

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112576.D
 Acq On : 14 Feb 2019 19:03
 Operator : JU/SJ
 Sample : K1350-07 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-B

Quant Time: Feb 15 04:24:44 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	87471	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	343213	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	159262	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	297110	20.00	ng	0.00
76) Chrysene-d12	14.02	240	219179	20.00	ng	0.00
87) Perylene-d12	15.50	264	162157	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	78250	19.00	ng	0.00
7) Phenol-d6	6.49	99	105071	18.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	66737	11.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	27573	14.87	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	140768	12.50	ng	-0.01
79) Terphenyl-d14	12.94	244	144237	12.39	ng	0.00

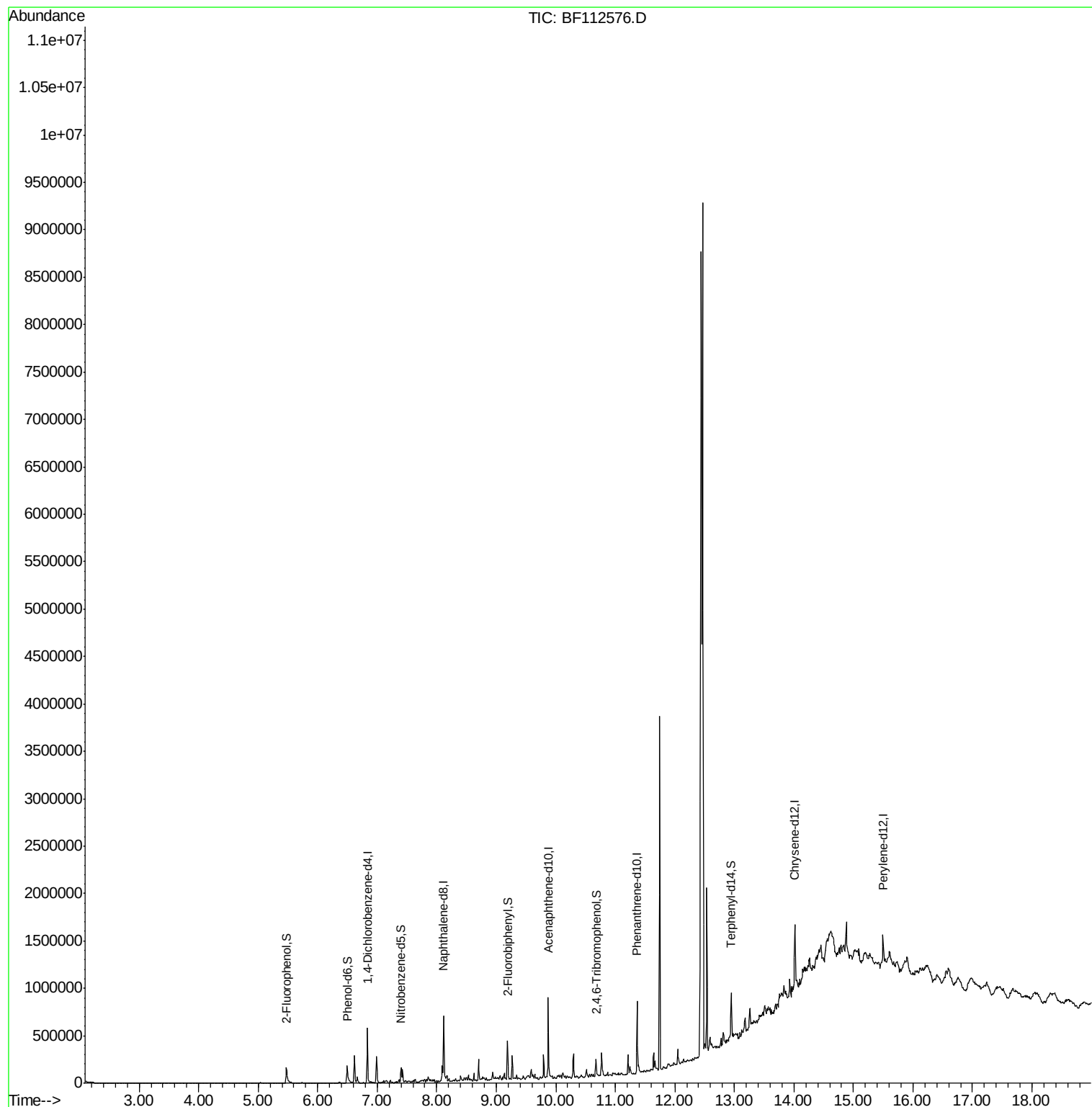
Target Compounds Qvalue

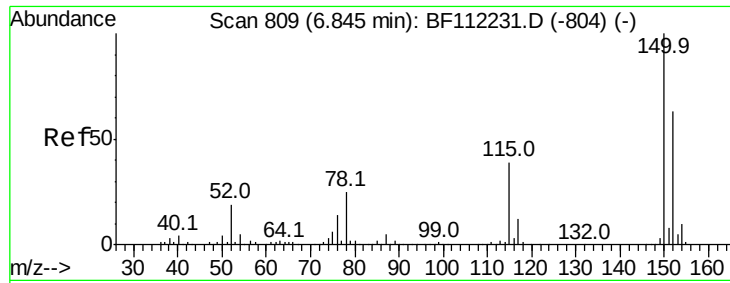
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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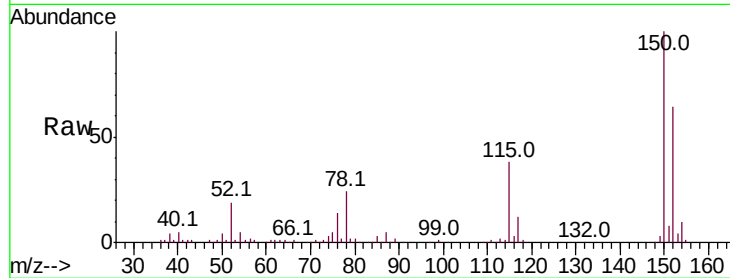


#1

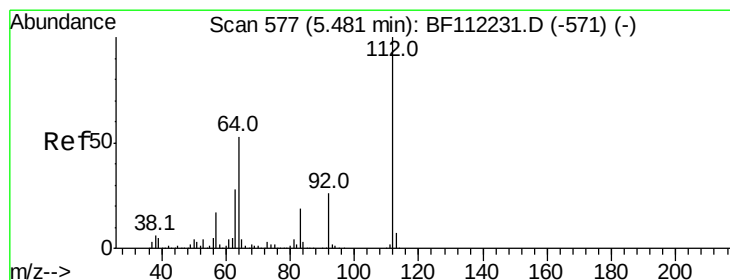
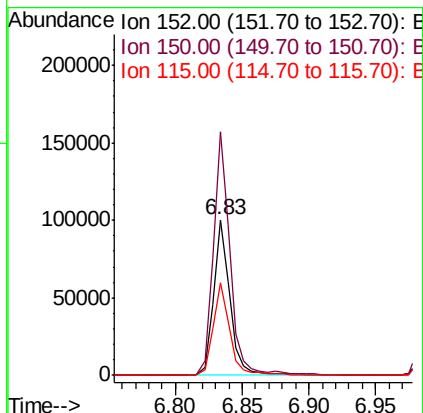
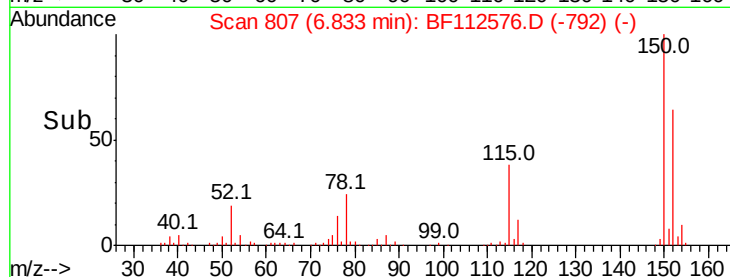
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112576.D
Acq: 14 Feb 2019 19:03

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-B

Tot Ion:152 Resp: 87471
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 59.6 45.5 68.3



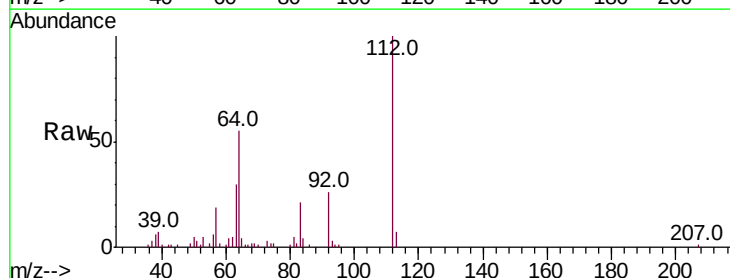
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



