

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101496.D
 Acq On : 18 Dec 2017 22:18
 Operator : SJ/JU
 Sample : I6888-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(65-67)

Quant Time: Dec 19 01:26:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

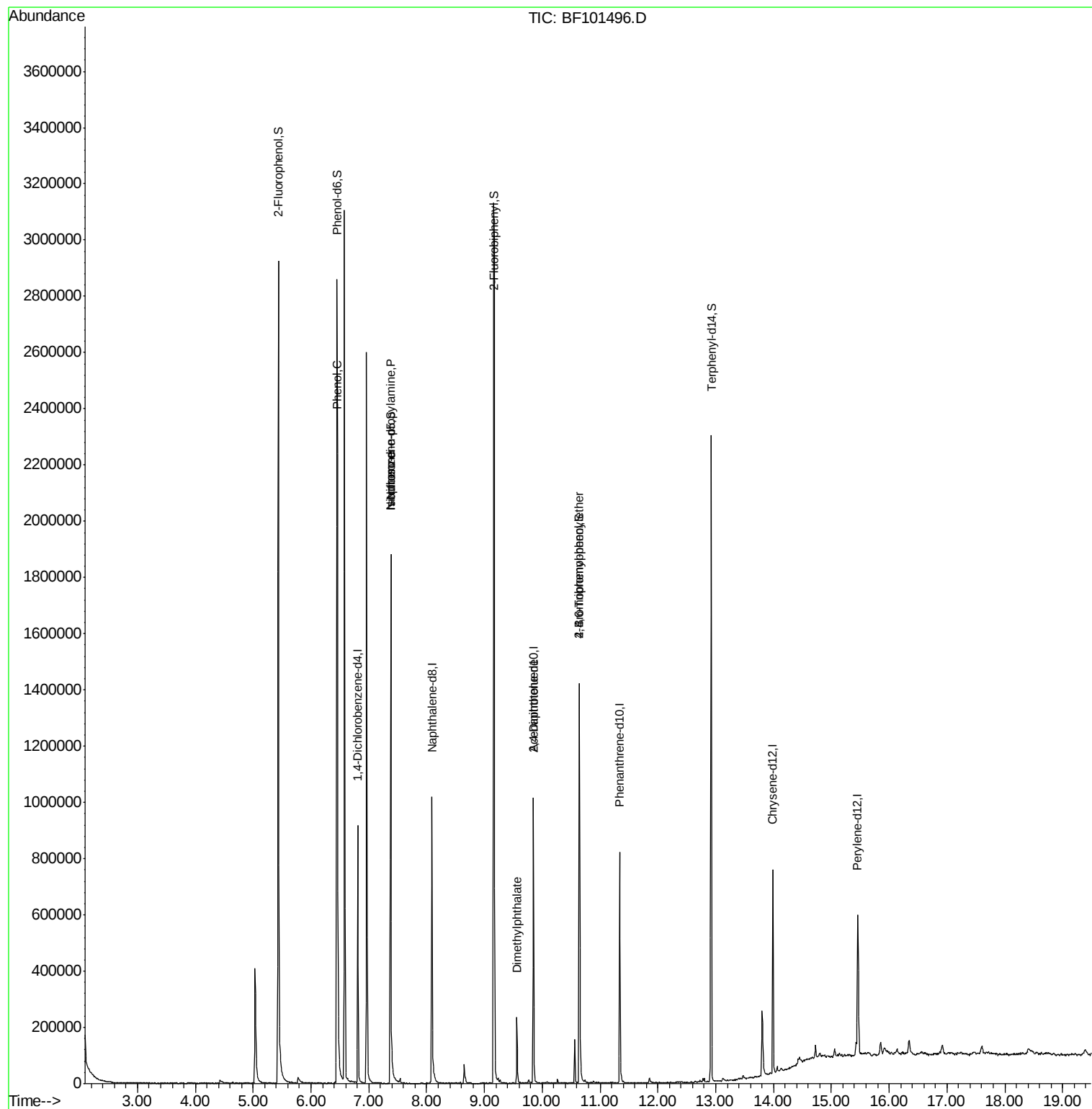
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138446	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	526606	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	204973	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	325078	20.00	ng	0.00
75) Chrysene-d12	13.99	240	281967	20.00	ng	0.00
86) Perylene-d12	15.46	264	257064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	985828	106.07	ng	0.01
7) Phenol-d6	6.45	99	1171626	101.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	702801	74.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	205237	103.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1147636	86.85	ng	0.00
78) Terphenyl-d14	12.92	244	756267	64.66	ng	0.00
Target Compounds						
10) Phenol	6.46	94	50646	3.84	ng	85
19) n-Nitroso-di-n-propylamine	7.38	70	92989	12.24	ng	# 78
25) Isophorone	7.38	82	702797	37.03	ng	# 64
49) Dimethylphthalate	9.56	163	103528	6.28	ng	99
56) 2,4-Dinitrotoluene	9.85	165	25334	6.71	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	12266	3.36	ng	# 1

