

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
 Data File : BF108479.D
 Acq On : 24 Aug 2018 22:29
 Operator : JU/SJ
 Sample : J4581-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D1

Quant Time: Aug 25 00:31:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

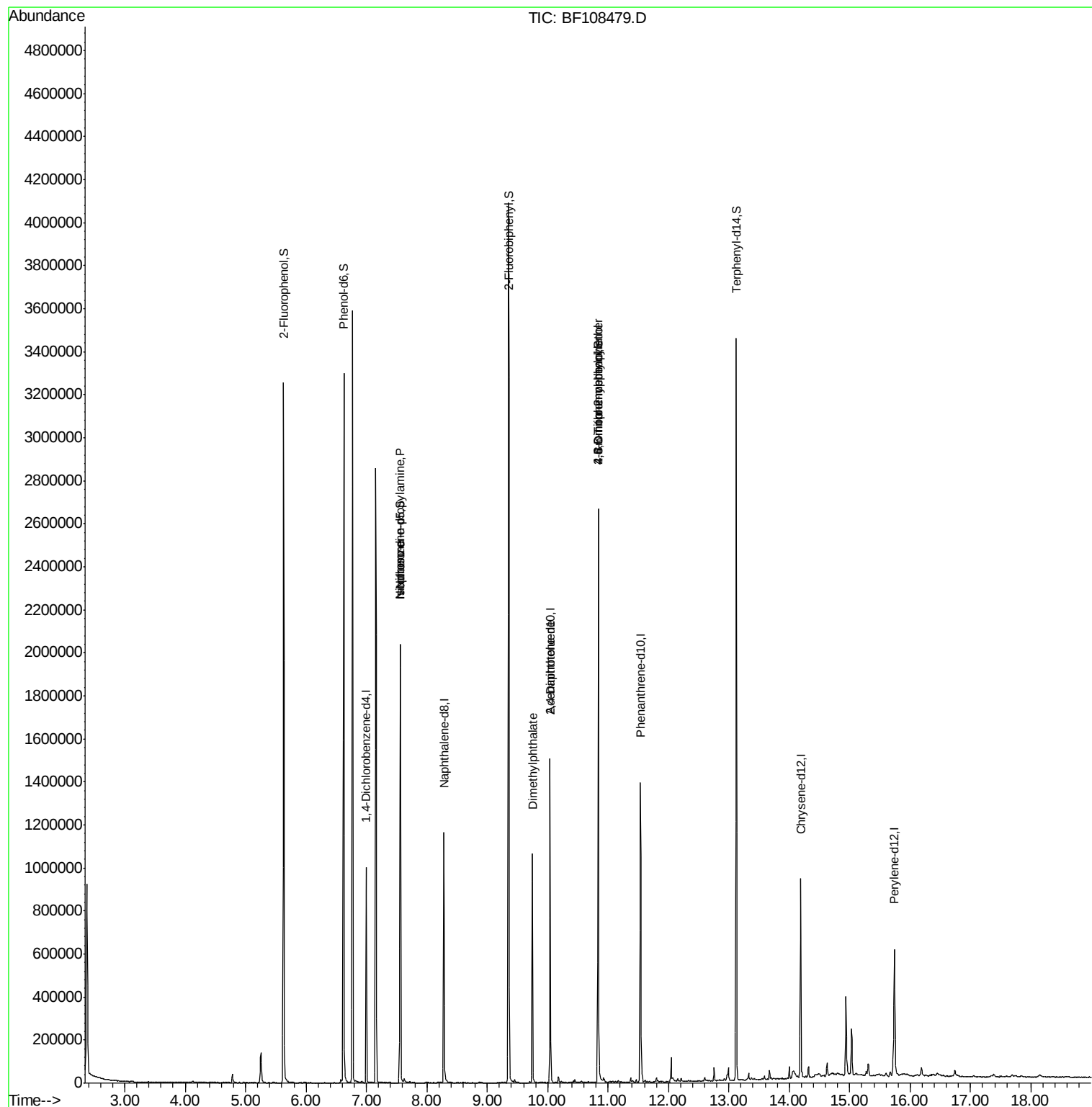
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	141968	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	546899	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	272868	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	516814	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	297087	20.00	ng	-0.01
86) Perylene-d12	15.74	264	300828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	827636	105.54	ng	0.00
7) Phenol-d6	6.62	99	1118418	107.33	ng	0.00
23) Nitrobenzene-d5	7.56	82	763884	77.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	321467	118.11	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1313981	77.31	ng	-0.01
78) Terphenyl-d14	13.12	244	1168535	100.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	103679	14.713	ng	# 84
25) Isophorone	7.56	82	763878	40.891	ng	# 64
49) Dimethylphthalate	9.75	163	430971	22.674	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	35423	6.920	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	738	5.696	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	21888	3.897	ng	# 1