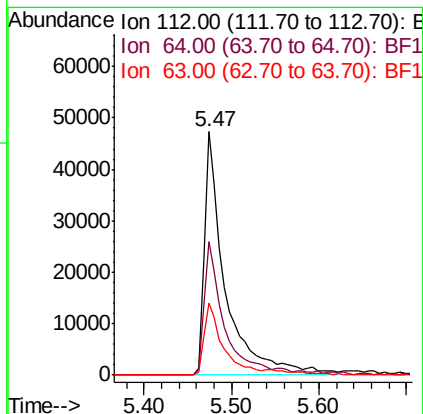
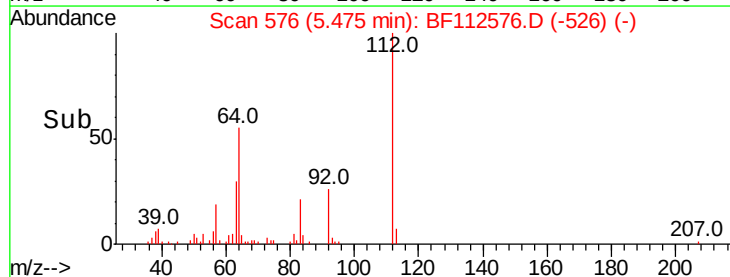
#5

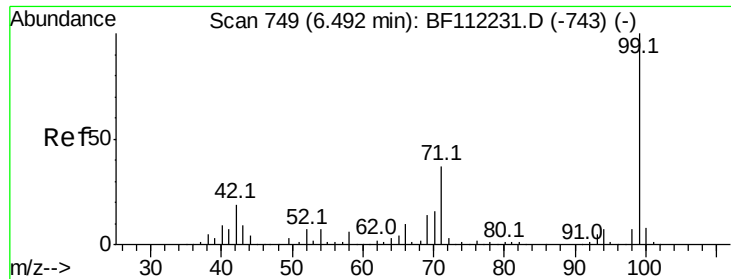
2-Fluorophenol
Concen: 19.002 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112576.D
Acq: 14 Feb 2019 19:03

Tgt Ion:112 Resp: 78250
Ion Ratio Lower Upper
112 100
64 55.1 45.7 68.5
63 29.9 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: 18.362 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

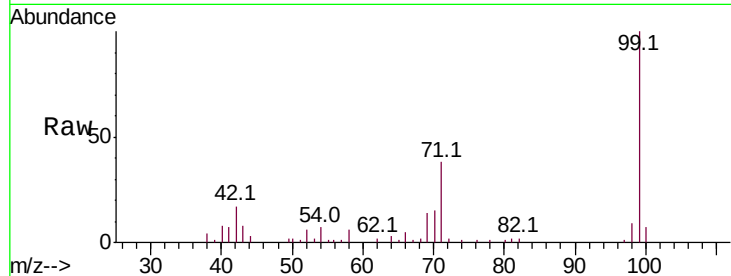
Tot Ion: 99 Resp: 105071

Ion Ratio Lower Upper

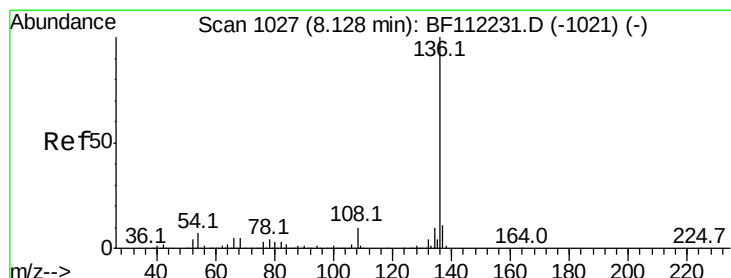
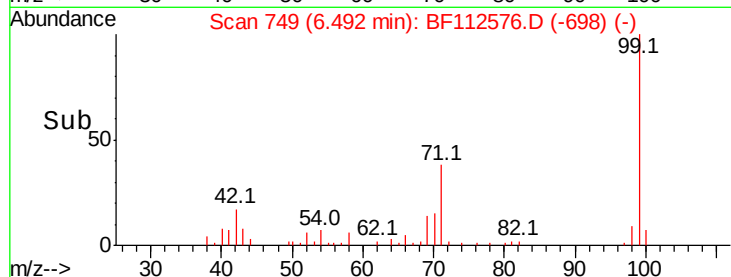
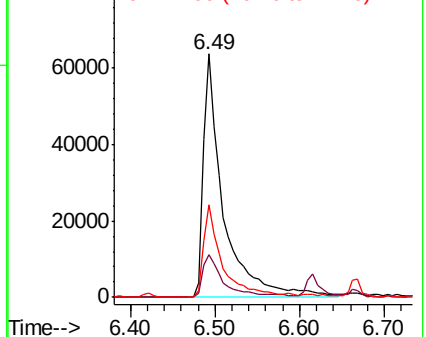
99 100