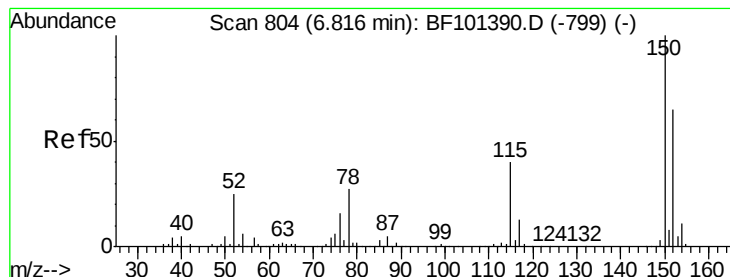
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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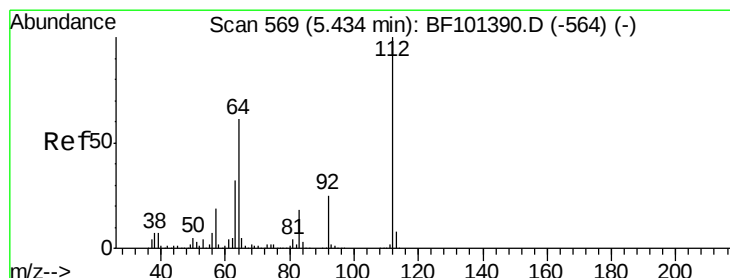
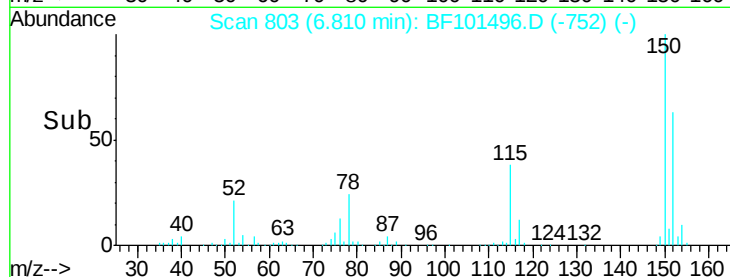
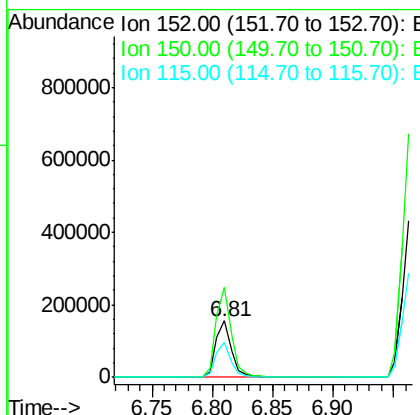
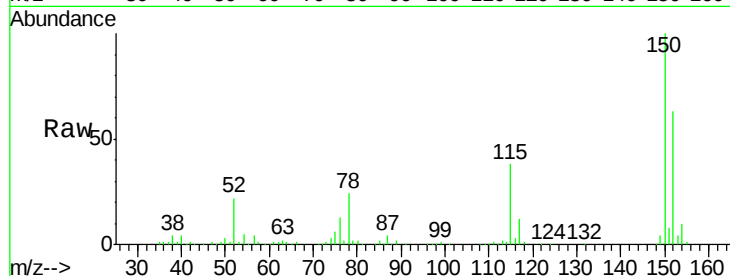


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

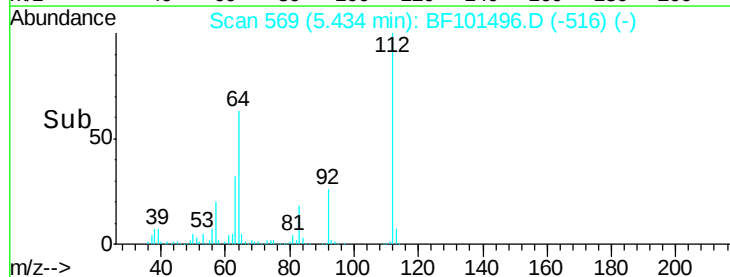
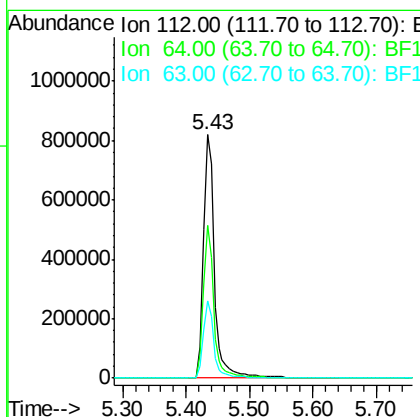
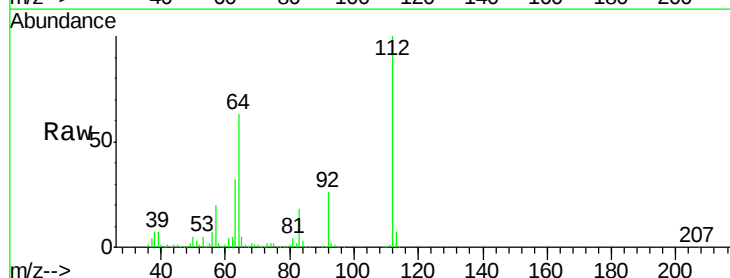
Tot Ion:152 Resp: 138446
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.2 50.1 75.1

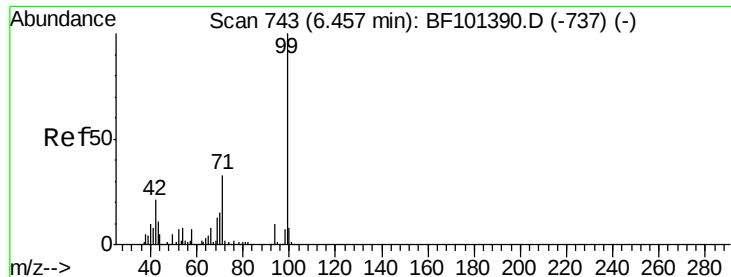


#5

2-Fluorophenol
Concen: 106.07 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:112 Resp: 985828
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 101.29 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(65-67)

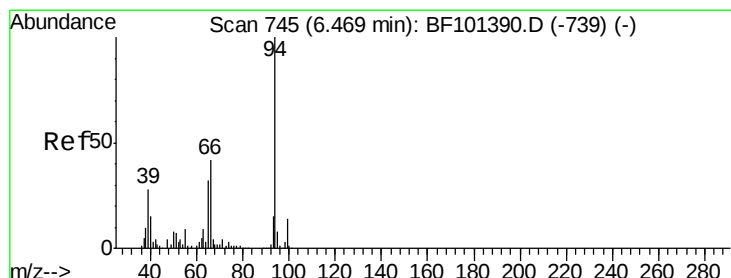
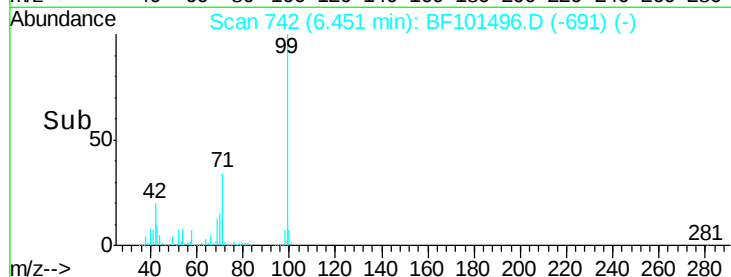
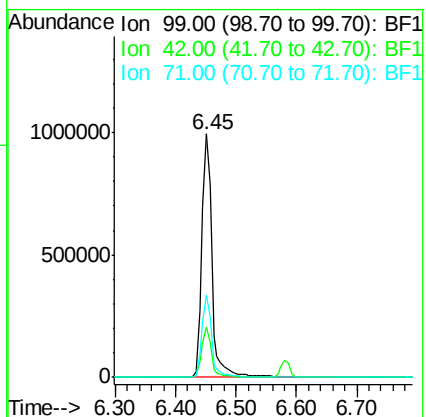
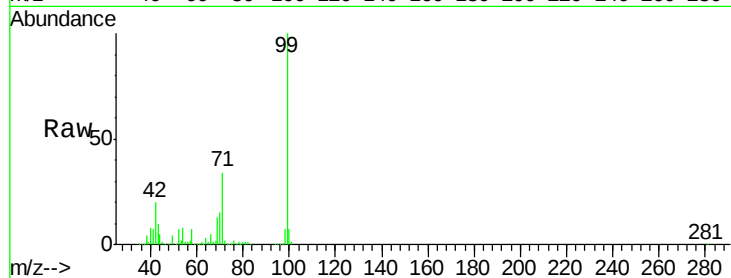
Tot Ion: 99 Resp: 1171626

