

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112343.D
 Acq On : 31 Jan 2019 1:26
 Operator : JU/SJ
 Sample : K1268-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012819-SIDI-E-U-B

Quant Time: Jan 31 04:28:51 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

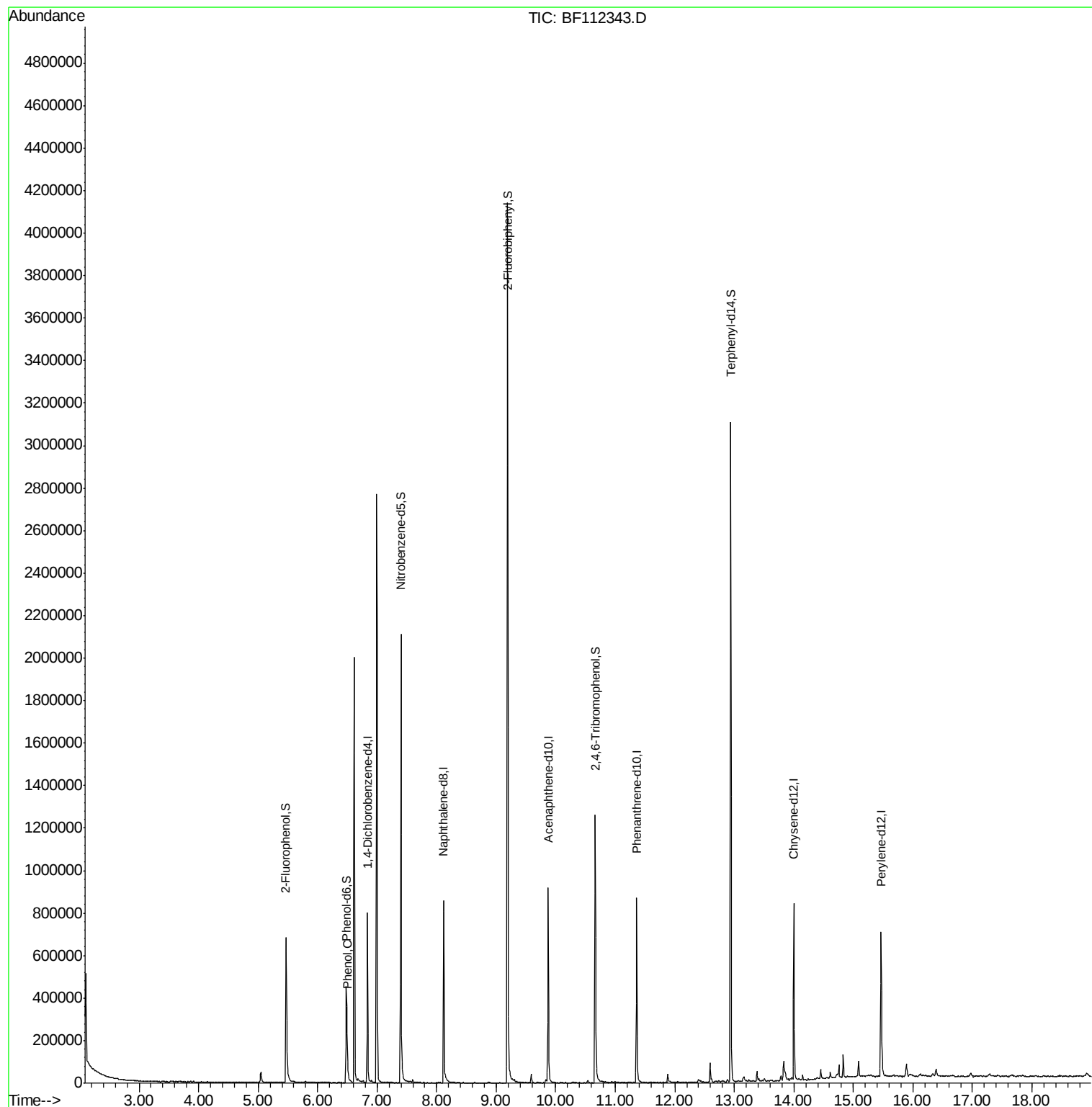
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133941	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	470678	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	206165	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	348993	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	301249	20.00	ng	-0.01
87) Perylene-d12	15.47	264	324090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	247928	39.32	ng	-0.01
7) Phenol-d6	6.48	99	177205	20.22	ng	-0.01
23) Nitrobenzene-d5	7.40	82	683932	83.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	173398	72.26	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1286650	88.27	ng	-0.01
79) Terphenyl-d14	12.94	244	963111	60.21	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	38645	4.020	ng	Qvalue 78

