

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105095.D
 Acq On : 4 May 2018 1:27
 Operator : JU/SJ
 Sample : J2626-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE--MX-4(75-77)

Quant Time: May 04 03:58:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

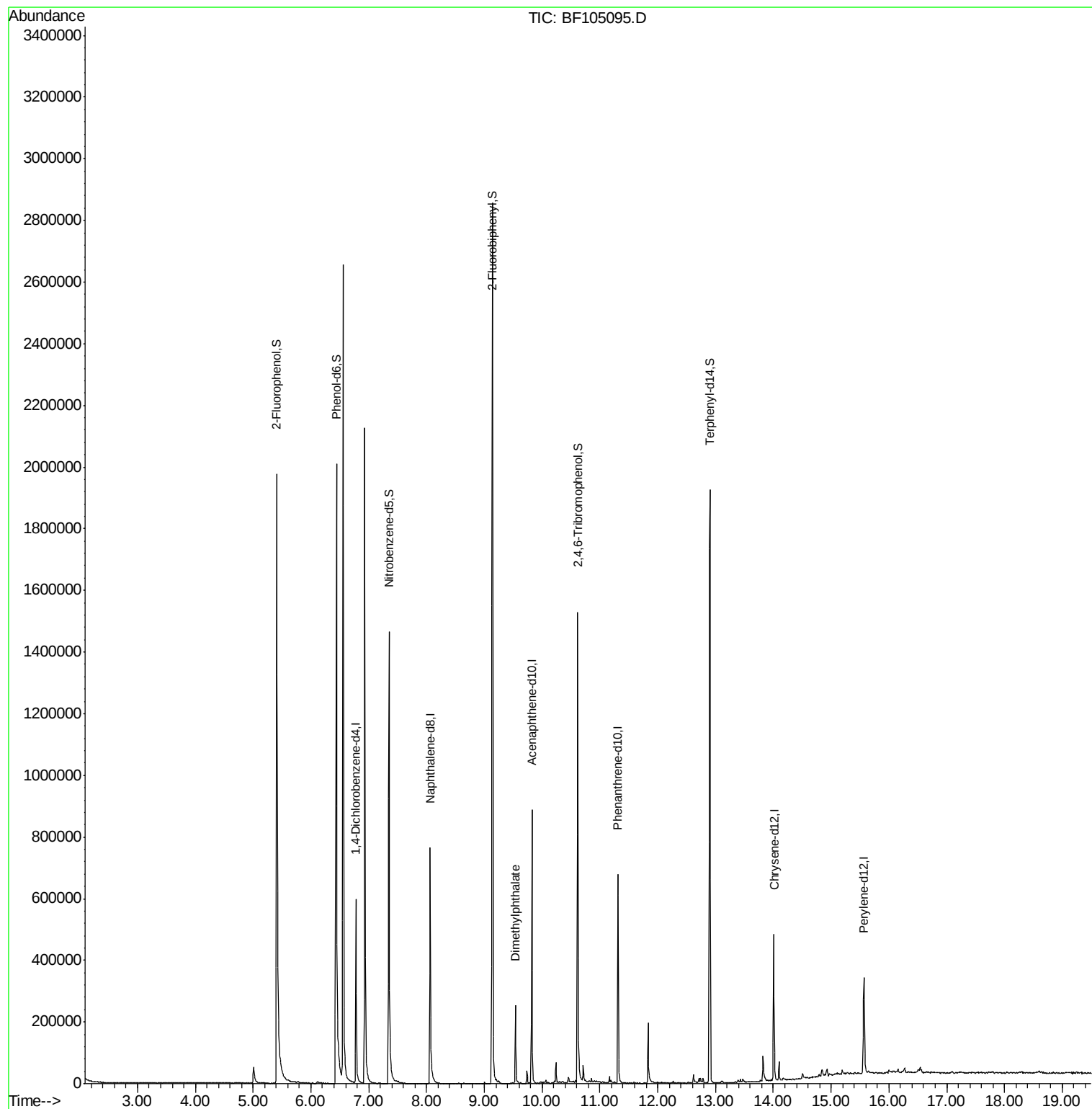
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	108252	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	436291	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	185683	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	287531	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	183440	20.00	ng	-0.02
86) Perylene-d12	15.57	264	142594	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	869214	122.78	ng	0.00
7) Phenol-d6	6.44	99	1036493	119.16	ng	0.00
23) Nitrobenzene-d5	7.35	82	609823	91.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	224360	116.48	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	997117	84.83	ng	-0.02
78) Terphenyl-d14	12.90	244	691782	85.98	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	129471	8.842	ng	100