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 3.84 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

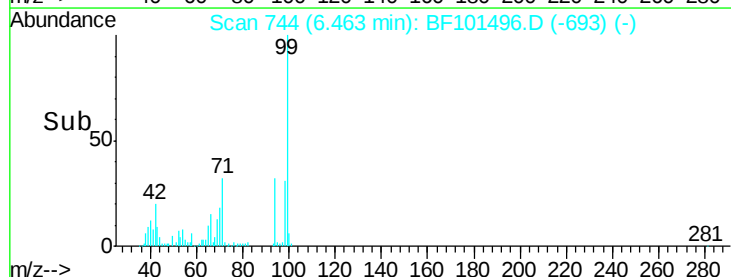
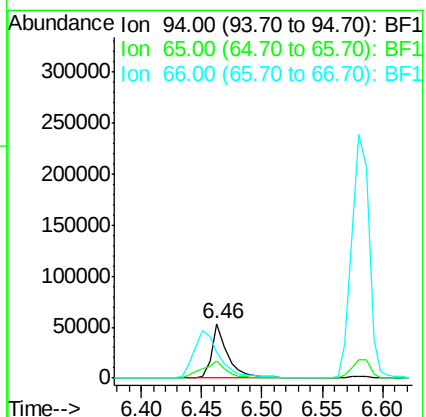
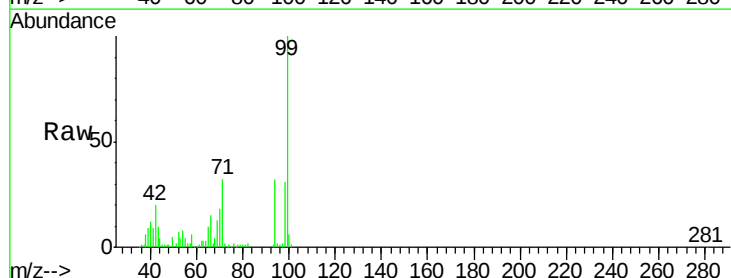
Tgt Ion: 94 Resp: 50646

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

66 47.8 16.2 56.2

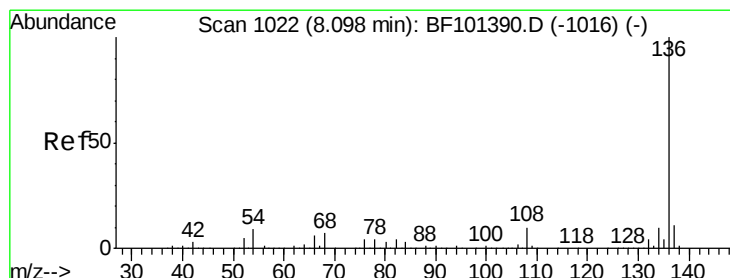
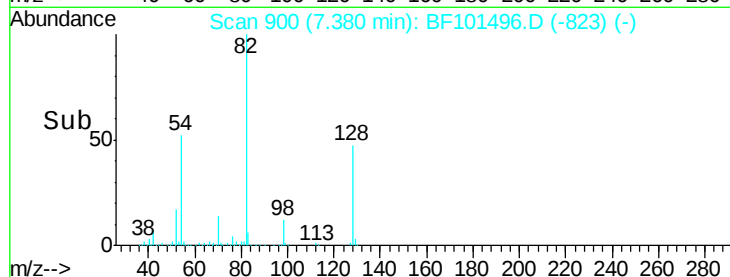
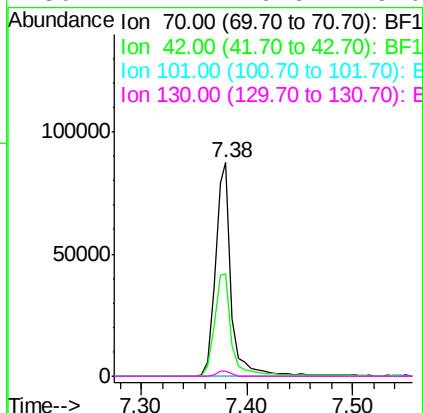
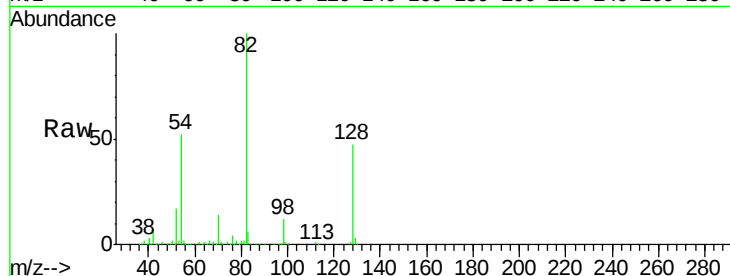




#19
n-Nitroso-di-n-propylamine
Concen: 12.24 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