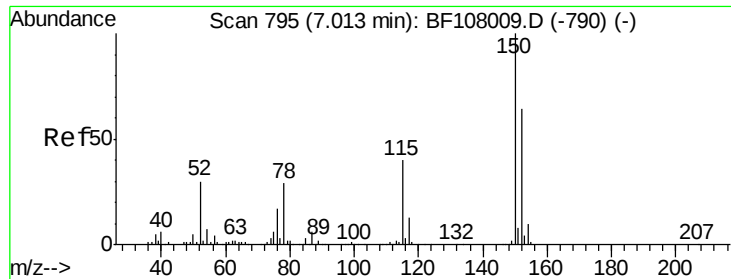
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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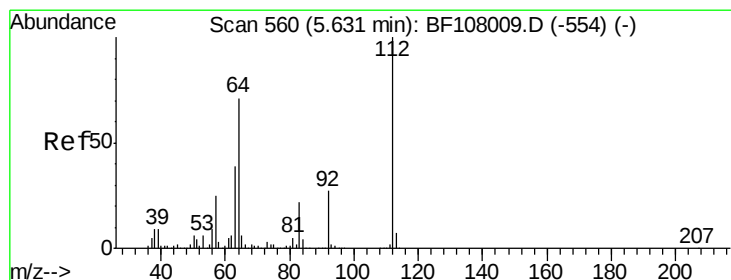
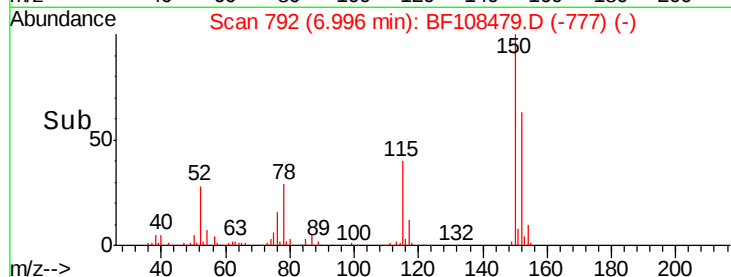
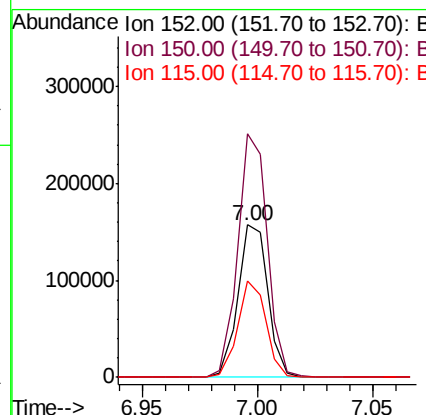
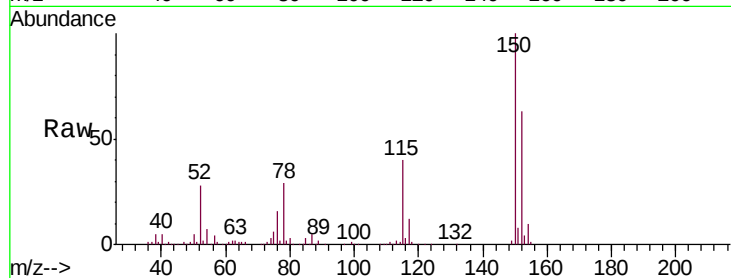


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108479.D
Acq: 24 Aug 2018 22:29

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D1

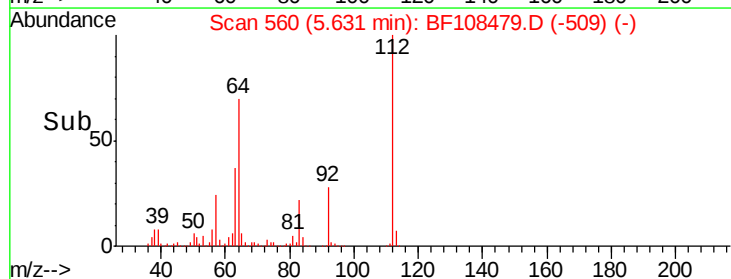
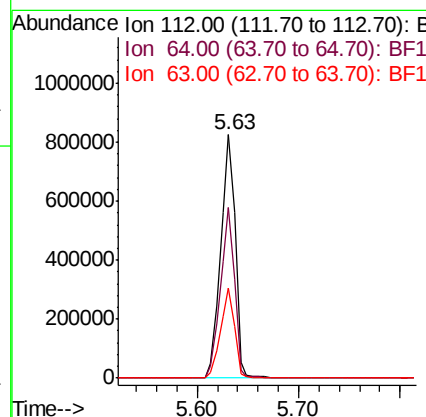
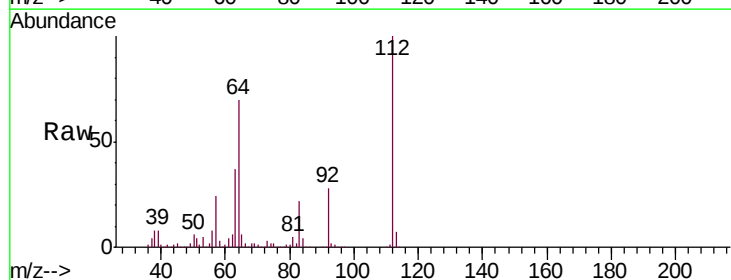
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.3	50.1	75.1

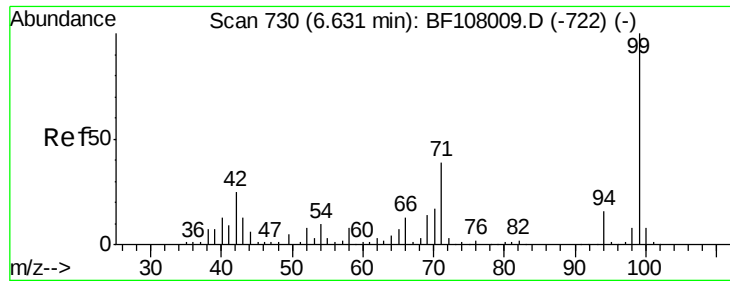


#5

2-Fluorophenol
Concen: 105.545 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108479.D
Acq: 24 Aug 2018 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	47.9	71.9
63	37.1	23.7	35.5





#7

Phenol-d6

Concen: 107.330 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-D1

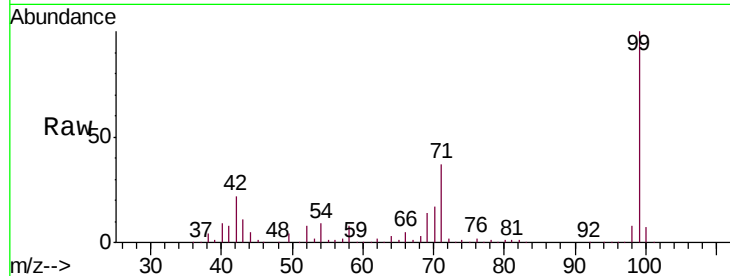
Tgt Ion: 99 Resp: 1118418

Ion Ratio Lower Upper

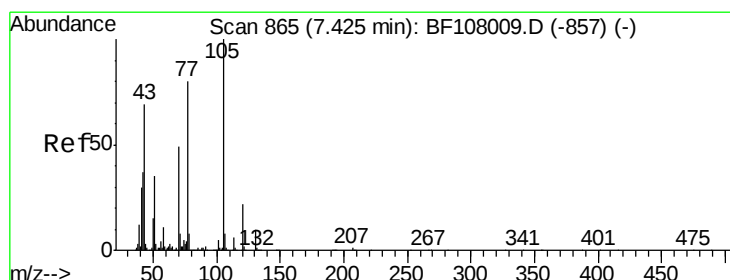
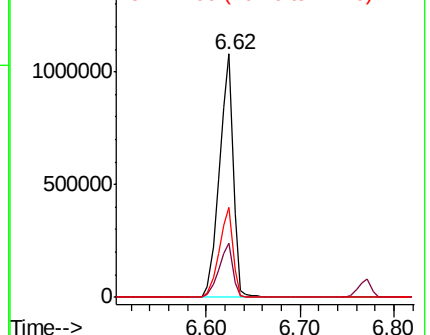
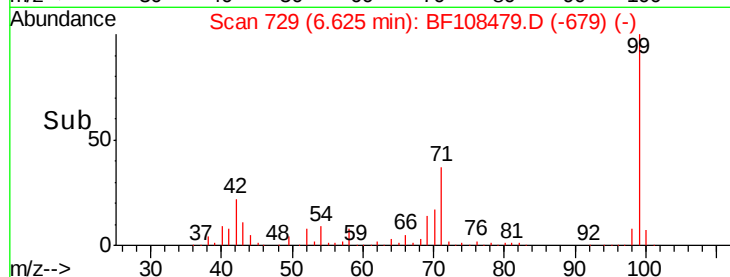
99 100

