

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112730.D
 Acq On : 27 Feb 2019 20:25
 Operator : JU/SJ
 Sample : K1350-13 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-022619-B

Quant Time: Feb 28 03:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

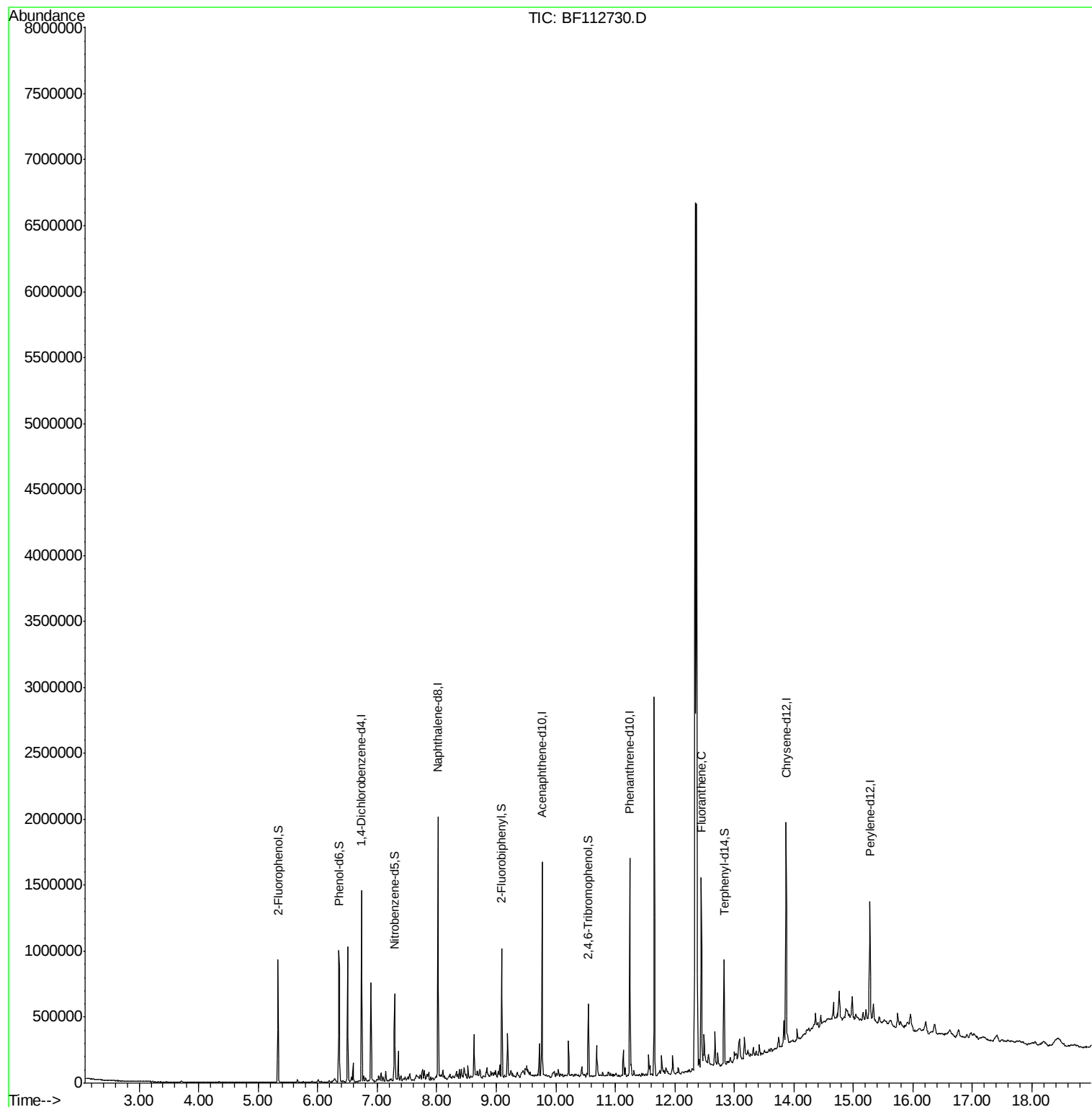
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189661	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	682144	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278096	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	530586	20.00	ng	0.00
76) Chrysene-d12	13.87	240	519426	20.00	ng	0.00
87) Perylene-d12	15.27	264	393971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	240709	19.74	ng	-0.01
7) Phenol-d6	6.36	99	310298	20.26	ng	-0.01
23) Nitrobenzene-d5	7.29	82	160529	14.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	56640	19.18	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	256456	3.13	ng	0.00
79) Terphenyl-d14	12.83	244	261210	9.75	ng	0.00
Target Compounds						
75) Fluoranthene	12.45	202	68864	2.435	ng	Qvalue 88