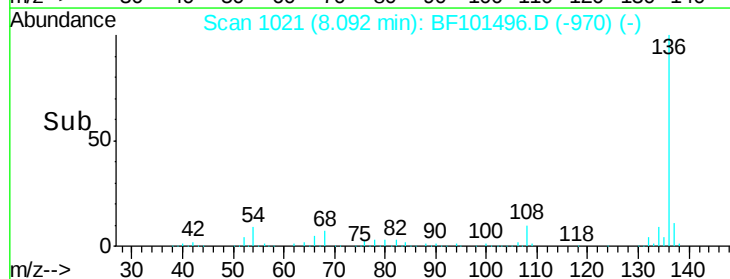
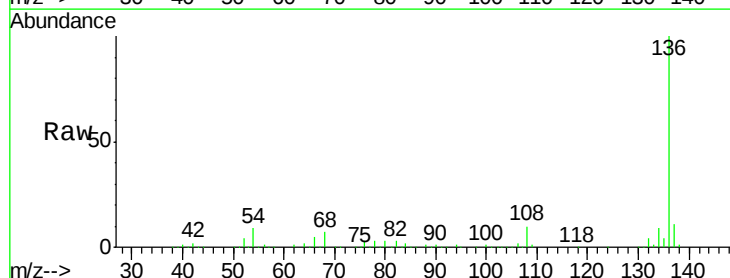
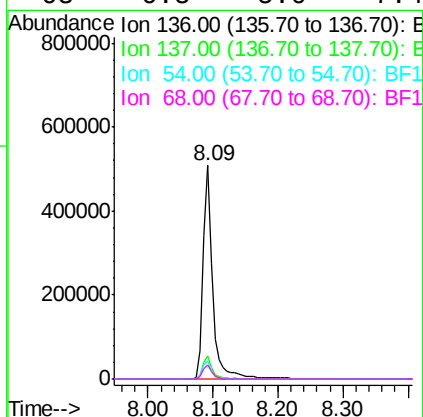
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

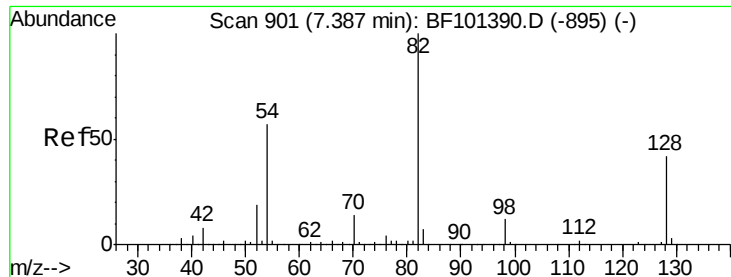
Tot Ion: 70 Resp: 92989
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:136 Resp: 526606
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.7 6.6 9.8
68 6.5 5.0 7.4

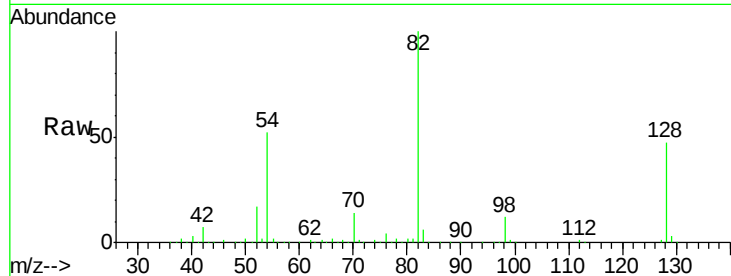




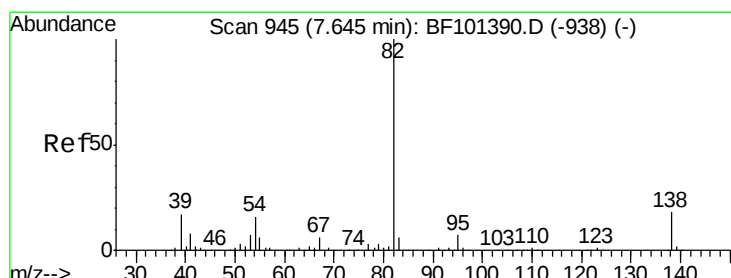
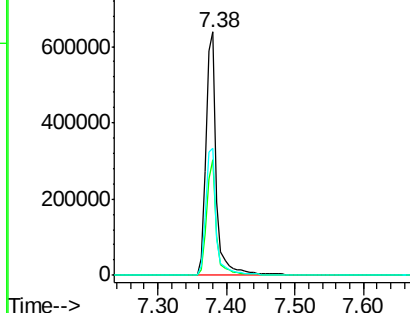
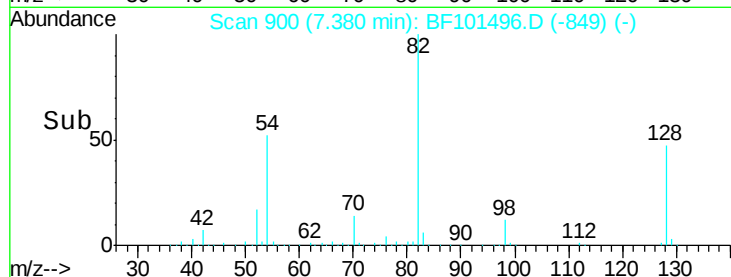
#23
Nitrobenzene-d5
Concen: 74.29 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tot Ion: 82 Resp: 702801
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 52.1 41.4 62.2

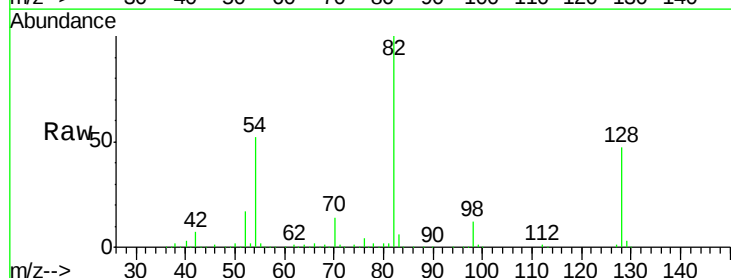


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

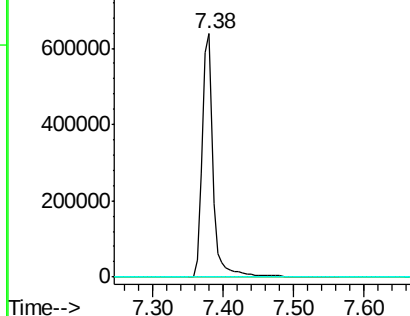
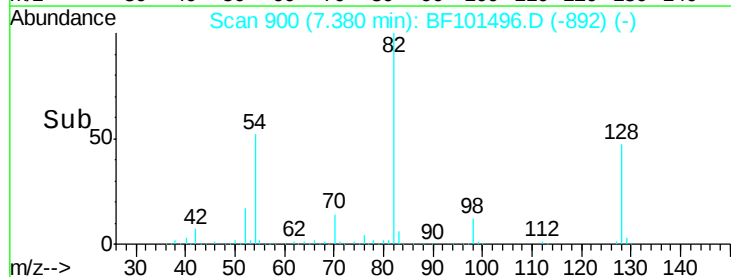