42 17.3 15.1 22.7

71 38.1 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# 1025

Delta R.T. -0.01 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

Tgt Ion: 136 Resp: 343213

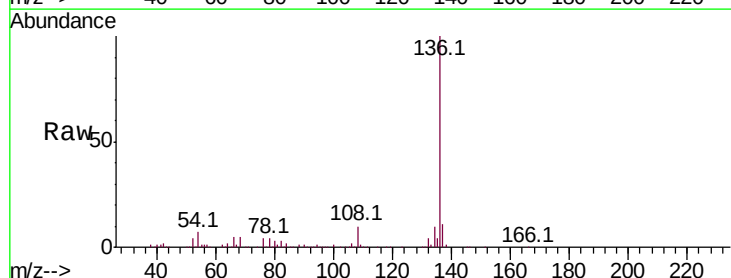
Ion Ratio Lower Upper

136 100

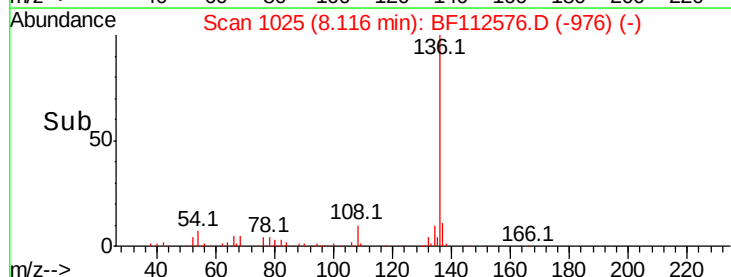
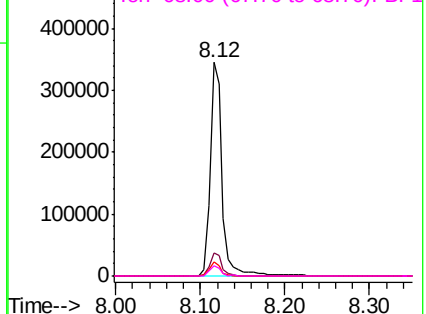
137 10.9 9.1 13.7

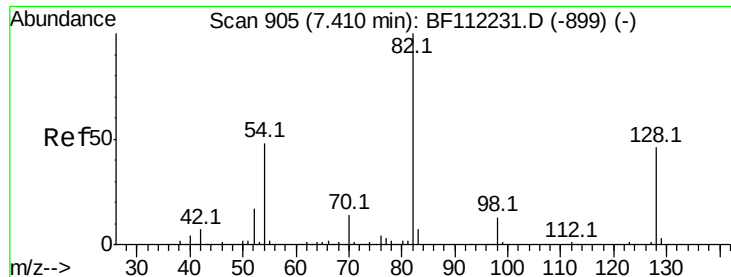
54 6.8 5.9 8.9

68 4.7 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

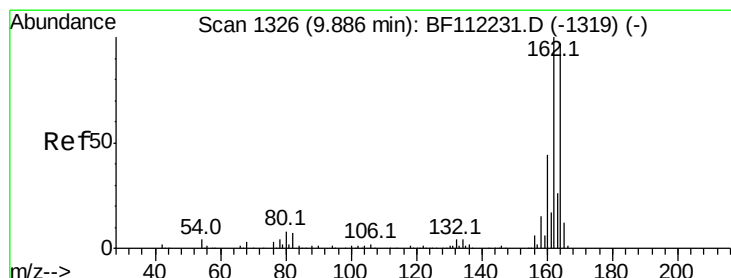
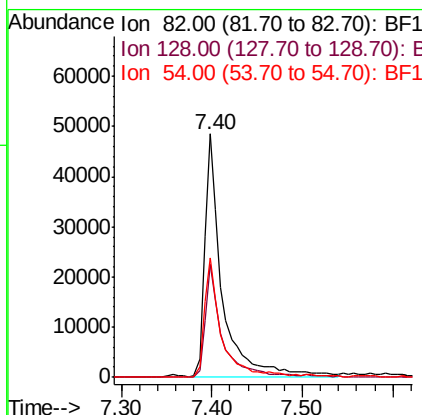
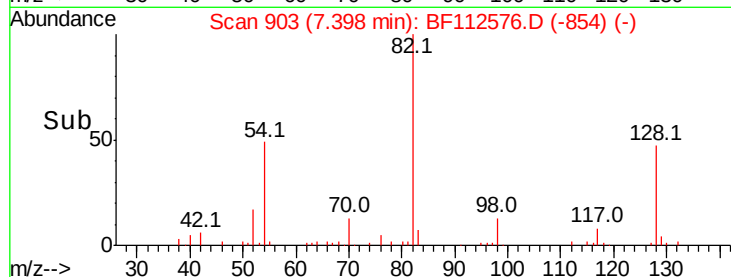
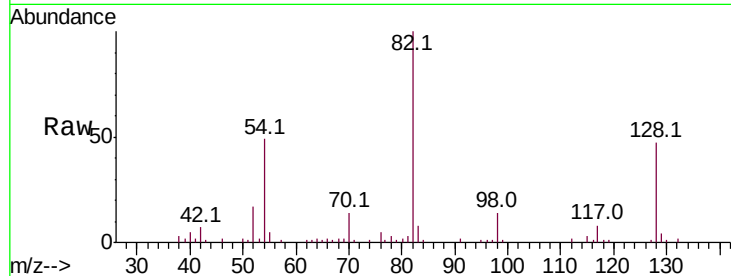




