

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088612.D
 Acq On : 2 Jul 2016 12:47
 Operator : UM/SJ
 Sample : H3769-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(00-0.5)

Quant Time: Jul 03 03:01:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105996	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	426600	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	183390	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	328428	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	190129	20.00	ng	-0.01
86) Perylene-d12	15.35	264	223061	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	769849	108.85	ng	-0.01
7) Phenol-d6	6.44	99	1060051	116.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	604884	74.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	165561	97.22	ng	-0.02
44) 2-Fluorobiphenyl	9.16	172	981798	84.56	ng	-0.01
78) Terphenyl-d14	12.89	244	1289284	151.04	ng	-0.02

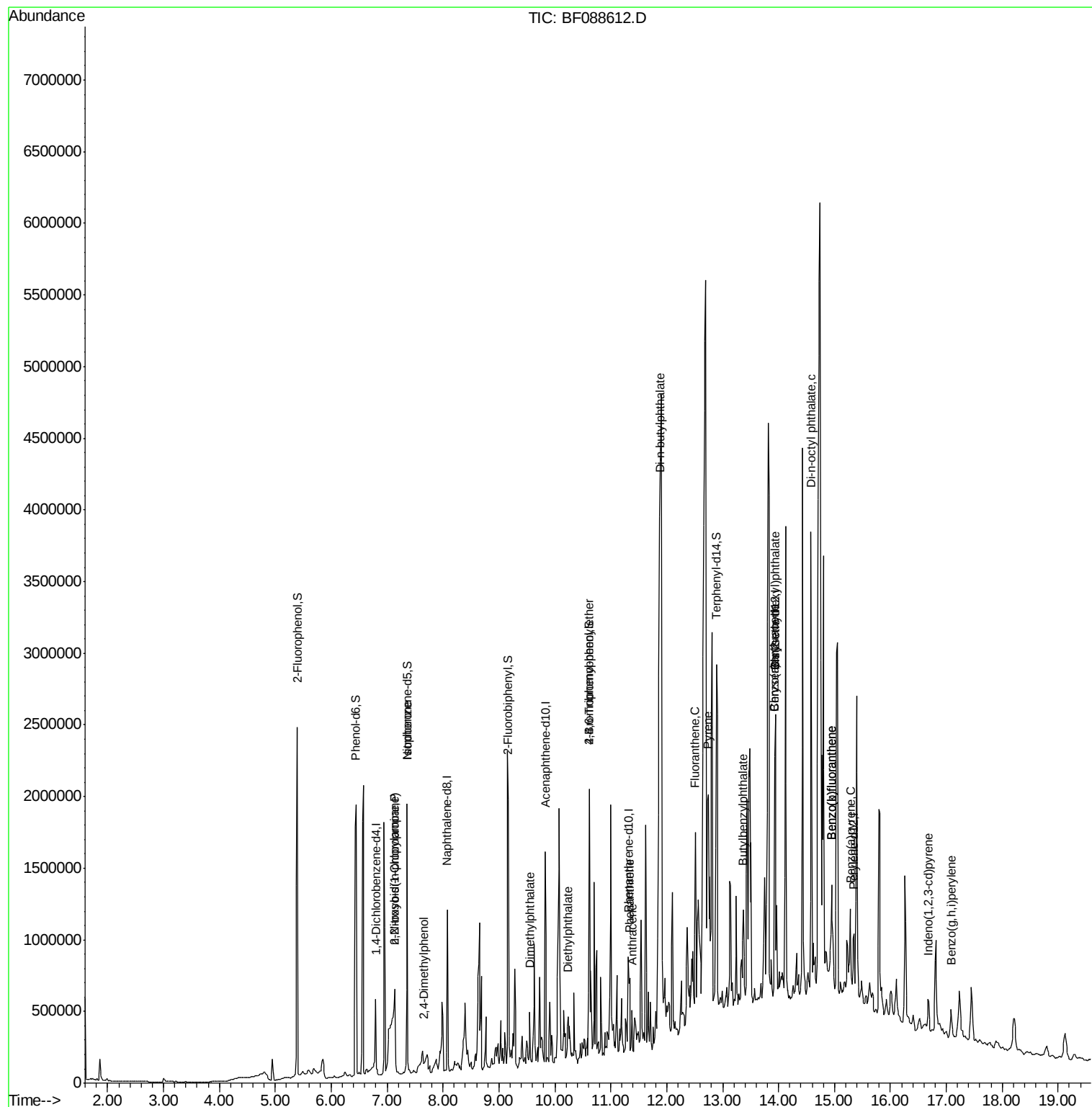
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) 2,2'-oxybis(1-Chloropropan	7.13	45	54568	4.84	ng	79
19) n-Nitroso-di-n-propylamine	7.13	70	150306	24.49	ng	# 81
25) Isophorone	7.36	82	465439	30.87	ng	# 65
27) 2,4-Dimethylphenol	7.66	122	19594	2.80	ng	# 25
49) Dimethylphthalate	9.55	163	140248	10.73	ng	100
59) Diethylphthalate	10.24	149	38537	2.94	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	11380	3.44	ng	# 1
70) Phenanthrene	11.34	178	280301	15.61	ng	98
71) Anthracene	11.38	178	79319	4.44	ng	98
73) Di-n-butylphthalate	11.87	149	230725	11.81	ng	99
74) Fluoranthene	12.51	202	530417	29.14	ng	95
77) Pyrene	12.74	202	477857	29.64	ng	99
79) Butylbenzylphthalate	13.37	149	34276	4.77	ng	# 70
80) Benzo(a)anthracene	13.93	228	263639	21.53	ng	98
82) Chrysene	13.93	228	263639	21.77	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	494001	60.17	ng	# 99
84) Di-n-octyl phthalate	14.58	149	460317	33.00	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.69	276	149107	16.00	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	458225	32.75	ng	# 93
88) Benzo(k)fluoranthene	14.95	252	457742	37.58	ng	98
89) Benzo(a)pyrene	15.29	252	241258	20.36	ng	96
91) Benzo(g,h,i)perylene	17.09	276	142613	13.93	ng	97

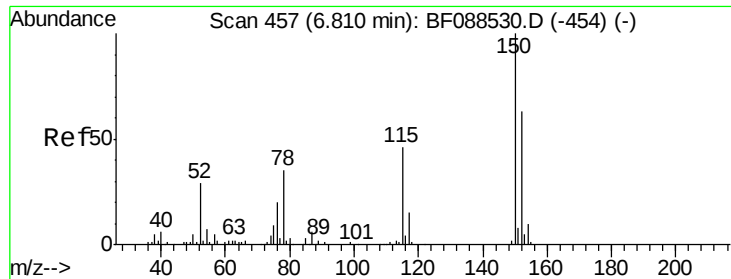
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

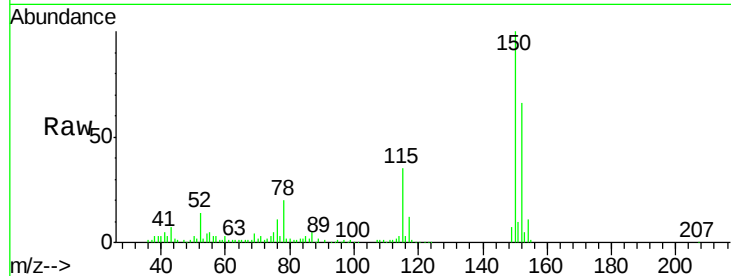
Tgt Ion:152 Resp: 105996

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

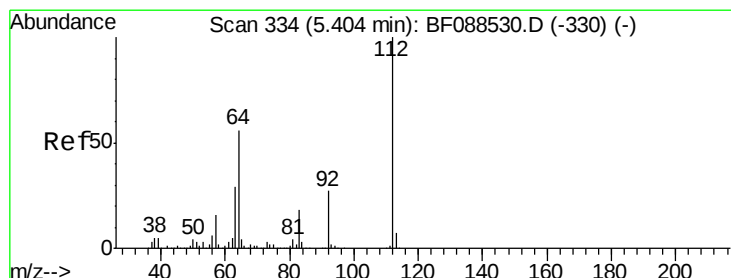
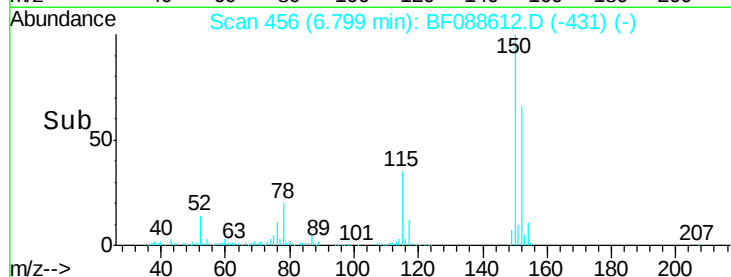
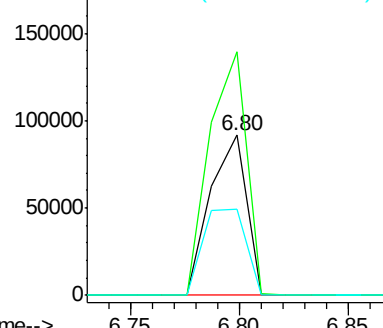
115 53.6 39.6 59.4



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: 108.85 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

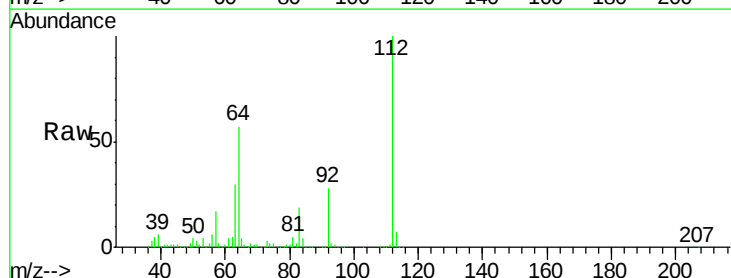
Tgt Ion:112 Resp: 769849

Ion Ratio Lower Upper

112 100

64 57.2 42.2 63.2

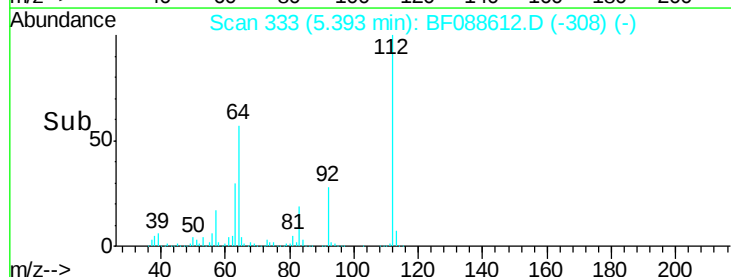
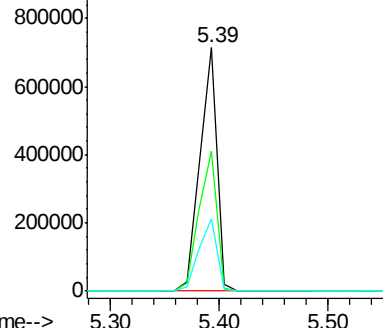
63 29.7 21.8 32.8

