

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104995.D
 Acq On : 1 May 2018 20:20
 Operator : JU/SJ
 Sample : J2626-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(100-102)

Quant Time: May 02 06:53:55 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

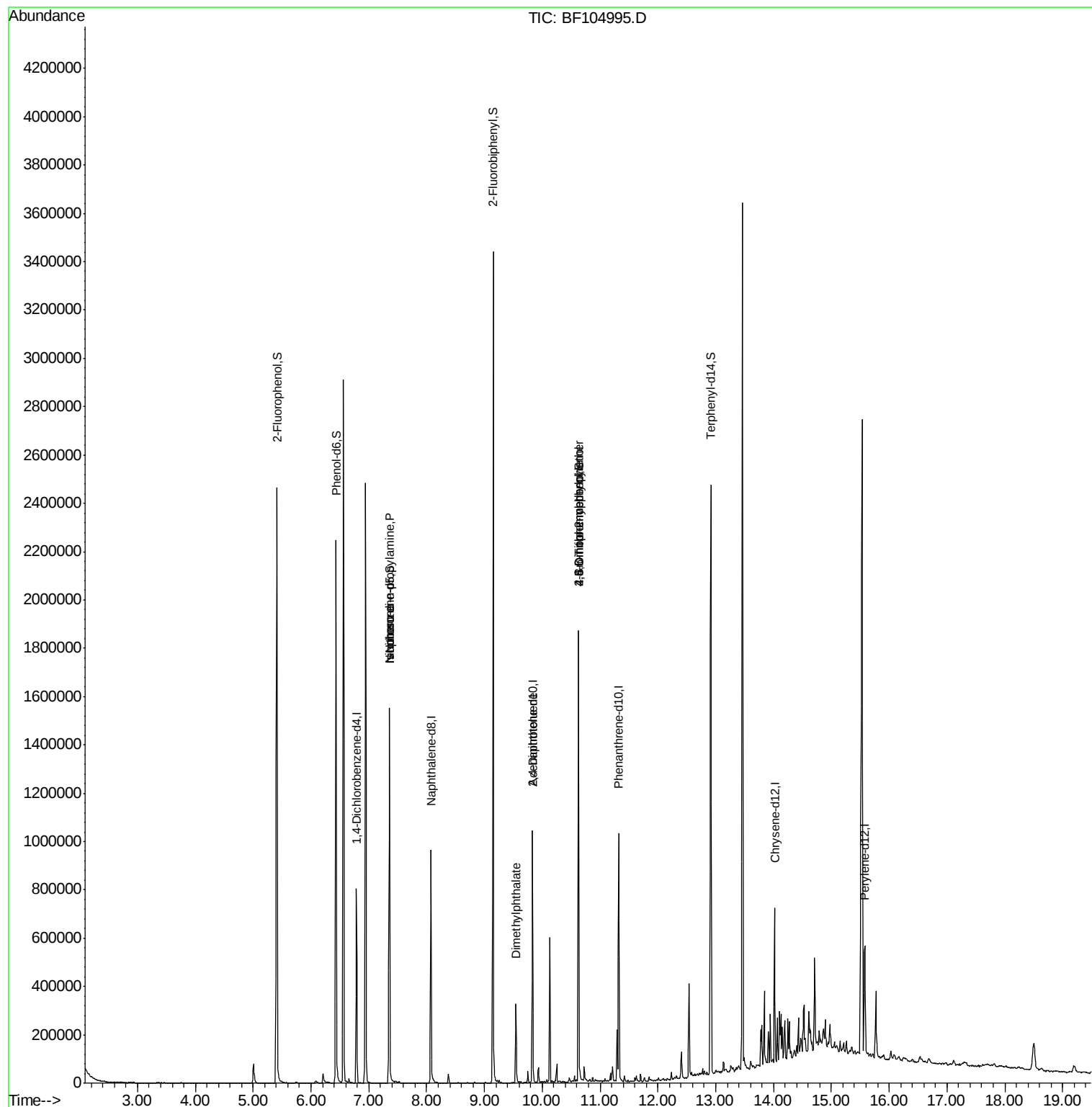
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112255	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	476002	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218864	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	359620	20.00	ng	0.00
75) Chrysene-d12	14.02	240	234016	20.00	ng	0.05
86) Perylene-d12	15.58	264	206222	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	820050	111.70	ng	0.00
7) Phenol-d6	6.43	99	1022915	113.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	630573	86.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	249067	109.70	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1062971	76.72	ng	0.00
78) Terphenyl-d14	12.92	244	826628	80.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80562	13.668	ng	Qvalue
25) Isophorone	7.36	82	630569	40.906	ng	# 74
49) Dimethylphthalate	9.55	163	136995	7.938	ng	# 100
56) 2,4-Dinitrotoluene	9.83	165	27283	6.513	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.63	198	546	7.611	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15208	3.976	ng	# 1
76) Benzydine	12.92	184	10919	Below Cal		# 95

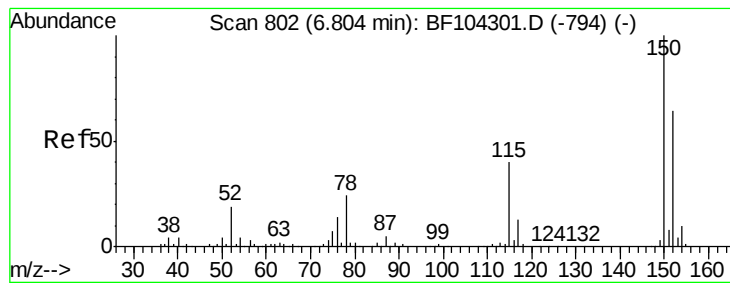
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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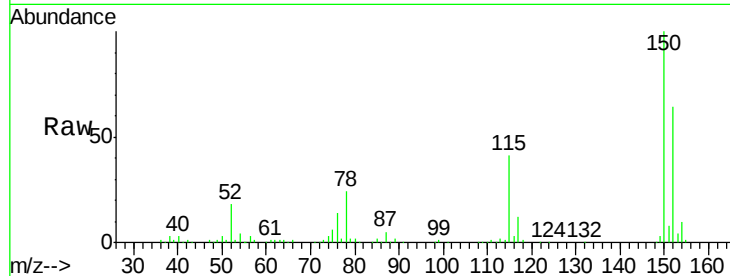