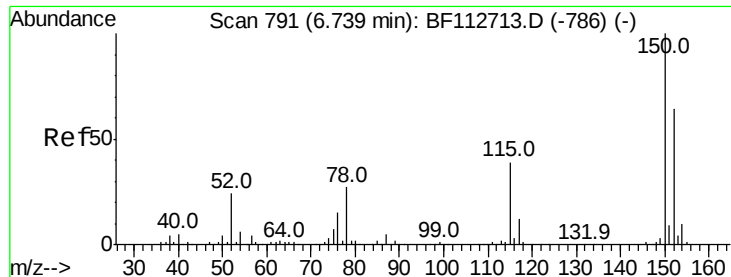
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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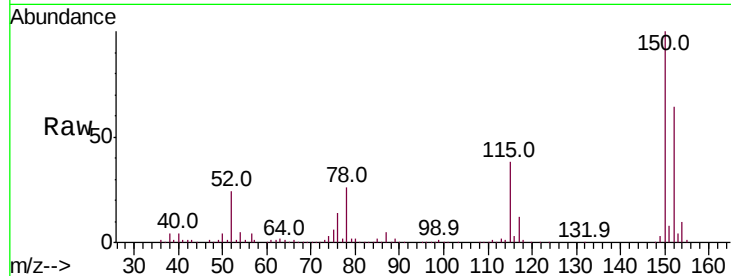


#1

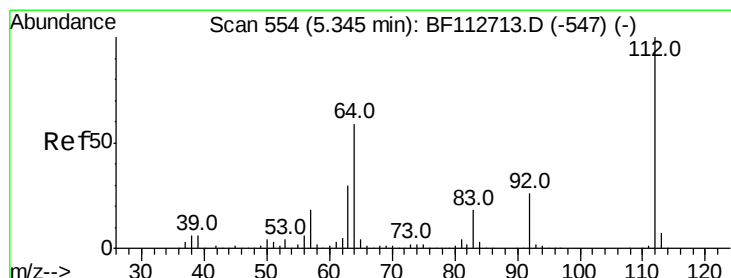
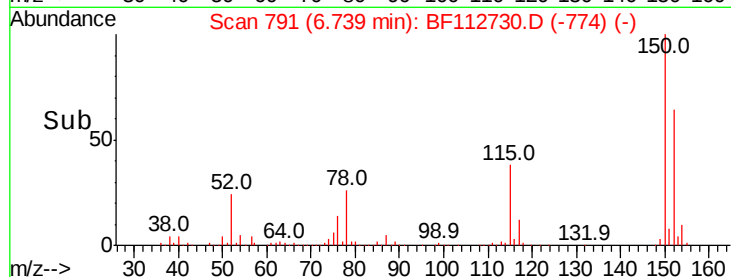
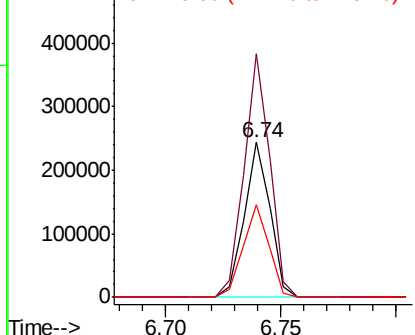
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-B

Tot Ion:152 Resp: 189661
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 59.3 48.2 72.4



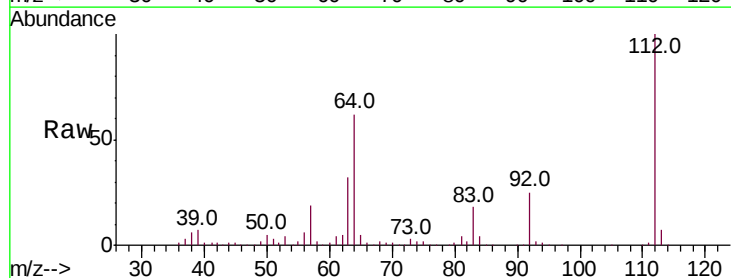
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



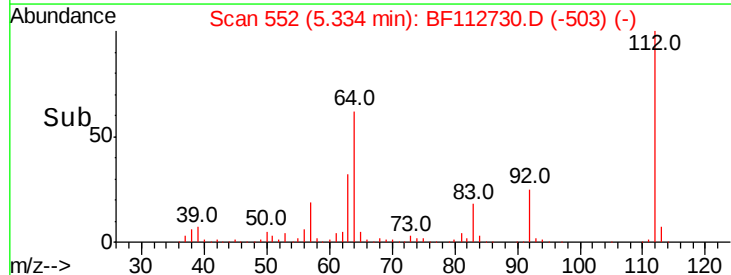
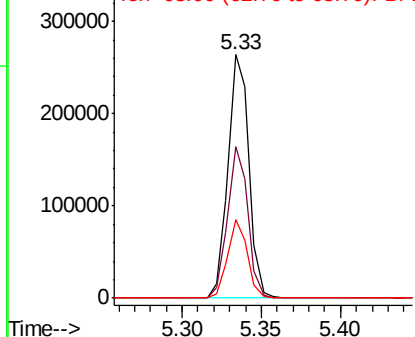
#5

