

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108340.D
 Acq On : 21 Aug 2018 15:44
 Operator : JU/SJ
 Sample : J4521-30
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Quant Time: Aug 21 16:07:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

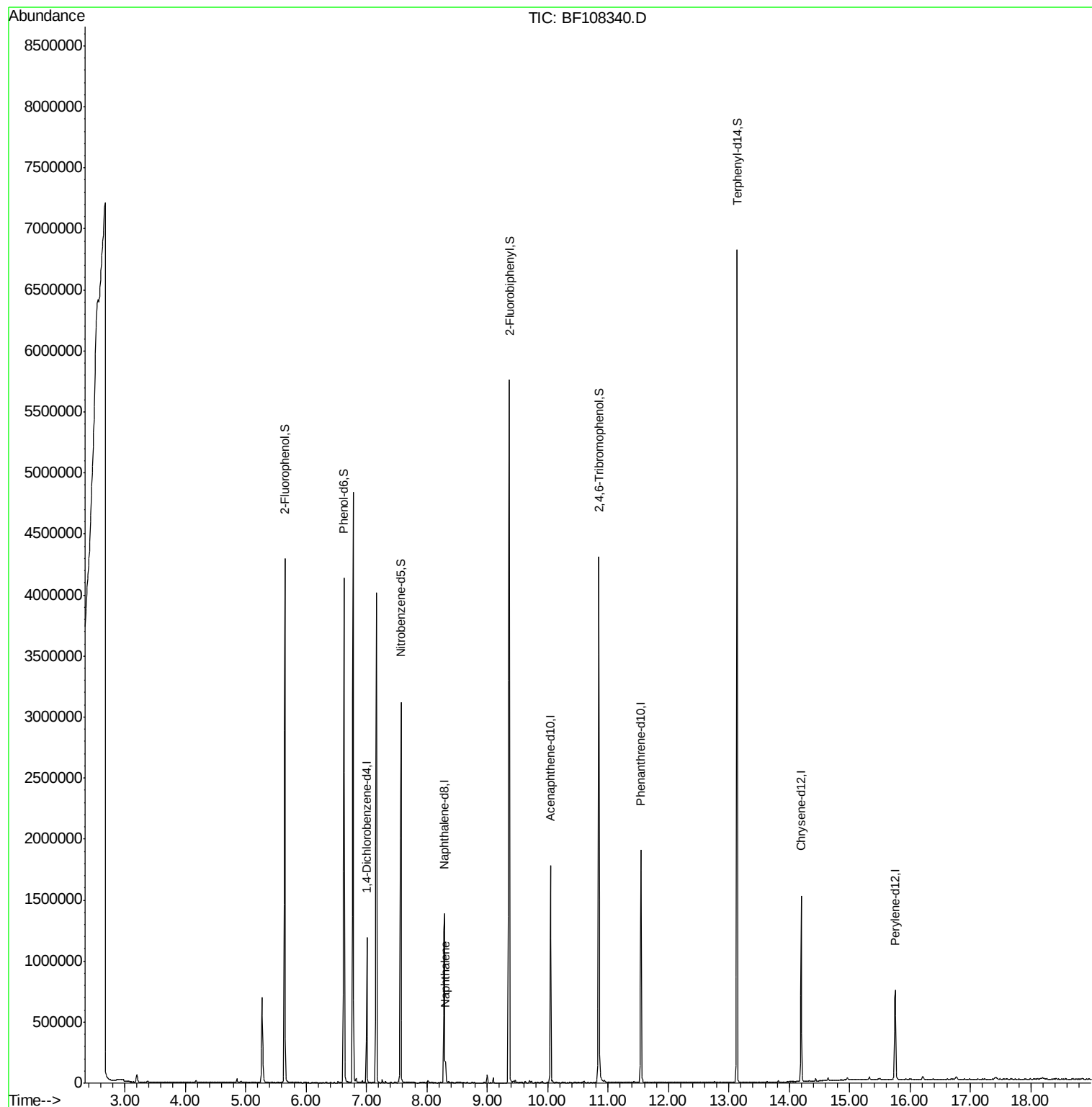
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	175949	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	663707	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	347398	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	727304	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	565734	20.00	ng	-0.02
86) Perylene-d12	15.75	264	373860	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1210104	124.52	ng	0.02
7) Phenol-d6	6.63	99	1471279	113.92	ng	0.00
23) Nitrobenzene-d5	7.57	82	1207705	101.54	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	574727	165.86	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2110127	97.52	ng	-0.01
78) Terphenyl-d14	13.14	244	2613206	117.44	ng	-0.01
Target Compounds						
31) Naphthalene	8.31	128	101773	3.372	ng	Qvalue 98