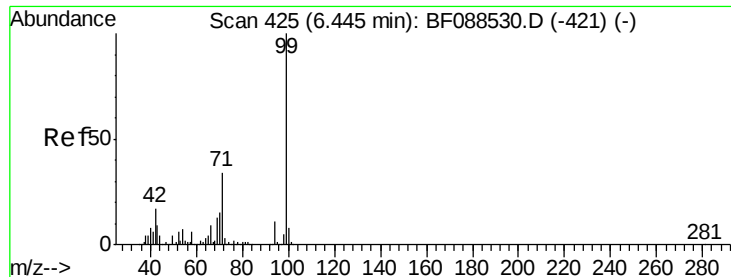


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

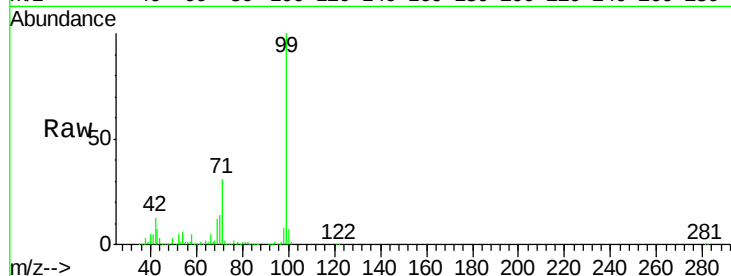
Tgt Ion: 99 Resp: 1060051

Ion Ratio Lower Upper

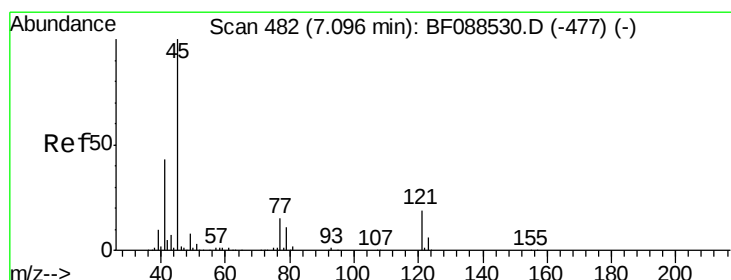
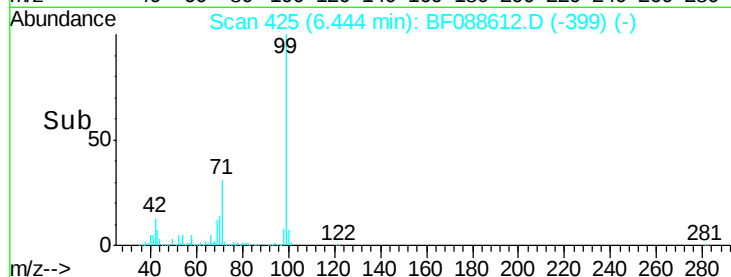
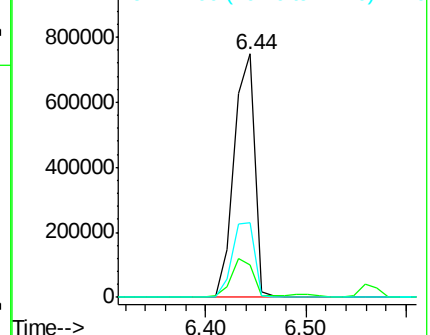
99 100

42 13.3 12.2 18.2

71 30.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.84 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.03 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

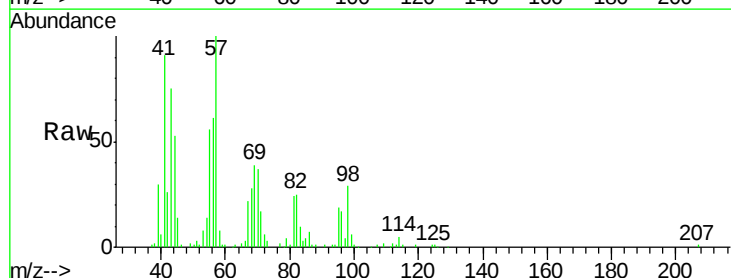
Tgt Ion: 45 Resp: 54568

Ion Ratio Lower Upper

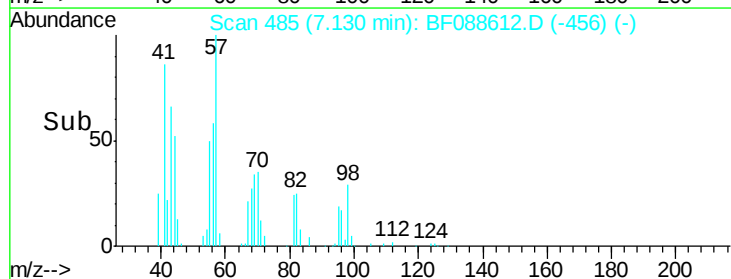
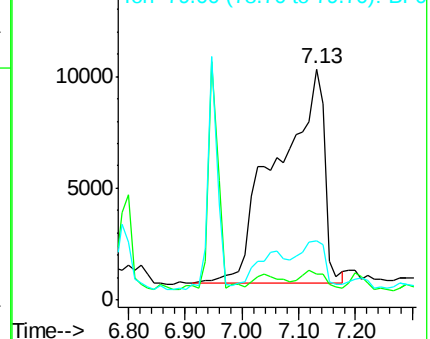
45 100

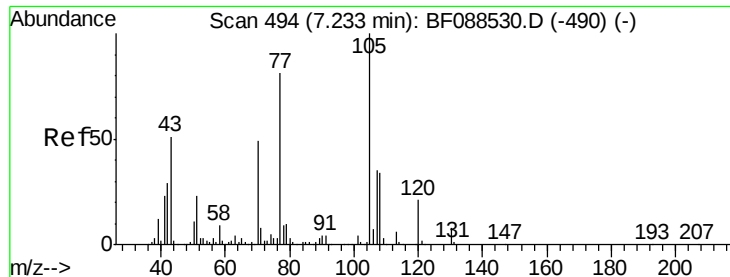
77 11.1 0.0 32.5

79 25.9 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

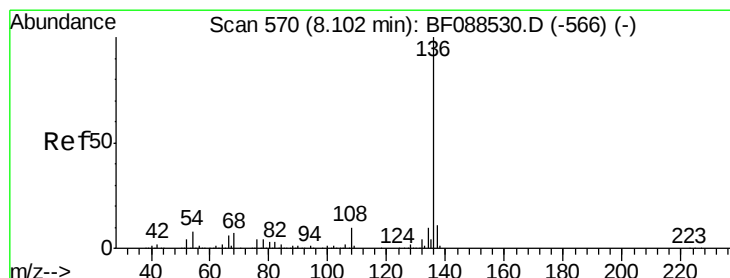
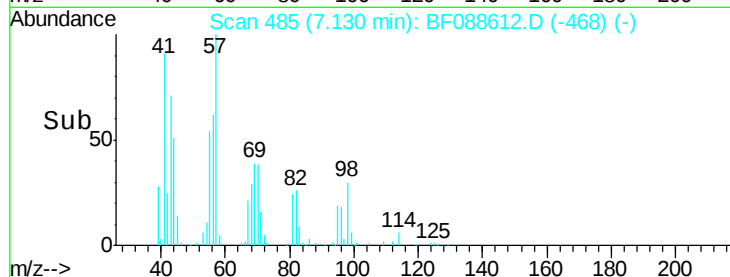
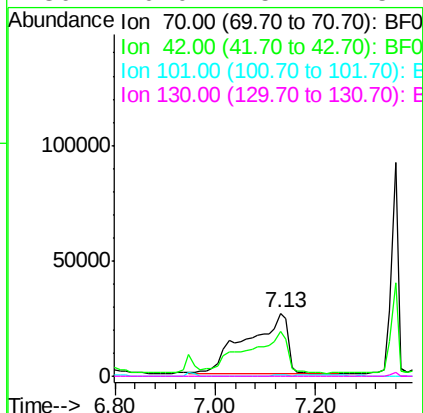
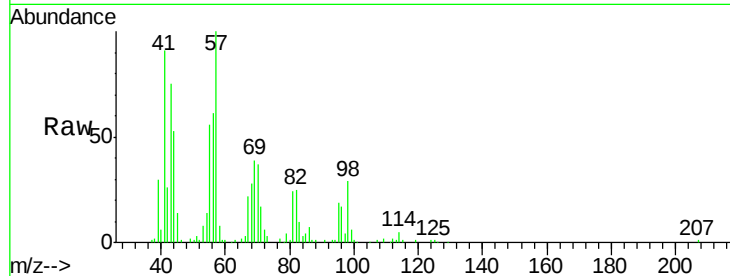




#19
n-Nitroso-di-n-propylamine
Concen: 24.49 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.10 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

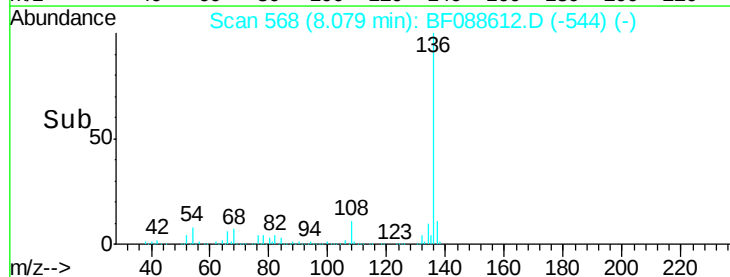
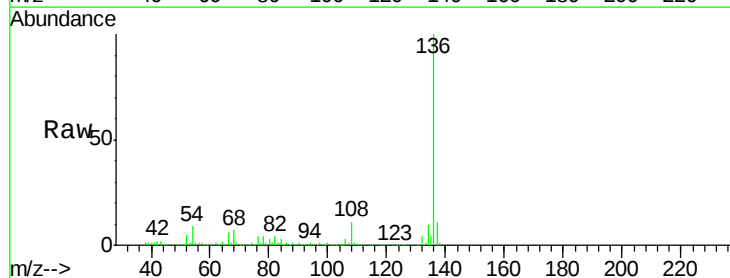
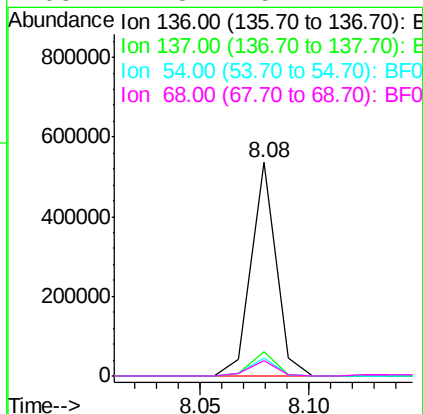
Instrument :
BNA_F
ClientSampleId :
EPCH-B2(00-0.5)

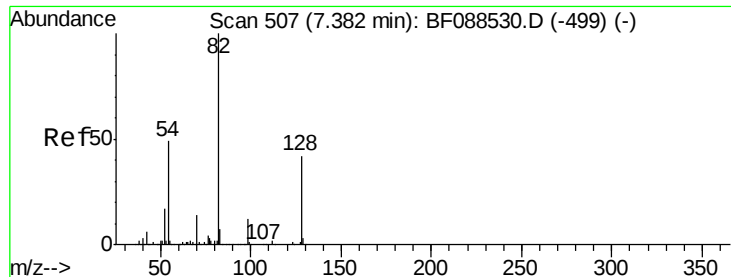
Tgt Ion: 70 Resp: 150306
Ion Ratio Lower Upper
70 100
42 71.1 49.6 74.4
101 1.3 7.1 10.7#
130 0.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Tgt Ion: 136 Resp: 426600
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.6 6.6 10.0
68 7.3 5.1 7.7