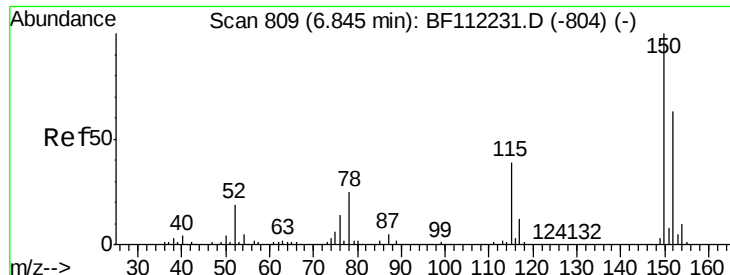
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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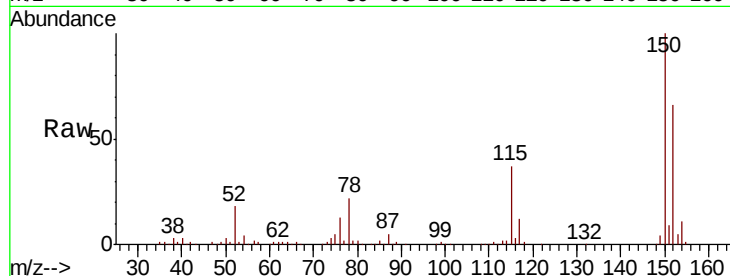


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112343.D
Acq: 31 Jan 2019 1:26

Instrument :
BNA_F
ClientSampleId :
012819-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	127.4	191.0
115	55.0	45.5	68.3

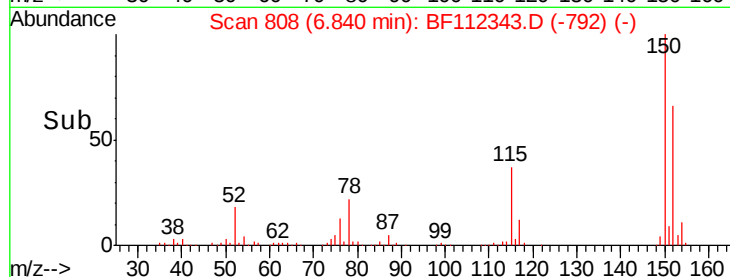
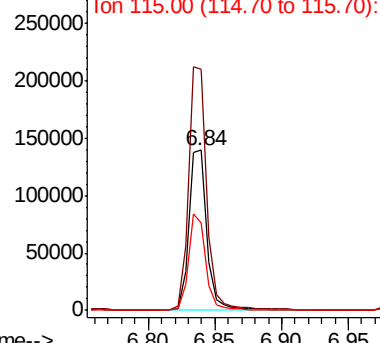


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

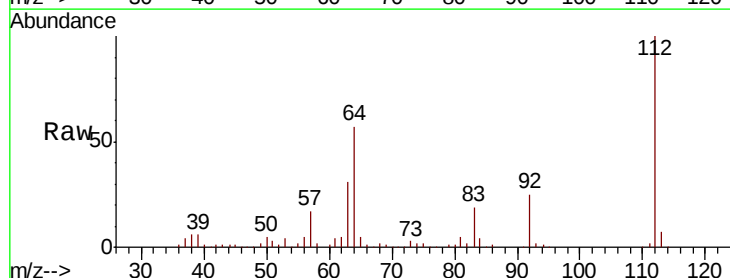
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.317 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112343.D
Acq: 31 Jan 2019 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	31.1	23.6	35.4

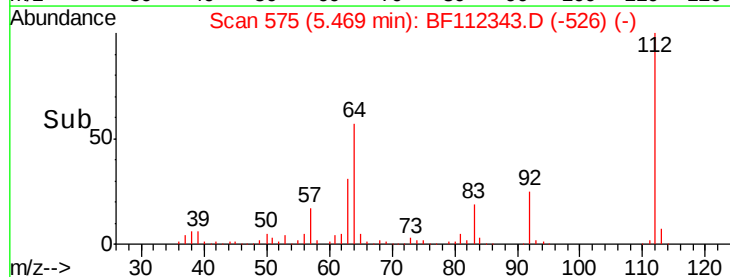
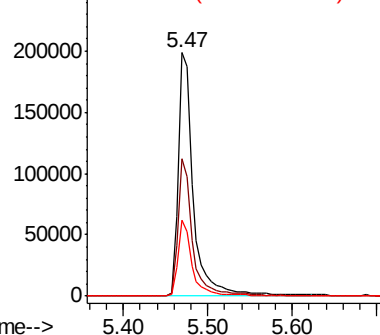