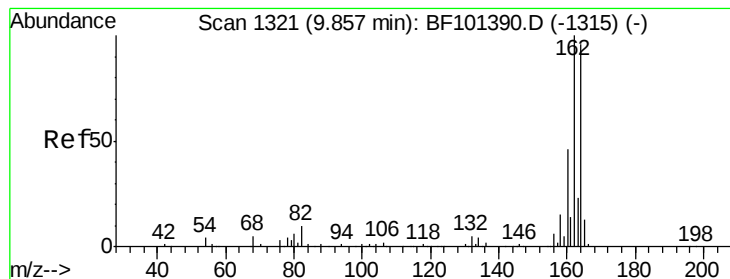
#25
Isophorone
Concen: 37.03 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion: 82 Resp: 702797
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: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

Instrument :

BNA_F

ClientSampleId :

EPE-122-2(65-67)

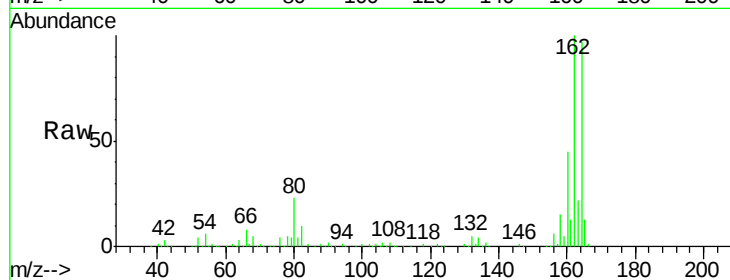
Tot Ion:164 Resp: 204973

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

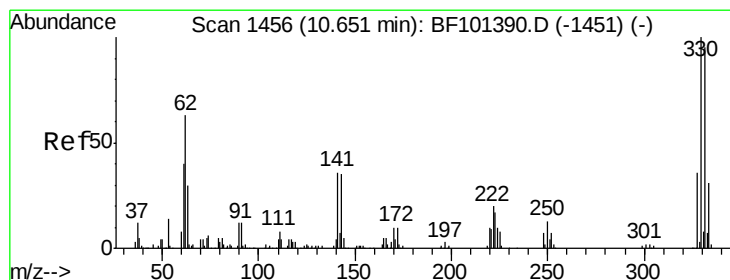
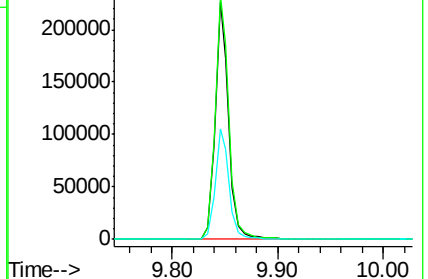
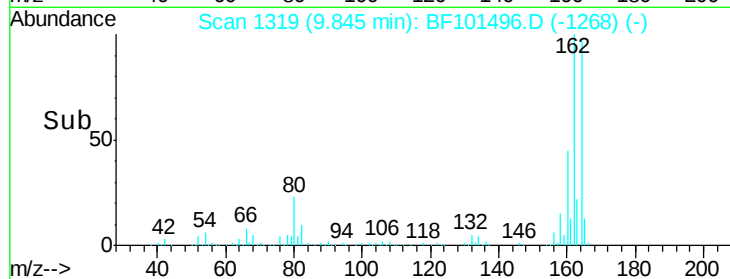
160 46.7 38.3 57.5



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: 103.91 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

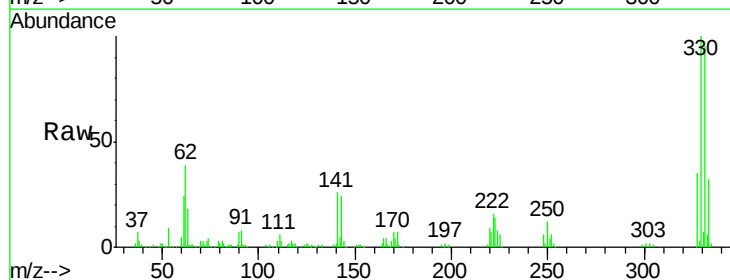
Tgt Ion:330 Resp: 205237

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

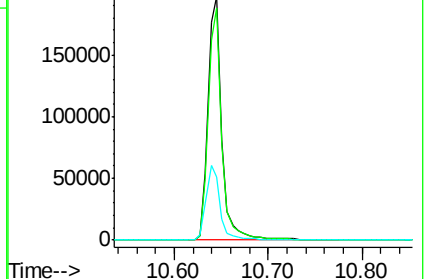
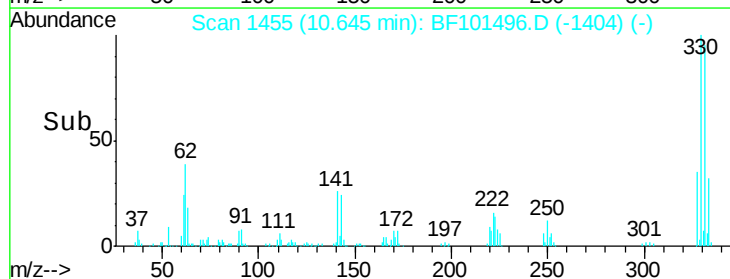
141 31.4 29.9 44.9