#23
 Nitrobenzene-d5
 Concen: 11.204 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112576.D
 Acq: 14 Feb 2019 19:03

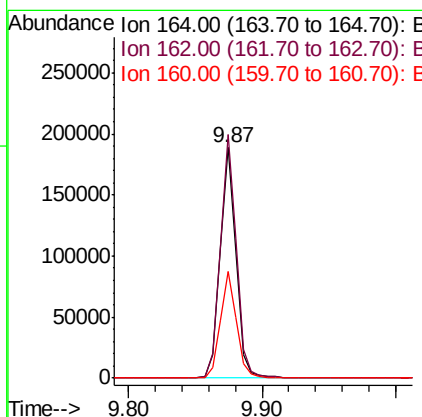
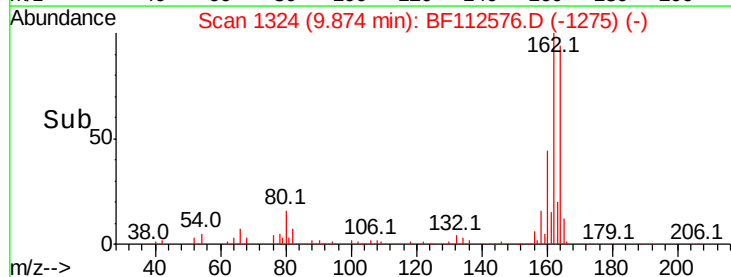
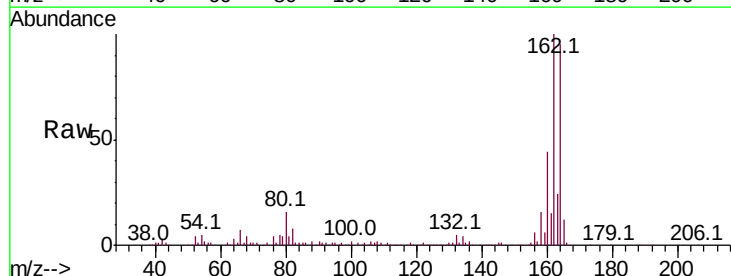
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-B

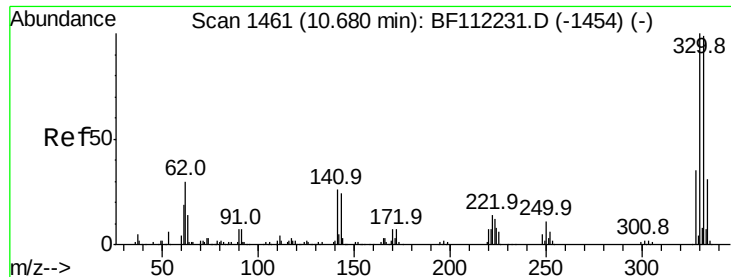
Tot Ion	82	Resp	66737
Ion Ratio	100	Lower	Upper
128	46.6	37.8	56.8
54	48.8	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112576.D
 Acq: 14 Feb 2019 19:03

Tgt Ion	164	Resp	159262
Ion Ratio	100	Lower	Upper
162	105.7	82.2	123.4
160	46.3	36.2	54.4