Abundance

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: 20.223 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

Instrument :

BNA_F

ClientSampleId :

012819-SIDI-E-U-B

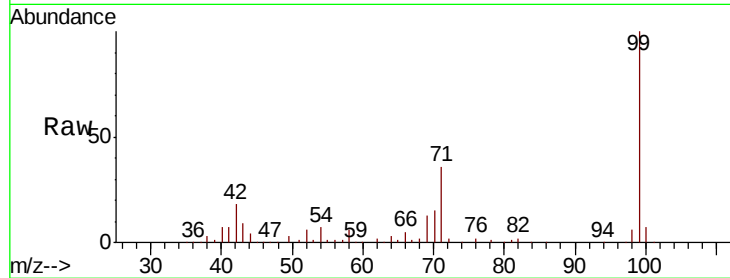
Tot Ion: 99 Resp: 177205

Ion Ratio Lower Upper

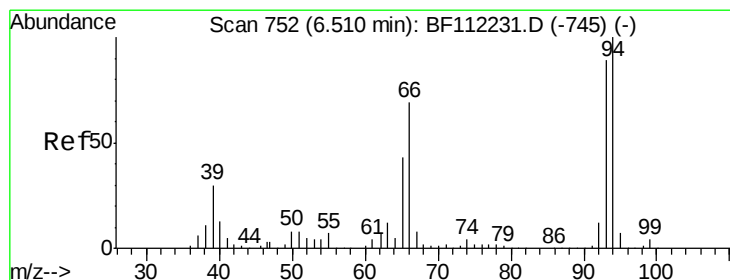
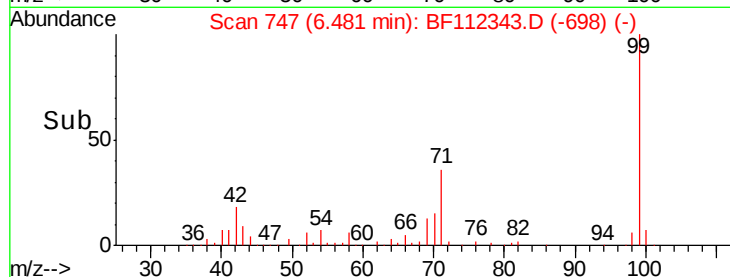
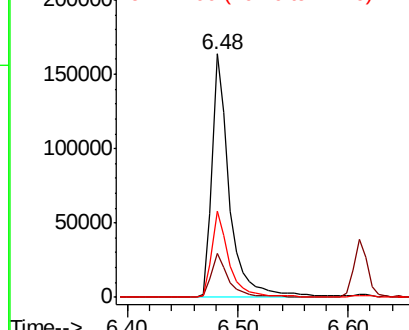
99 100

42 18.0 15.1 22.7

71 35.5 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



#10

Phenol

Concen: 4.020 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

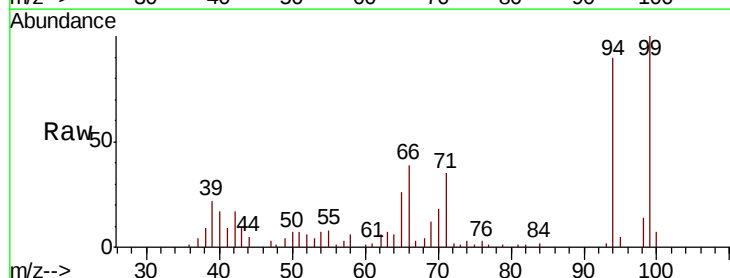
Tgt Ion: 94 Resp: 38645

Ion Ratio Lower Upper

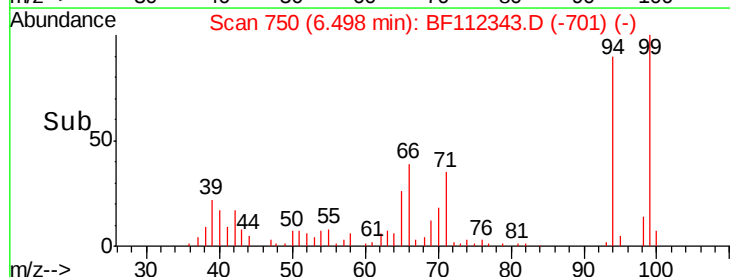
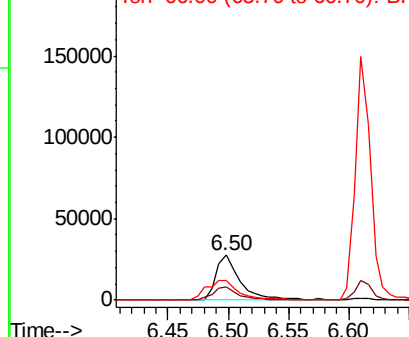
94 100