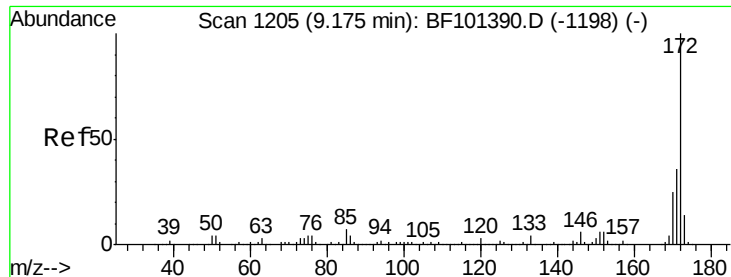


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

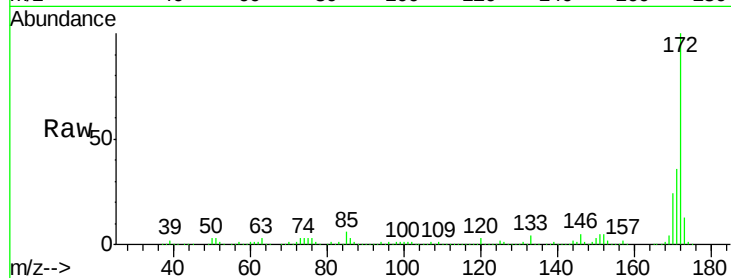




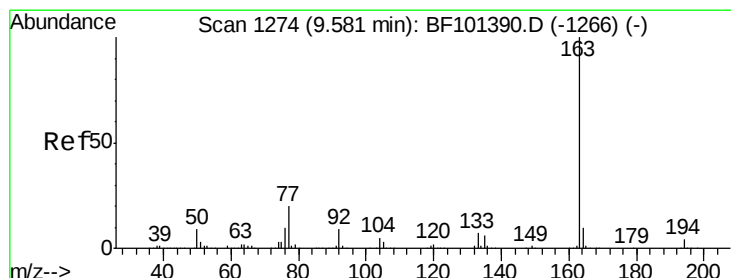
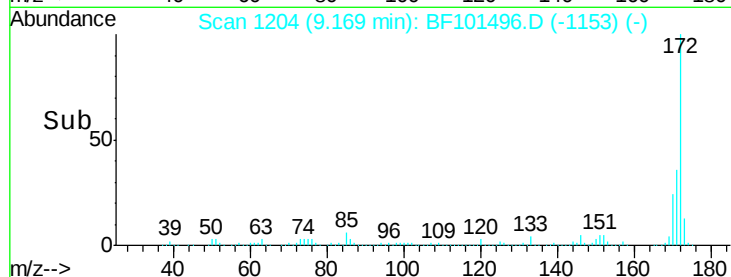
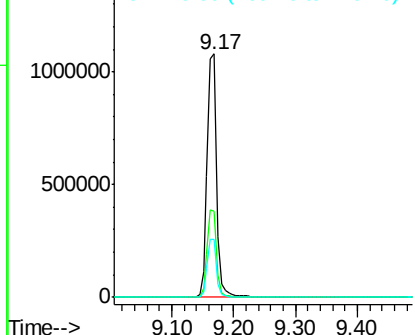
#44
2-Fluorobiphenyl
Concen: 86.85 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tot Ion:172 Resp: 1147636
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.9 19.6 29.4

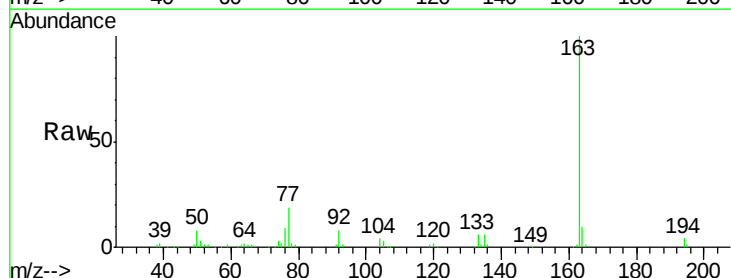


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

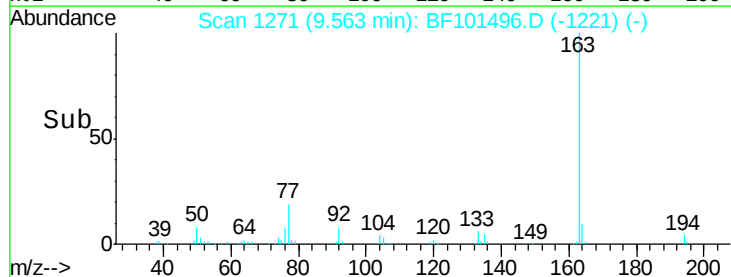
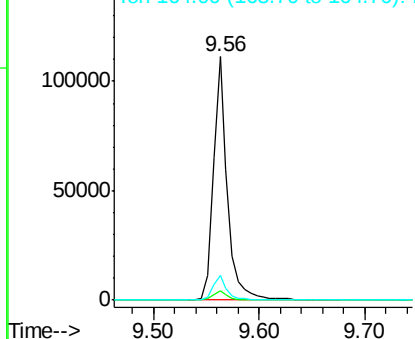


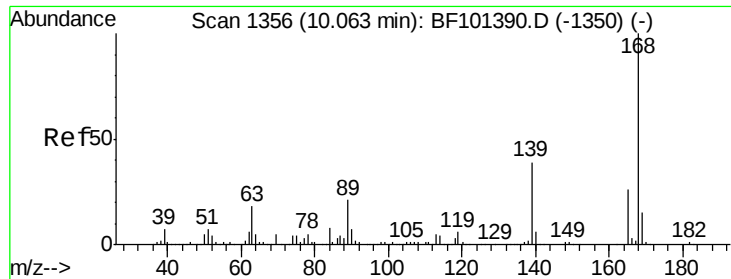
#49
Dimethylphthalate
Concen: 6.28 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:163 Resp: 103528
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 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

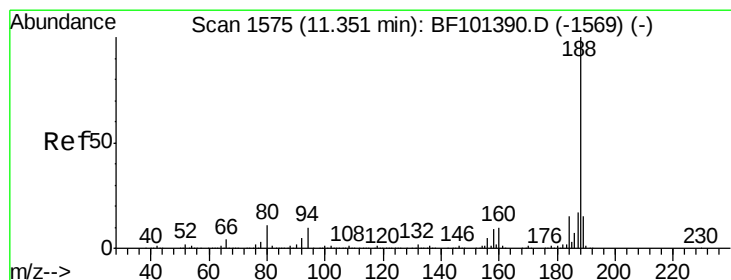
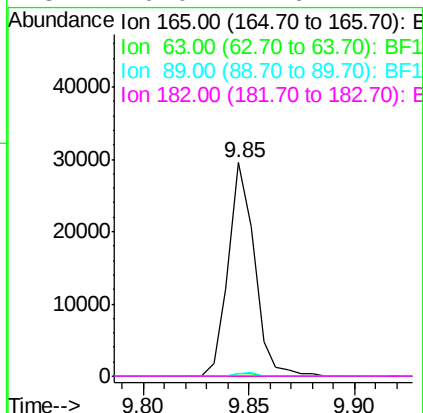
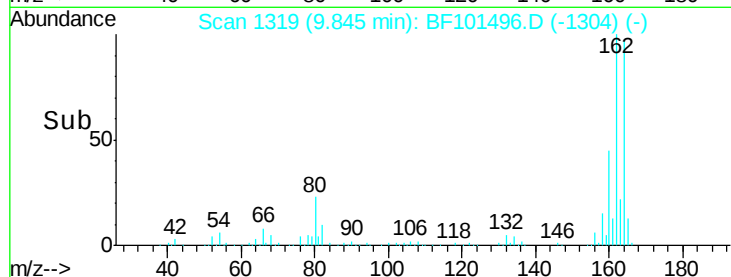
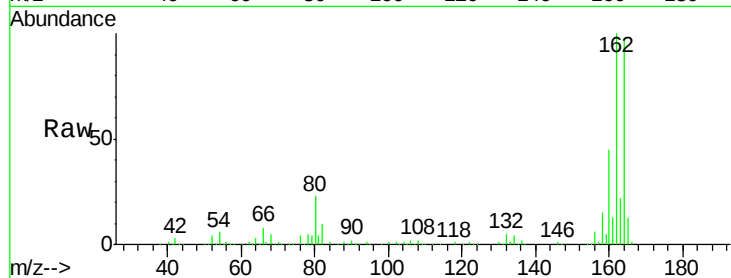