#1

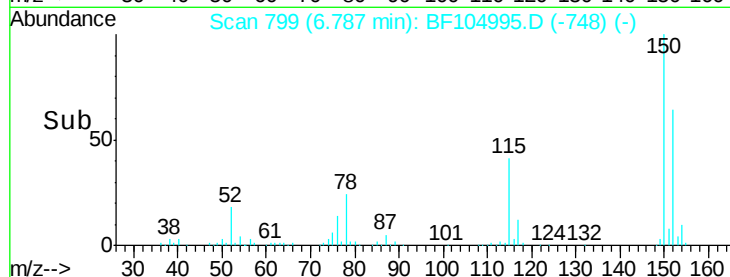
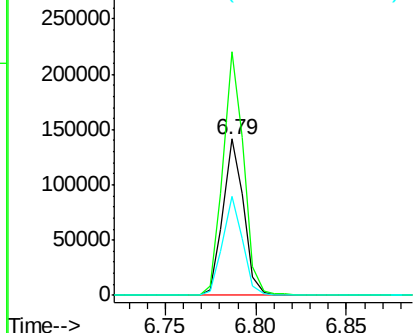
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(100-102)

Tgt Ion:152 Resp: 112255
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 63.4 50.1 75.1



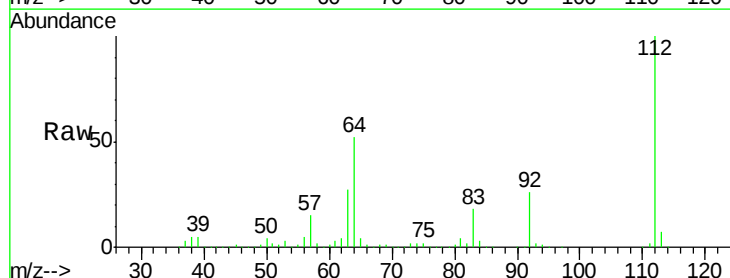
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



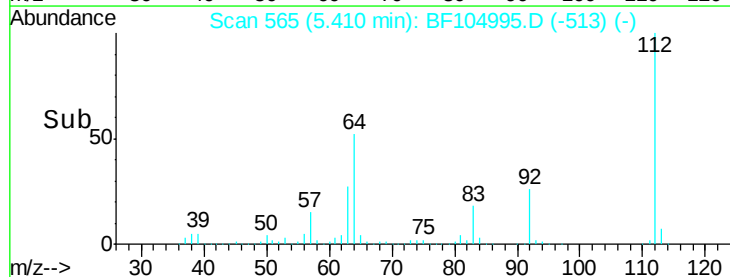
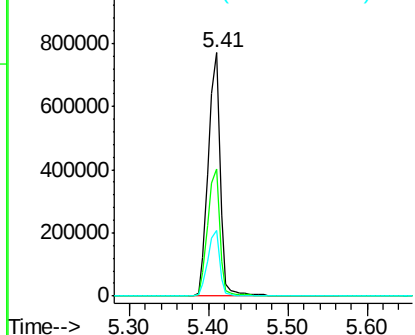
#5

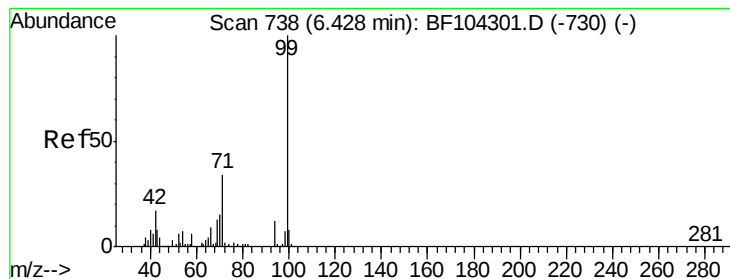
2-Fluorophenol
Concen: 111.701 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Tgt Ion:112 Resp: 820050
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 26.9 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: 113.402 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

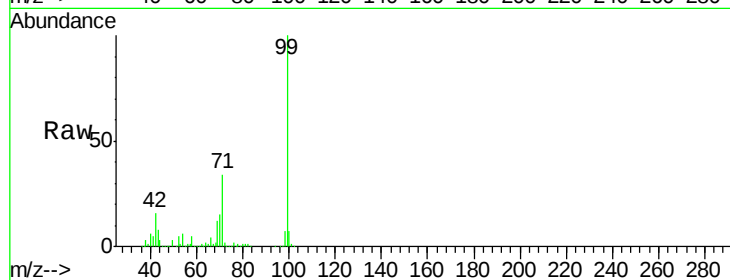
Tgt Ion: 99 Resp: 1022915

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

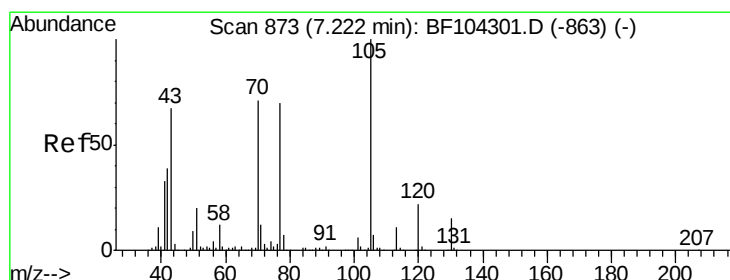
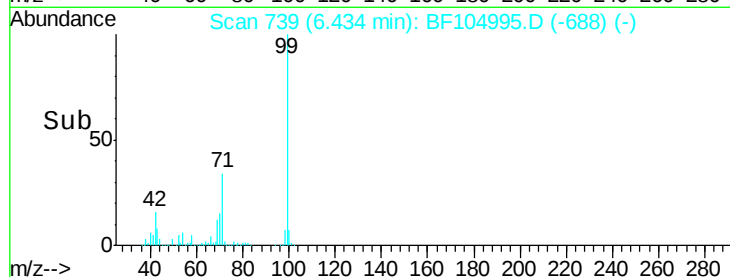
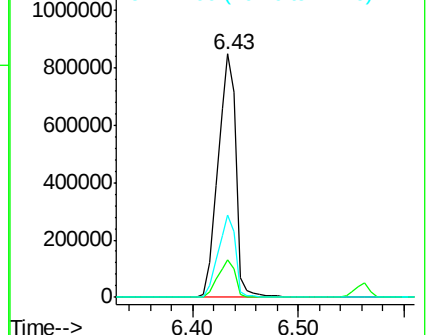
71 33.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.668 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Tgt Ion: 70 Resp: 80562