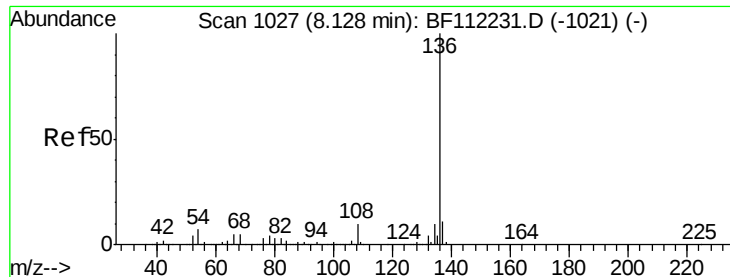
65 28.7 20.3 60.3

66 43.2 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

Instrument :

BNA_F

ClientSampleId :

012819-SIDI-E-U-B

Tot Ion:136 Resp: 470678

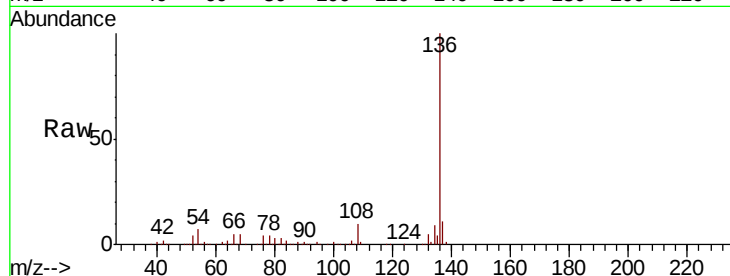
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.7 5.9 8.9

68 5.2 5.1 7.7

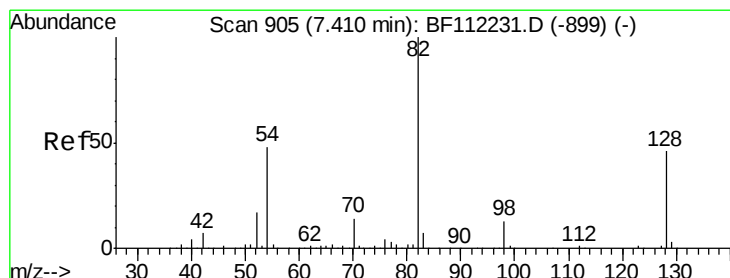
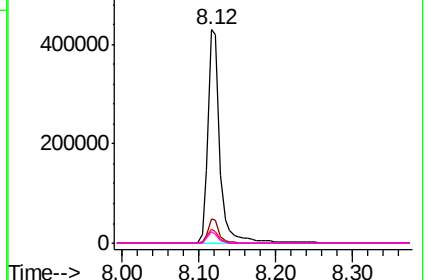
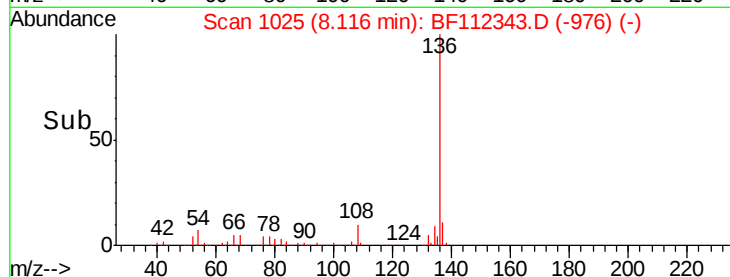


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.726 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