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

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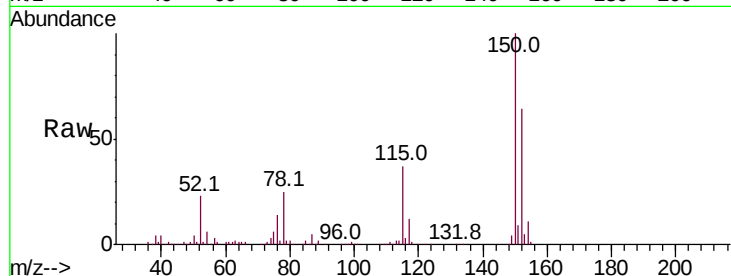


#1

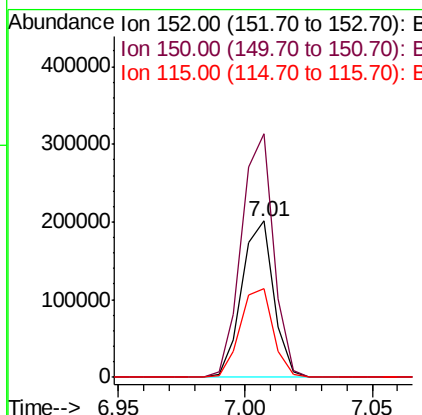
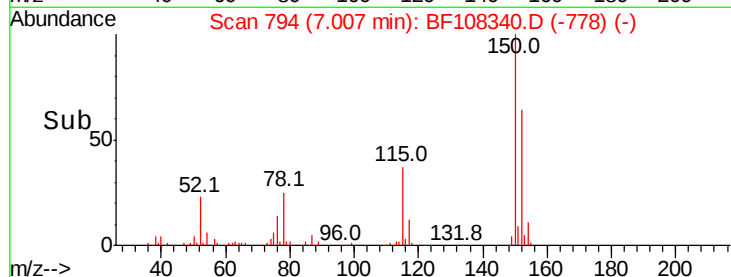
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Instrument :
BNA_F
ClientSampleId :
CHRT-27245

Tot Ion:152 Resp: 175949
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 57.1 50.1 75.1



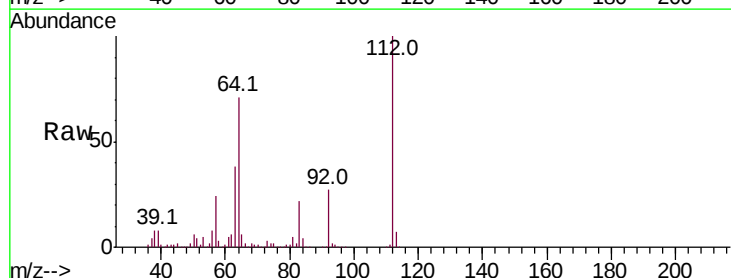
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



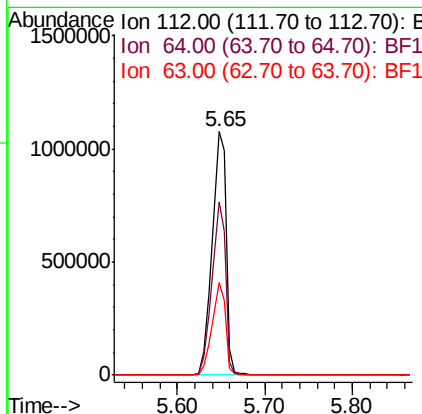
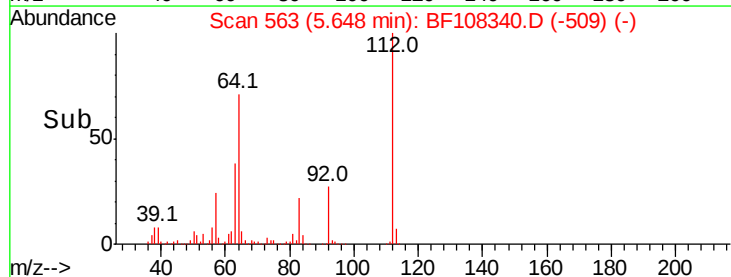
#5

