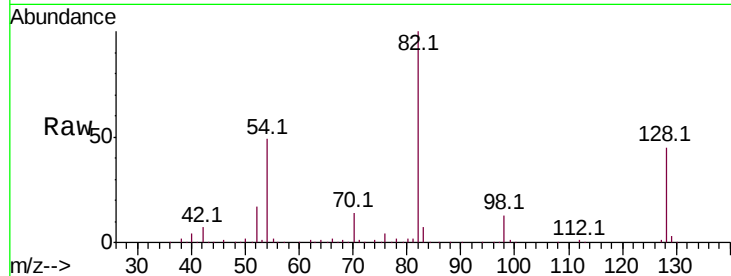




#23
 Nitrobenzene-d5
 Concen: 91.088 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

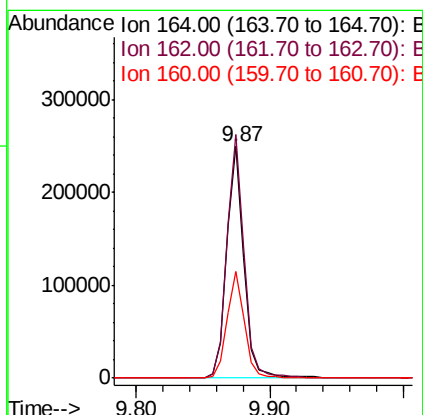
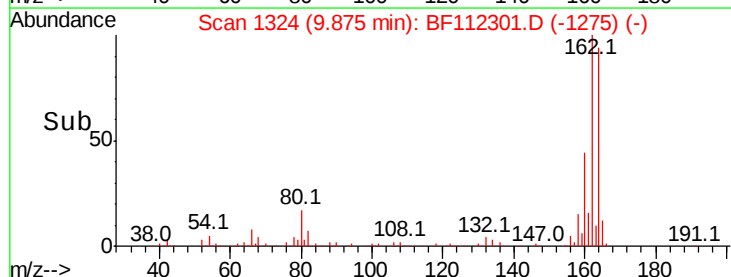
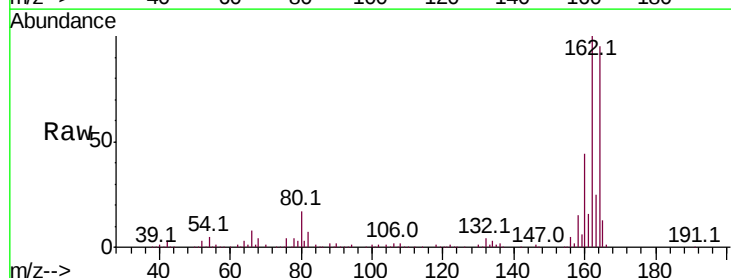
Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

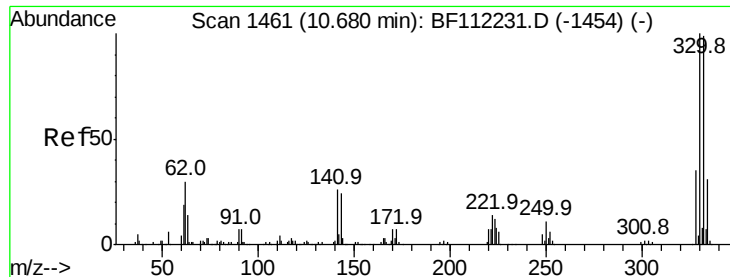
Tot Ion: 82 Resp: 826520
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.8 56.8
 54 48.7 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

Tgt Ion: 164 Resp: 227398
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.4
 160 46.2 36.2 54.4