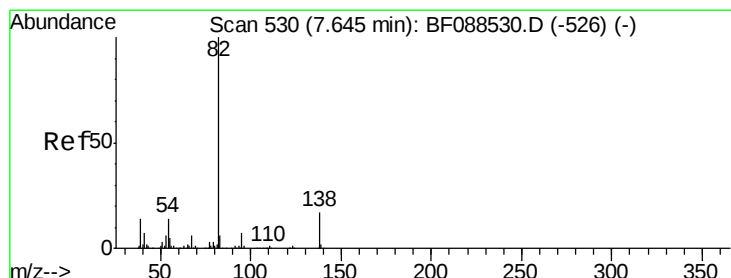
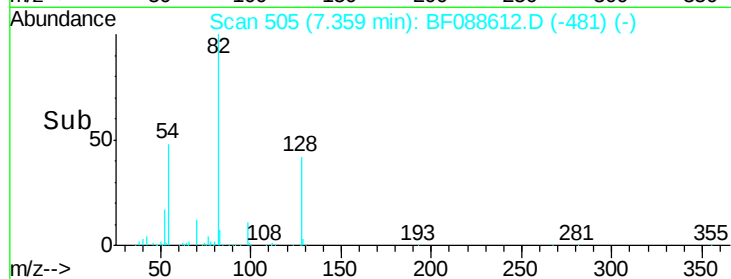
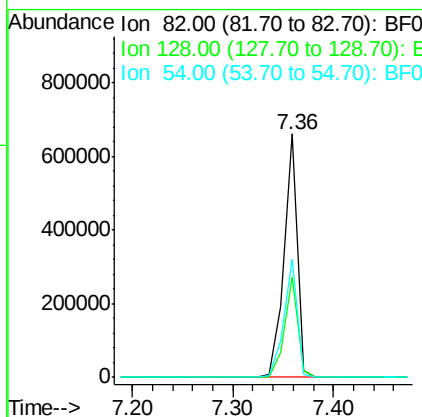
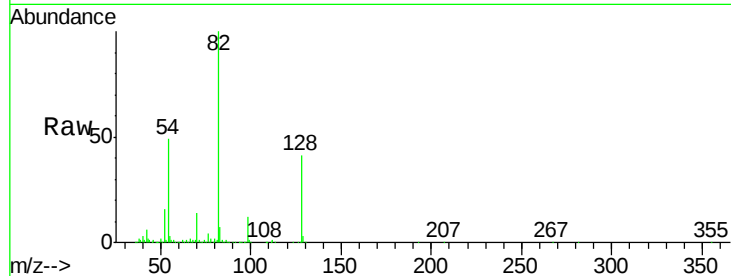




#23
 Nitrobenzene-d5
 Concen: 74.31 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

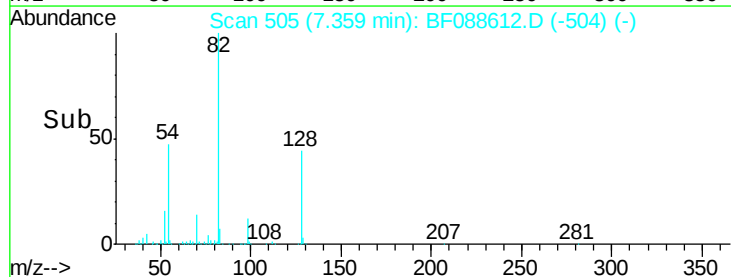
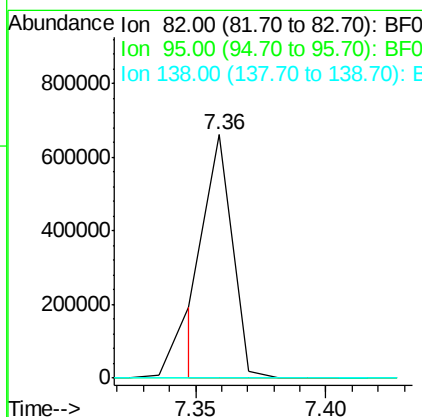
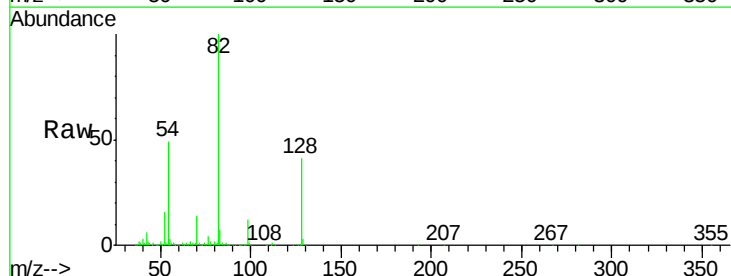
Instrument :
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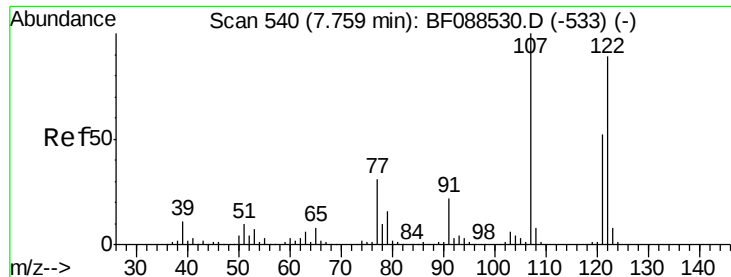
Tgt Ion: 82 Resp: 604884
 Ion Ratio Lower Upper
 82 100
 128 41.0 35.9 53.9
 54 48.6 40.9 61.3



#25
 Isophorone
 Concen: 30.87 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.29 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Tgt Ion: 82 Resp: 465439
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.4 8.2#
 138 0.0 14.6 21.8#





#27

2,4-Dimethylphenol

Concen: 2.80 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.10 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

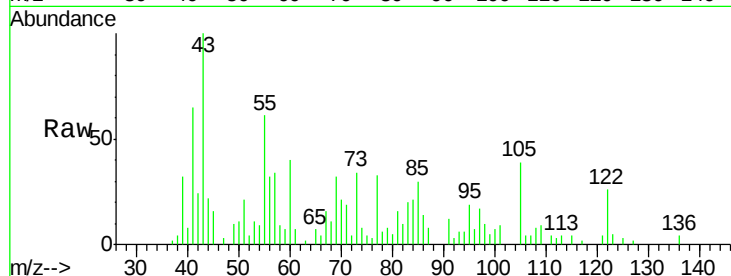
Tgt Ion:122 Resp: 19594

Ion Ratio Lower Upper

122 100

107 14.8 82.4 123.6#

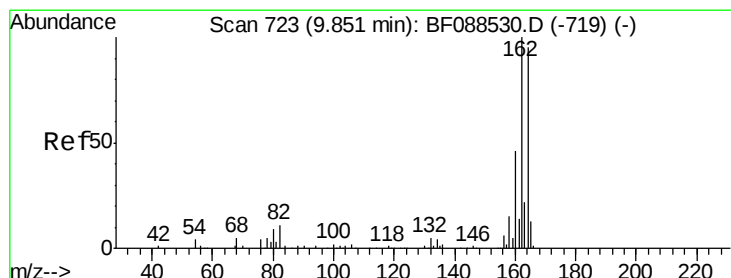
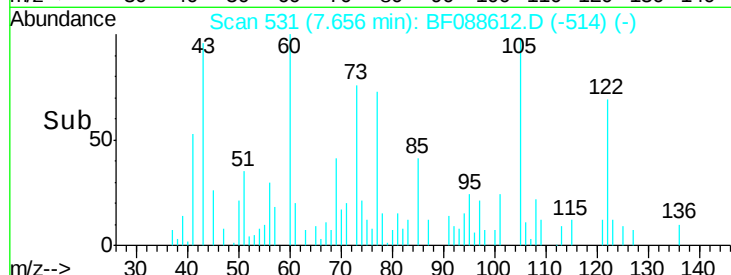
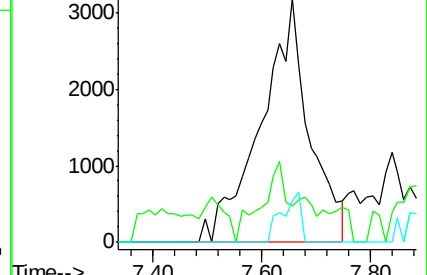
121 17.2 46.3 69.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

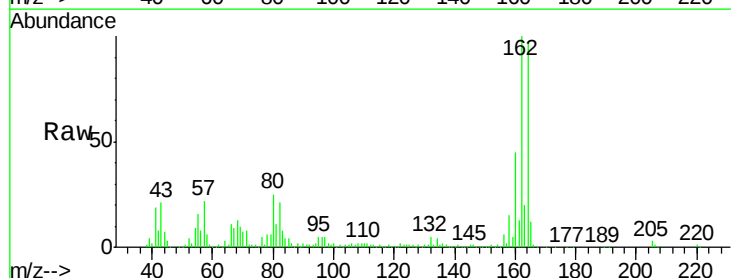
Tgt Ion:164 Resp: 183390

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

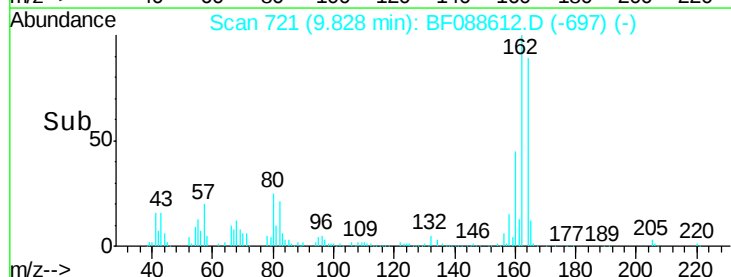
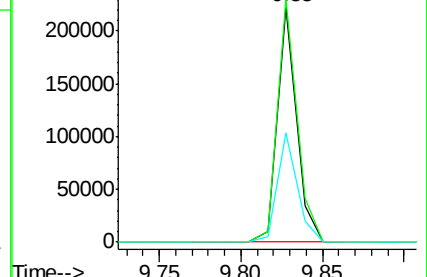
160 46.4 39.5 59.3

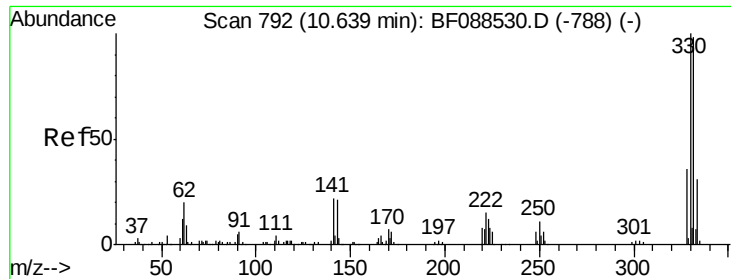


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

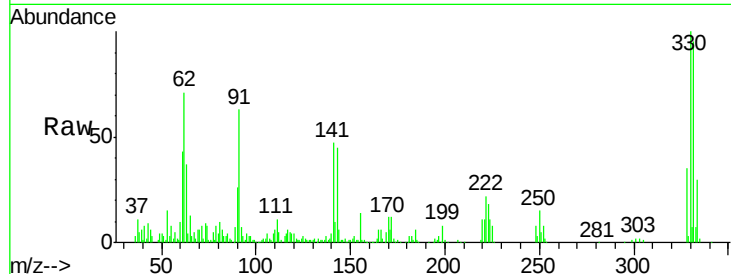




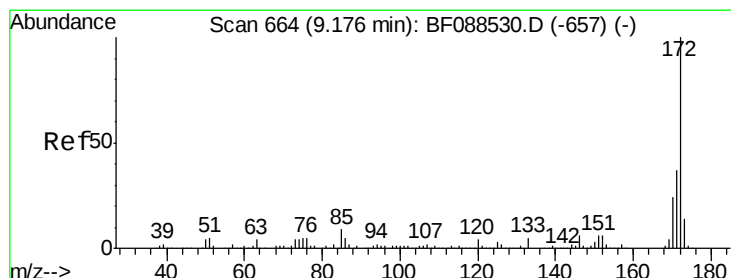
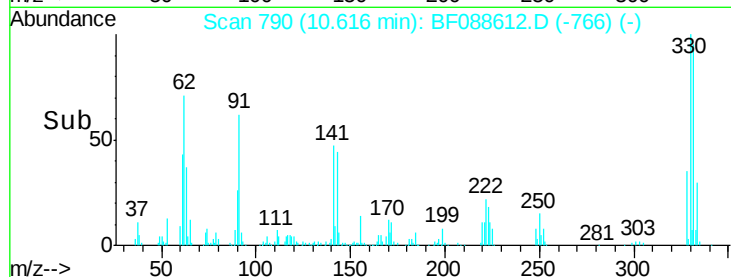
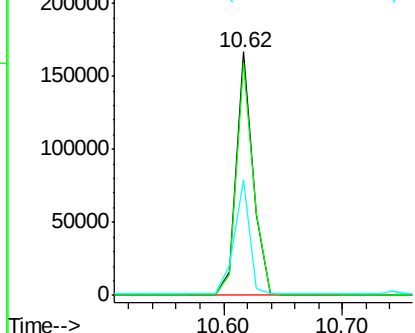
#41
 2,4,6-Tribromophenol
 Concen: 97.22 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	42.9	0.0	0.0#