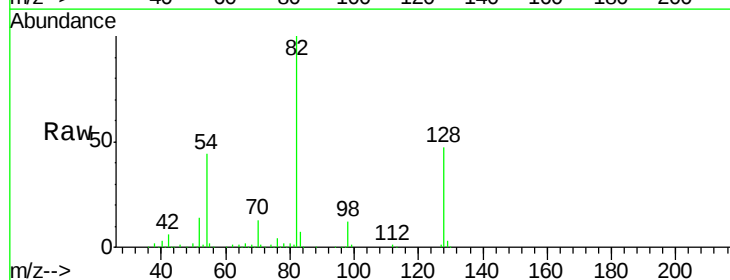
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

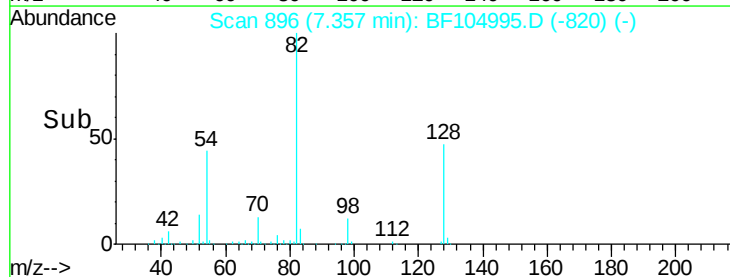
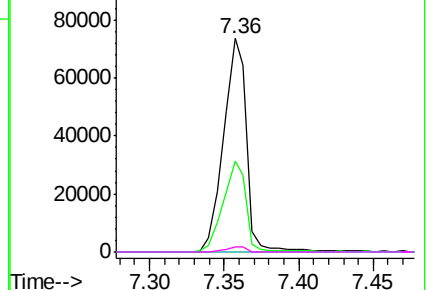


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

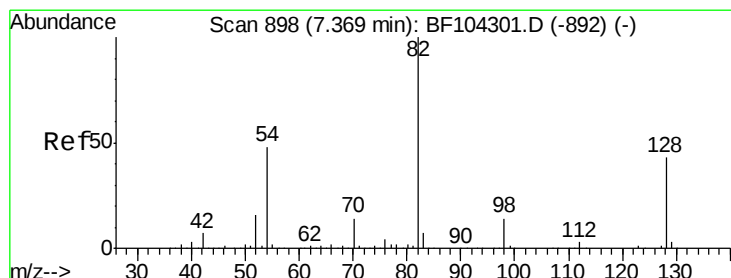
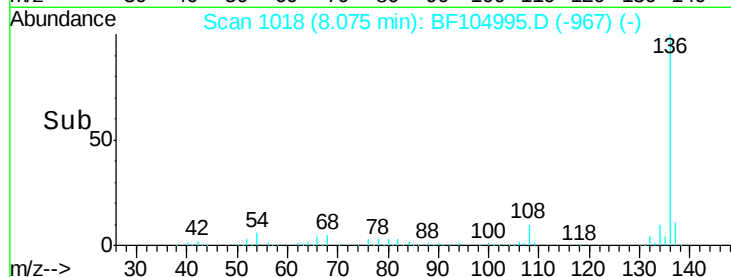
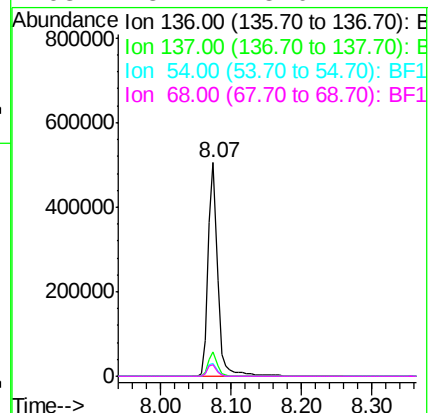
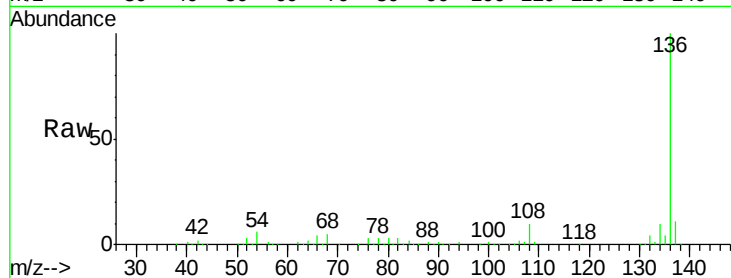




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

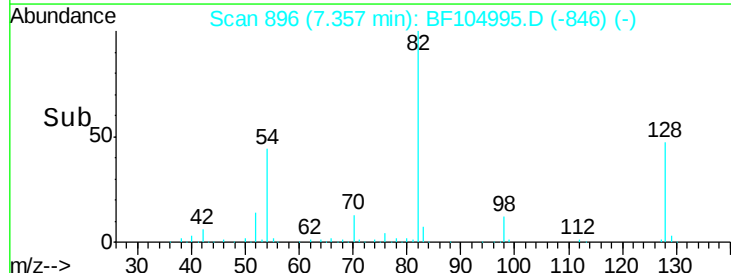
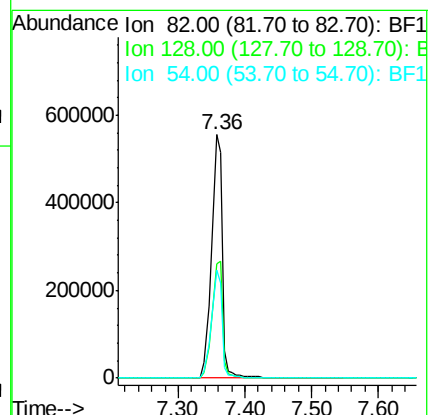
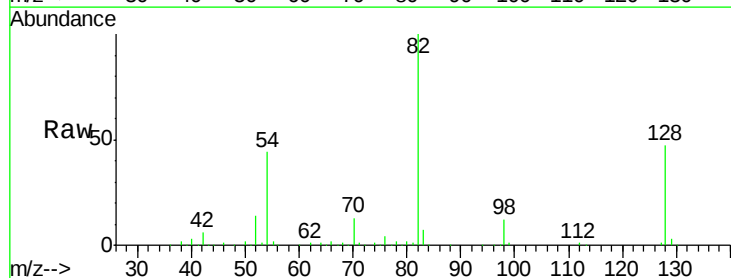
Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(100-102)