42 22.3 14.5 21.7#

71 37.1 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: 14.713 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

Tgt Ion: 70 Resp: 103679

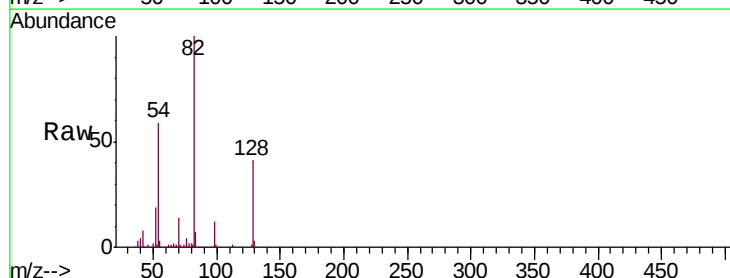
Ion Ratio Lower Upper

70 100

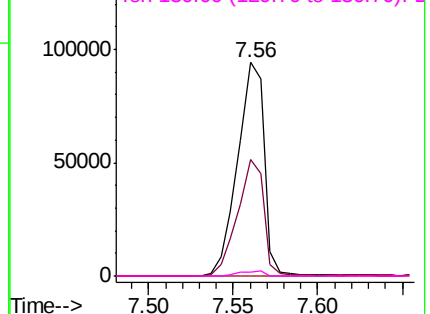
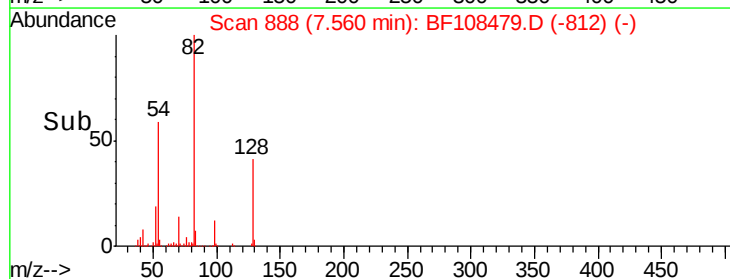
42 54.5 47.5 71.3

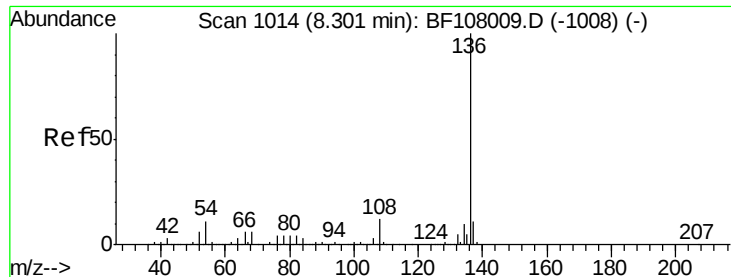
101 0.0 7.4 11.2#

130 1.7 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

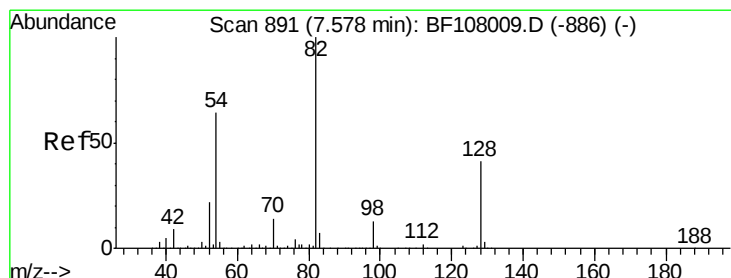
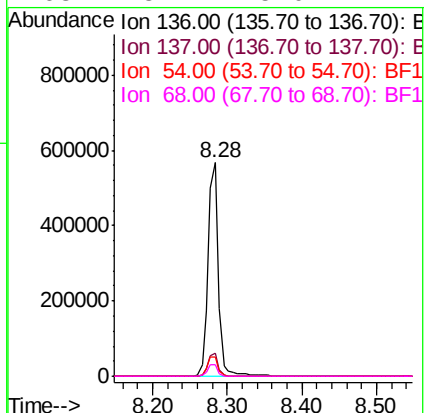
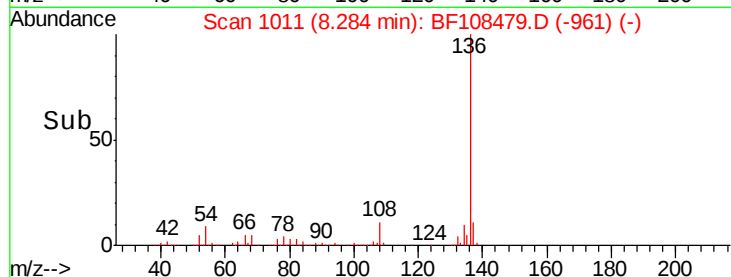
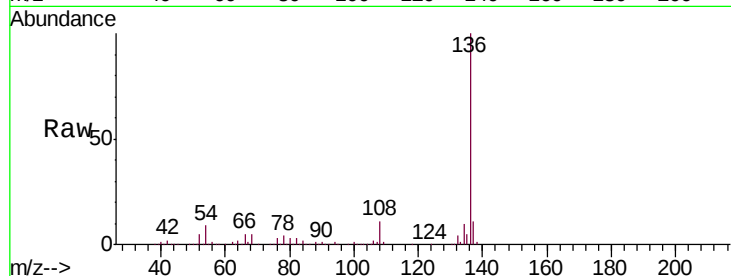




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108479.D
Acq: 24 Aug 2018 22:29