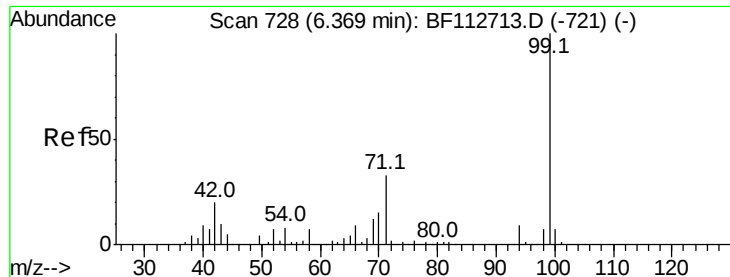
2-Fluorophenol
Concen: 19.742 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Tgt Ion:112 Resp: 240709
Ion Ratio Lower Upper
112 100
64 62.2 47.6 71.4
63 32.1 24.4 36.6



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: 20.260 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

Instrument :

BNA_F

ClientSampleId :

EO-01-022619-B

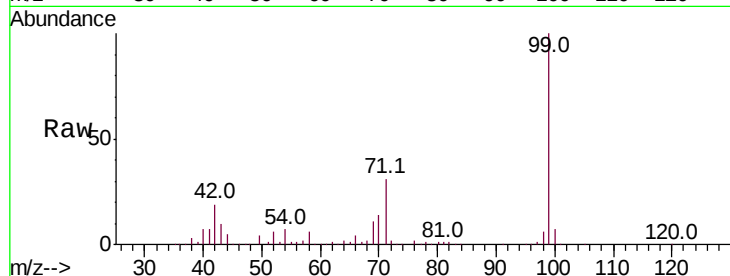
Tot Ion: 99 Resp: 310298

Ion Ratio Lower Upper

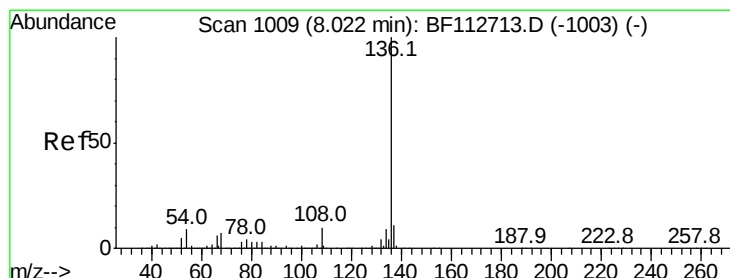
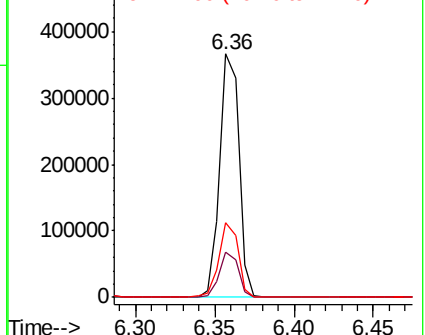
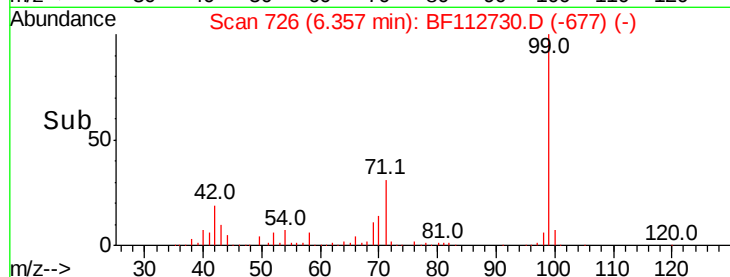
99 100