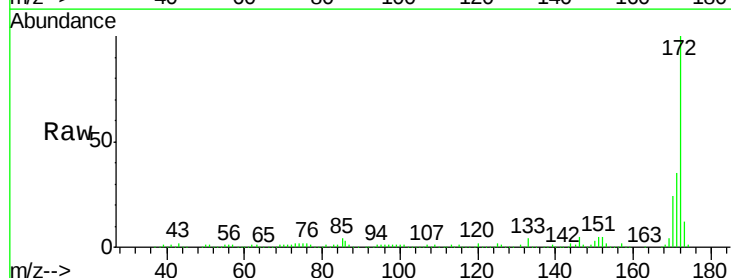


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

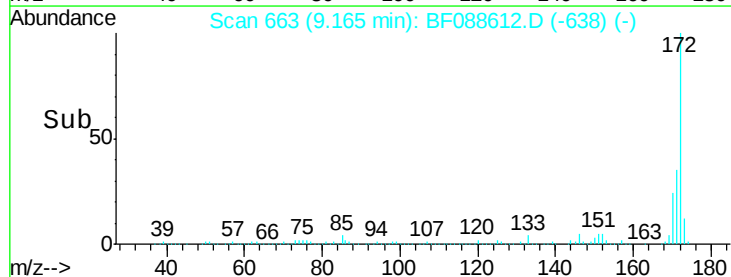
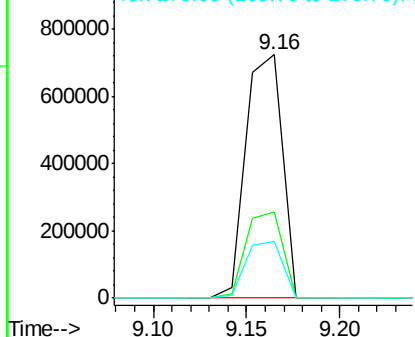


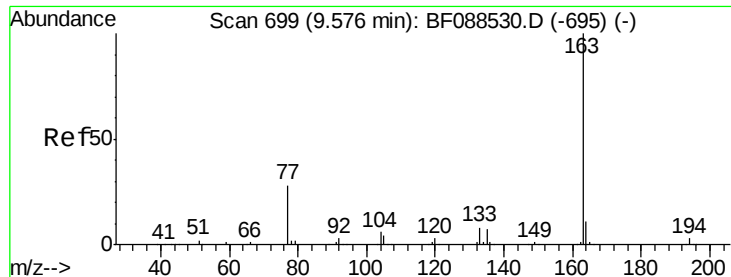
#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.2	28.8



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: 10.73 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

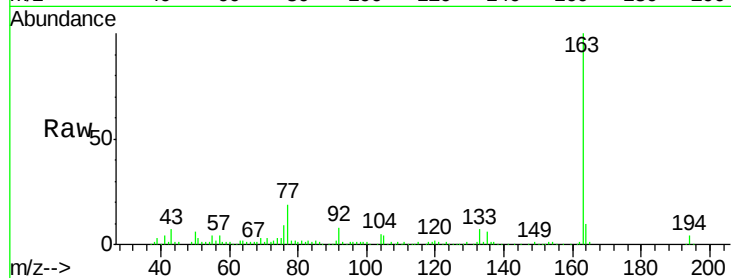
Tgt Ion:163 Resp: 140248

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

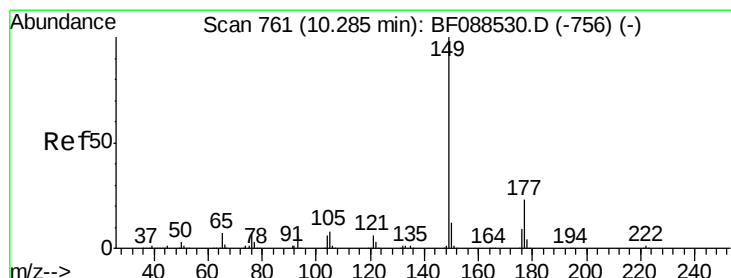
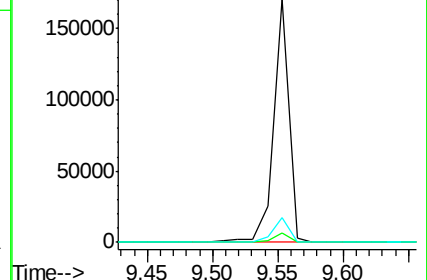
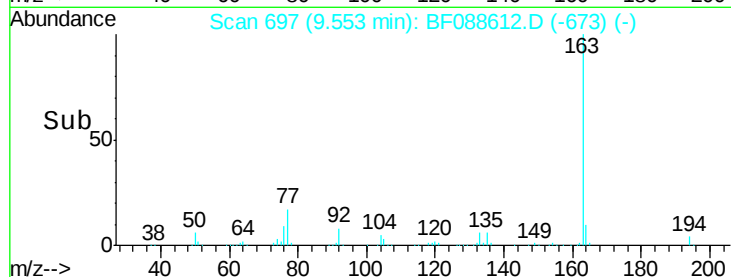
164 10.3 8.3 12.5



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



#59

Diethylphthalate

Concen: 2.94 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.05 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

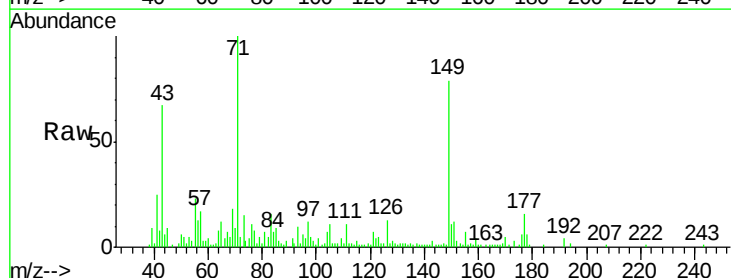
Tgt Ion:149 Resp: 38537

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

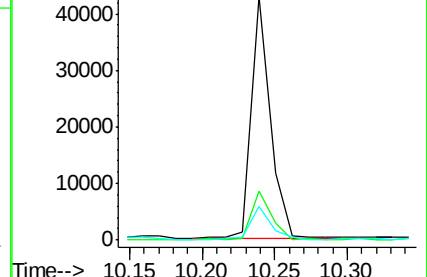
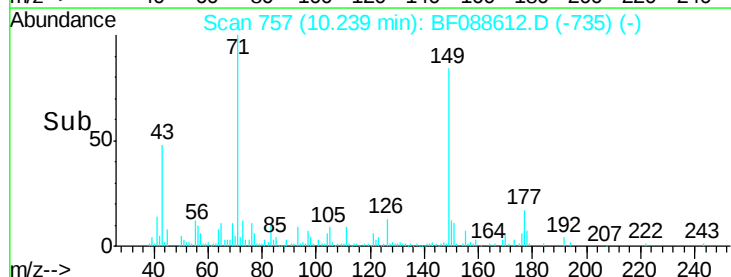
150 13.7 10.1 15.1

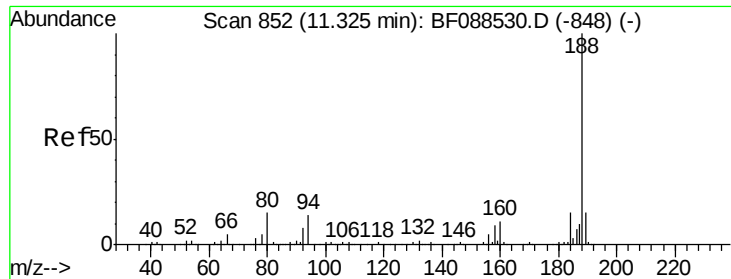


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

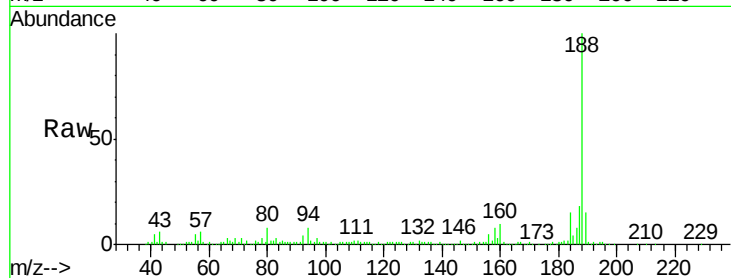




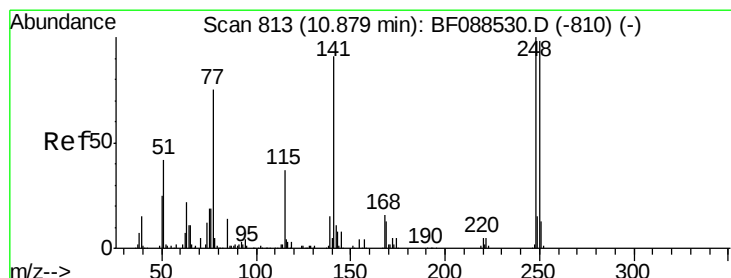
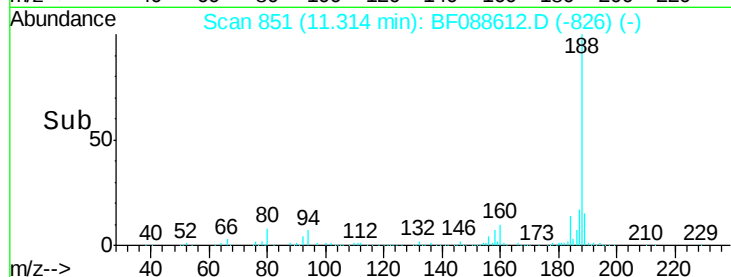
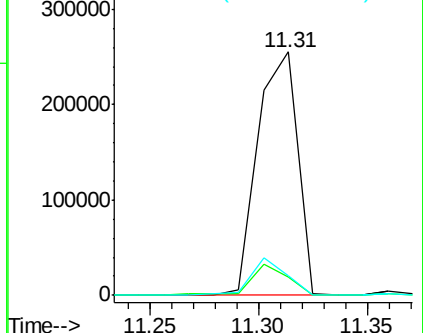
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Instrument :
BNA_F
ClientSampleId :
EPCH-B2(00-0.5)

Tgt Ion:188 Resp: 328428
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.9 10.0 15.0#

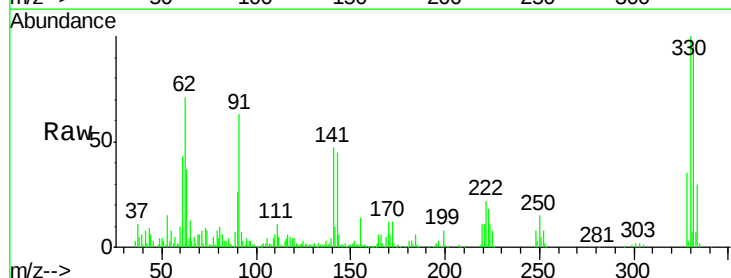


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

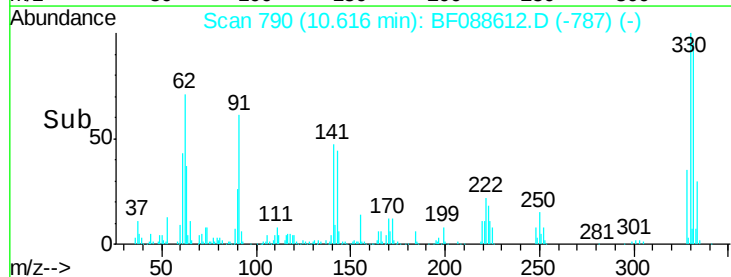
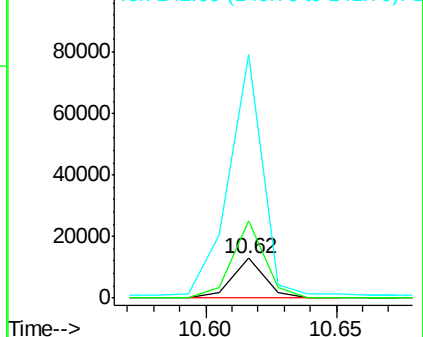