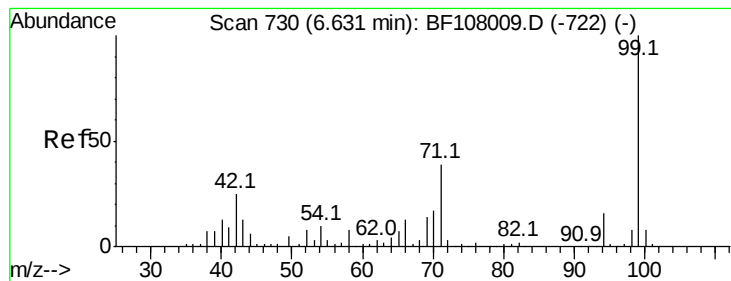
2-Fluorophenol
Concen: 124.516 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Tgt Ion:112 Resp: 1210104
Ion Ratio Lower Upper
112 100
64 71.3 47.9 71.9
63 38.0 23.7 35.5#



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: 113.924 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

BNA_F

ClientSampleId :

CHRT-27245

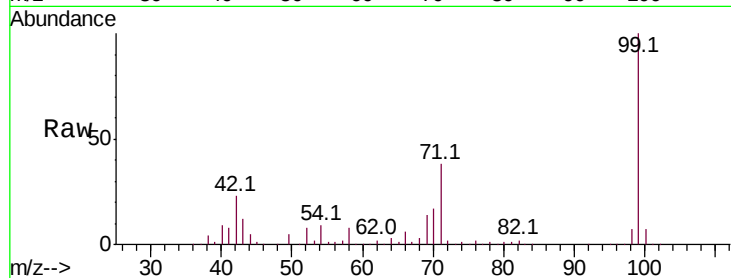
Tot Ion: 99 Resp: 1471279

Ion Ratio Lower Upper

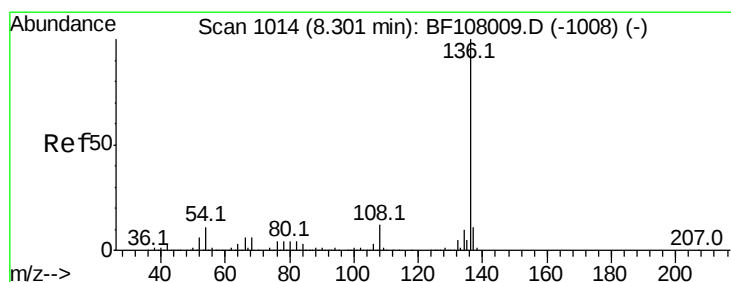
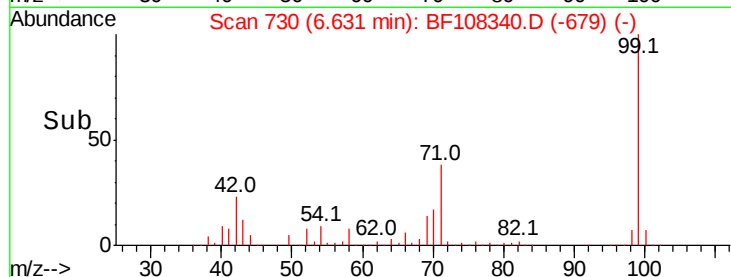
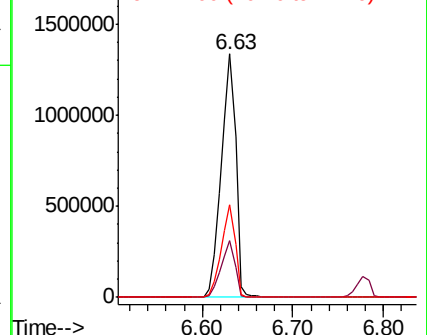
99 100

42 23.2 14.5 21.7#

71 38.1 25.4 38.0#



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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Tgt Ion: 136 Resp: 663707