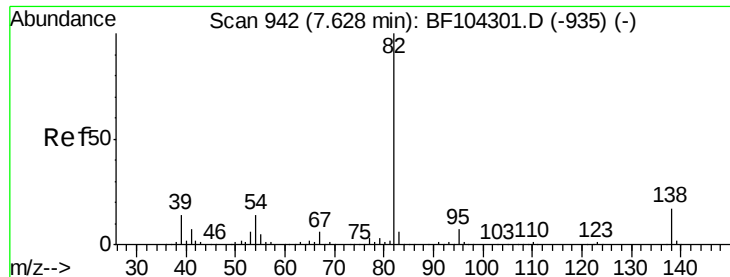
Tgt Ion:	136	Resp:	476002
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.8	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.502 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Tgt Ion:	82	Resp:	630573
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	44.2	41.4	62.2





#25

Isophorone

Concen: 40.906 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

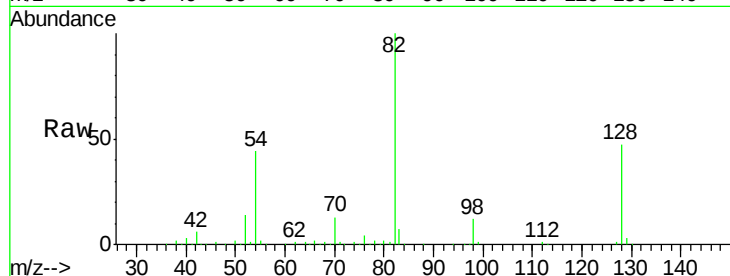
Tgt Ion: 82 Resp: 630569

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

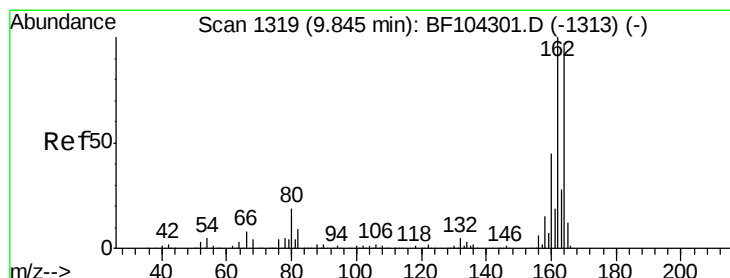
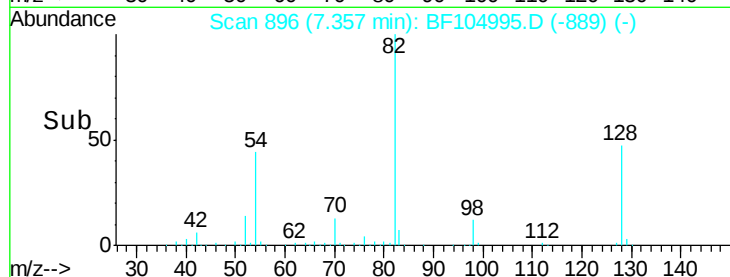
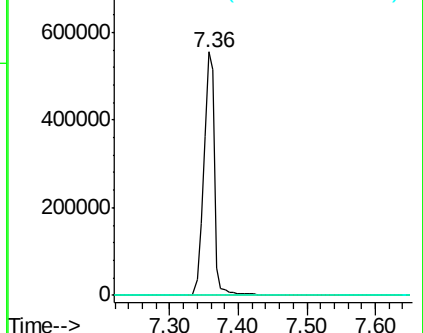
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

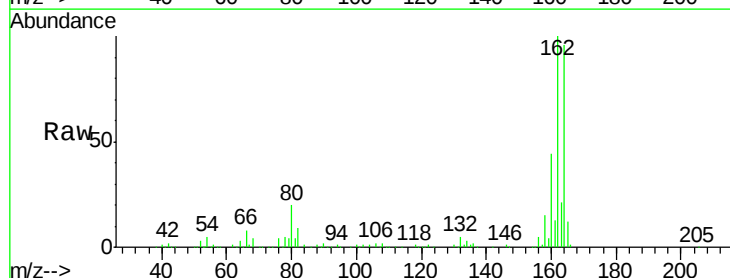
Tgt Ion: 164 Resp: 218864

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

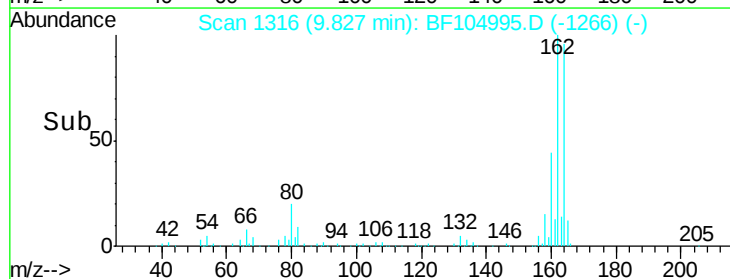
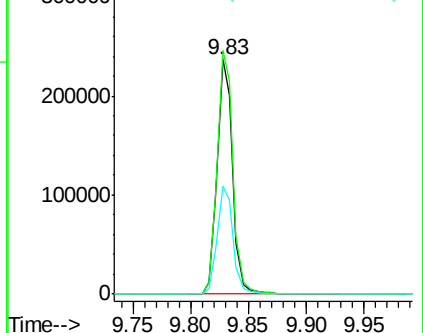
160 46.0 38.3 57.5