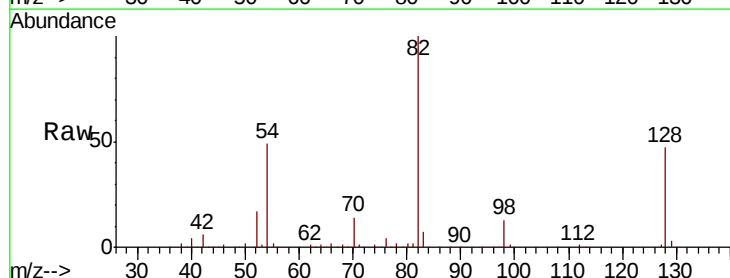
Tgt Ion: 82 Resp: 683932

Ion Ratio Lower Upper

82 100

128 46.8 37.8 56.8

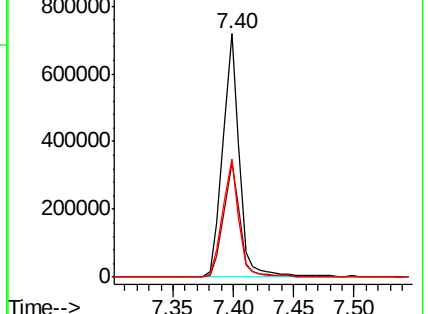
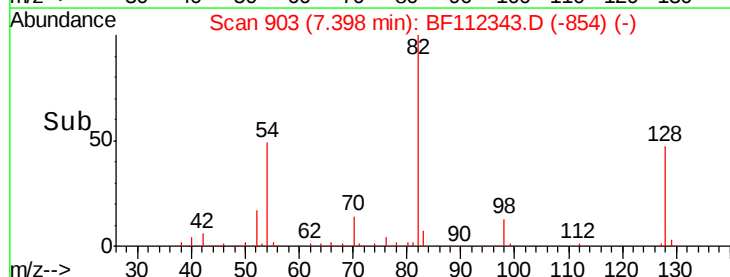
54 48.7 39.7 59.5

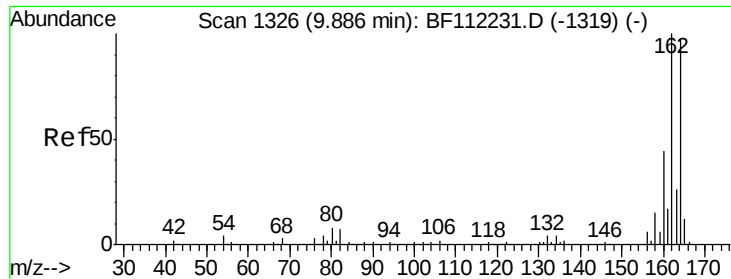


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

Instrument :

BNA_F

ClientSampleId :

012819-SIDI-E-U-B

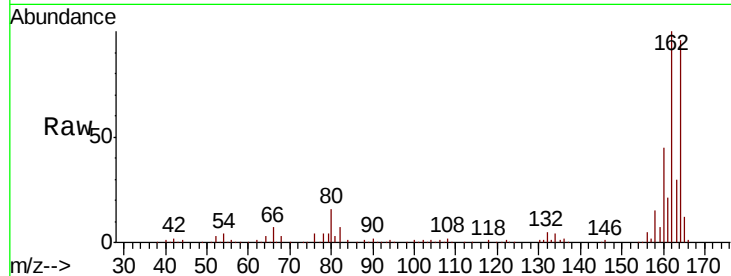
Tot Ion:164 Resp: 206165

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

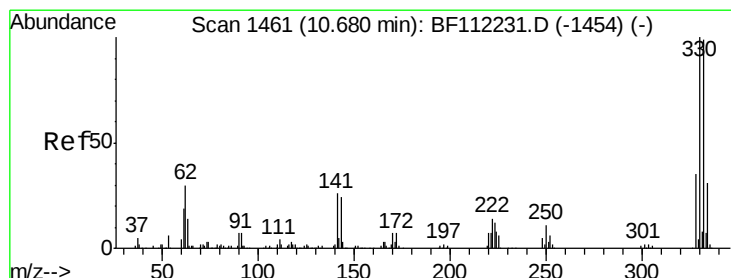
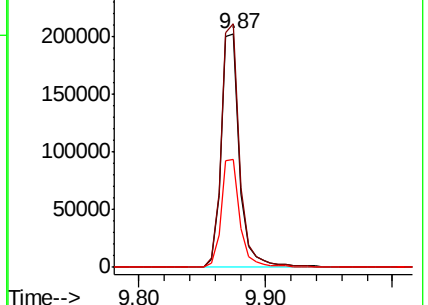
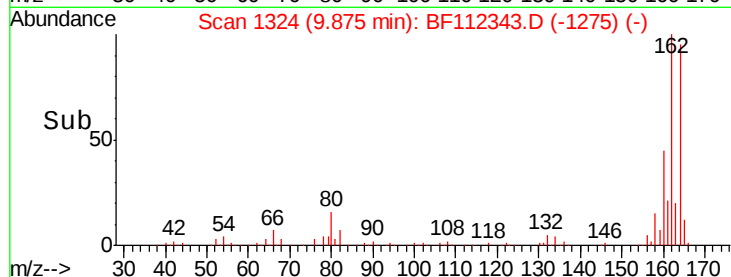
160 46.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 72.258 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