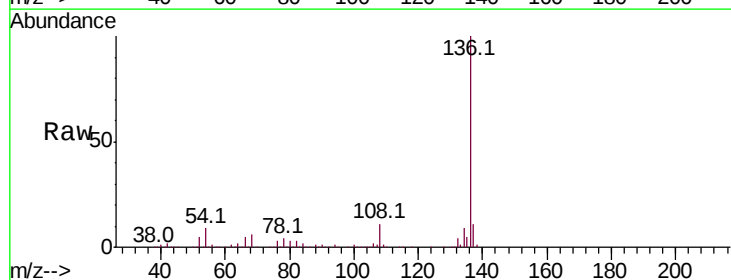
Ion Ratio Lower Upper

136 100

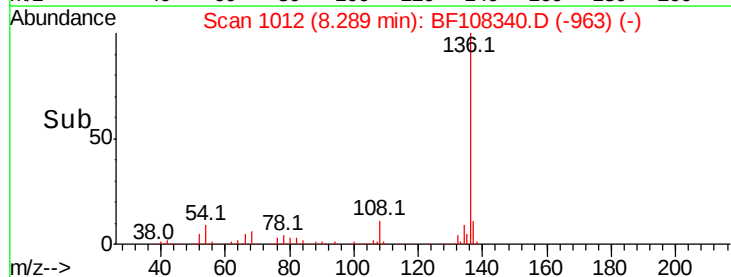
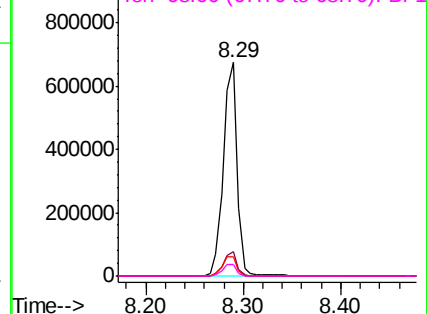
137 11.2 8.9 13.3

54 9.2 6.6 9.8

68 5.7 5.0 7.4



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

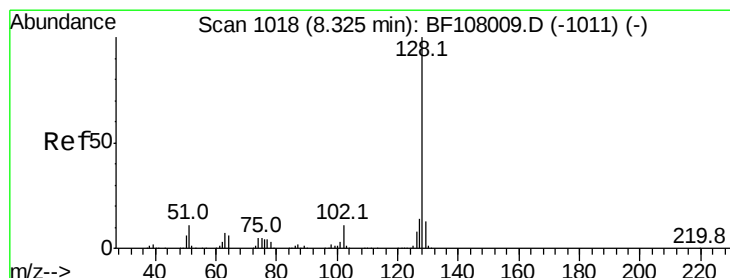
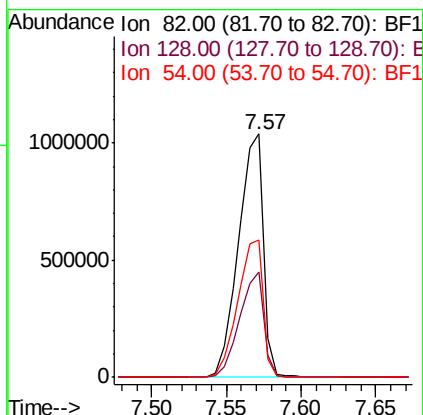
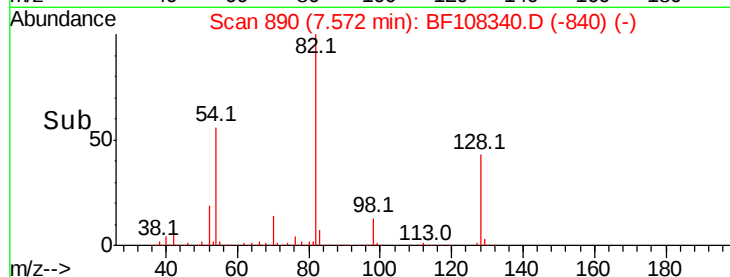
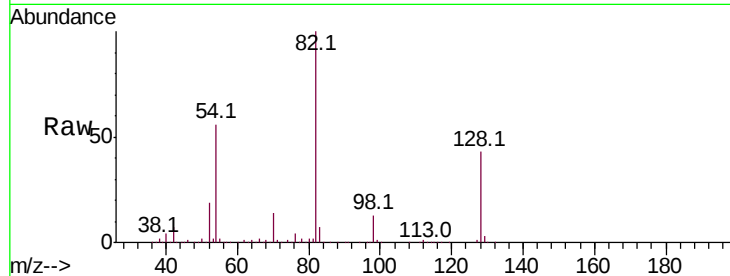




#23
 Nitrobenzene-d5
 Concen: 101.538 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