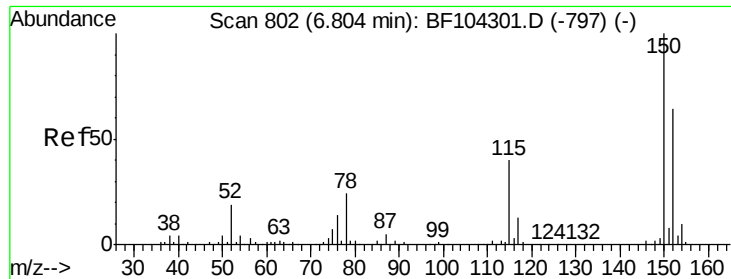
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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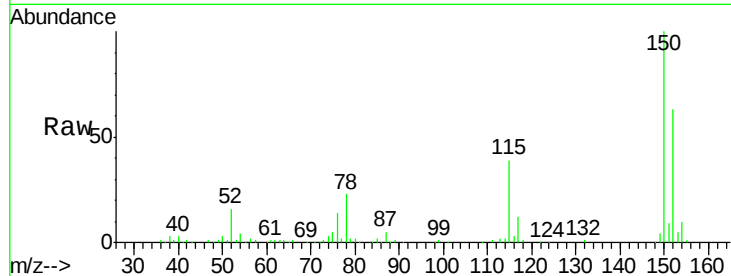


#1

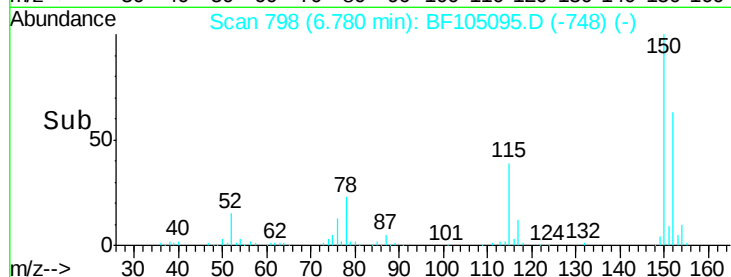
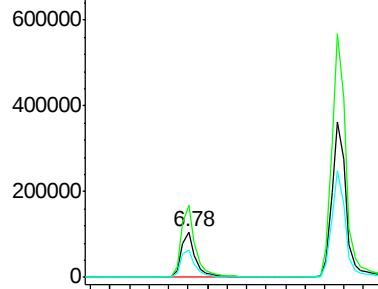
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Instrument :
BNA_F
ClientSampleId :
EPE--MX-4(75-77)

Tot Ion:152 Resp: 108252
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.5 50.1 75.1



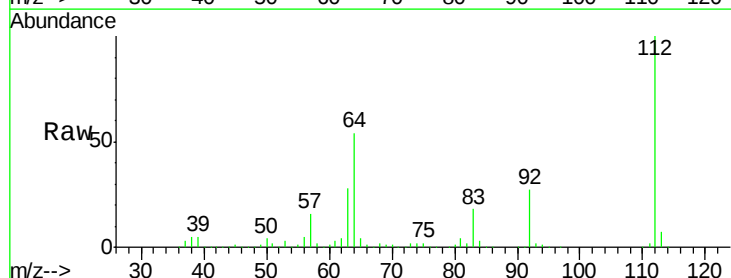
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



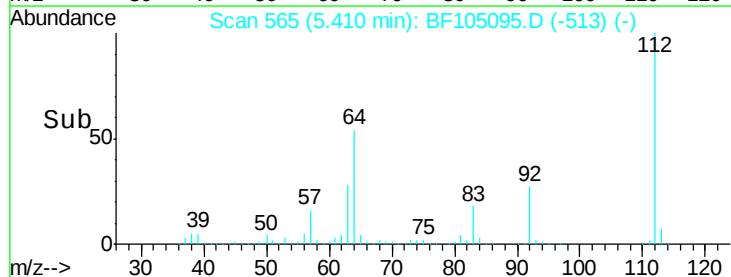
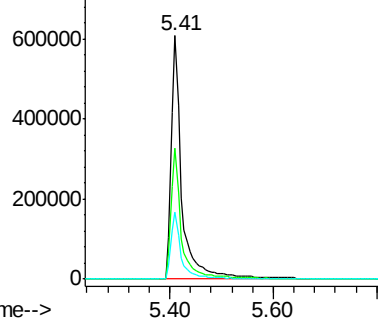
#5