42 18.7 16.3 24.5

71 30.5 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

Tgt Ion: 136 Resp: 682144

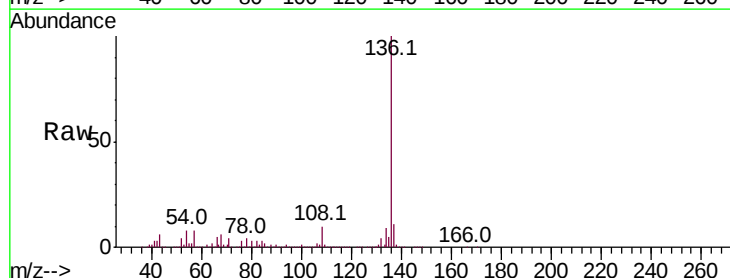
Ion Ratio Lower Upper

136 100

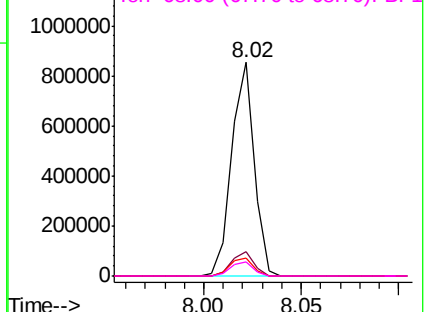
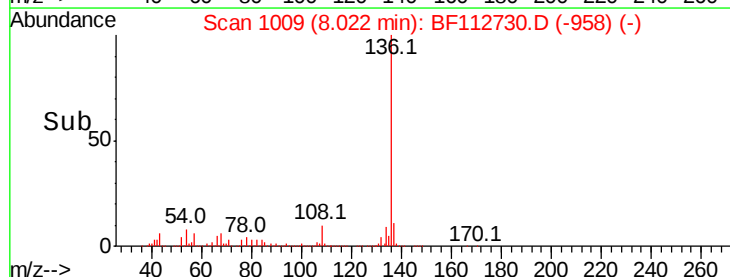
137 11.2 8.9 13.3

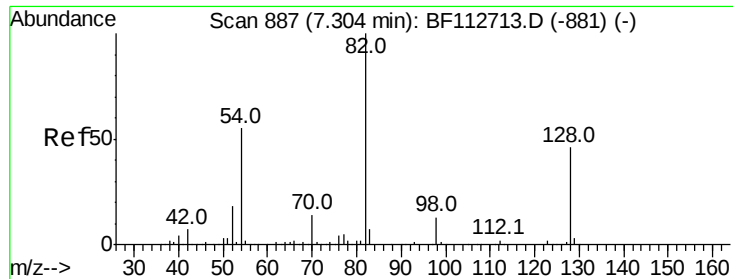
54 8.4 7.3 10.9

68 6.4 5.4 8.2



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

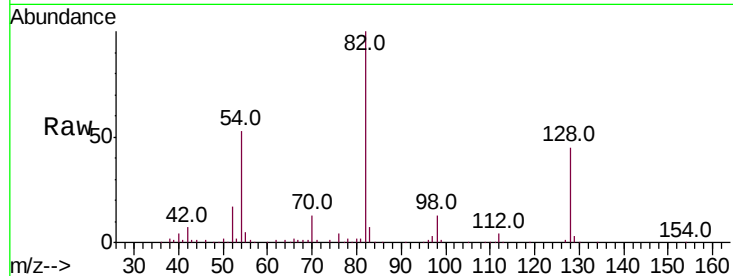




#23
Nitrobenzene-d5
Concen: 14.082 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	53.1	43.7	65.5

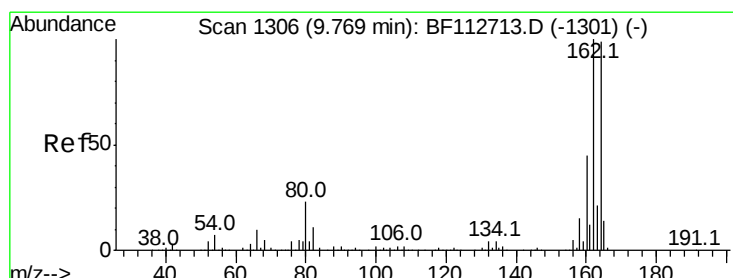
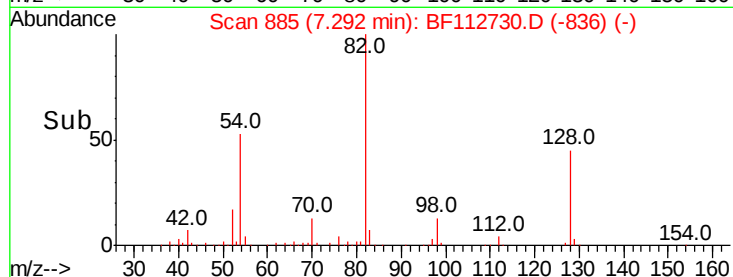
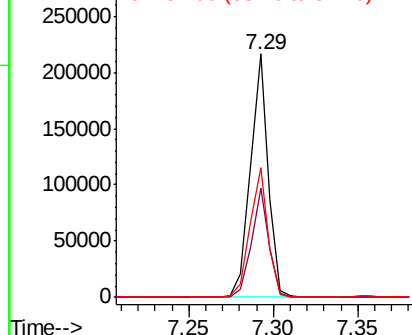


Abundance

Ion 82.00 (81.70 to 82.70): BF1

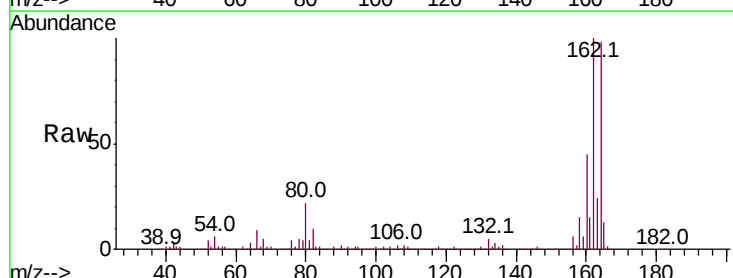
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.7	36.0	54.0