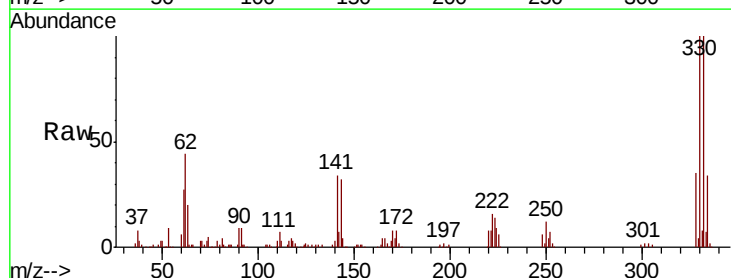
Tgt Ion:330 Resp: 173398

Ion Ratio Lower Upper

330 100

332 99.5 76.6 114.8

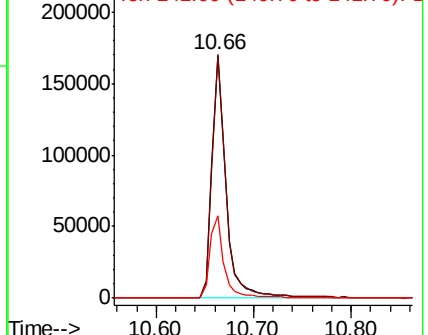
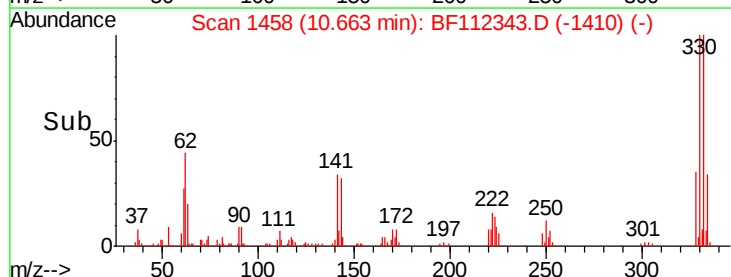
141 34.2 24.3 36.5

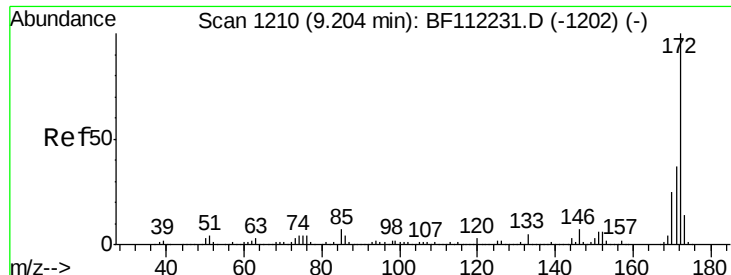


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



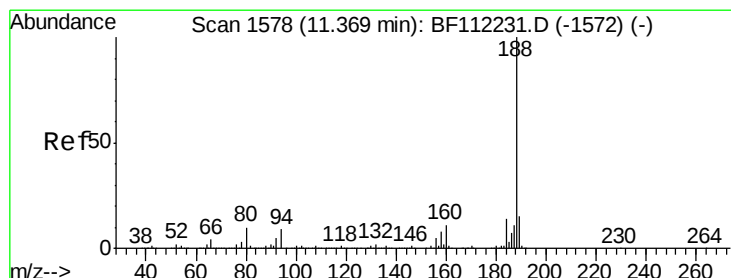
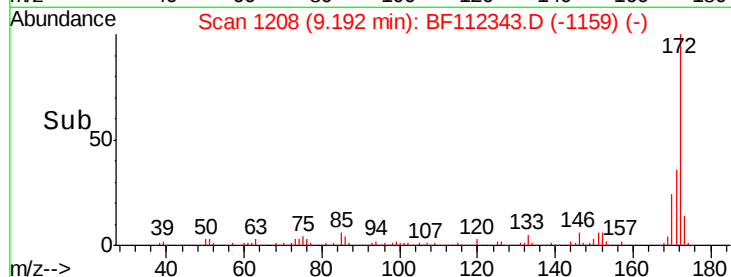
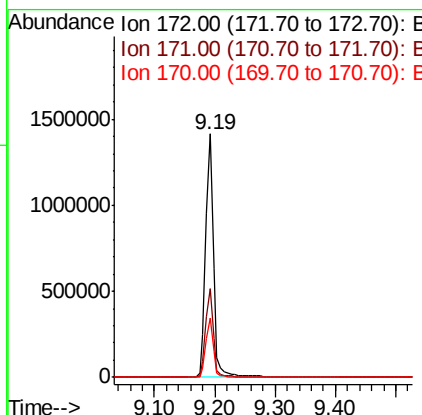
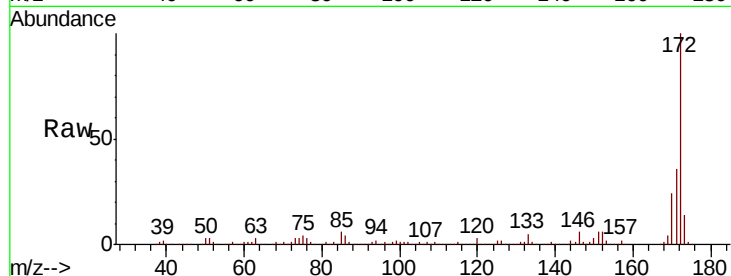