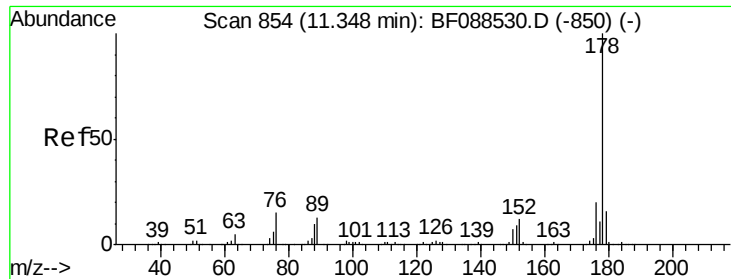
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Tgt Ion:248 Resp: 11380
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 616.4 50.6 76.0#



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

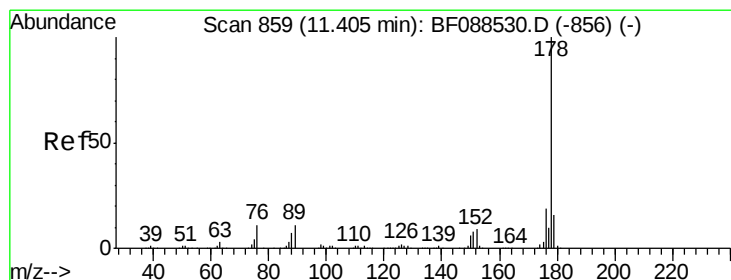
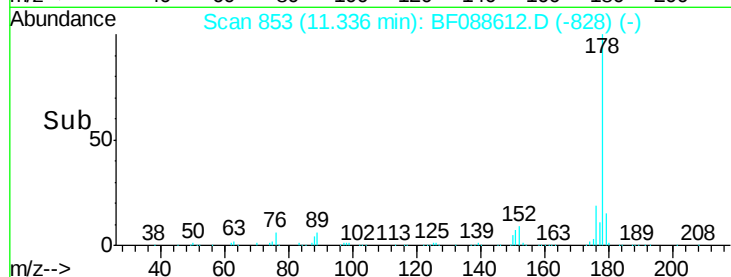
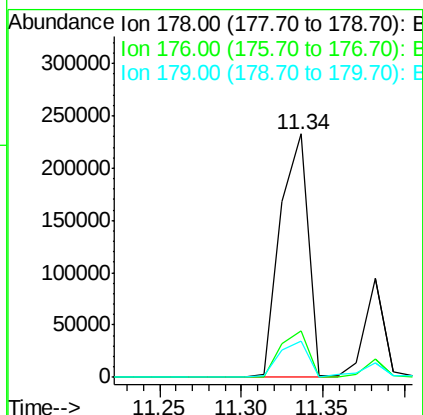
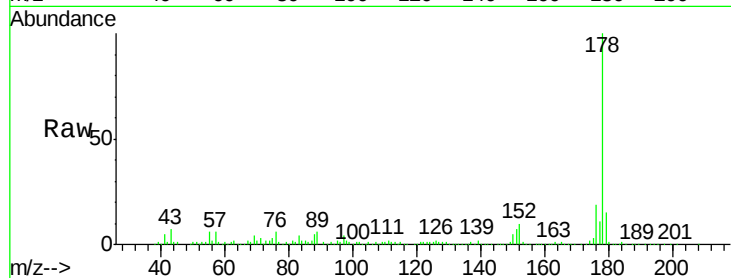




#70
Phenanthrene
Concen: 15.61 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

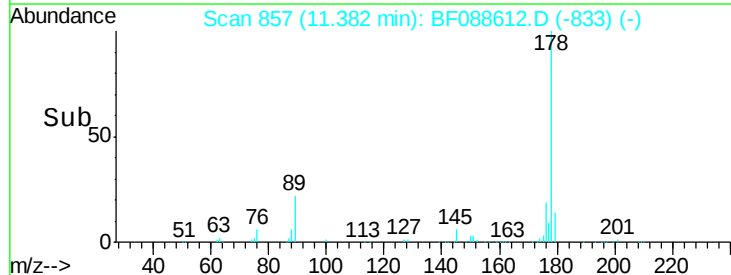
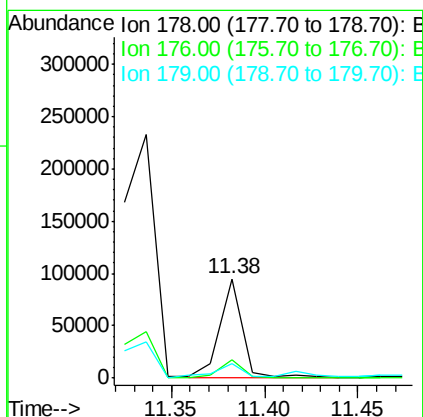
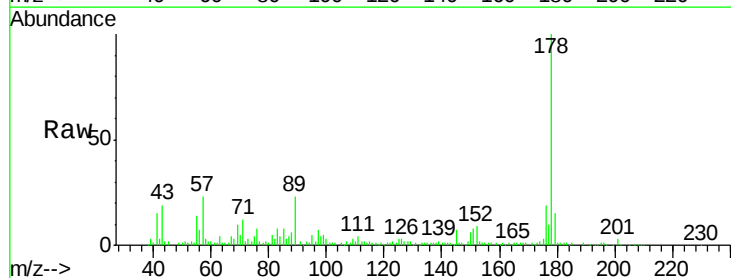
Instrument :
BNA_F
ClientSampleId :
EPCH-B2(00-0.5)

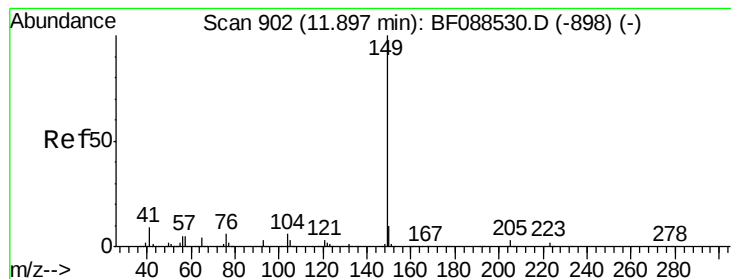
Tgt Ion:178 Resp: 280301
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 4.44 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Tgt Ion:178 Resp: 79319
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.9 12.8 19.2





#73

Di-n-butylphthalate

Concen: 11.81 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

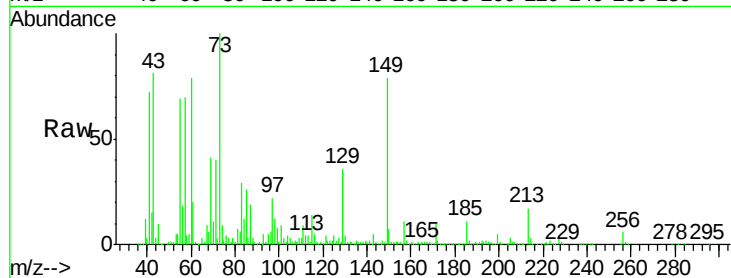
Tgt Ion:149 Resp: 230725

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

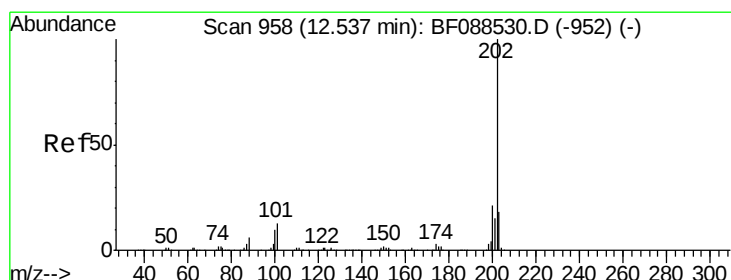
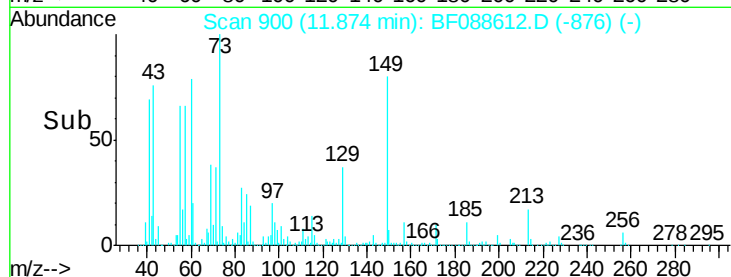
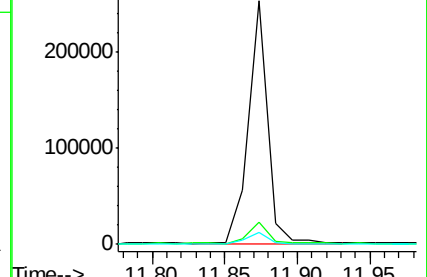
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.14 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

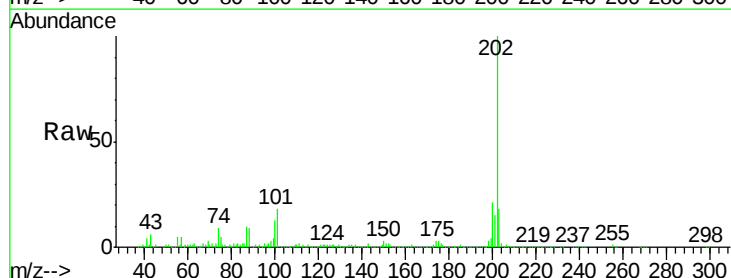
Tgt Ion:202 Resp: 530417

Ion Ratio Lower Upper

202 100

101 17.6 0.0 33.1

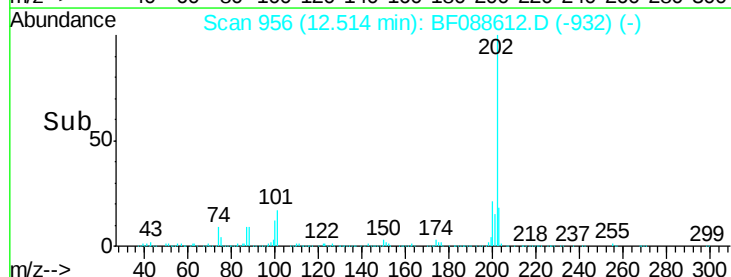
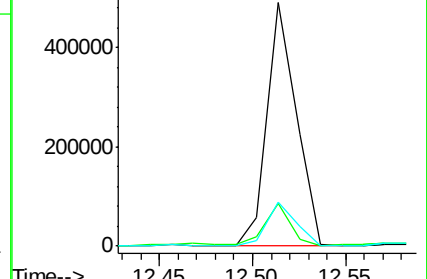
203 18.3 0.0 38.1