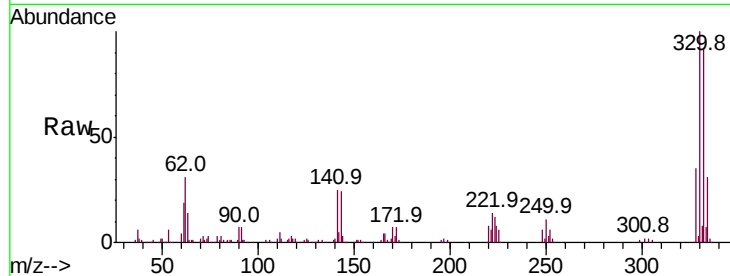




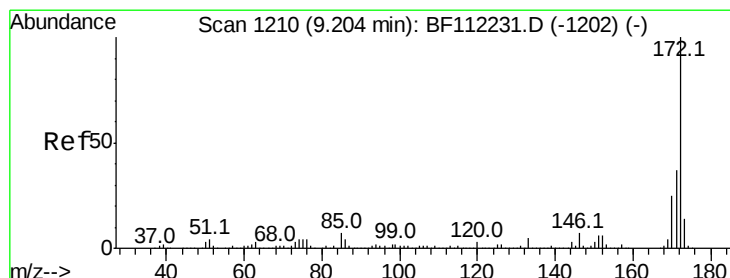
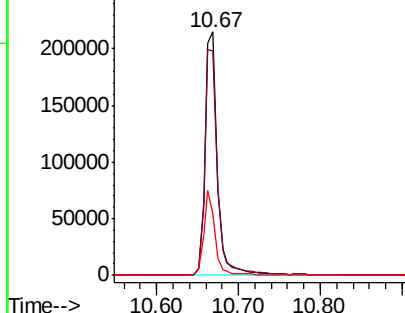
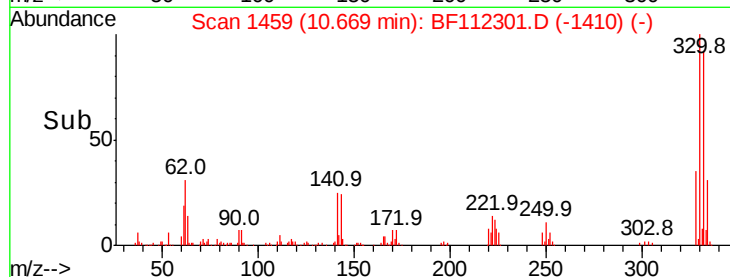
#42
 2,4,6-Tribromophenol
 Concen: 85.771 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	32.1	24.3	36.5

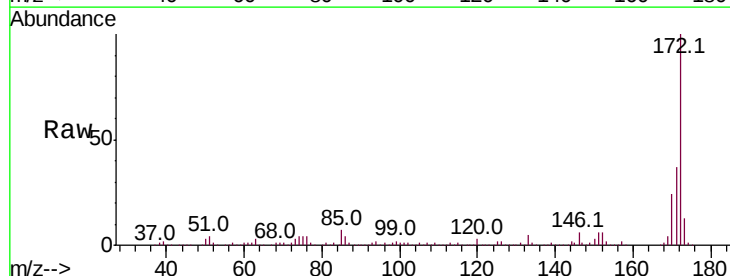


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

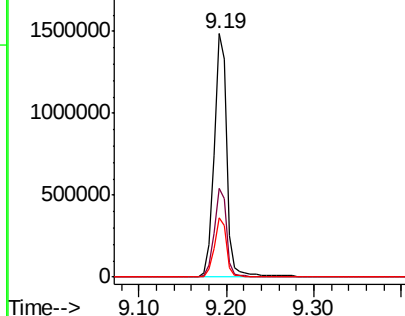
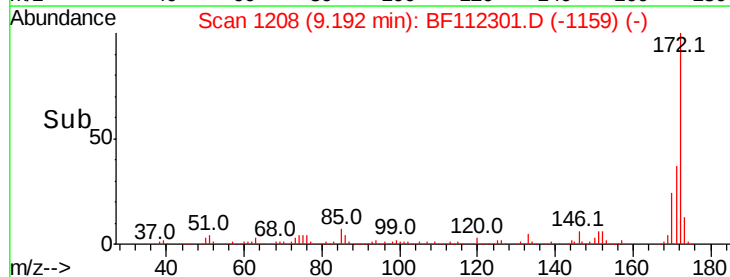