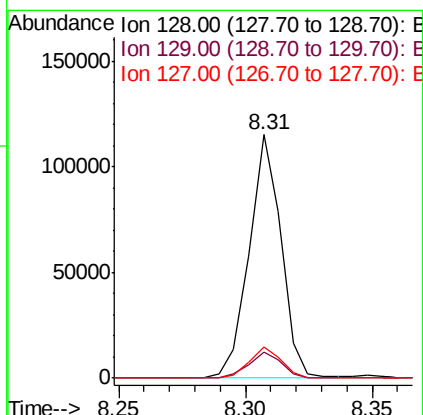
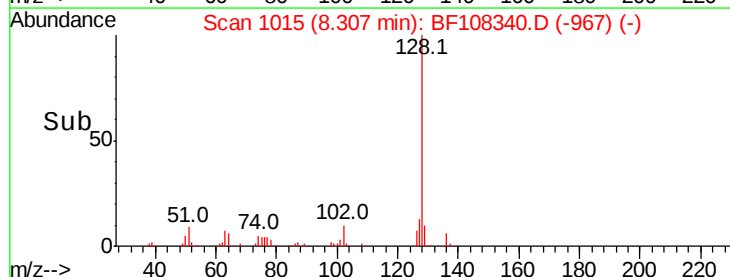
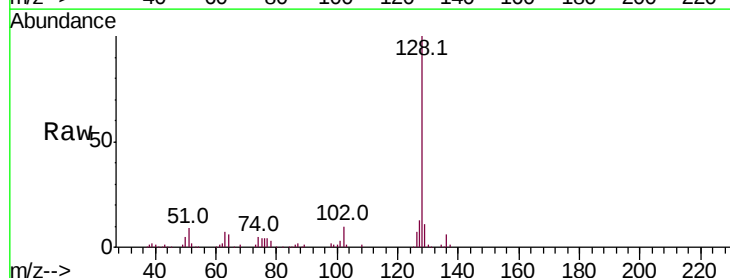
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

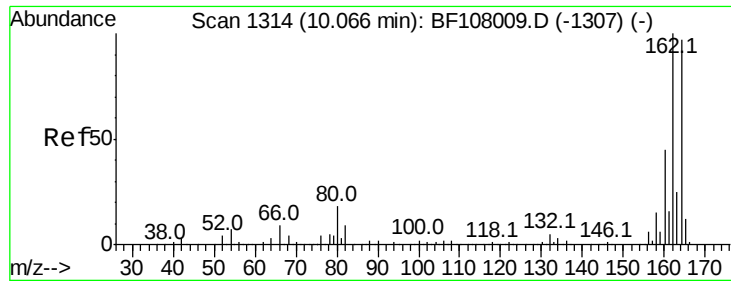
Tot Ion: 82 Resp: 1207705
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 56.2 41.4 62.2



#31
 Naphthalene
 Concen: 3.372 ng
 RT: 8.31 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Tgt Ion: 128 Resp: 101773
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 12.6 10.9 16.3

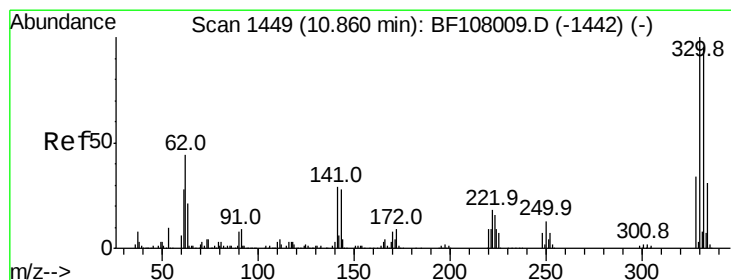
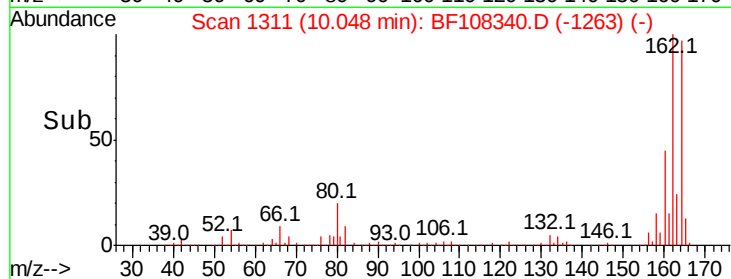
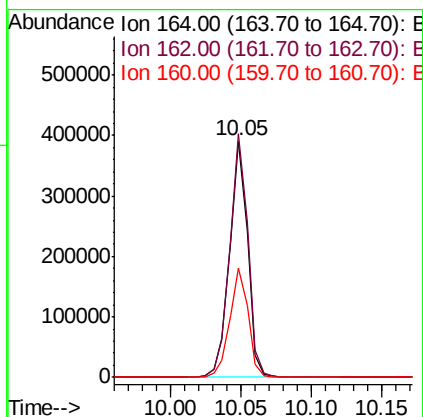
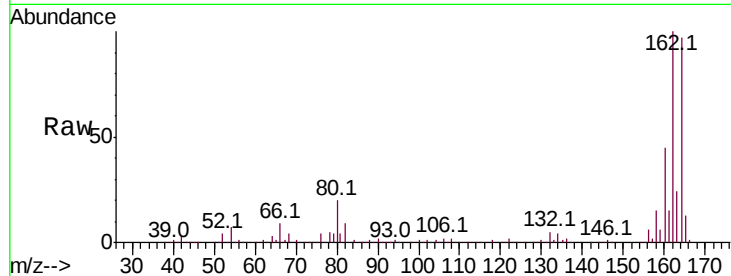