#45
 2-Fluorobiphenyl
 Concen: 88.267 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112343.D
 Acq: 31 Jan 2019 1:26

Instrument :
 BNA_F
 ClientSampleId :
 012819-SIDI-E-U-B

Tot Ion:172 Resp: 1286650

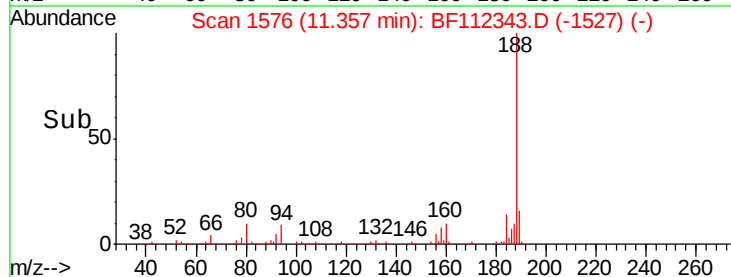
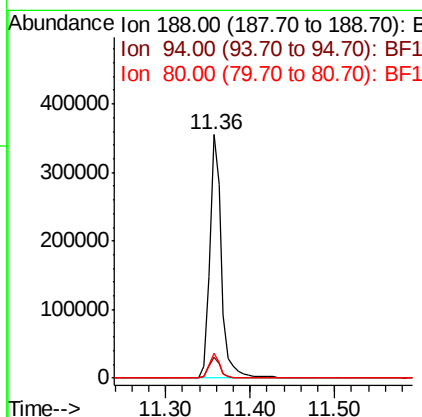
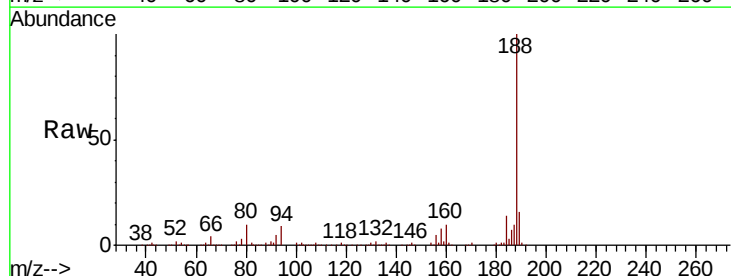
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.3	20.2	30.4

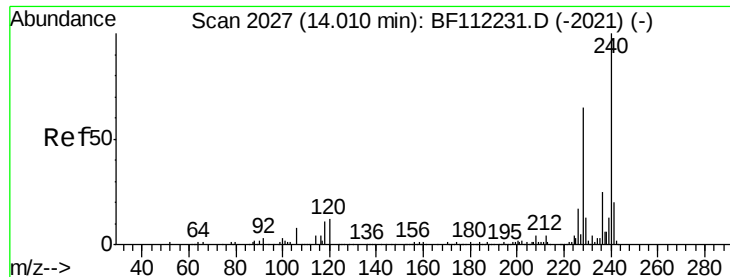


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112343.D
 Acq: 31 Jan 2019 1:26

Tgt Ion:188 Resp: 348993

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	10.1	8.9	13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

Instrument :

BNA_F

ClientSampleId :