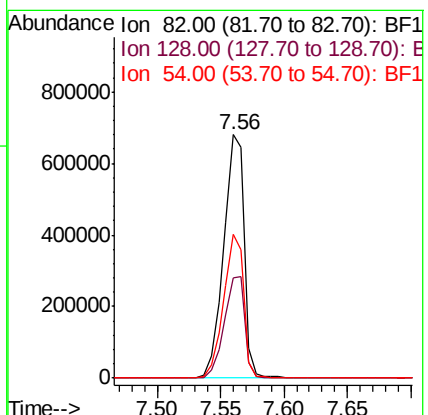
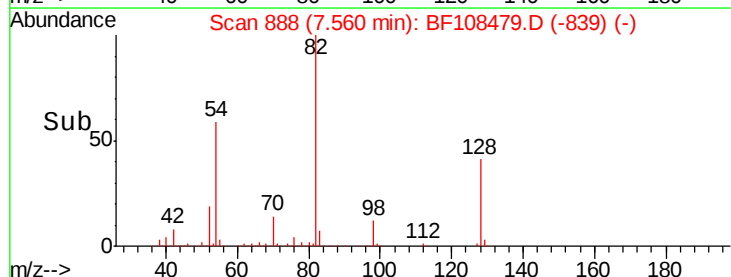
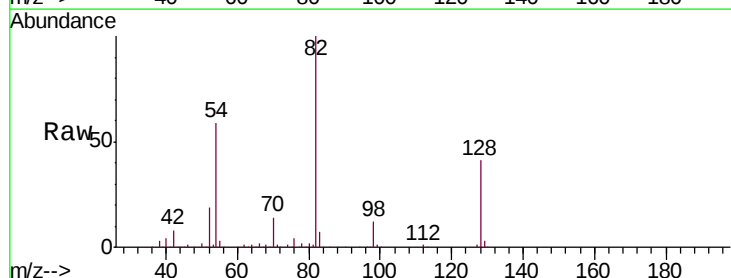
Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D1

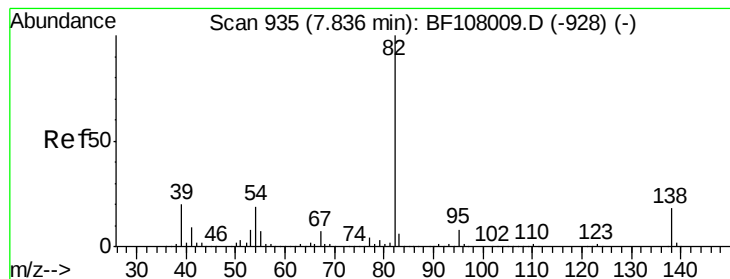
Tgt Ion:	136	Resp:	546899
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 77.941 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108479.D
Acq: 24 Aug 2018 22:29

Tgt Ion:	82	Resp:	763884
Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	58.8	41.4	62.2





#25

Isophorone

Concen: 40.891 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-D1

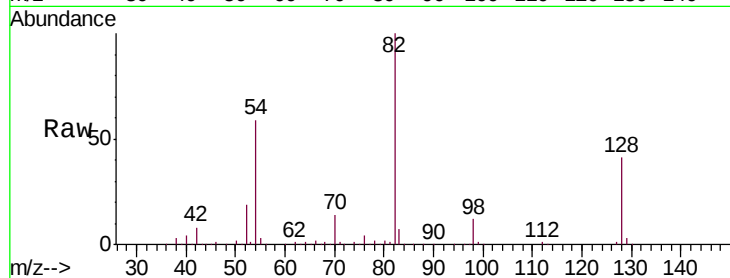
Tgt Ion: 82 Resp: 763878

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

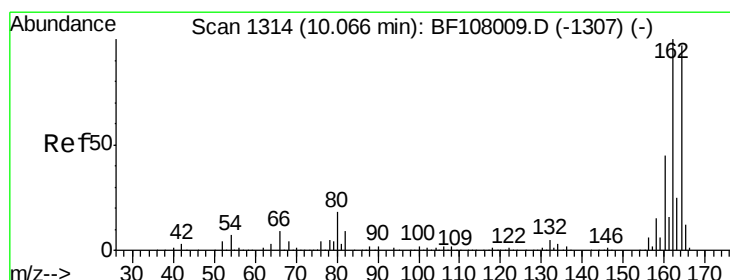
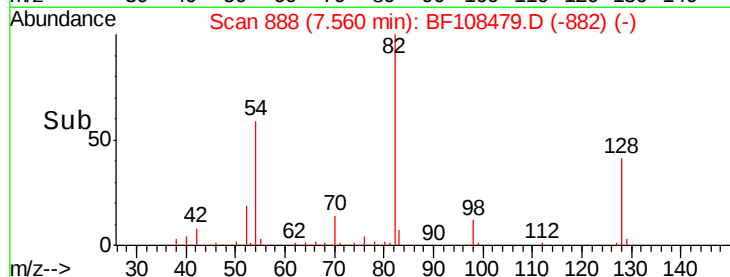
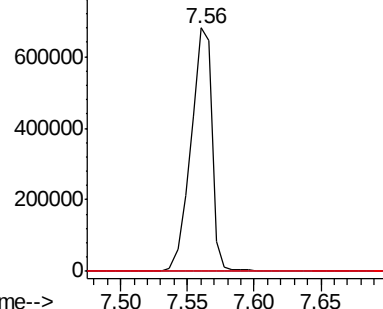
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

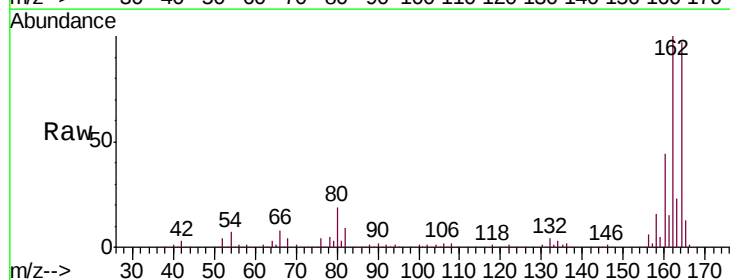
Tgt Ion: 164 Resp: 272868

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

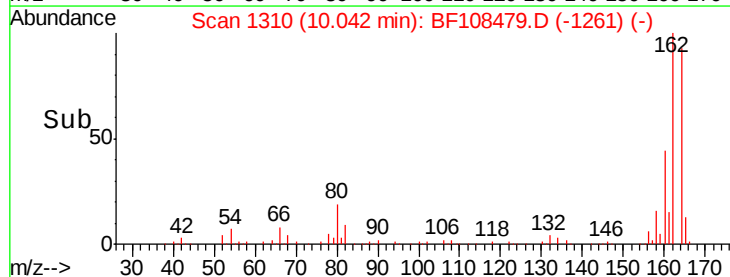
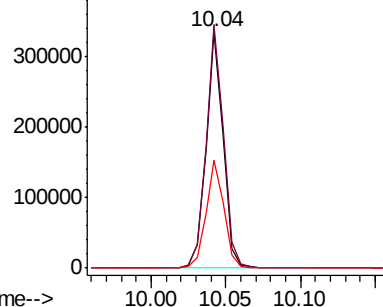
160 45.7 38.3 57.5