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

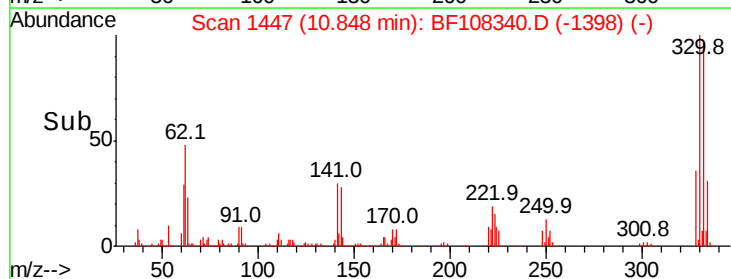
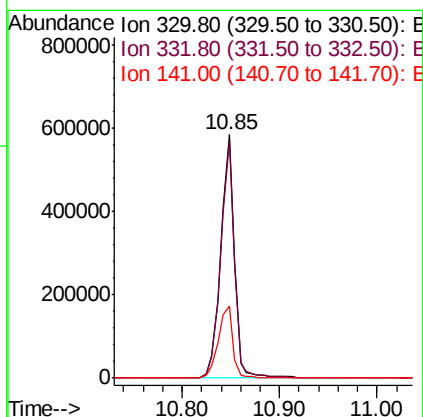
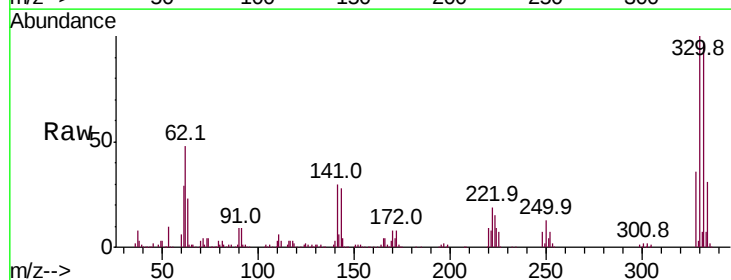
Instrument :
BNA_F
ClientSampleId :
CHRT-27245

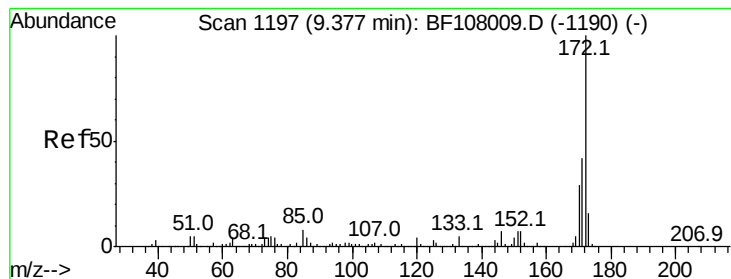
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.2	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 165.856 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	31.6	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 97.518 ng

RT: 9.37 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

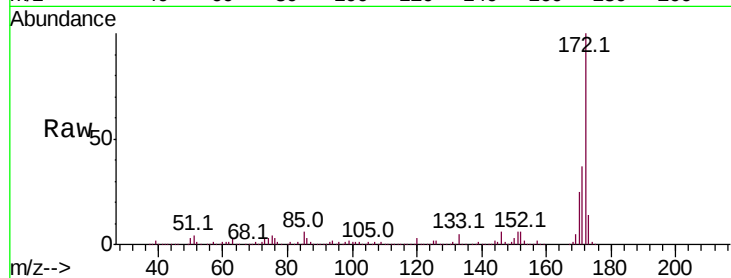
BNA_F

ClientSampleId :