#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101496.D
 Acq: 18 Dec 2017 22:18

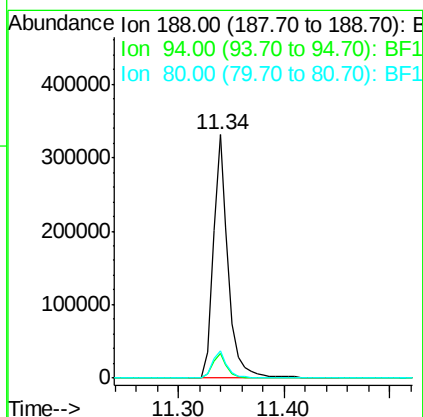
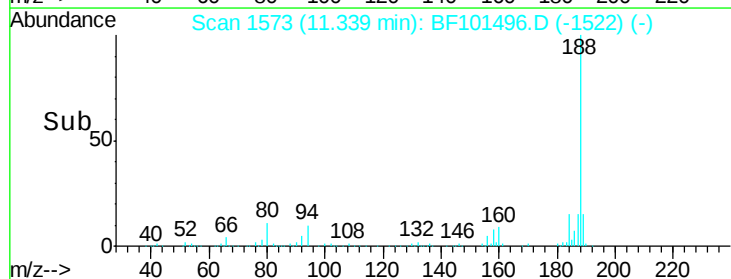
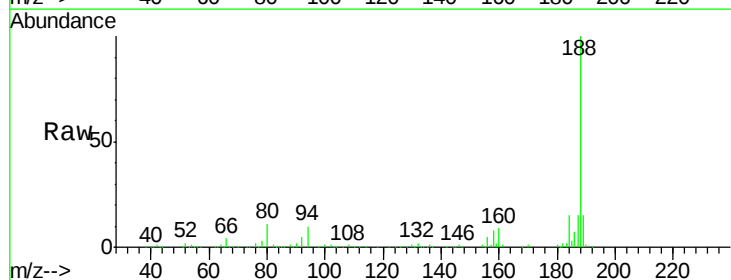
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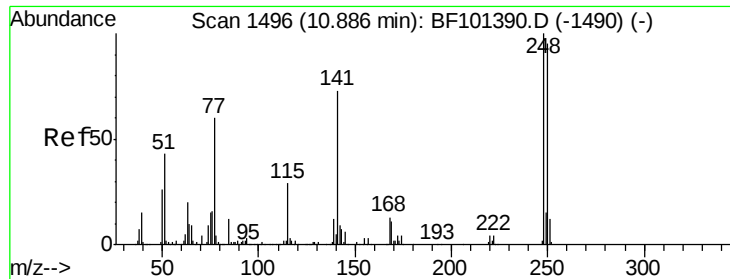
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101496.D
 Acq: 18 Dec 2017 22:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

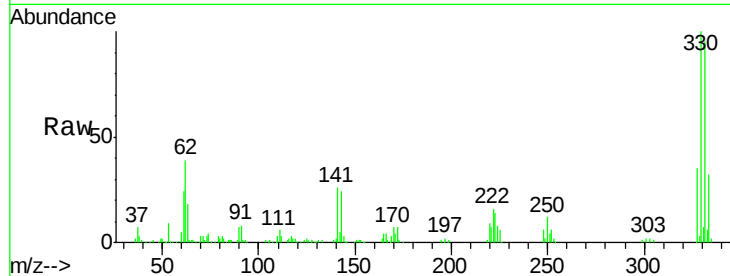




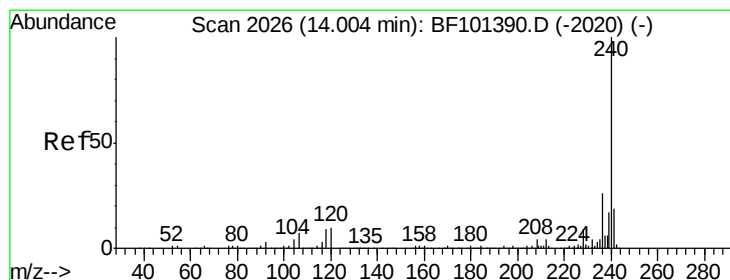
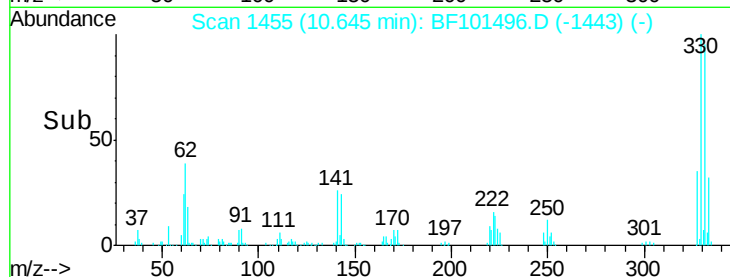
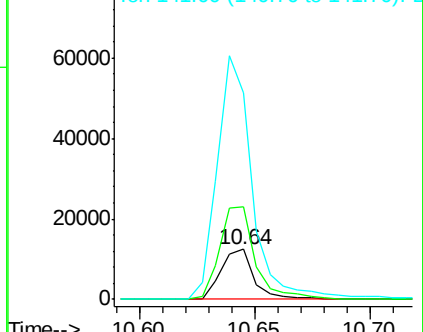
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tot Ion:248 Resp: 12266
Ion Ratio Lower Upper
248 100
250 184.6 76.9 115.3#
141 414.6 74.4 111.6#