2-Fluorophenol
Concen: 122.776 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion:112 Resp: 869214
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.5 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: 119.156 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Instrument :

BNA_F

ClientSampleId :

EPE--MX-4(75-77)

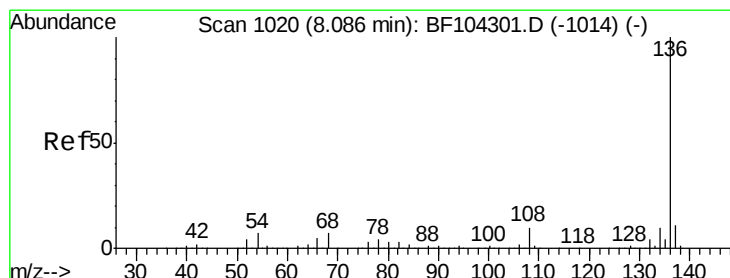
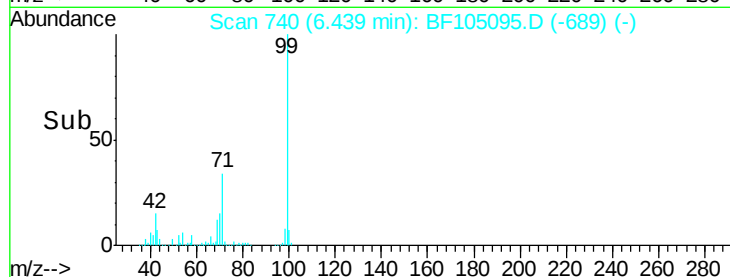
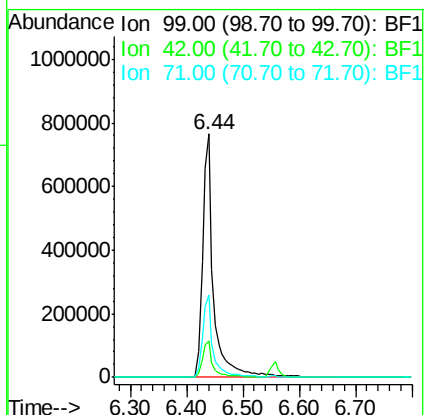
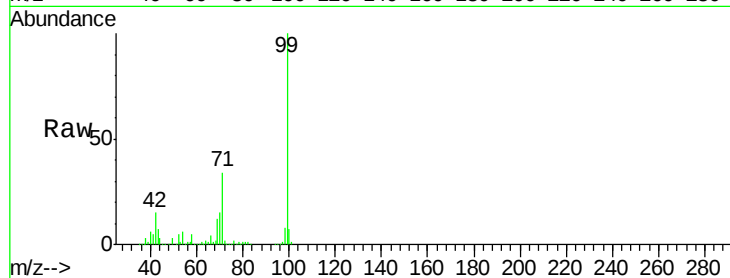
Tot Ion: 99 Resp: 1036493

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 33.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Tgt Ion: 136 Resp: 436291

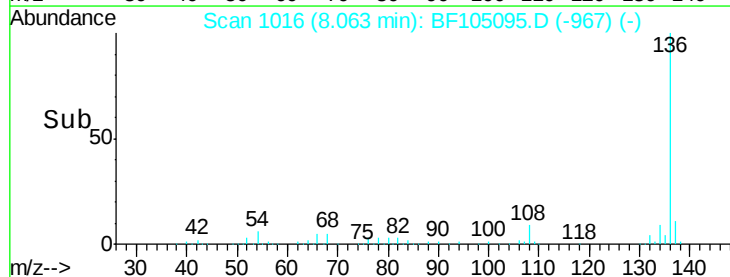
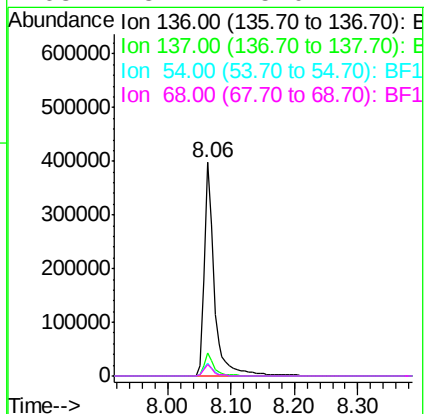
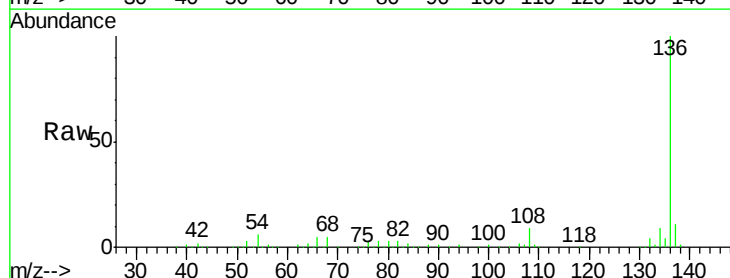
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