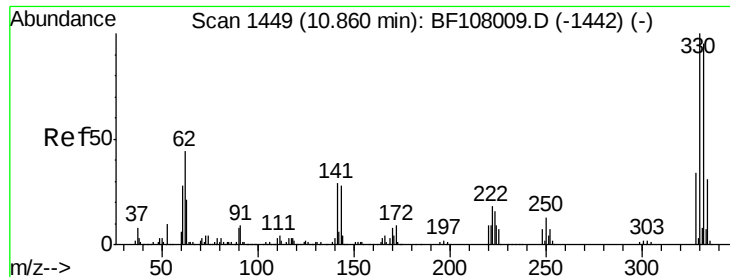


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

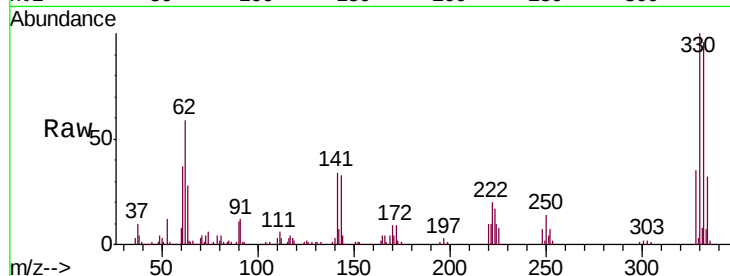




#41
 2,4,6-Tribromophenol
 Concen: 118.109 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.6	29.9	44.9

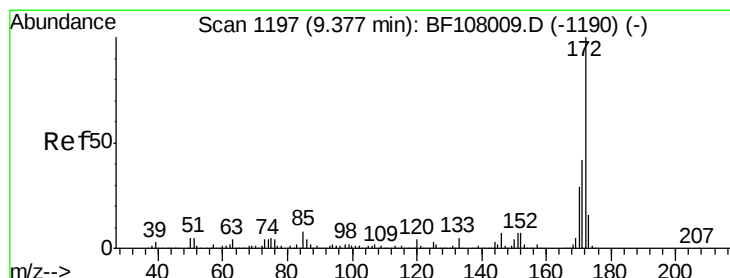
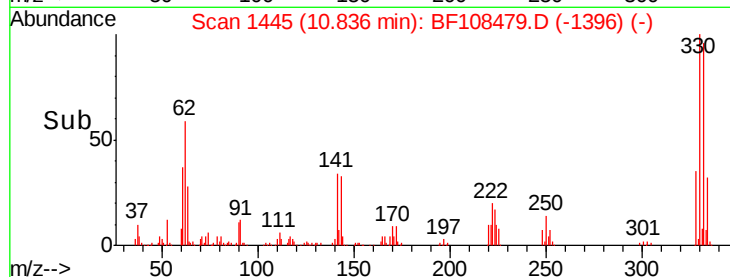
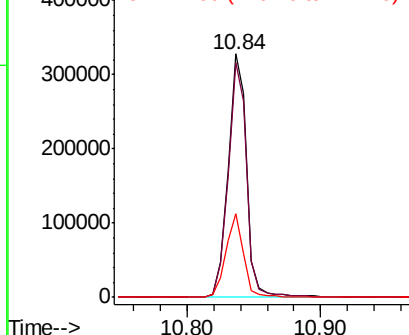


Abundance

Ion 329.80 (329.50 to 330.50): E

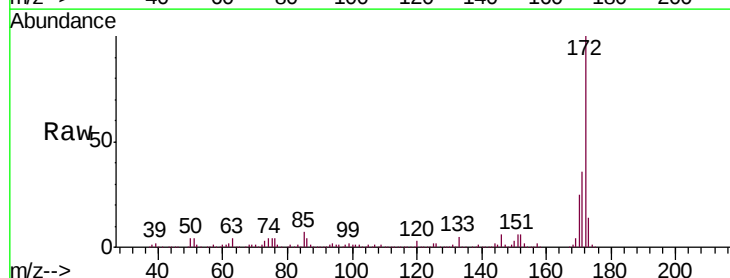
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.310 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

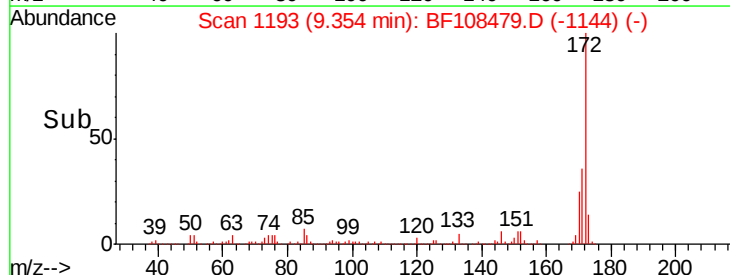
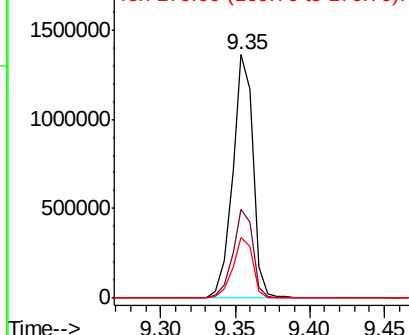