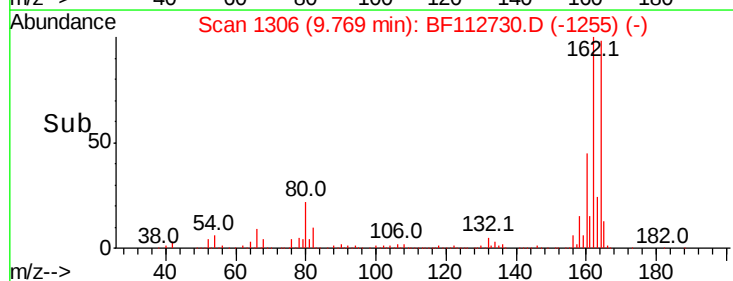
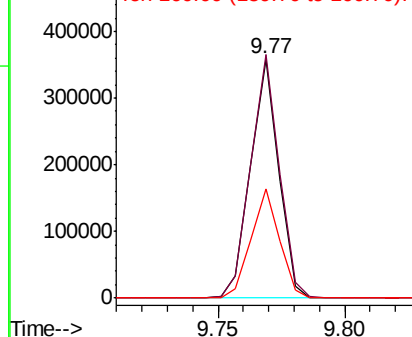


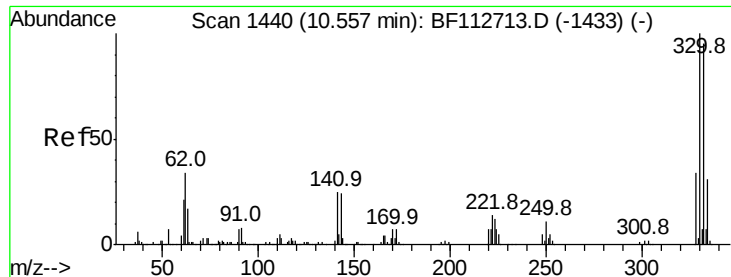
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 19.185 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

Instrument :

BNA_F

ClientSampleId :

EO-01-022619-B

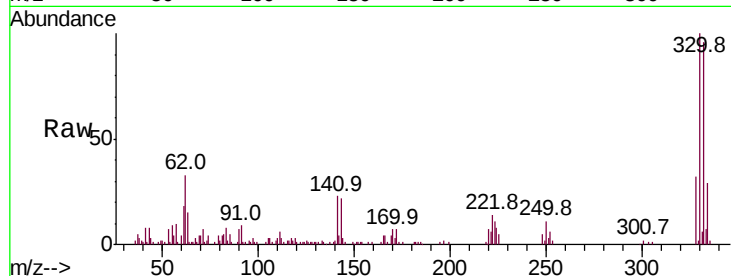
Tot Ion:330 Resp: 56640

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

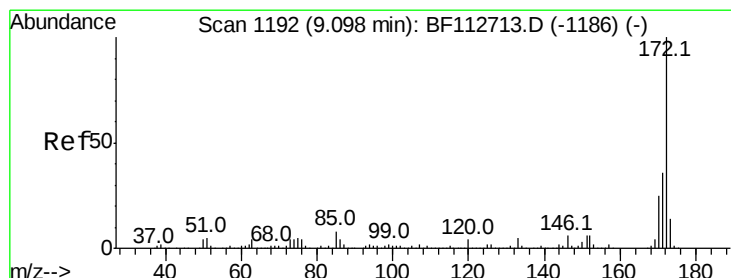
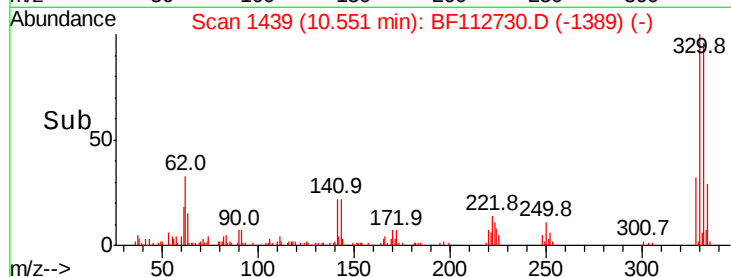
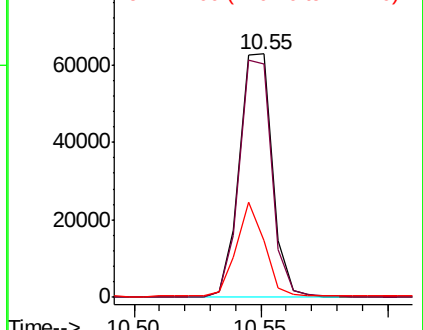
141 35.4 27.0 40.6