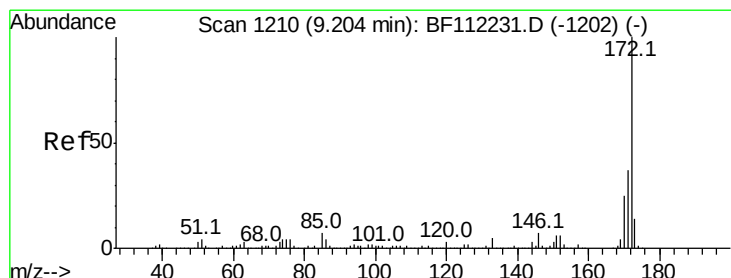
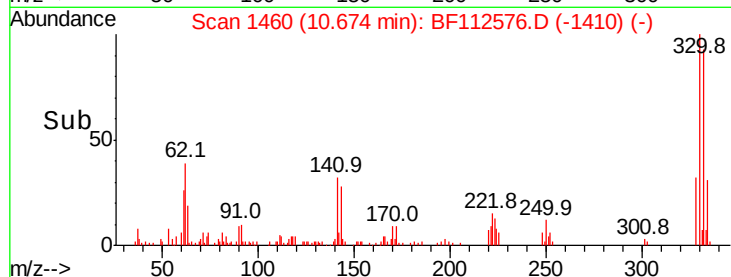
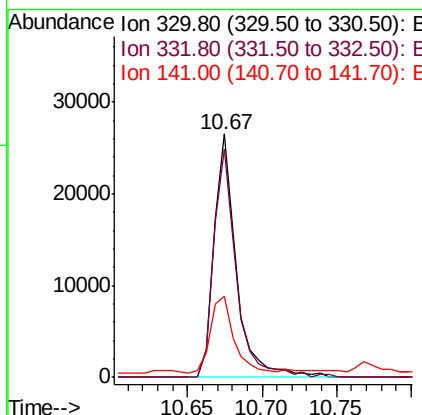
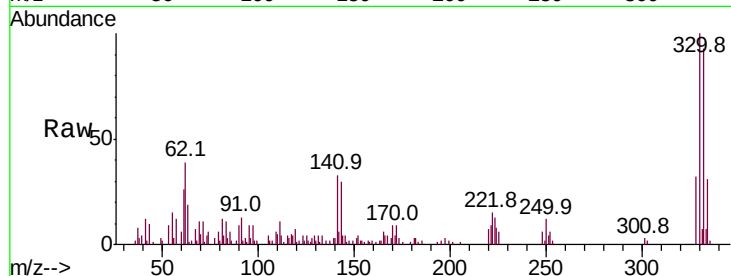




#42
 2,4,6-Tribromophenol
 Concen: 14.874 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112576.D
 Acq: 14 Feb 2019 19:03

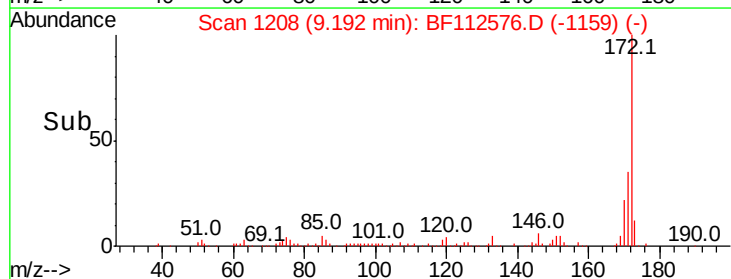
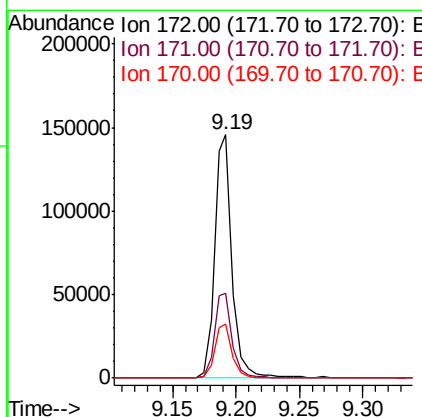
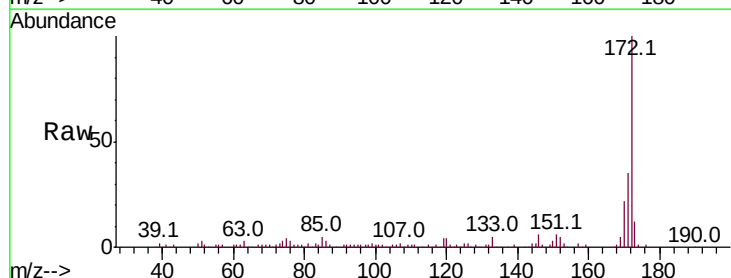
Instrument :
 BNA_F
 ClientSampled :
 EO-02-021319-B

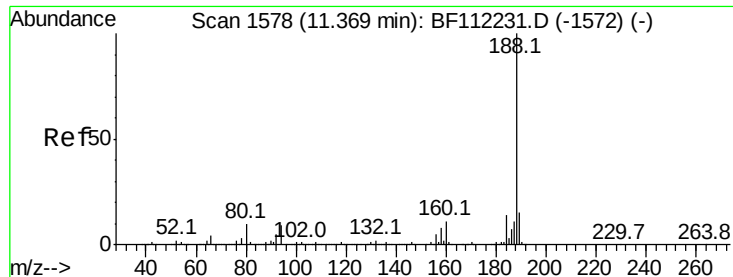
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	33.1	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 12.501 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112576.D
 Acq: 14 Feb 2019 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.5	45.7
170	22.4	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