CHRT-27245

Tot Ion:172 Resp: 2110127

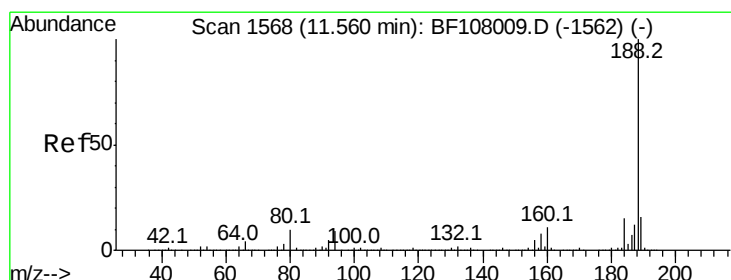
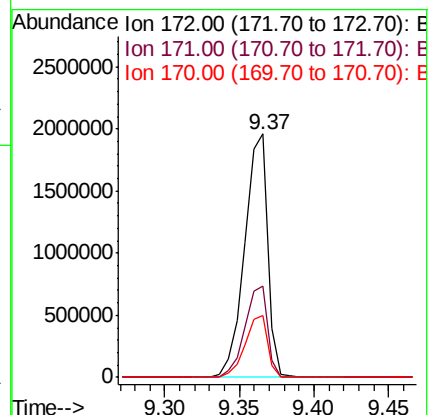
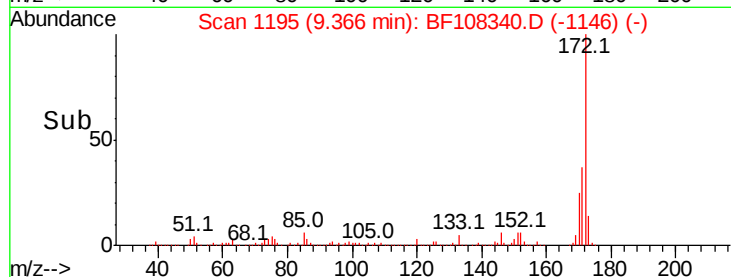
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.3	19.6	29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

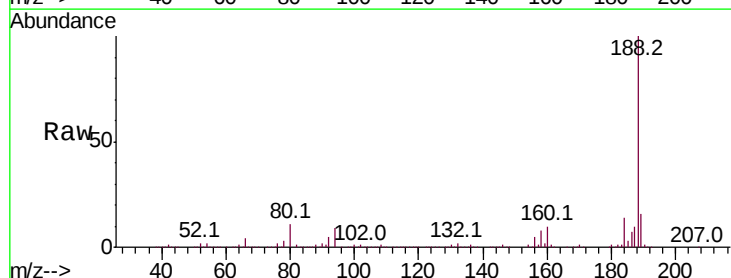
Delta R.T. -0.02 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Tgt Ion:188 Resp: 727304

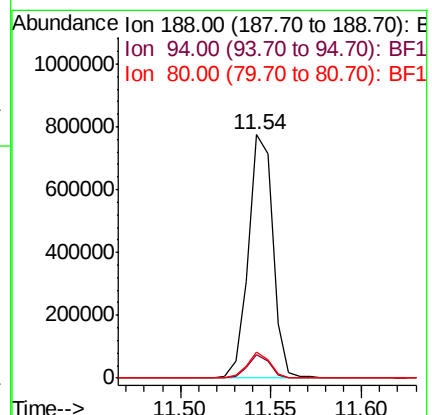
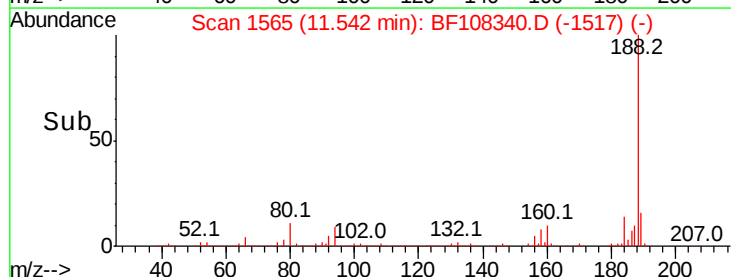
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8

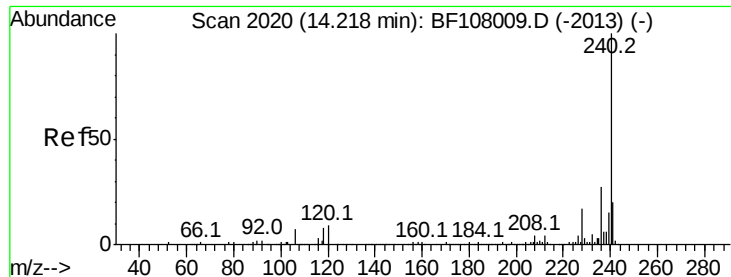


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

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ClientSampleId :