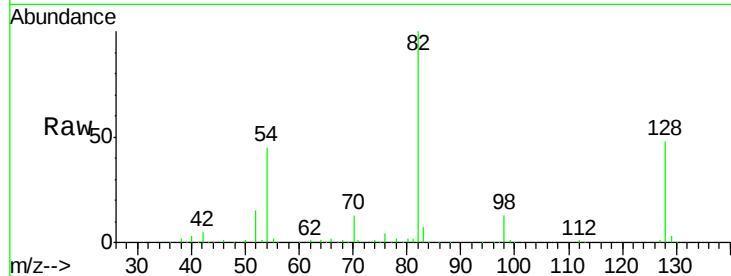




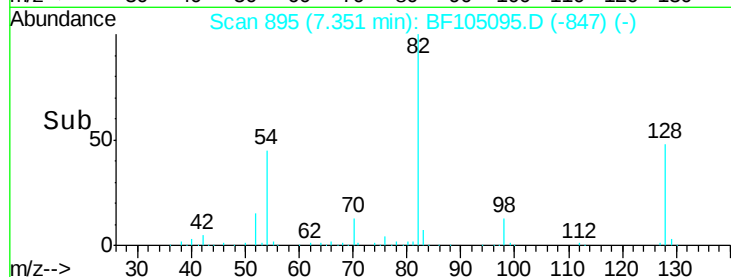
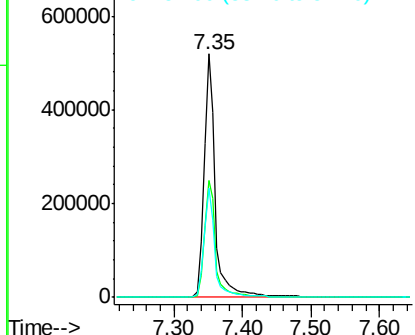
#23
Nitrobenzene-d5
Concen: 91.270 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Instrument :
BNA_F
ClientSampleId :
EPE--MX-4(75-77)

Tot Ion	82	Resp	609823
Ion Ratio	100	Lower	Upper
128	48.2	36.1	54.1
54	44.9	41.4	62.2

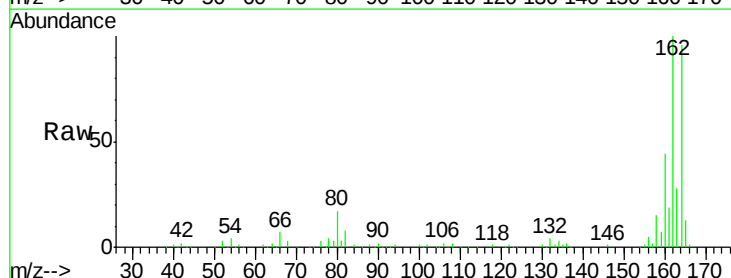


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

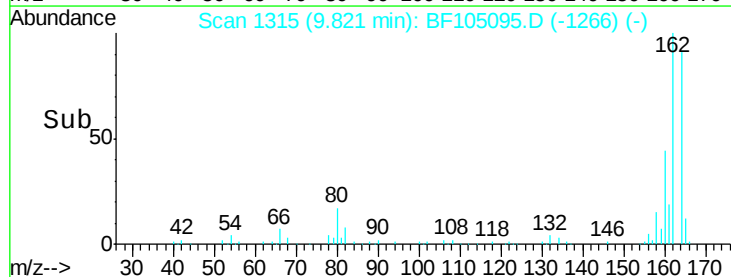
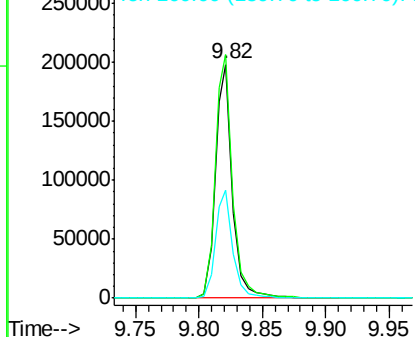