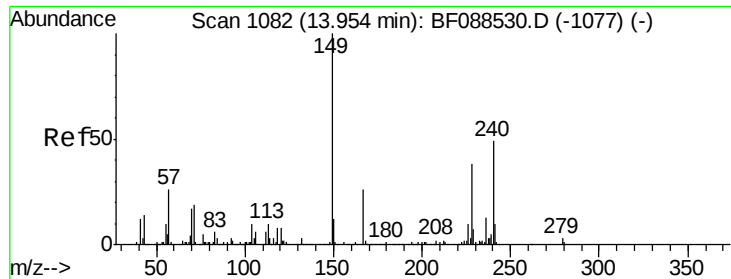


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

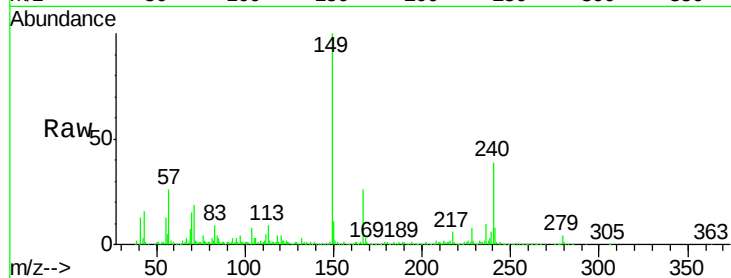




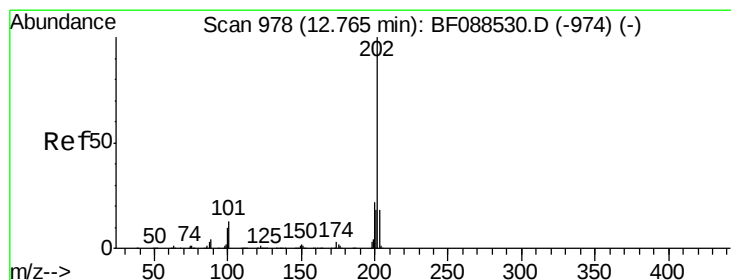
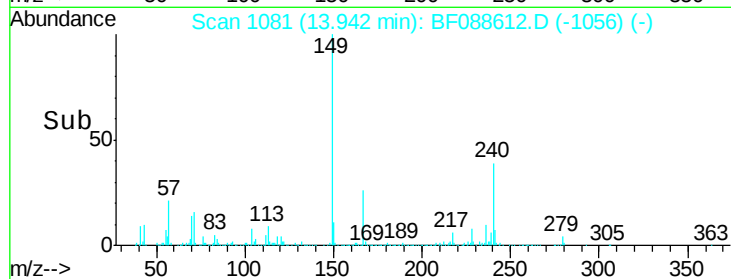
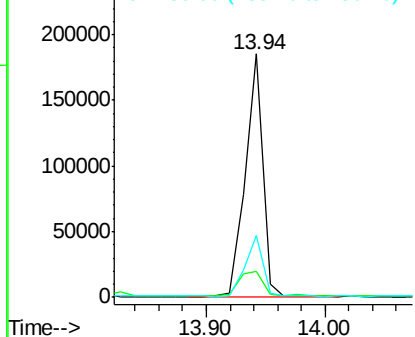
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Instrument :
BNA_F
ClientSampleId :
EPCH-B2(00-0.5)

Tgt Ion:240 Resp: 190129
Ion Ratio Lower Upper
240 100
120 10.5 6.8 10.2#
236 25.6 20.2 30.2

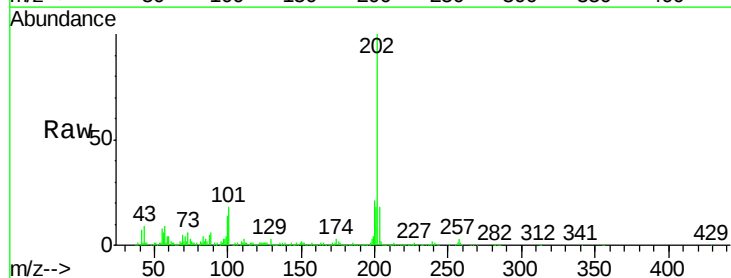


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

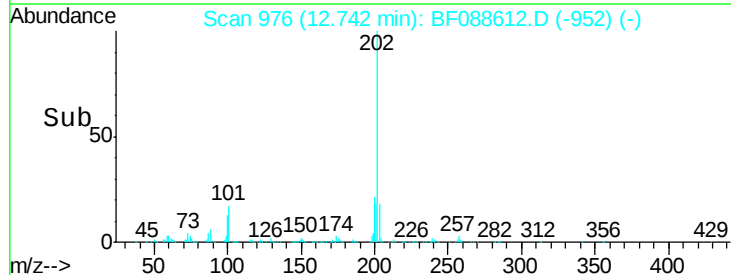
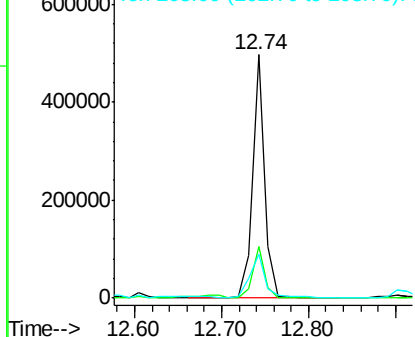


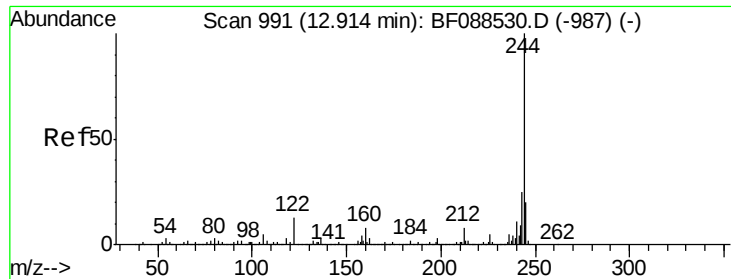
#77
Pyrene
Concen: 29.64 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Tgt Ion:202 Resp: 477857
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

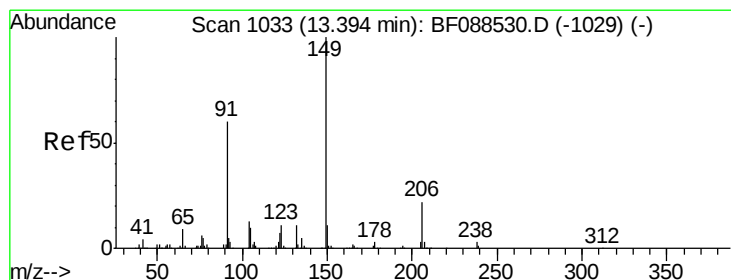
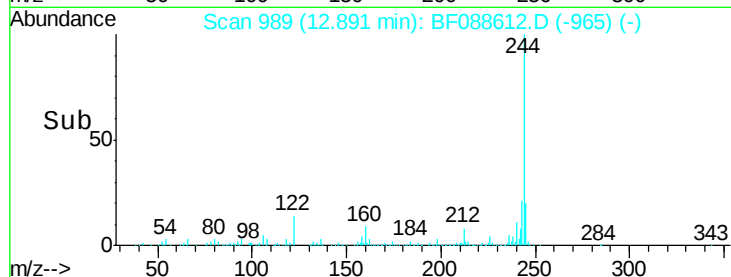
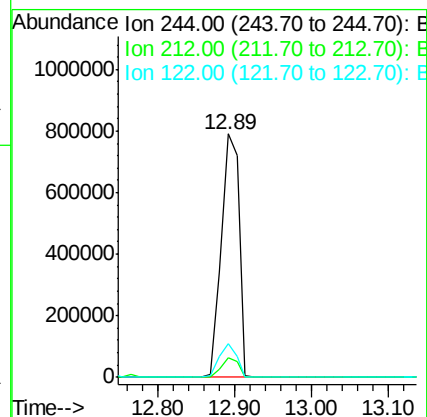
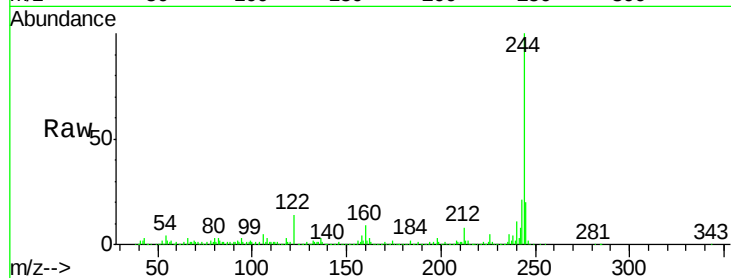




#78
 Terphenyl-d14
 Concen: 151.04 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

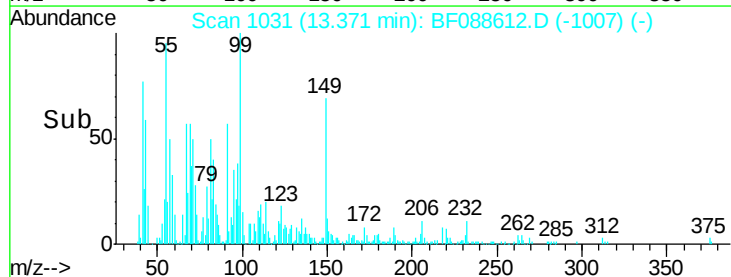
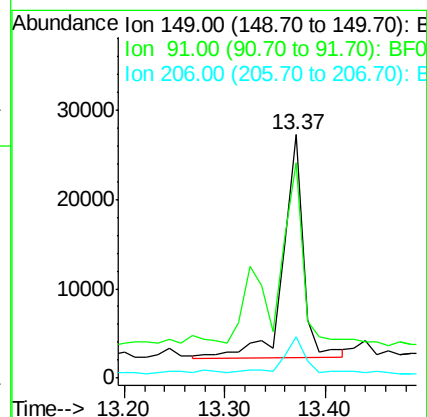
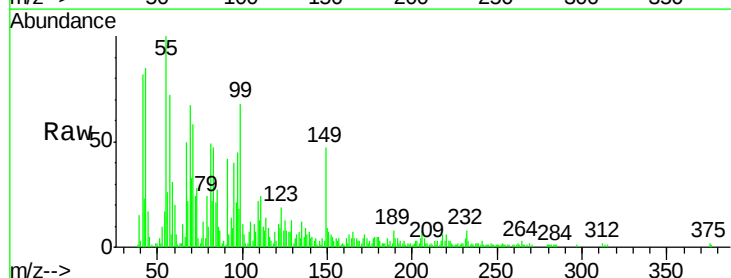
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(00-0.5)

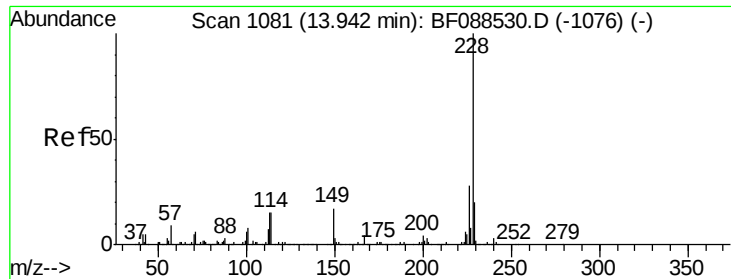
Tgt Ion:244 Resp: 1289284
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.9 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 4.77 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Tgt Ion:149 Resp: 34276
 Ion Ratio Lower Upper
 149 100
 91 88.4 48.0 72.0#
 206 17.0 16.0 24.0