CHRT-27245

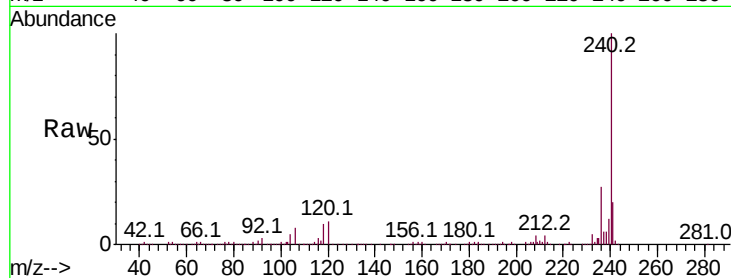
Tot Ion:240 Resp: 565734

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

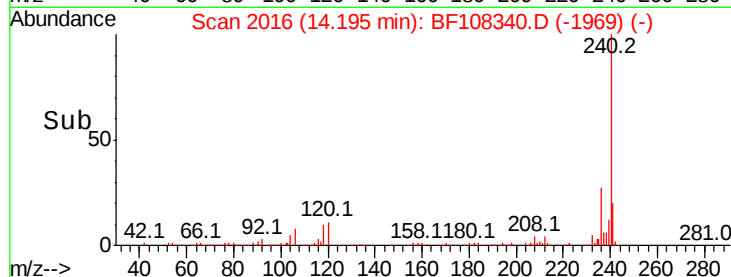
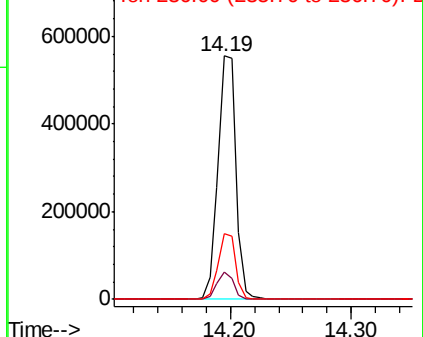
236 26.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 117.445 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

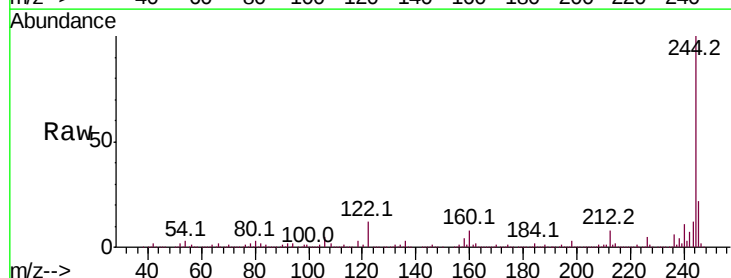
Tgt Ion:244 Resp: 2613206

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

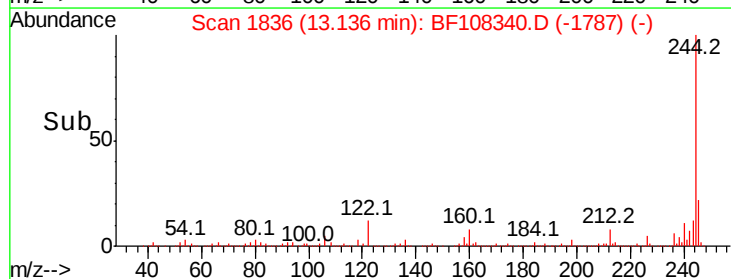
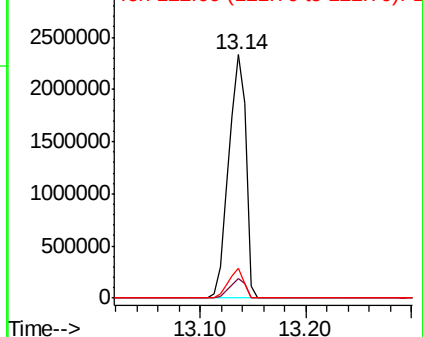
122 12.3 11.0 16.4

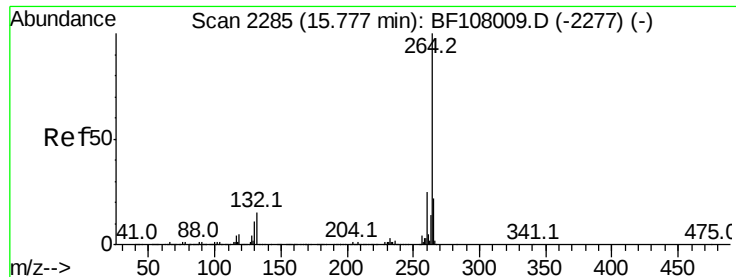


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

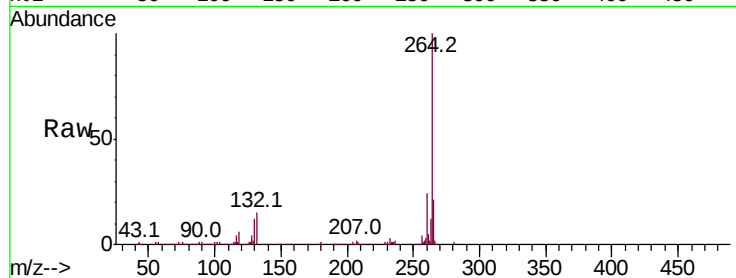




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3



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