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion	164	Resp	185683
Ion Ratio	100	Lower	Upper
162	104.1	86.1	129.1
160	46.1	38.3	57.5



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

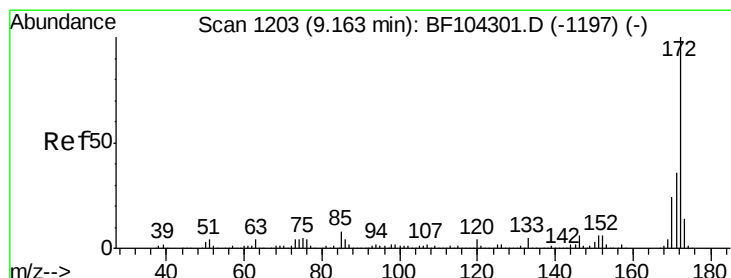
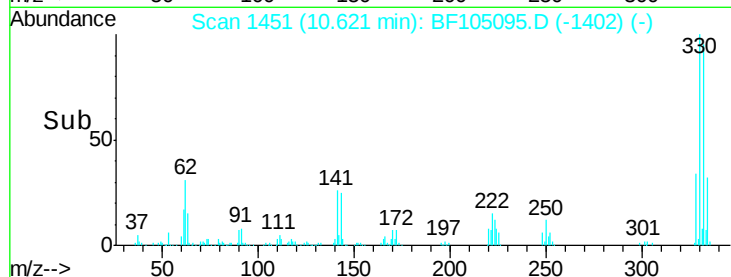
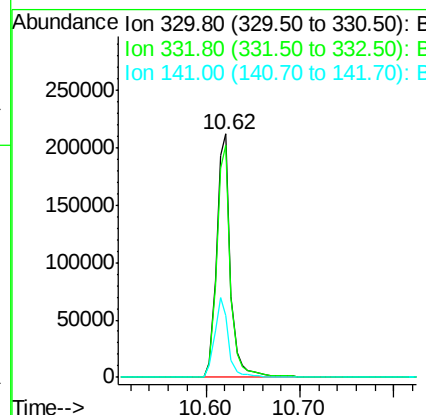
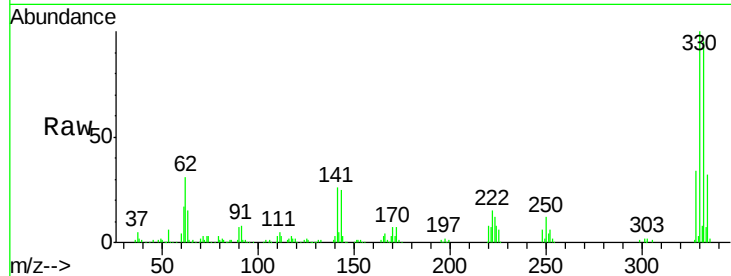




#41
 2,4,6-Tribromophenol
 Concen: 116.482 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

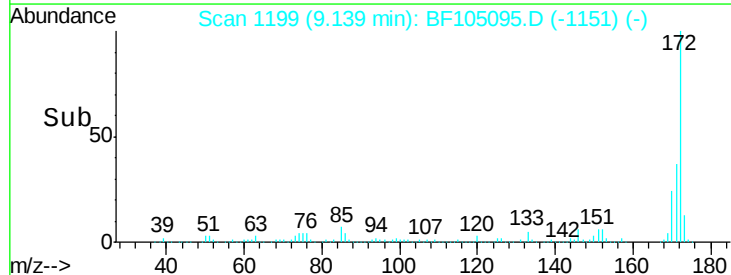
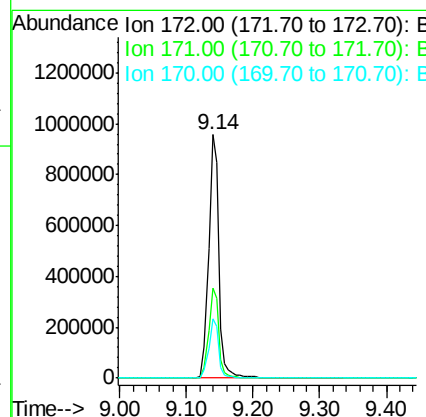
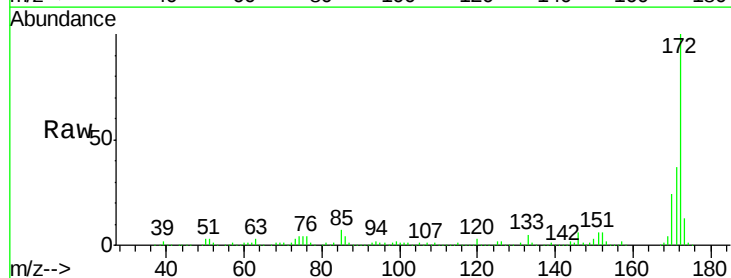
Instrument :
 BNA_F
 ClientSampleId :
 EPE--MX-4(75-77)