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

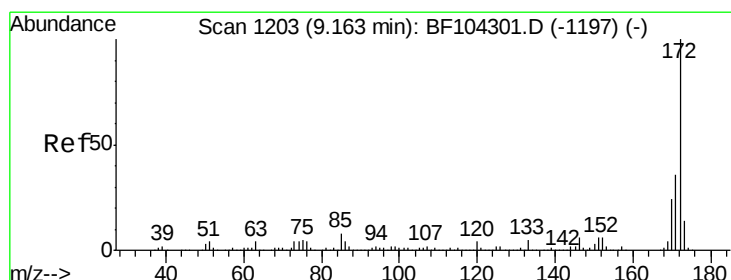
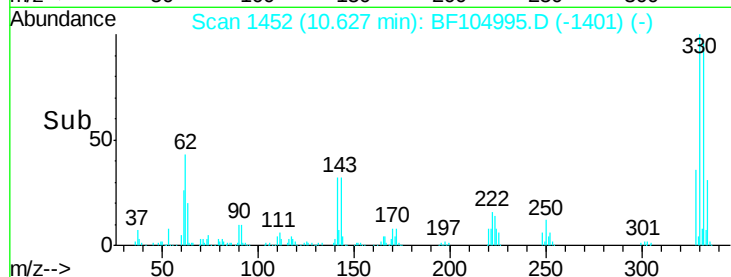
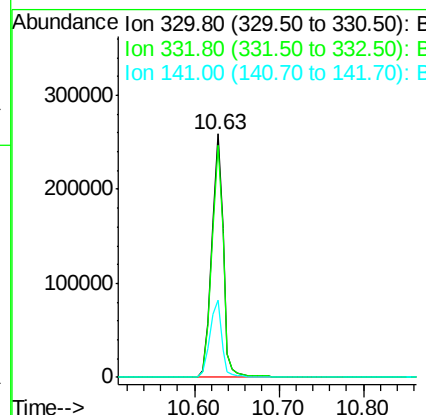
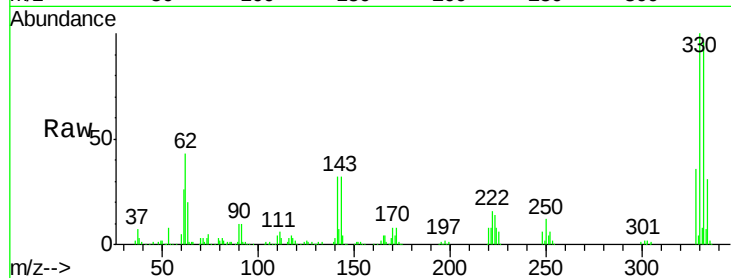




#41
 2,4,6-Tribromophenol
 Concen: 109.705 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

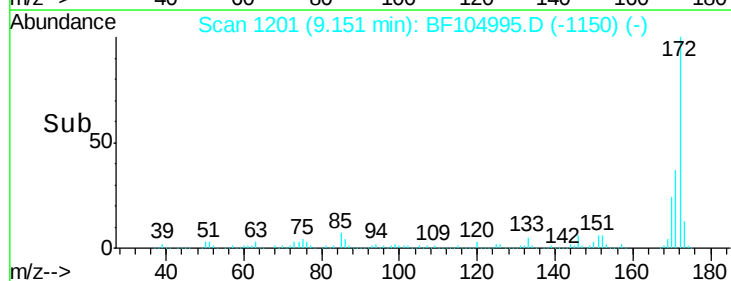
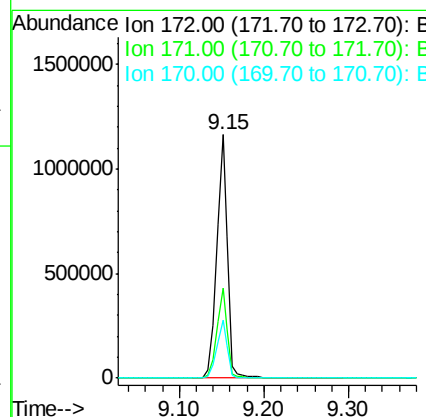
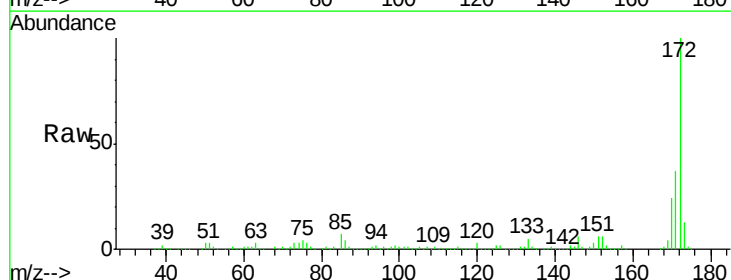
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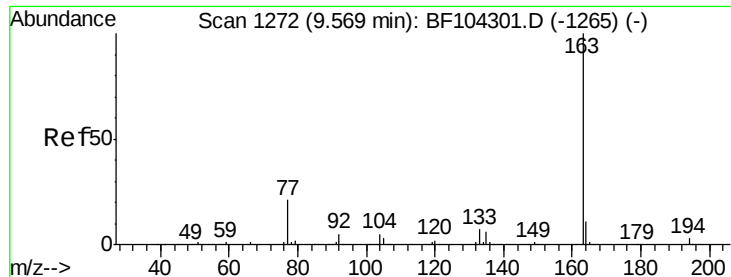
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 76.725 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.0	19.6	29.4