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: 3.125 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

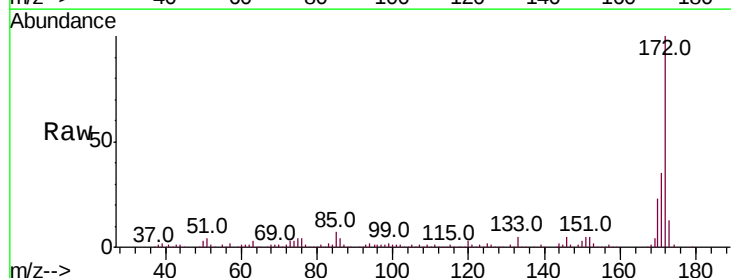
Tgt Ion:172 Resp: 256456

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.4

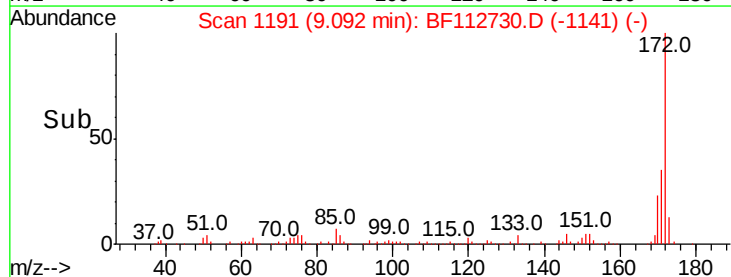
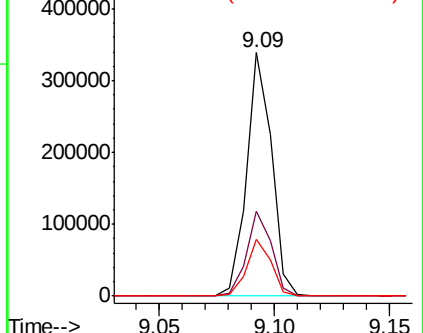
170 23.4 20.0 30.0

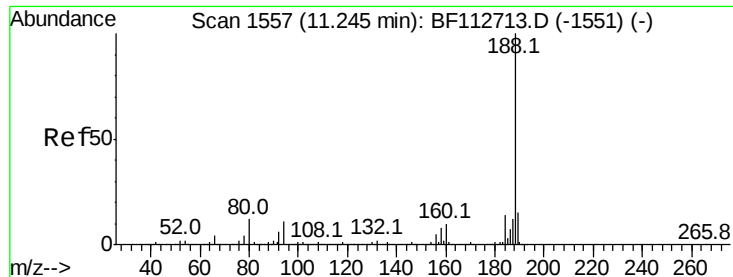


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

Instrument :

BNA_F

ClientSampleId :

EO-01-022619-B

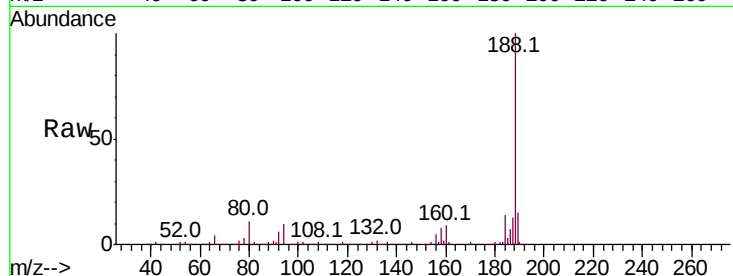
Tot Ion:188 Resp: 530586

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.4

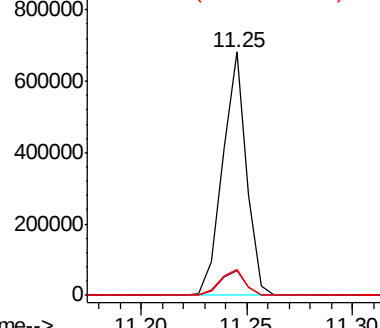
80 10.6 9.2 13.8



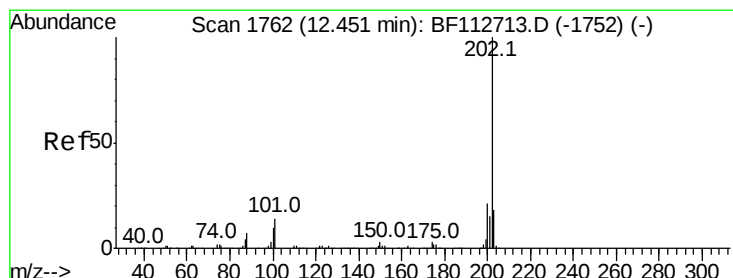
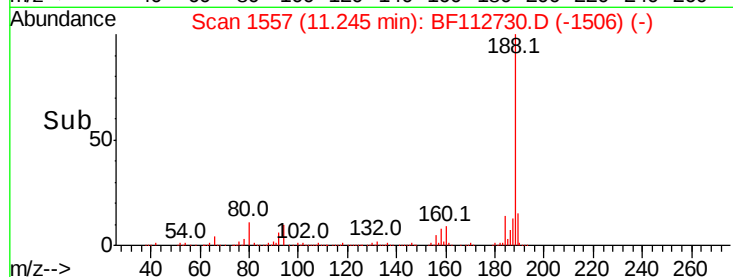
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Fluoranthene