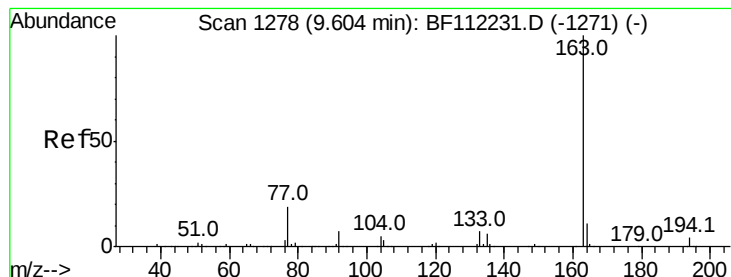
#45
 2-Fluorobiphenyl
 Concen: 94.169 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.1	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: 2.086 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

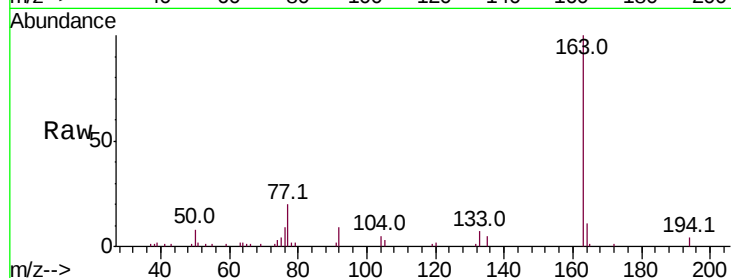
Tot Ion:163 Resp: 36847

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

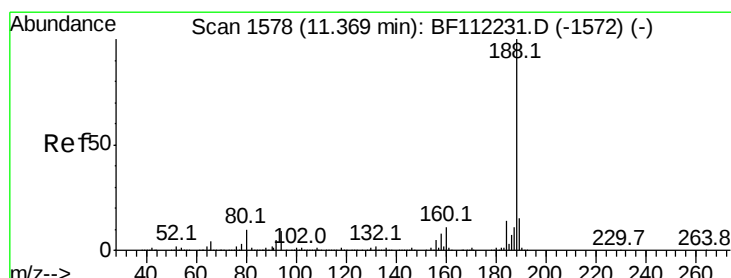
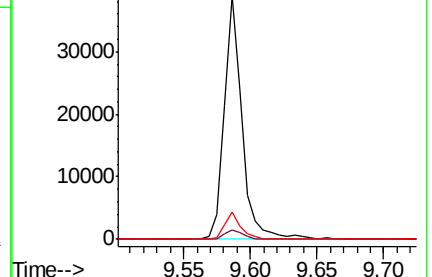
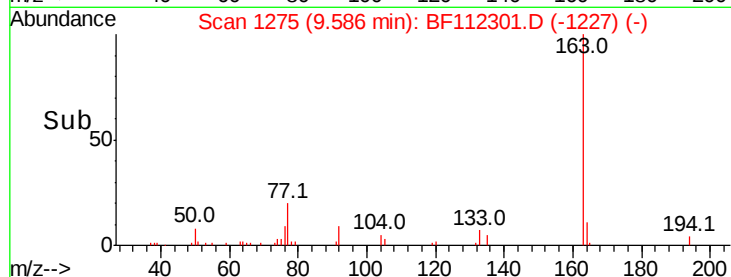
164 11.4 8.5 12.7