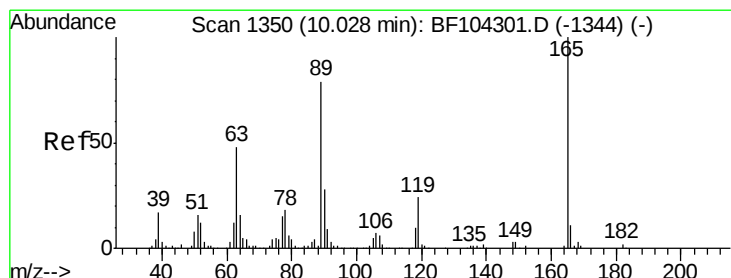
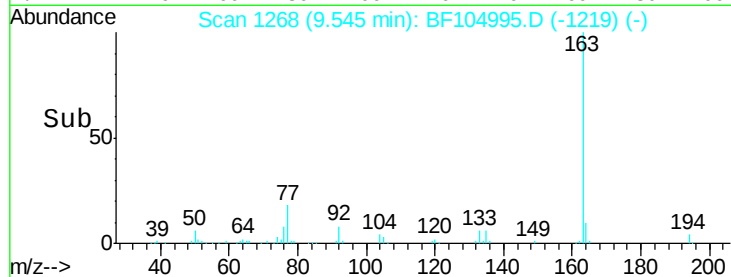
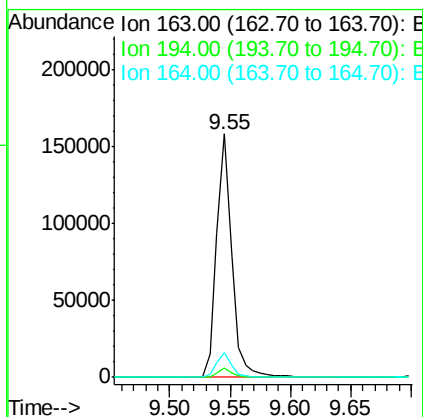
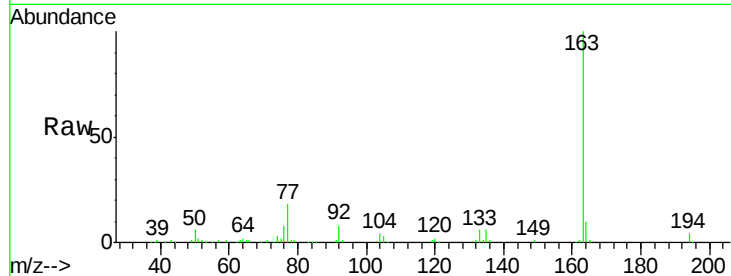




#49
Dimethylphthalate
Concen: 7.938 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

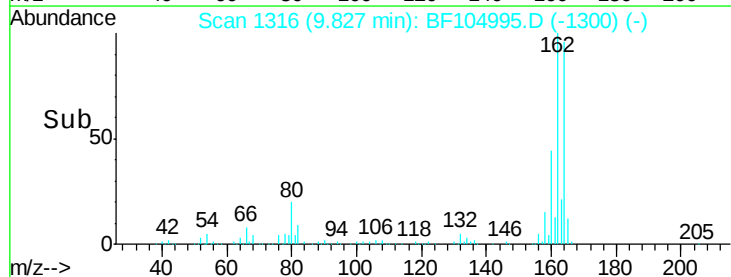
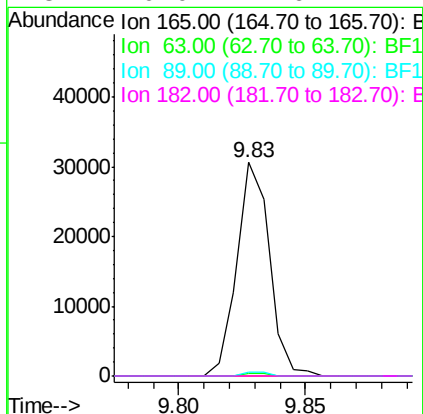
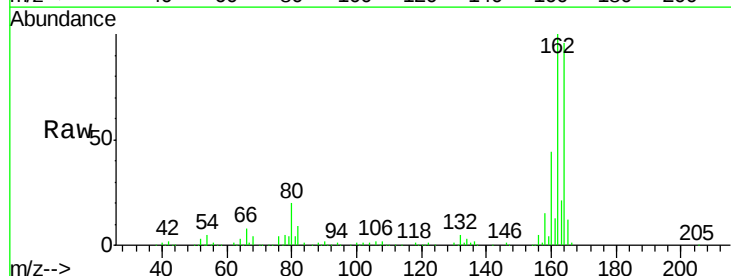
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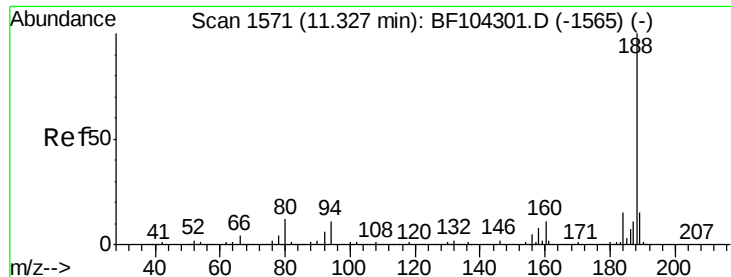
Tgt Ion:163 Resp: 136995
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Tgt Ion:165 Resp: 27283
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