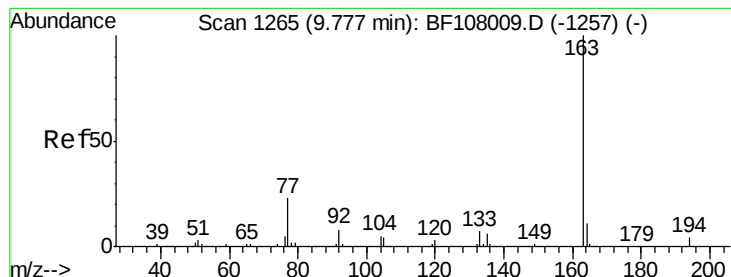
Abundance

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





#49

Dimethylphthalate

Concen: 22.674 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-D1

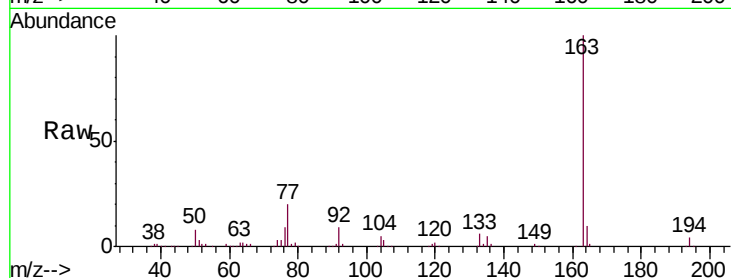
Tgt Ion:163 Resp: 430971

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

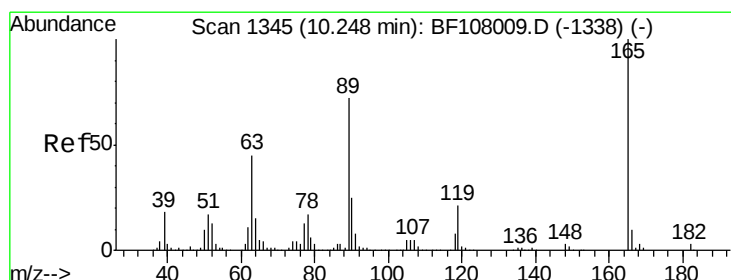
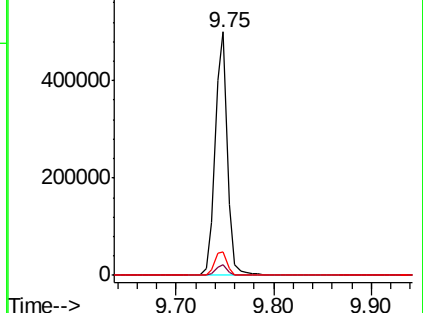
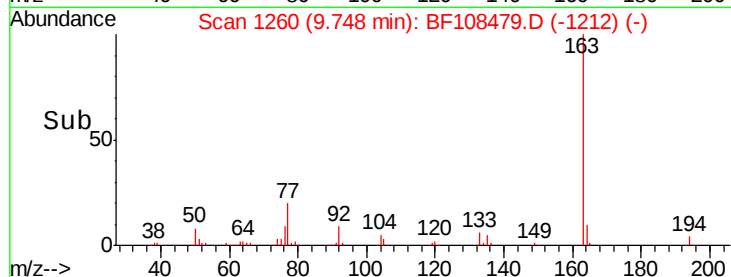
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.920 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108479.D

Acq: 24 Aug 2018 22:29

Tgt Ion:165 Resp: 35423

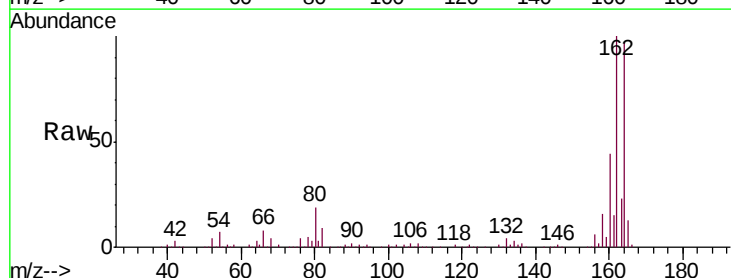
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

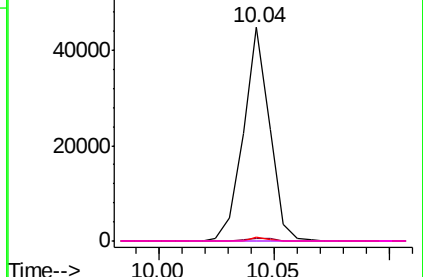
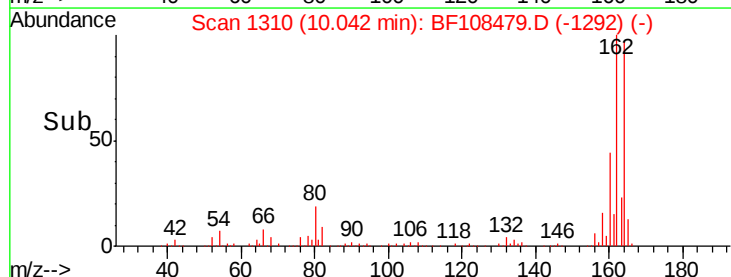


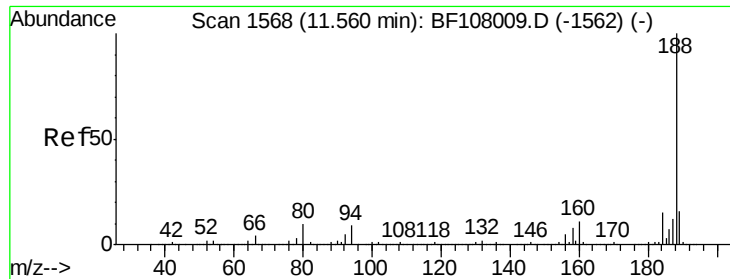
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