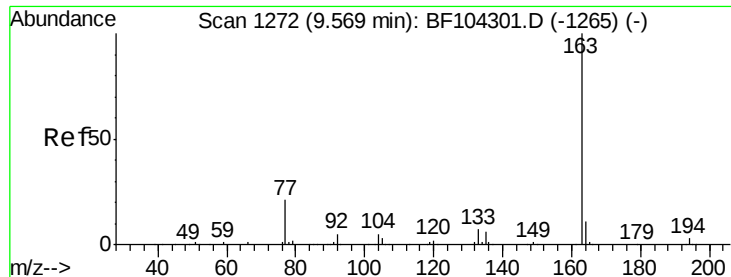
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.833 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.3	19.6	29.4

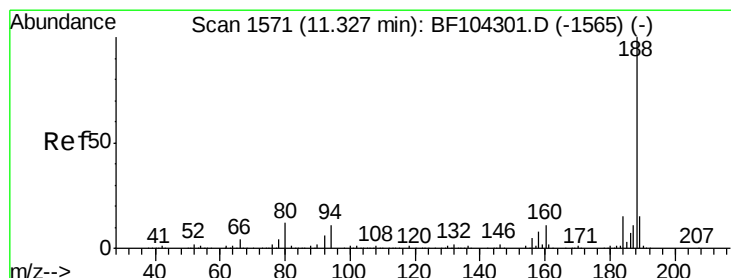
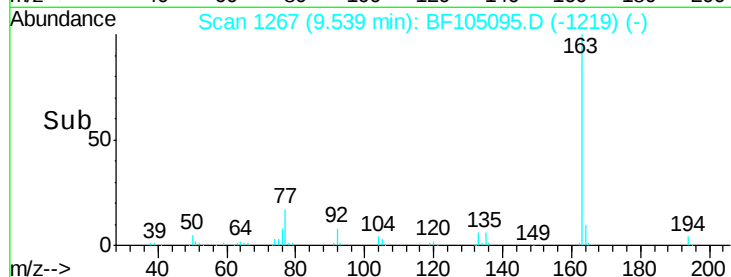
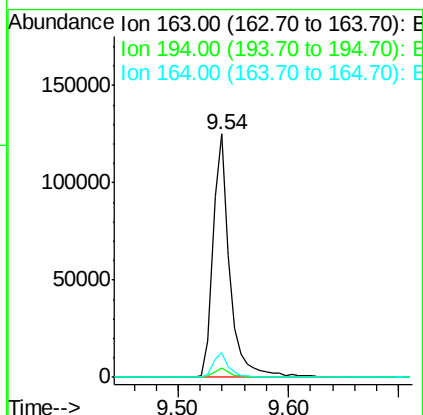
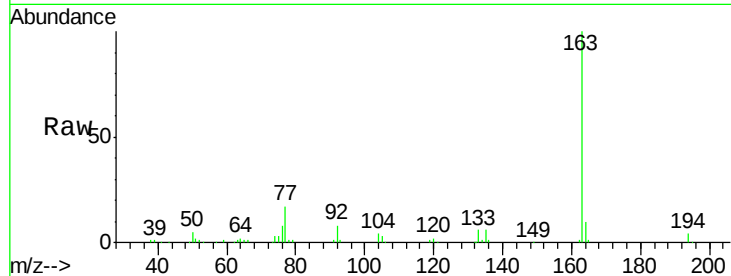




#49
Dimethylphthalate
Concen: 8.842 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