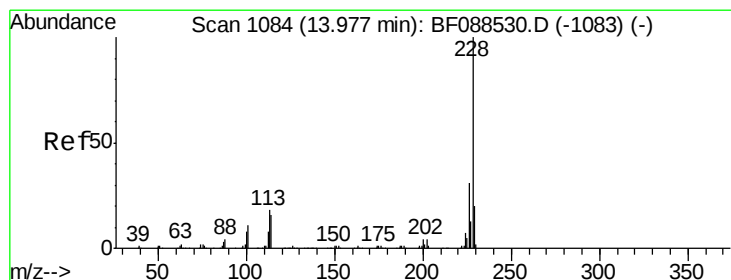
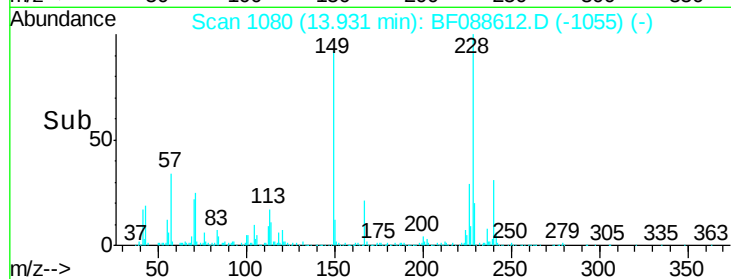
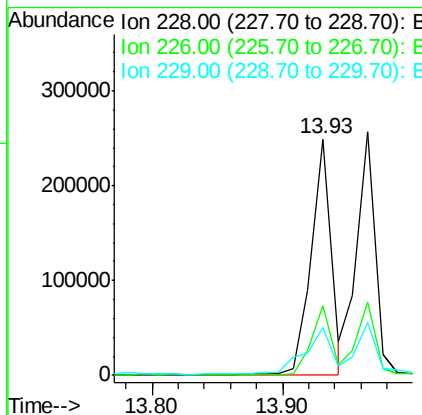
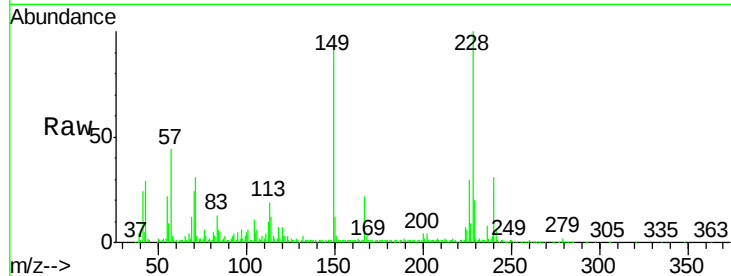




#80
Benzo(a)anthracene
Concen: 21.53 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

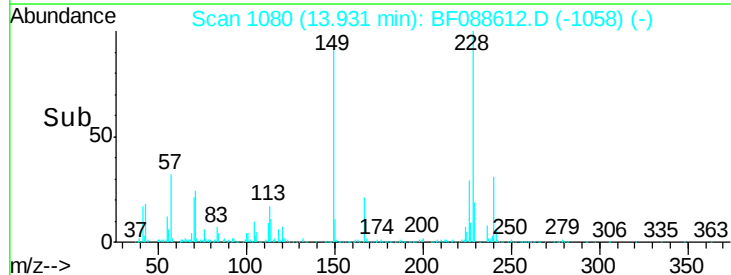
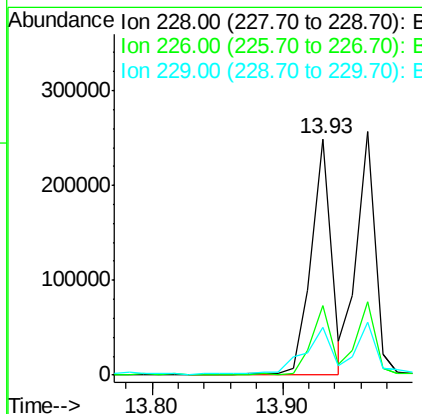
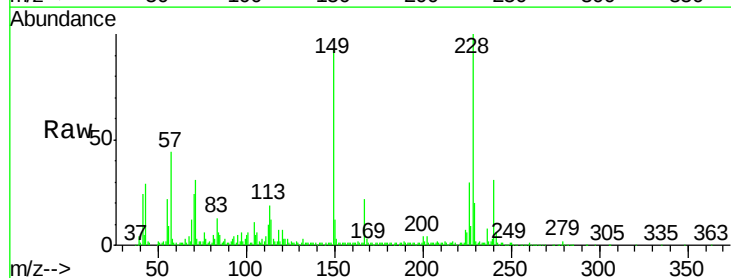
Instrument :
BNA_F
ClientSampleId :
EPCH-B2(00-0.5)

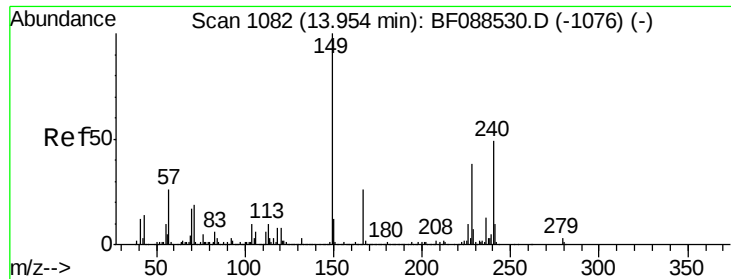
Tgt Ion:228 Resp: 263639
Ion Ratio Lower Upper
228 100
226 29.5 22.3 33.5
229 20.4 16.0 24.0



#82
Chrysene
Concen: 21.77 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.05 min
Lab File: BF088612.D
Acq: 2 Jul 2016 12:47

Tgt Ion:228 Resp: 263639
Ion Ratio Lower Upper
228 100
226 29.5 25.4 38.2
229 20.4 16.3 24.5

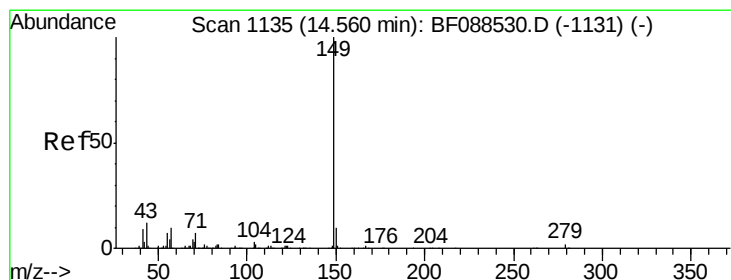
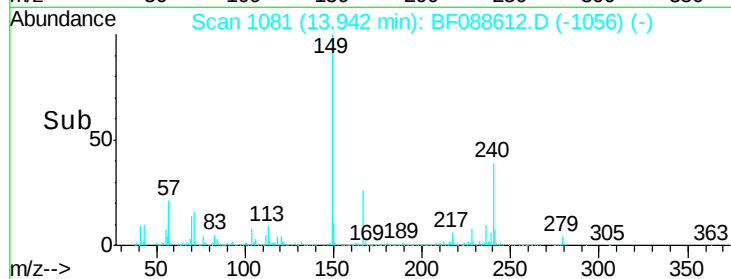
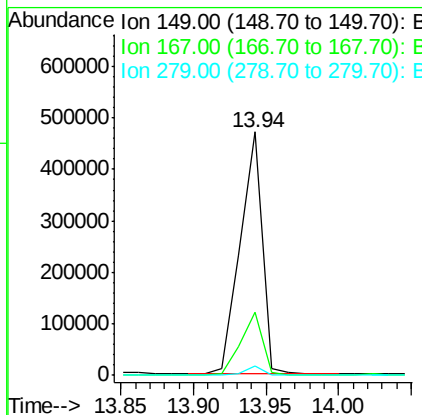
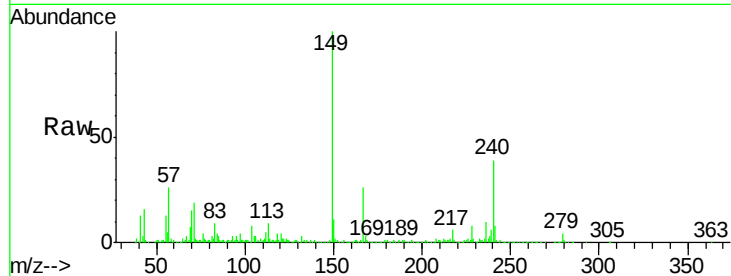




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.17 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

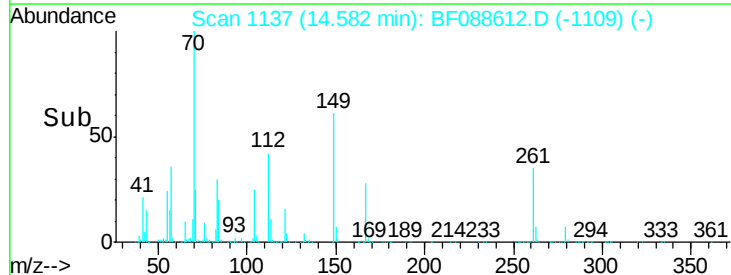
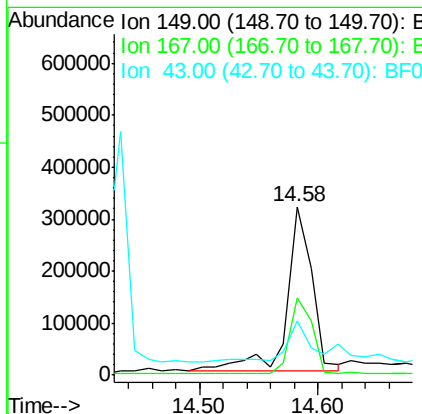
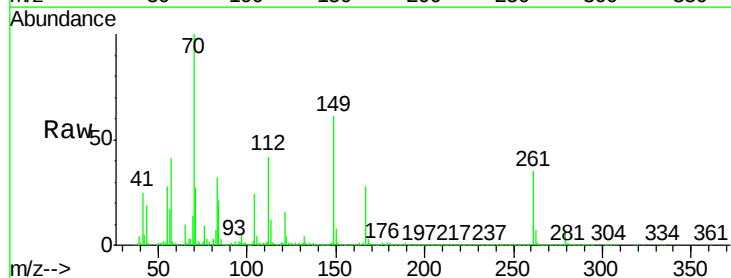
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(00-0.5)

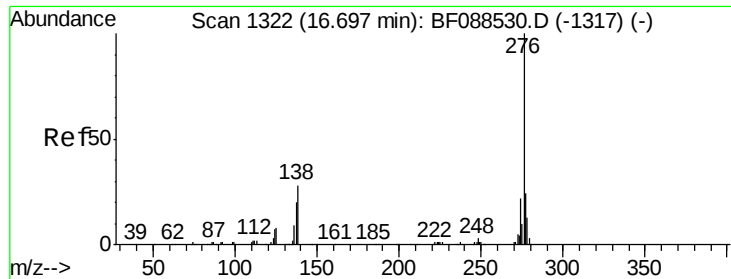
Tgt Ion:149 Resp: 494001
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.5 30.7
 279 3.8 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 33.00 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. 0.02 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Tgt Ion:149 Resp: 460317
 Ion Ratio Lower Upper
 149 100
 167 40.4 0.0 0.0#
 43 18.0 0.0 0.0#

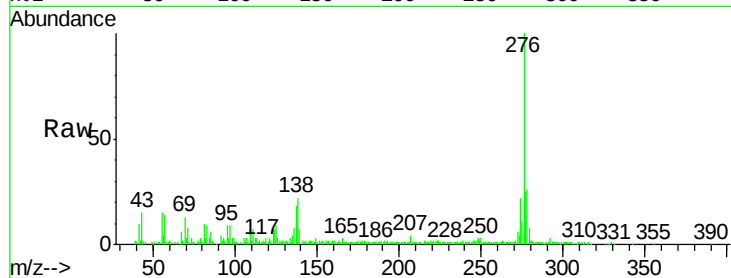




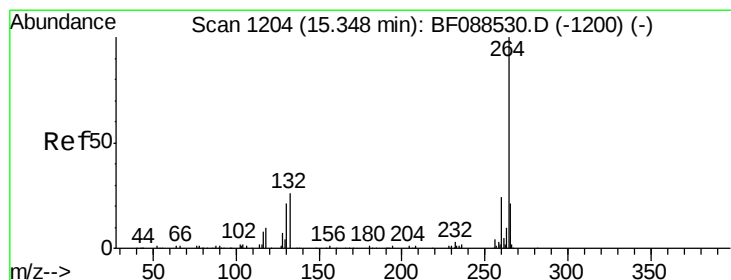
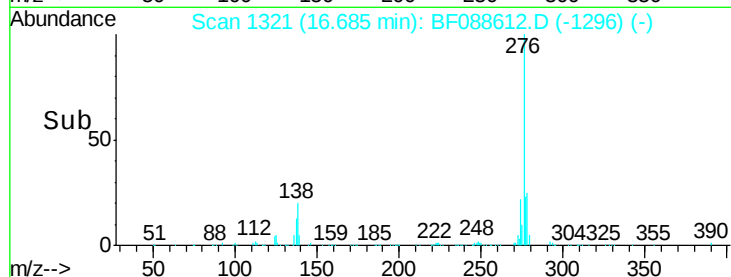
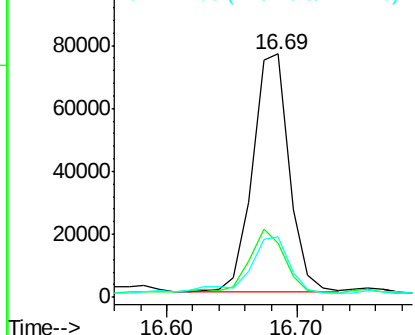
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.00 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(00-0.5)