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

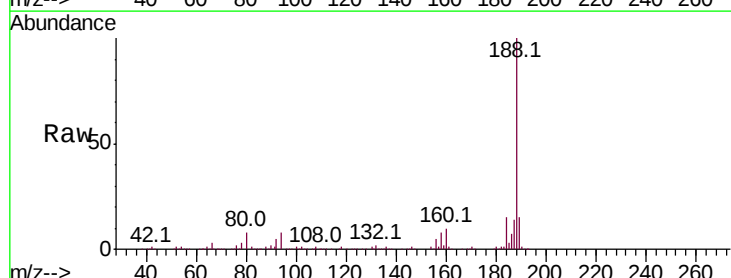
Tgt Ion:188 Resp: 401471

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

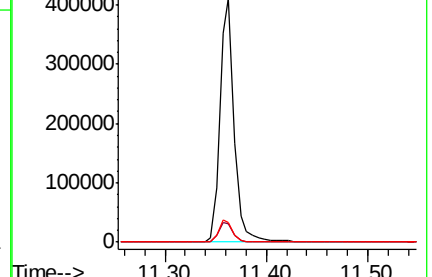
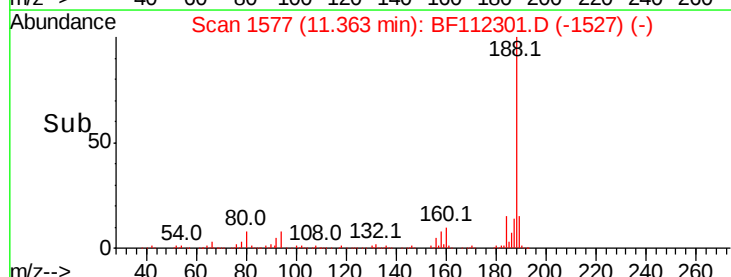
80 8.3 8.9 13.3#

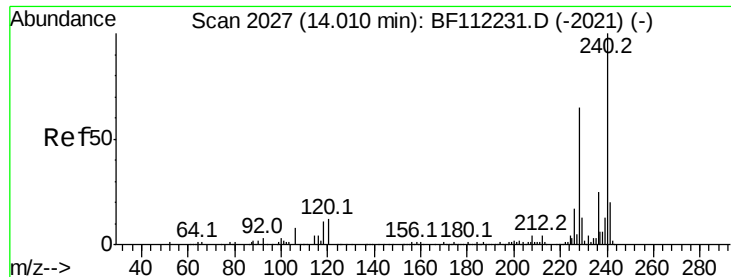


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2026

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

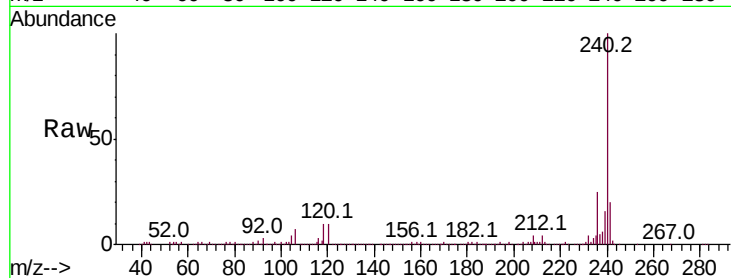
Tot Ion:240 Resp: 381497

Ion Ratio Lower Upper

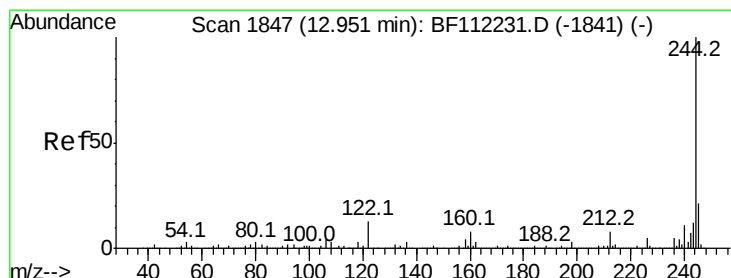
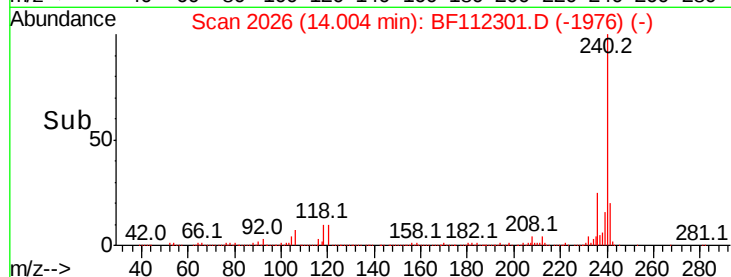
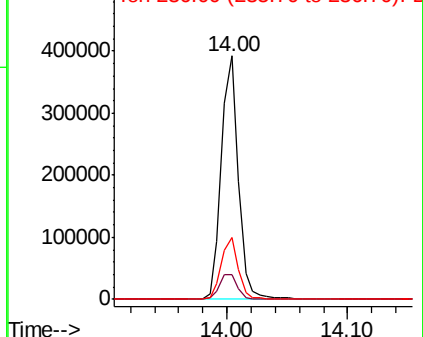
240 100