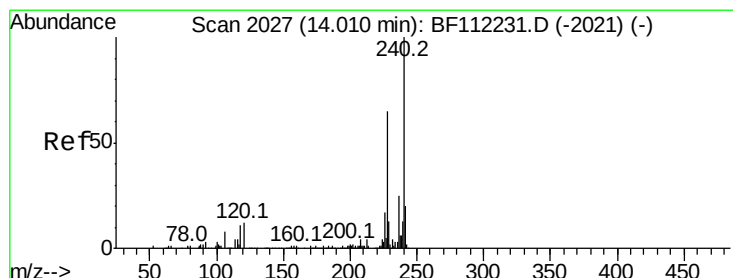
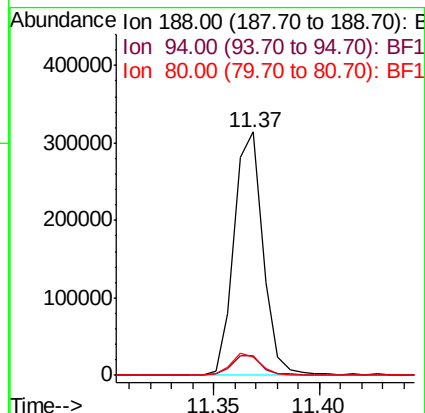
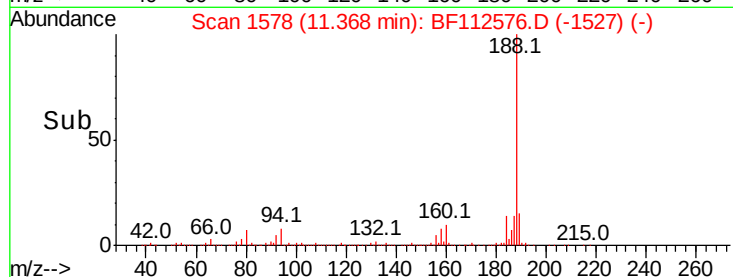
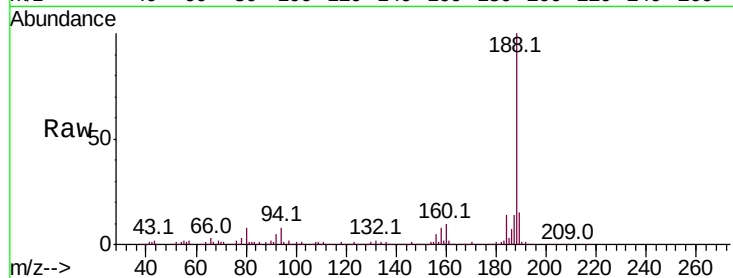
Tot Ion:188 Resp: 297110

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 7.6 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

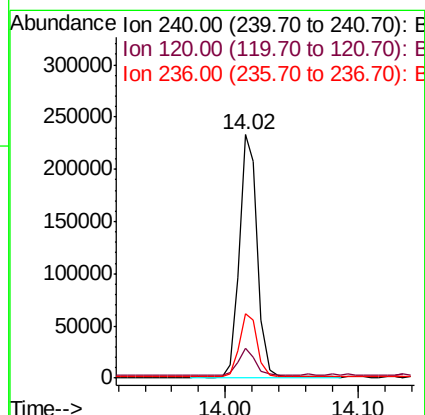
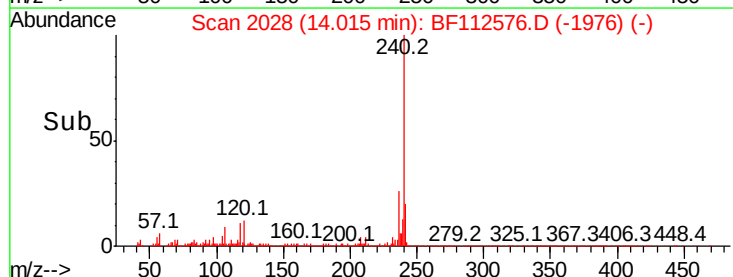
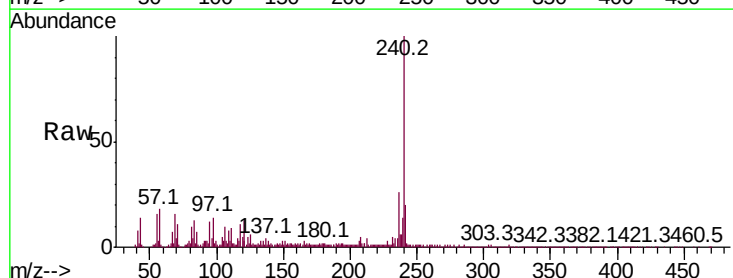
Tgt Ion:240 Resp: 219179