Concen: 2.435 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112730.D

Acq: 27 Feb 2019 20:25

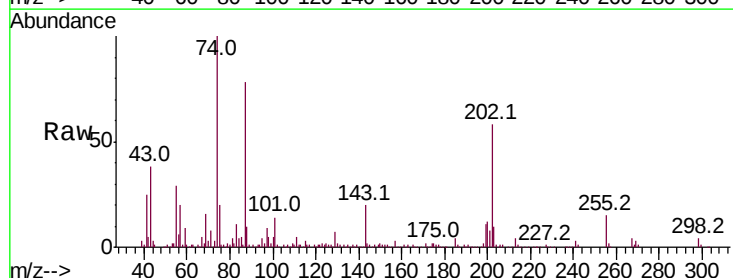
Tgt Ion:202 Resp: 68864

Ion Ratio Lower Upper

202 100

101 23.3 0.0 33.8

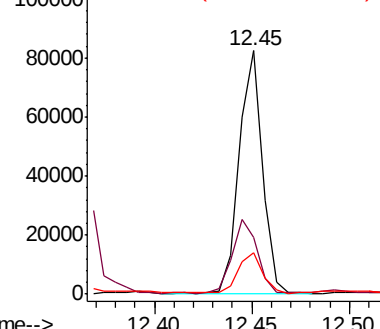
203 17.2 0.0 38.4



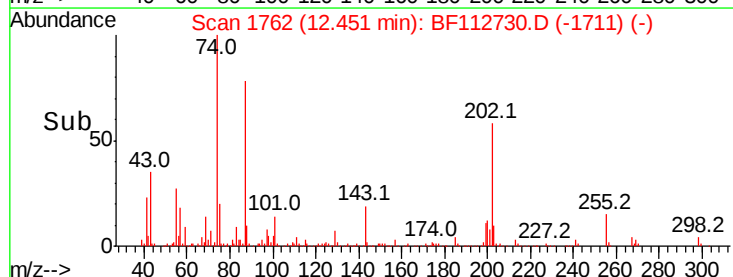
Abundance Ion 202.00 (201.70 to 202.70): E

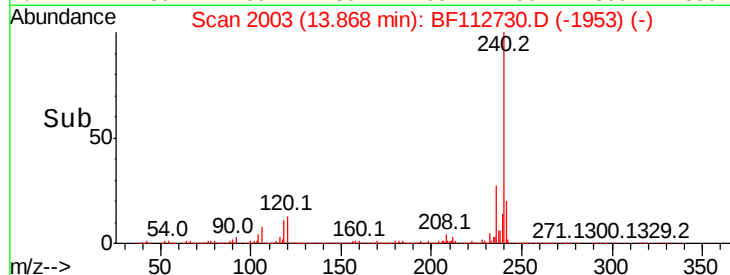
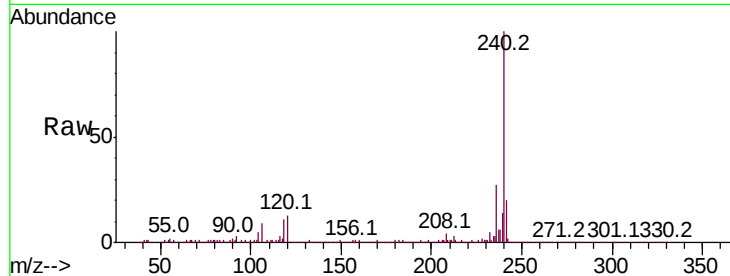
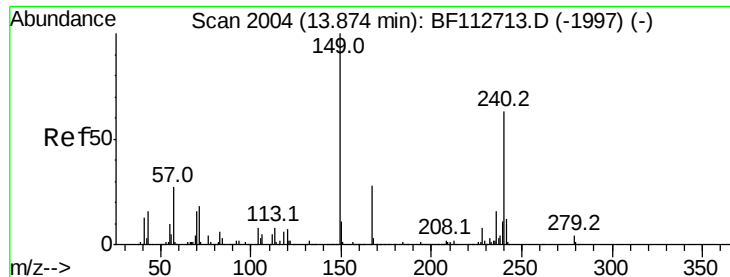
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