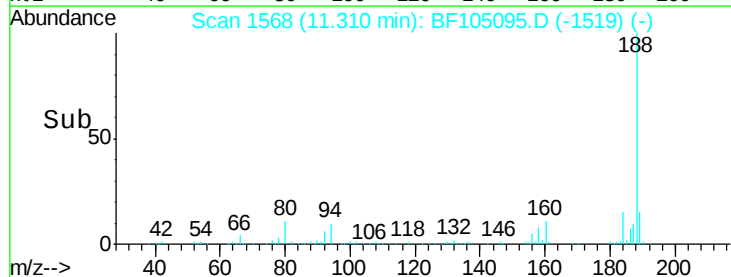
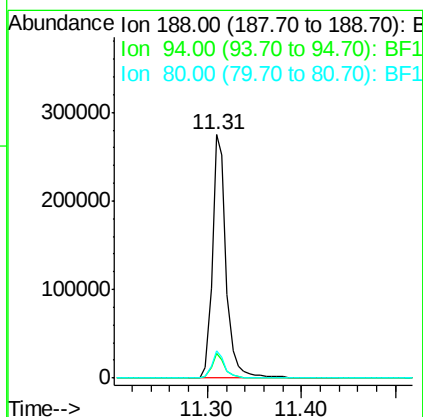
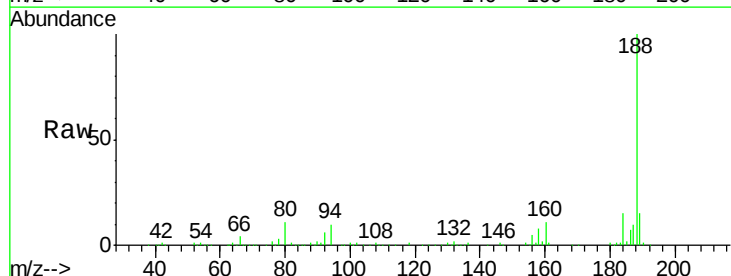
Instrument :
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ClientSampleId :
EPE--MX-4(75-77)

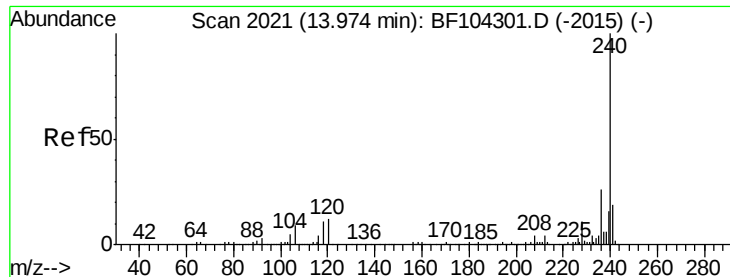
Tot Ion:163 Resp: 129471
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion:188 Resp: 287531
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Instrument :

BNA_F

ClientSampleId :

EPE--MX-4(75-77)