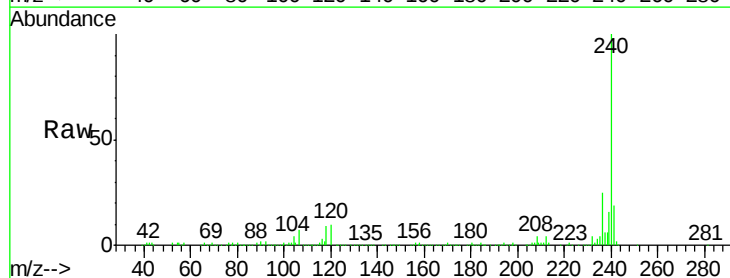


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

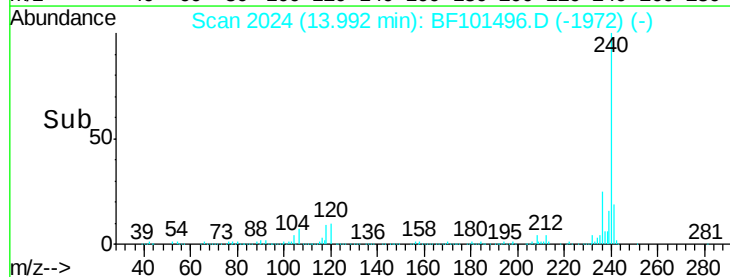
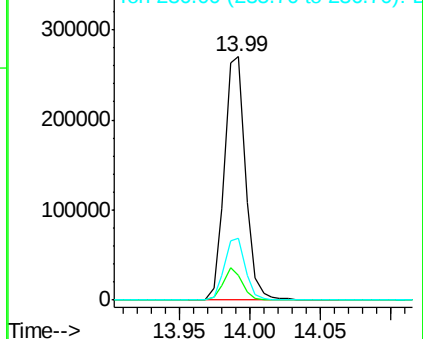


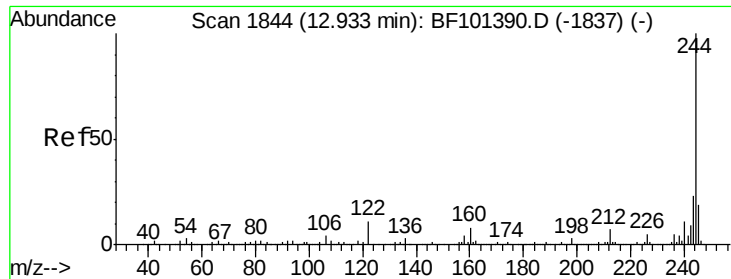
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:240 Resp: 281967
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.4 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: 64.66 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

Instrument :

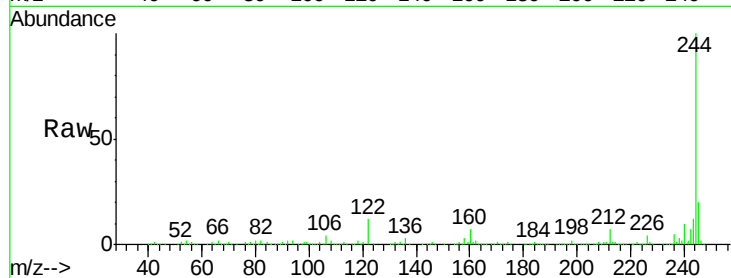
BNA_F

ClientSampleId :

EPE-122-2(65-67)

Tot Ion:244 Resp: 756267

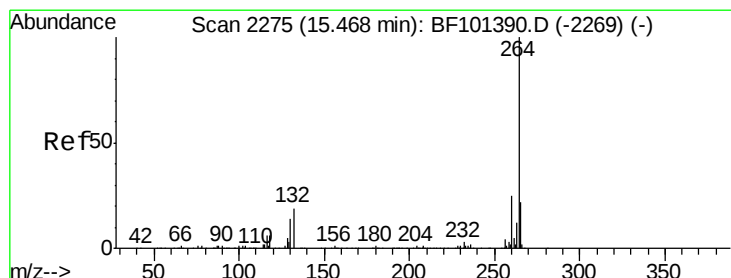
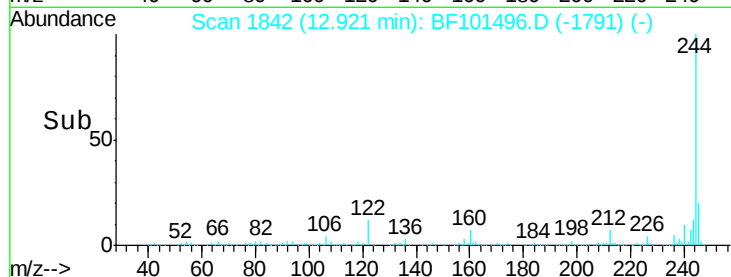
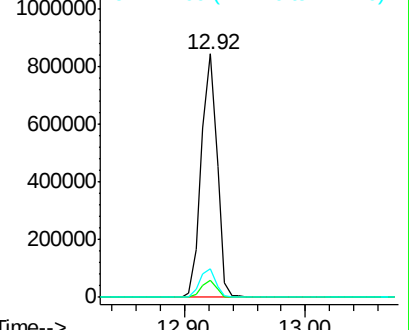
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4



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: 20.00 ng

RT: 15.46 min Scan# 2273

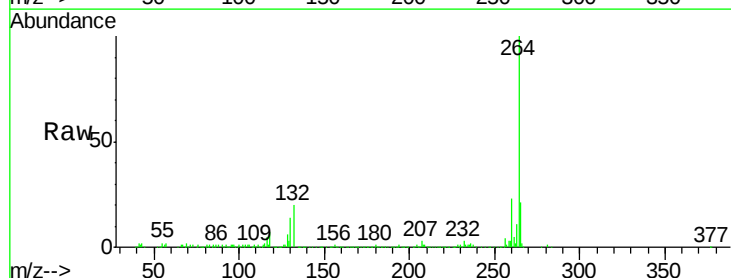
Delta R.T. 0.01 min

Lab File: BF101496.D

Acq: 18 Dec 2017 22:18

Tgt Ion:264 Resp: 257064

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