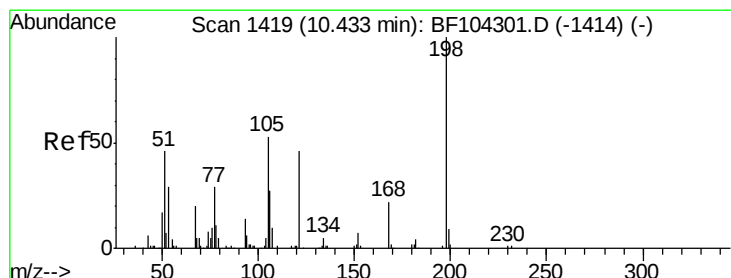
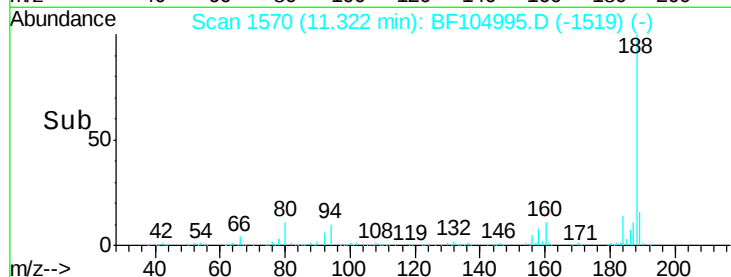
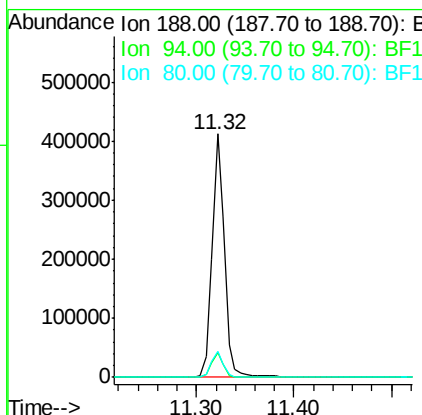
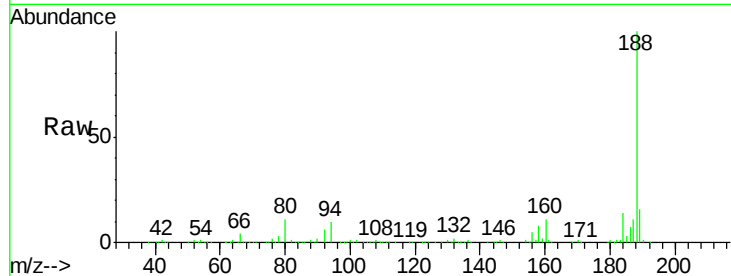




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

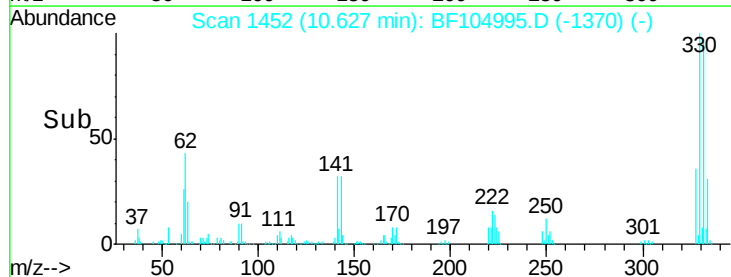
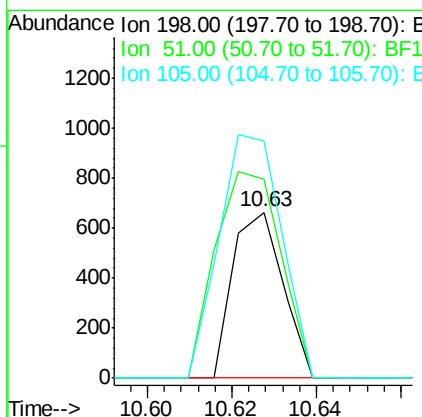
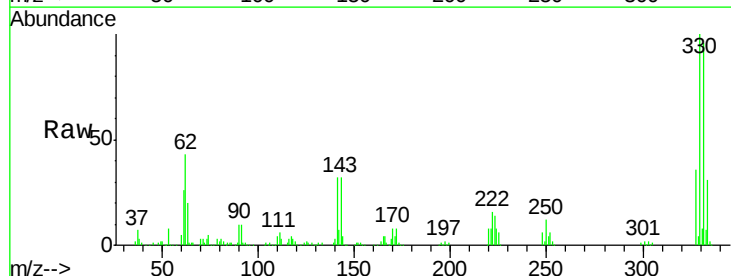
Instrument :
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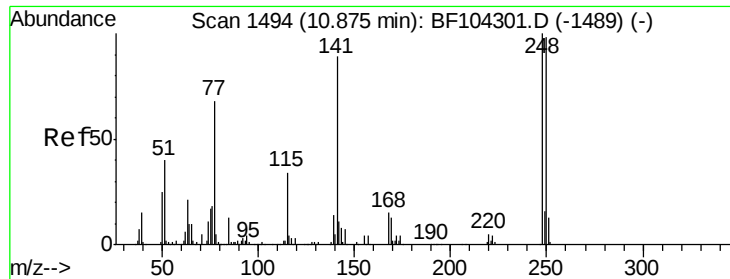
Tgt Ion:188 Resp: 359620
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.611 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Tgt Ion:198 Resp: 546
 Ion Ratio Lower Upper
 198 100
 51 120.2 37.7 77.7#
 105 142.8 36.3 76.3#

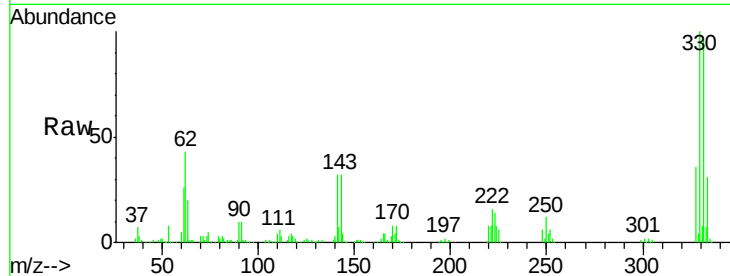




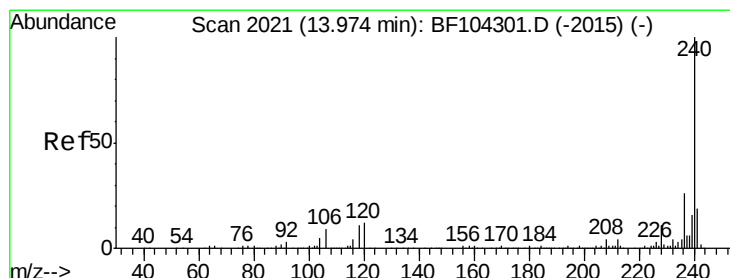
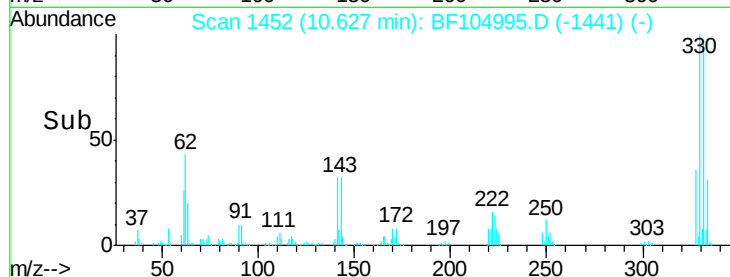
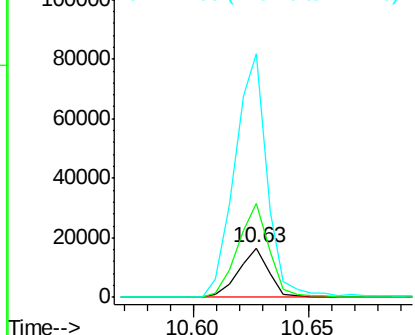
#66
 4-Bromophenyl-phenylether
 Concen: 3.976 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(100-102)