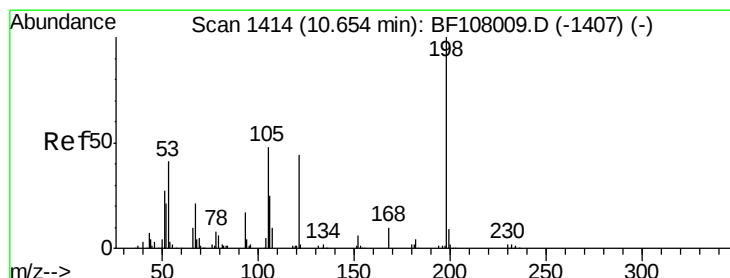
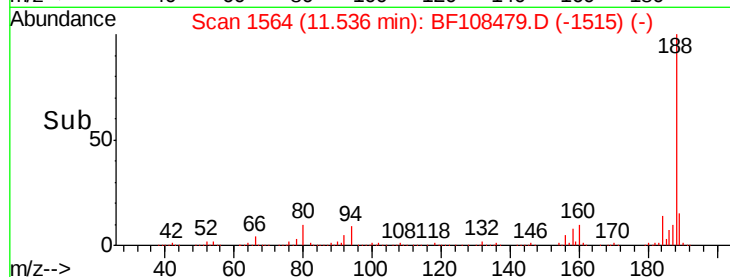
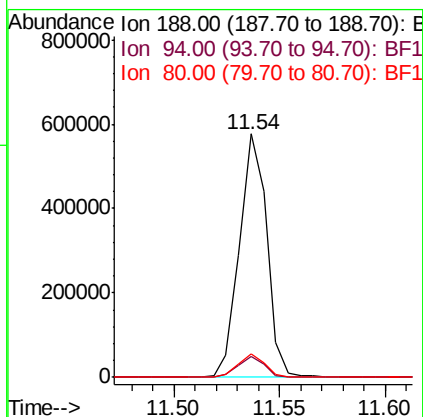
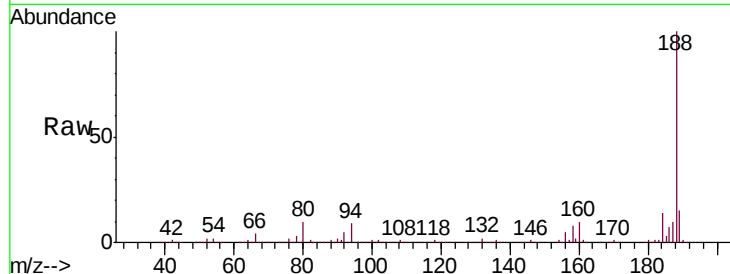




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

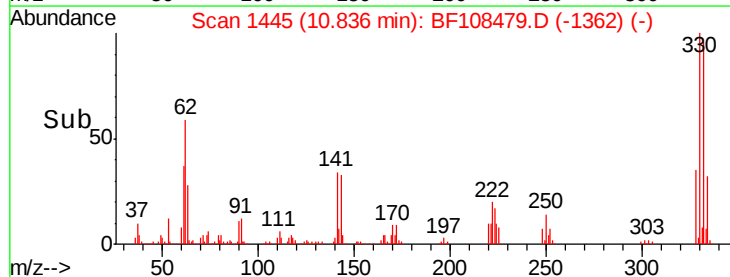
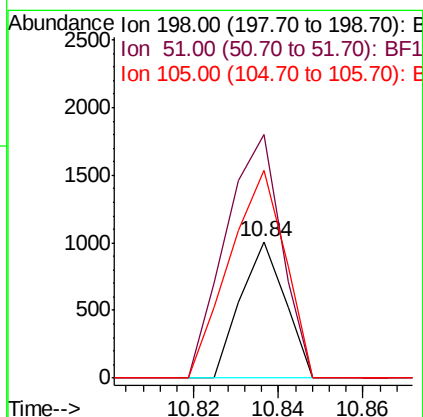
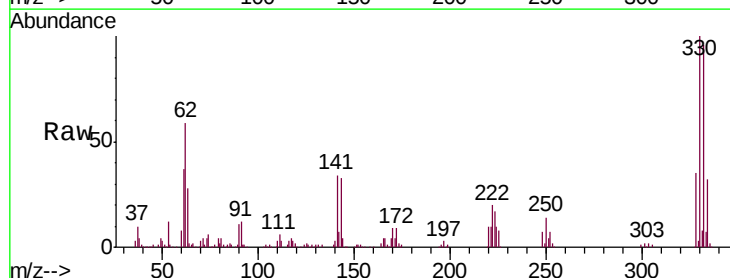
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D1

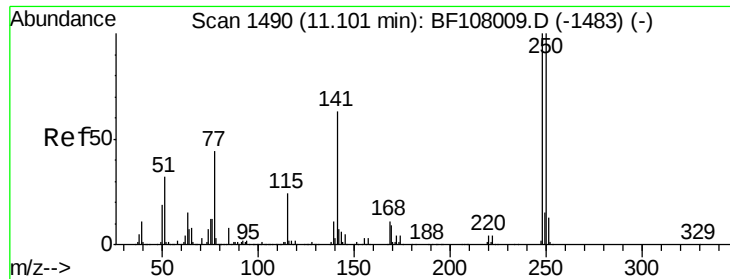
Tgt Ion:	188	Resp:	516814
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.8	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.696 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Tgt Ion:	198	Resp:	738
Ion	Ratio	Lower	Upper
198	100		
51	178.7	37.7	77.7#
105	152.5	36.3	76.3#

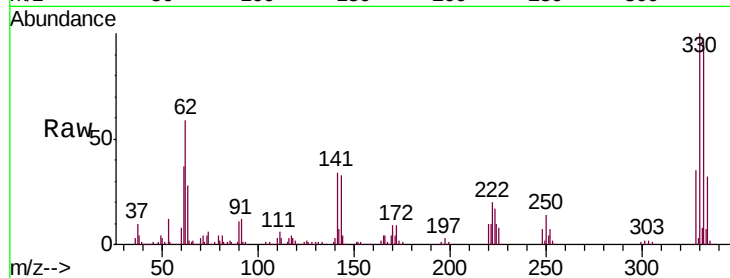




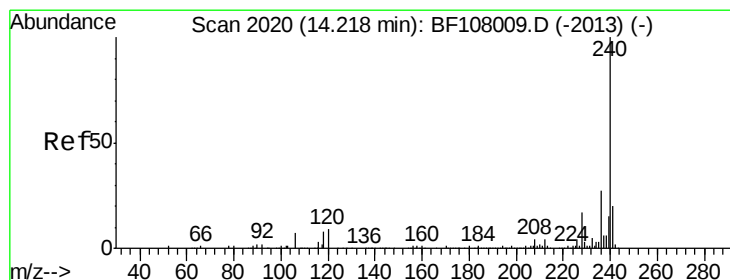
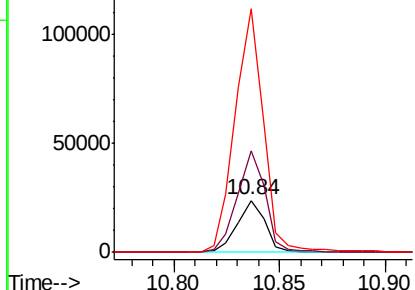
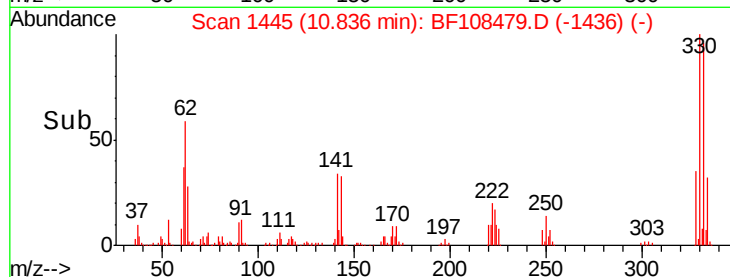
#66
 4-Bromophenyl-phenylether
 Concen: 3.897 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D1