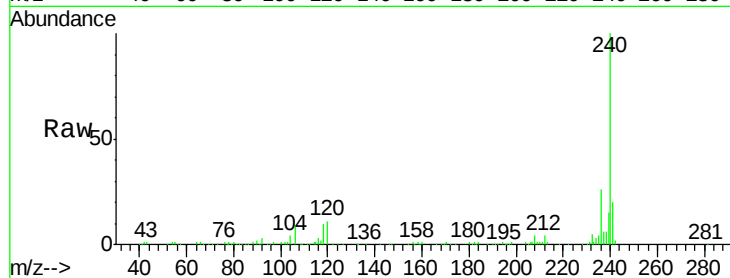
Tot Ion:240 Resp: 183440

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

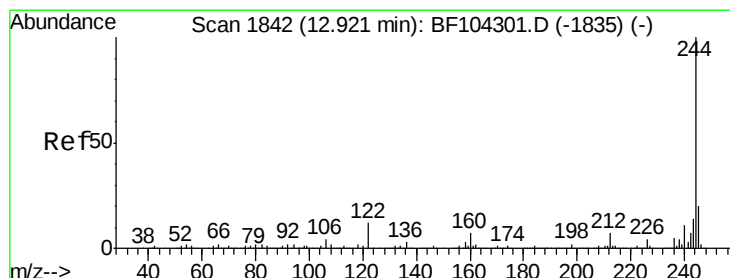
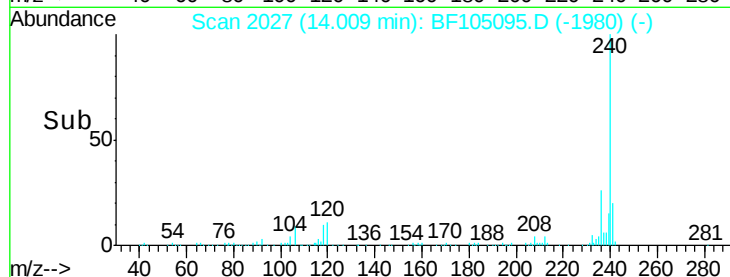
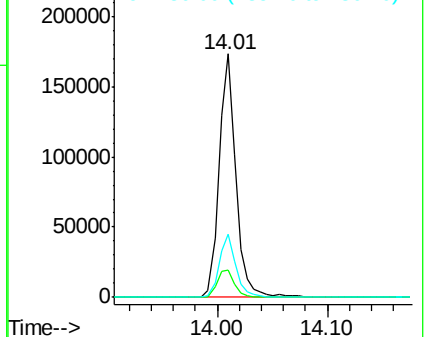
236 25.7 20.7 31.1



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: 85.976 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

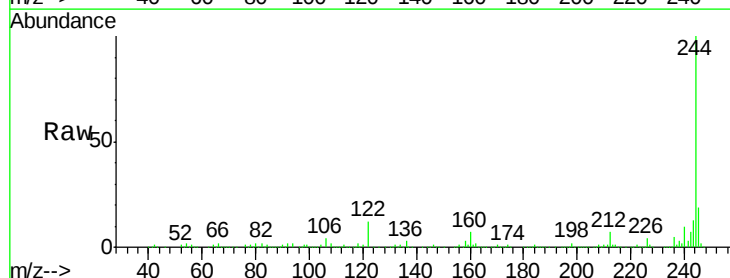
Tgt Ion:244 Resp: 691782

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

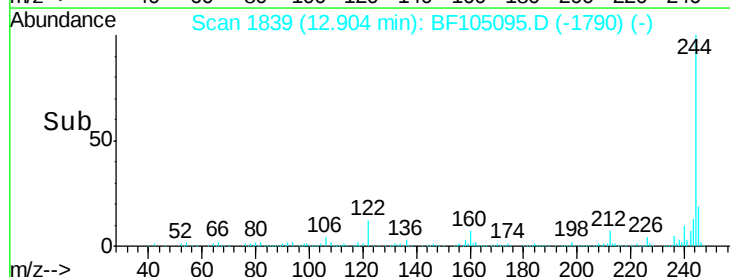
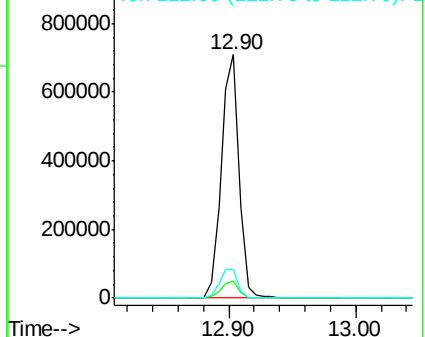
122 11.5 11.0 16.4

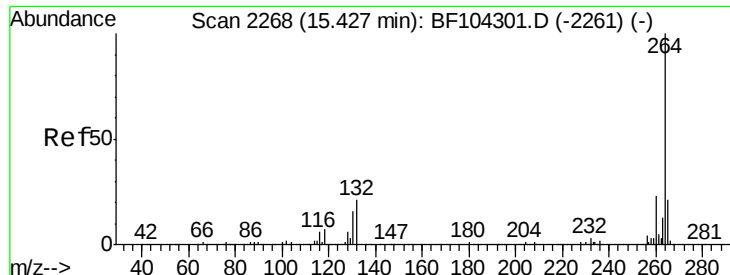


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

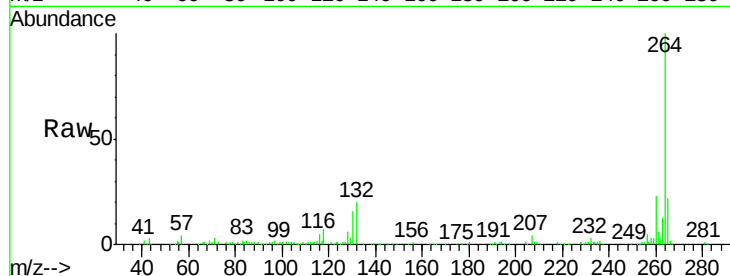




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :
 EPE--MX-4(75-77)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	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