120 10.3 9.0 13.6

236 25.2 20.7 31.1



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: 66.234 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

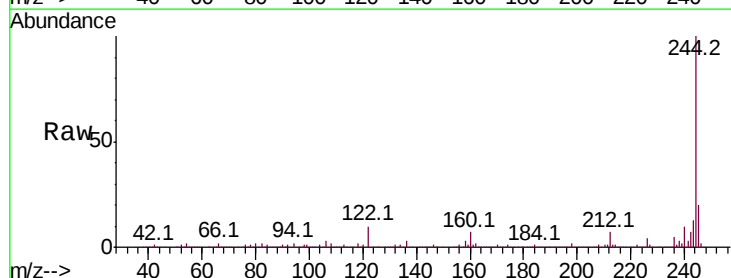
Tgt Ion:244 Resp: 1341580

Ion Ratio Lower Upper

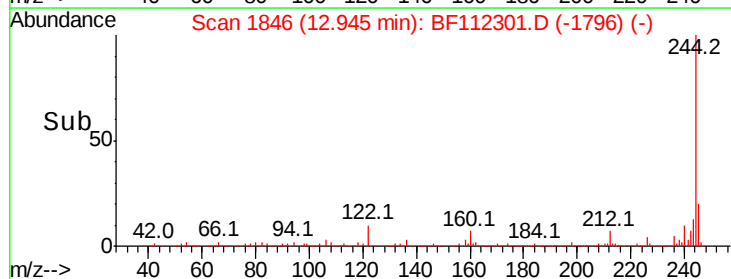
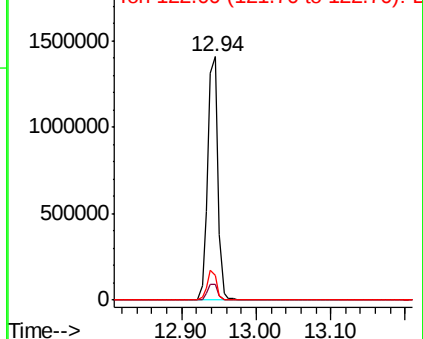
244 100

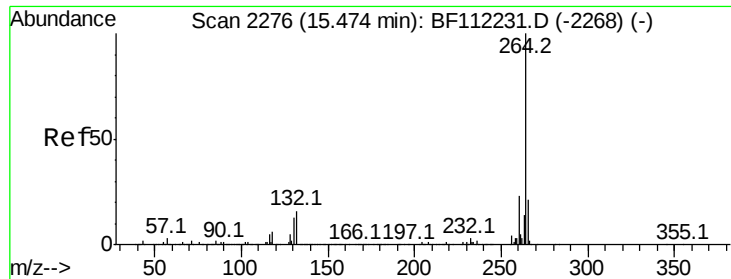
212 6.5 5.9 8.9

122 9.9 9.8 14.6



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

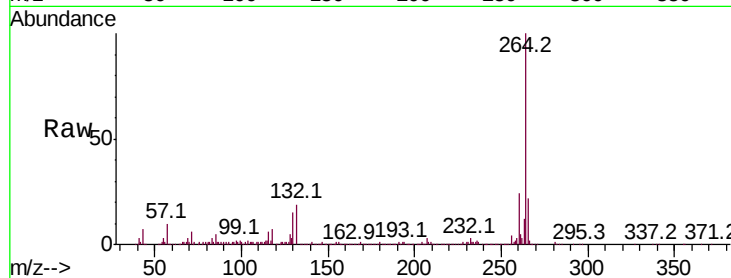




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.4	17.0	25.4



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