Tgt Ion:248 Resp: 21888
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 468.4 74.4 111.6#

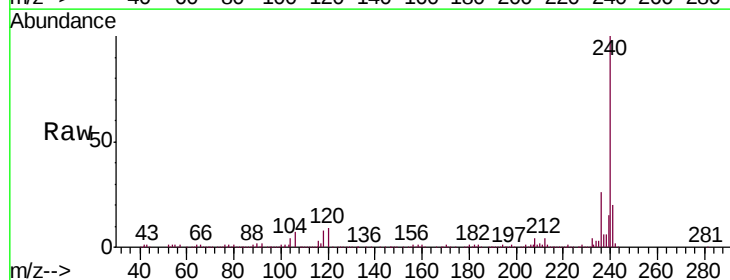


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

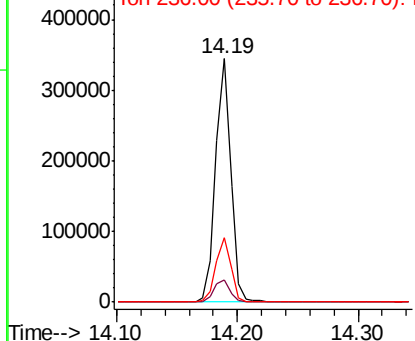
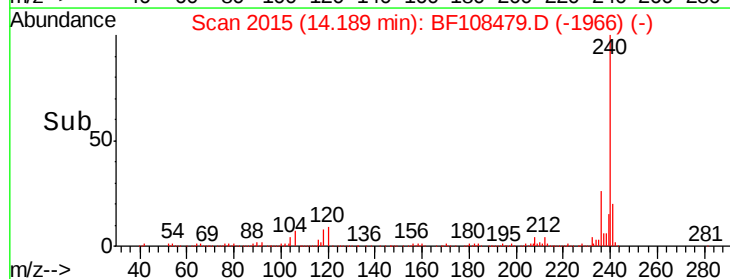


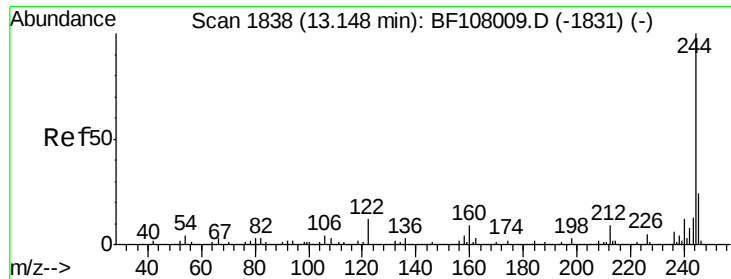
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Tgt Ion:240 Resp: 297087
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.5 14.3#
 236 26.4 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

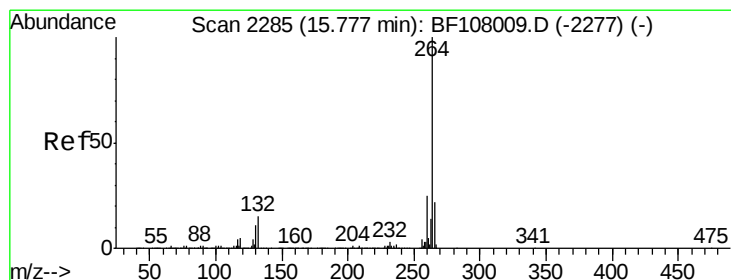
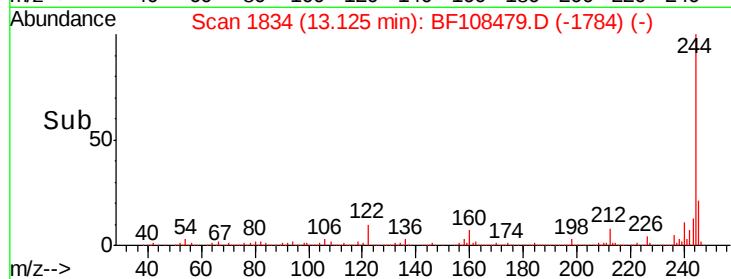
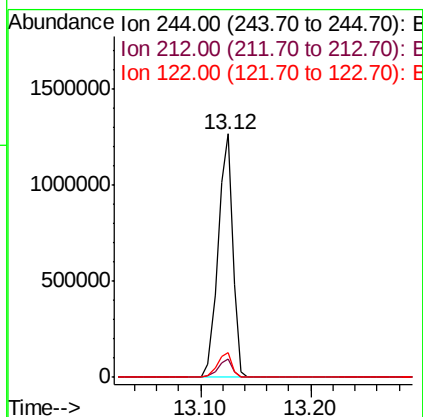
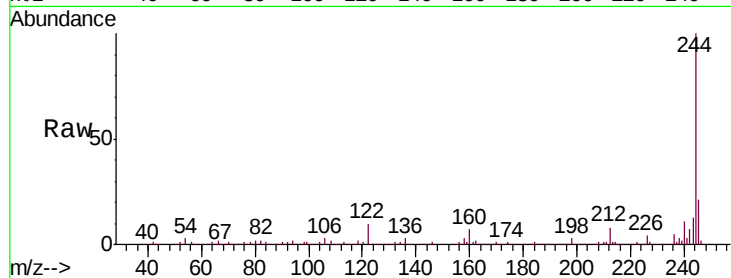




#78
 Terphenyl-d14
 Concen: 100.007 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D1

Tgt Ion:244 Resp: 1168535
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 9.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108479.D
 Acq: 24 Aug 2018 22:29

Tgt Ion:264 Resp: 300828
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.2 17.5 26.3