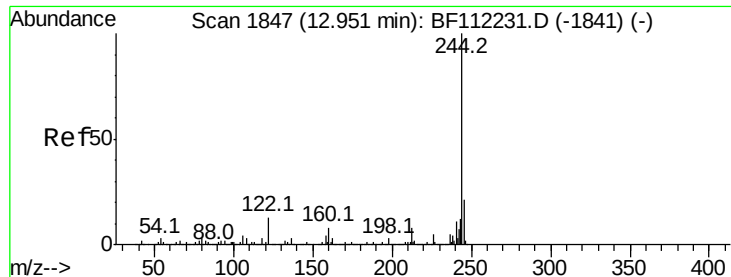
Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.6

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 12.395 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-B

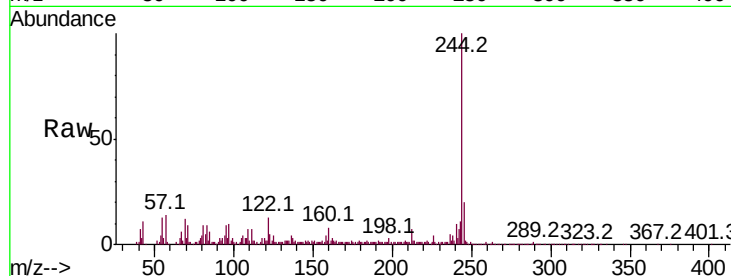
Tot Ion:244 Resp: 144237

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

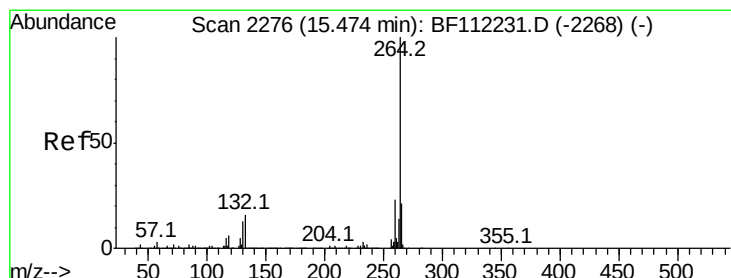
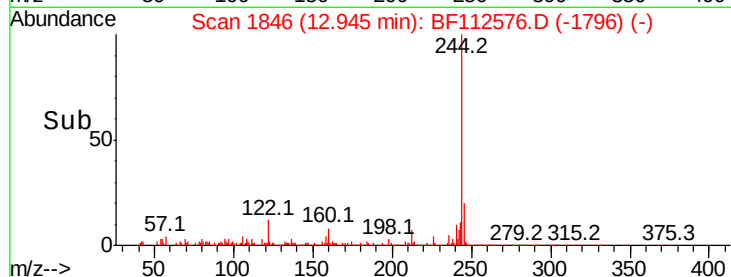
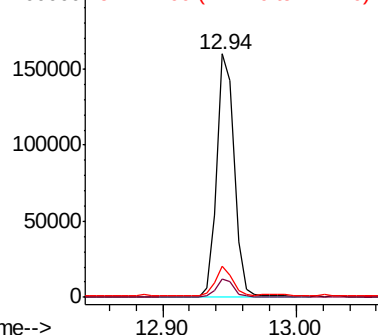
122 12.6 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112576.D

Acq: 14 Feb 2019 19:03

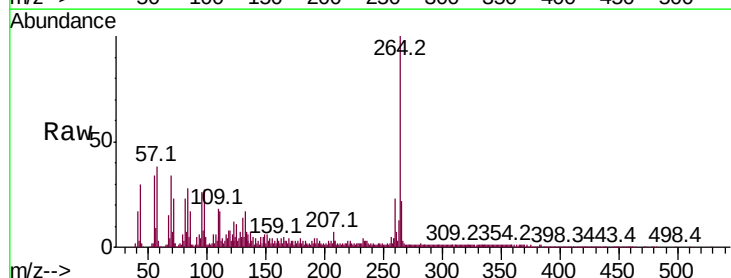
Tgt Ion:264 Resp: 162157

Ion Ratio Lower Upper

264 100

260 23.4 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