Tgt Ion:248 Resp: 15208
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.9 115.3#
 141 494.1 74.4 111.6#

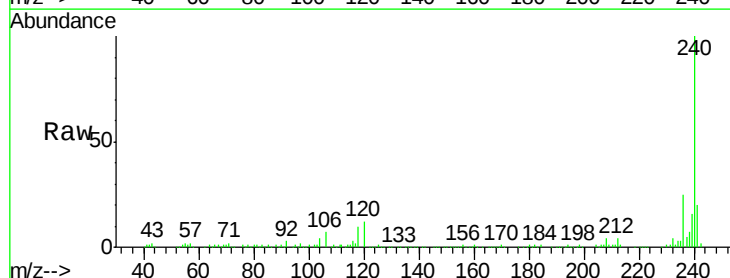


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

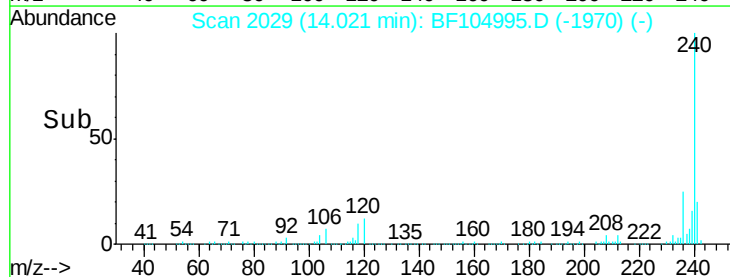
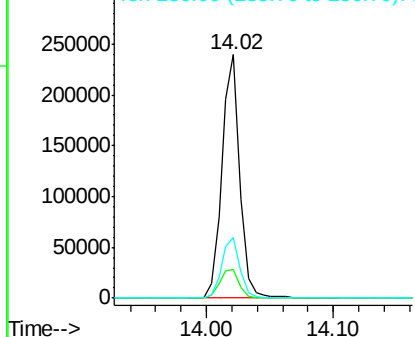


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.05 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Tgt Ion:240 Resp: 234016
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 24.9 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: 80.532 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

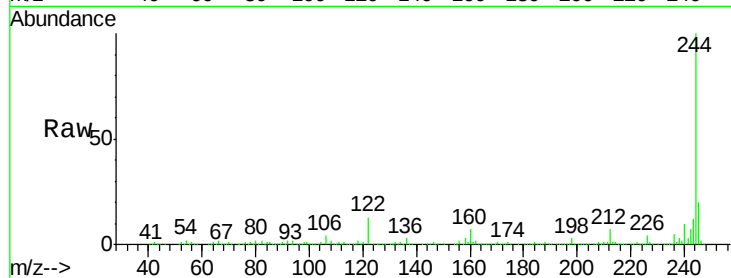
Tgt Ion:244 Resp: 826628

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

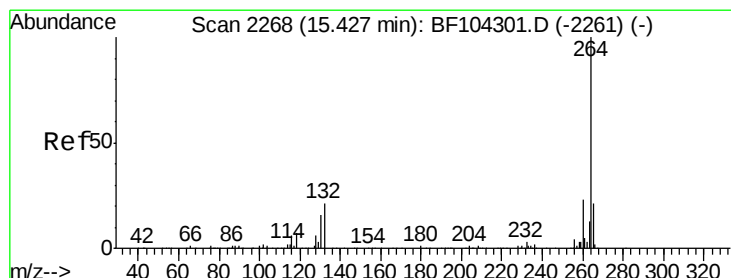
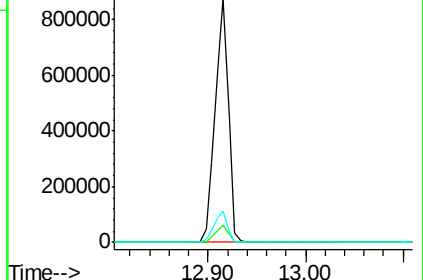
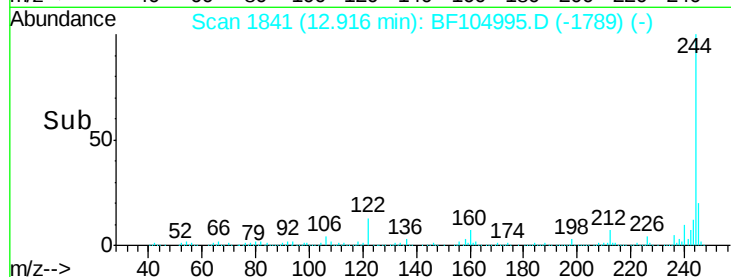
122 12.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.15 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

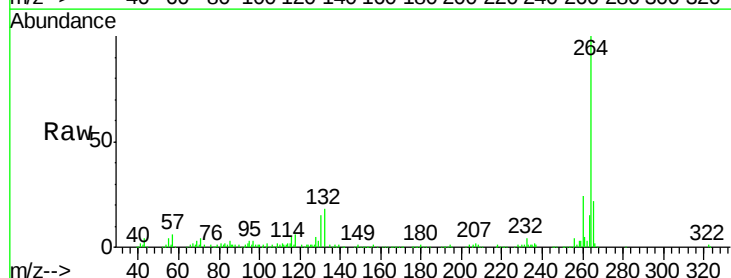
Tgt Ion:264 Resp: 206222

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 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