012819-SIDI-E-U-B

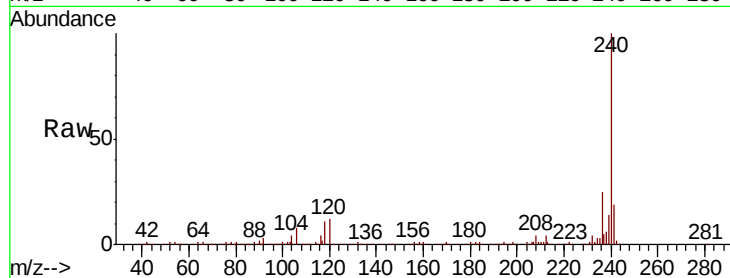
Tot Ion:240 Resp: 301249

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

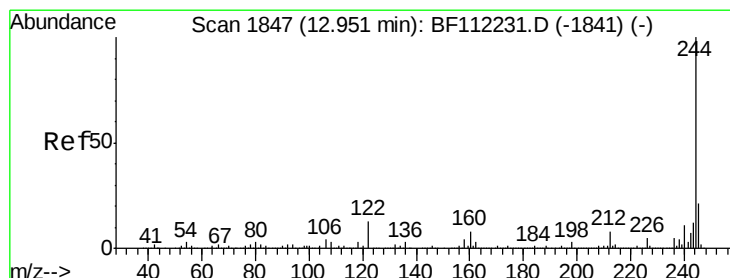
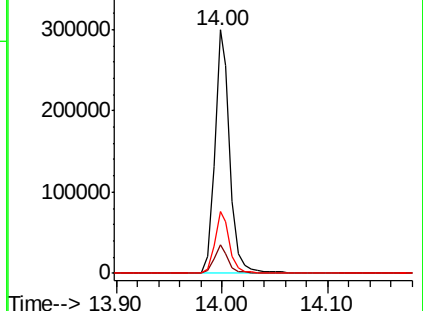
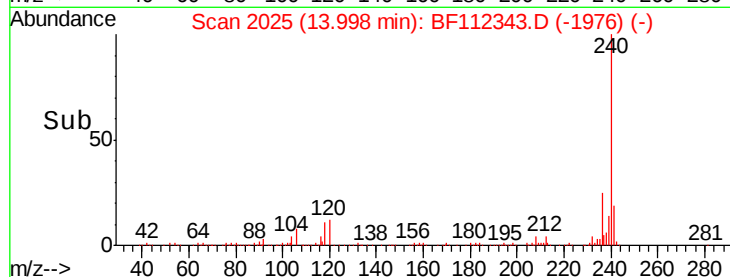
236 25.5 20.7 31.1



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: 60.215 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112343.D

Acq: 31 Jan 2019 1:26

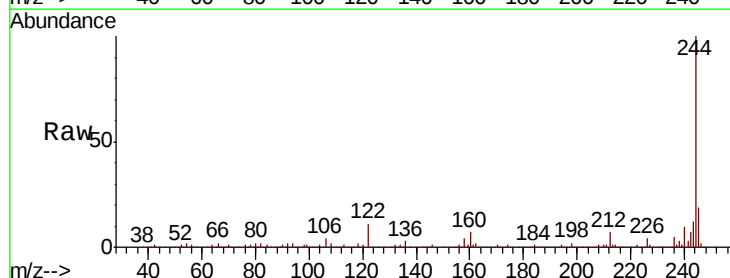
Tgt Ion:244 Resp: 963111

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

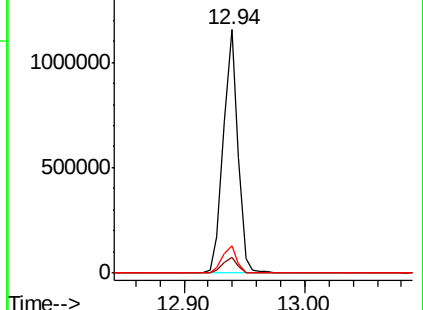
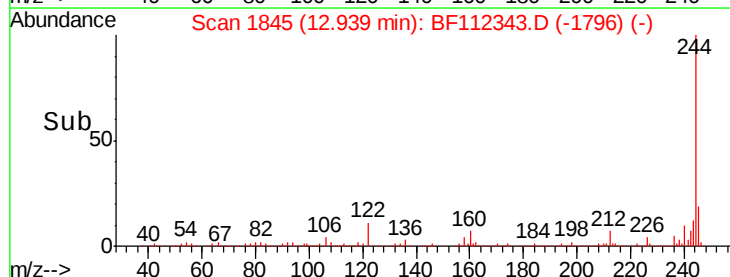
122 11.0 9.8 14.6

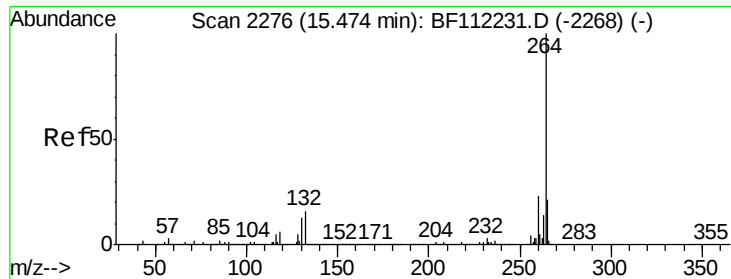


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF112343.D
Acq: 31 Jan 2019 1:26

Instrument :
BNA_F
ClientSampleId :
012819-SIDI-E-U-B

Tot Ion:	264	Resp:	324090
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.0	17.0	25.4