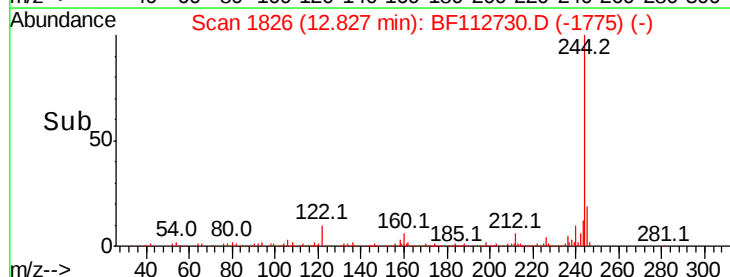
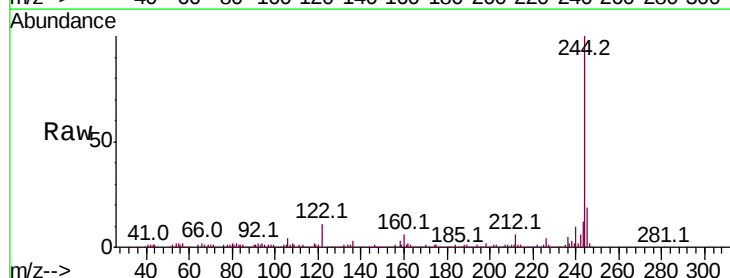
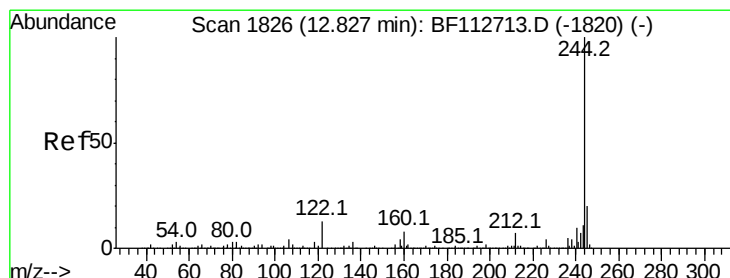
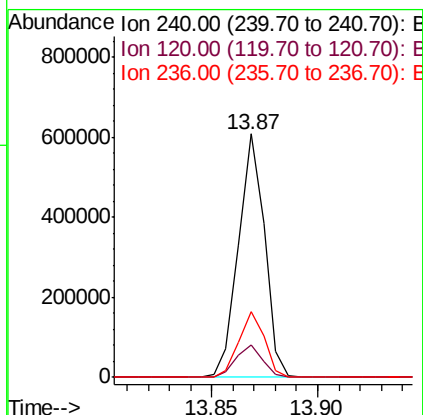




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

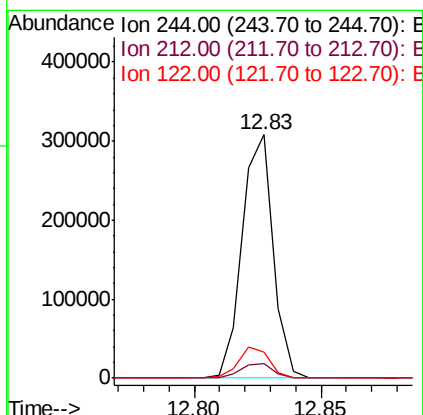
Instrument :
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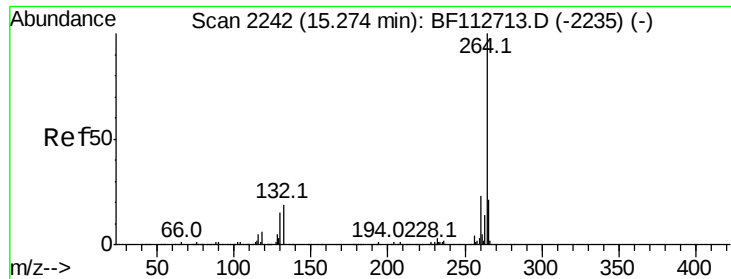
Tot Ion:240 Resp: 519426
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 26.9 20.7 31.1



#79
Terphenyl-d14
Concen: 9.748 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Tgt Ion:244 Resp: 261210
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 10.5 10.5 15.7

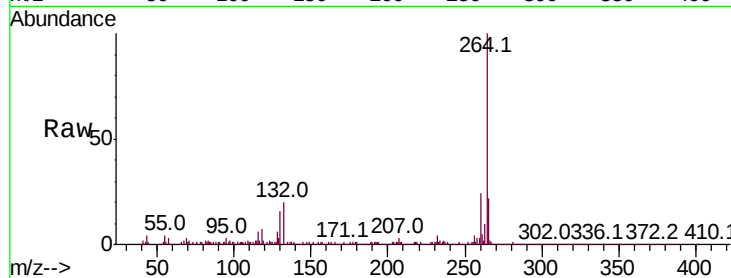




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112730.D
Acq: 27 Feb 2019 20:25

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-B

Tot Ion:	264	Resp:	393971
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.6	17.2	25.8



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