Tgt Ion:276 Resp: 149107
 Ion Ratio Lower Upper
 276 100
 138 27.1 0.0 0.0#
 277 27.4 0.0 0.0#

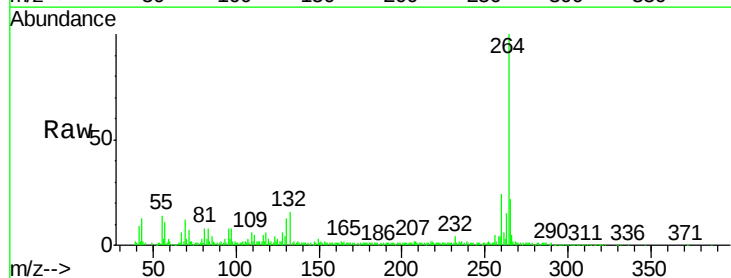


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

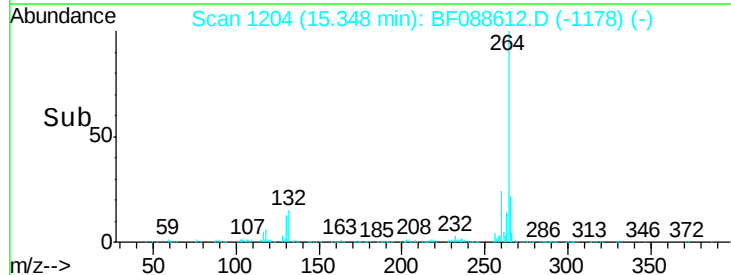
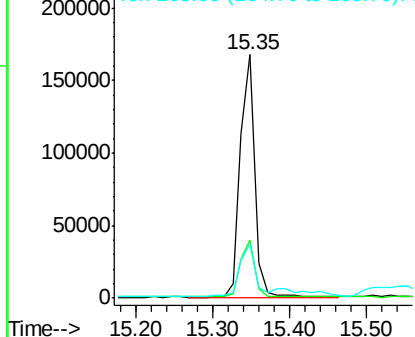


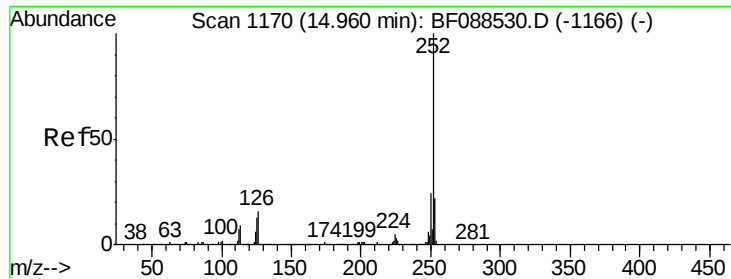
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088612.D
 Acq: 2 Jul 2016 12:47

Tgt Ion:264 Resp: 223061
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.3 16.9 25.3



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





#87

Benzo(b)fluoranthene

Concen: 32.75 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

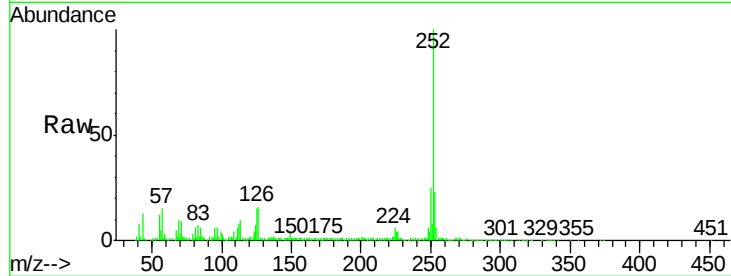
Tgt Ion:252 Resp: 458225

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

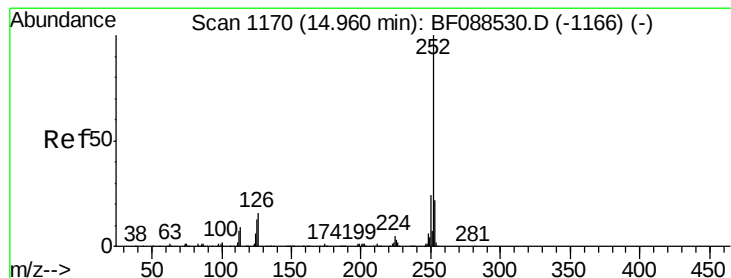
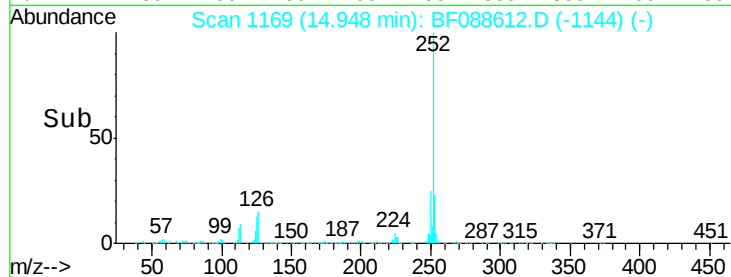
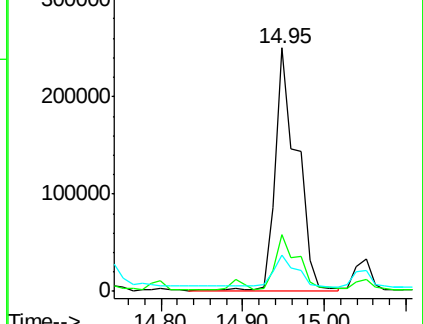
125 15.1 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.58 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

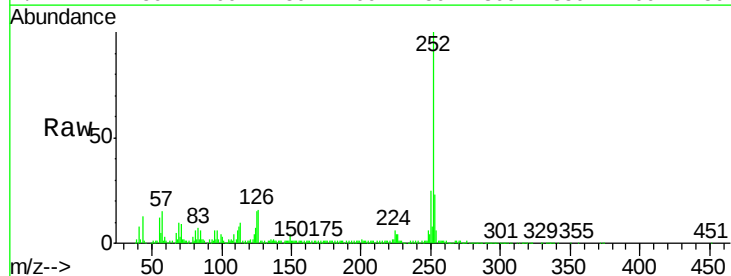
Tgt Ion:252 Resp: 457742

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

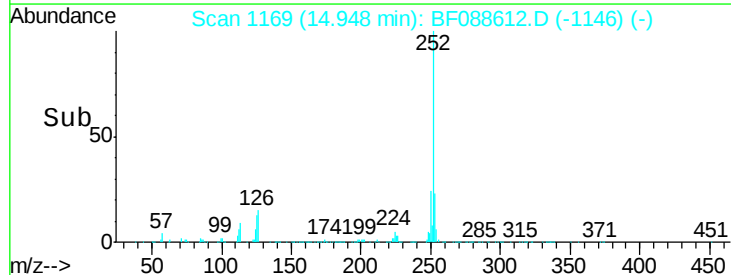
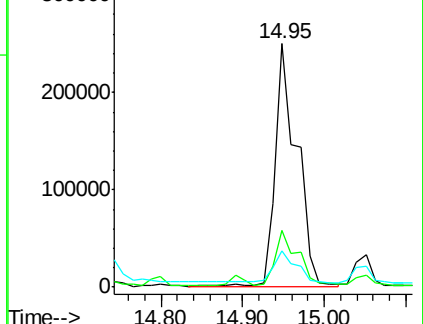
125 15.1 11.2 16.8

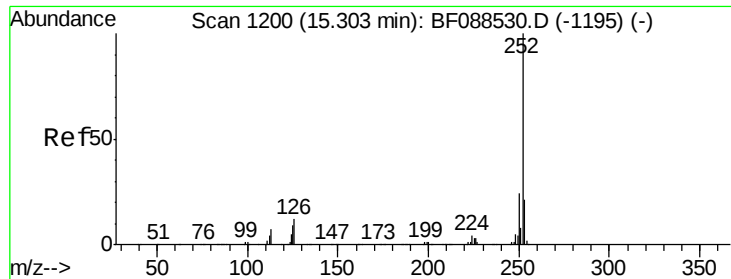


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 20.36 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(00-0.5)

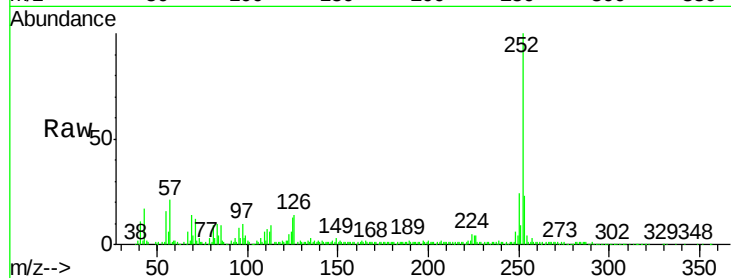
Tgt Ion:252 Resp: 241258

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

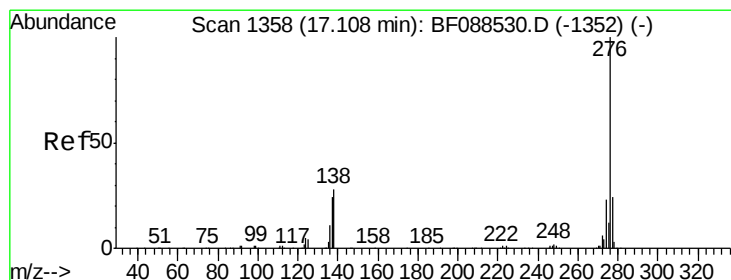
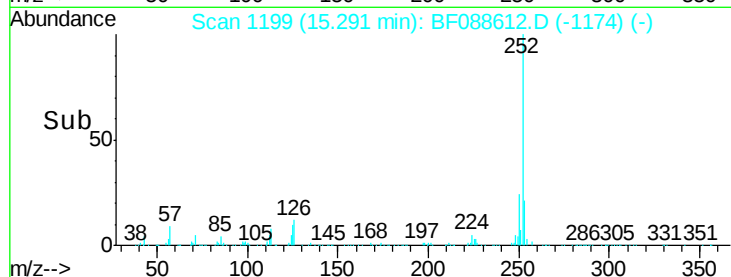
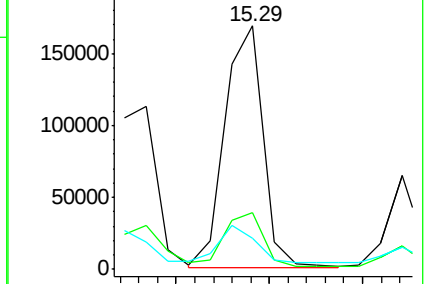
125 12.5 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 13.93 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF088612.D

Acq: 2 Jul 2016 12:47

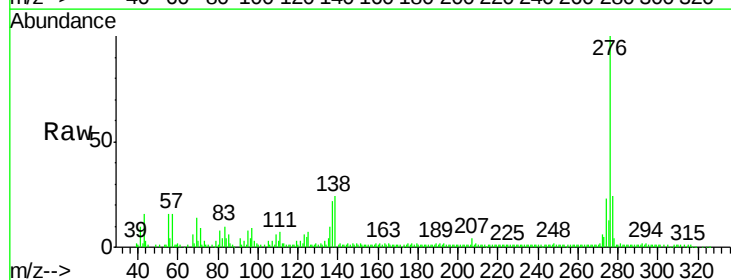
Tgt Ion:276 Resp: 142613

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 24.2 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

