

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099773.D
 Acq On : 23 Oct 2017 21:49
 Operator : SJ/JU
 Sample : I5950-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3RE

Quant Time: Oct 23 23:32:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

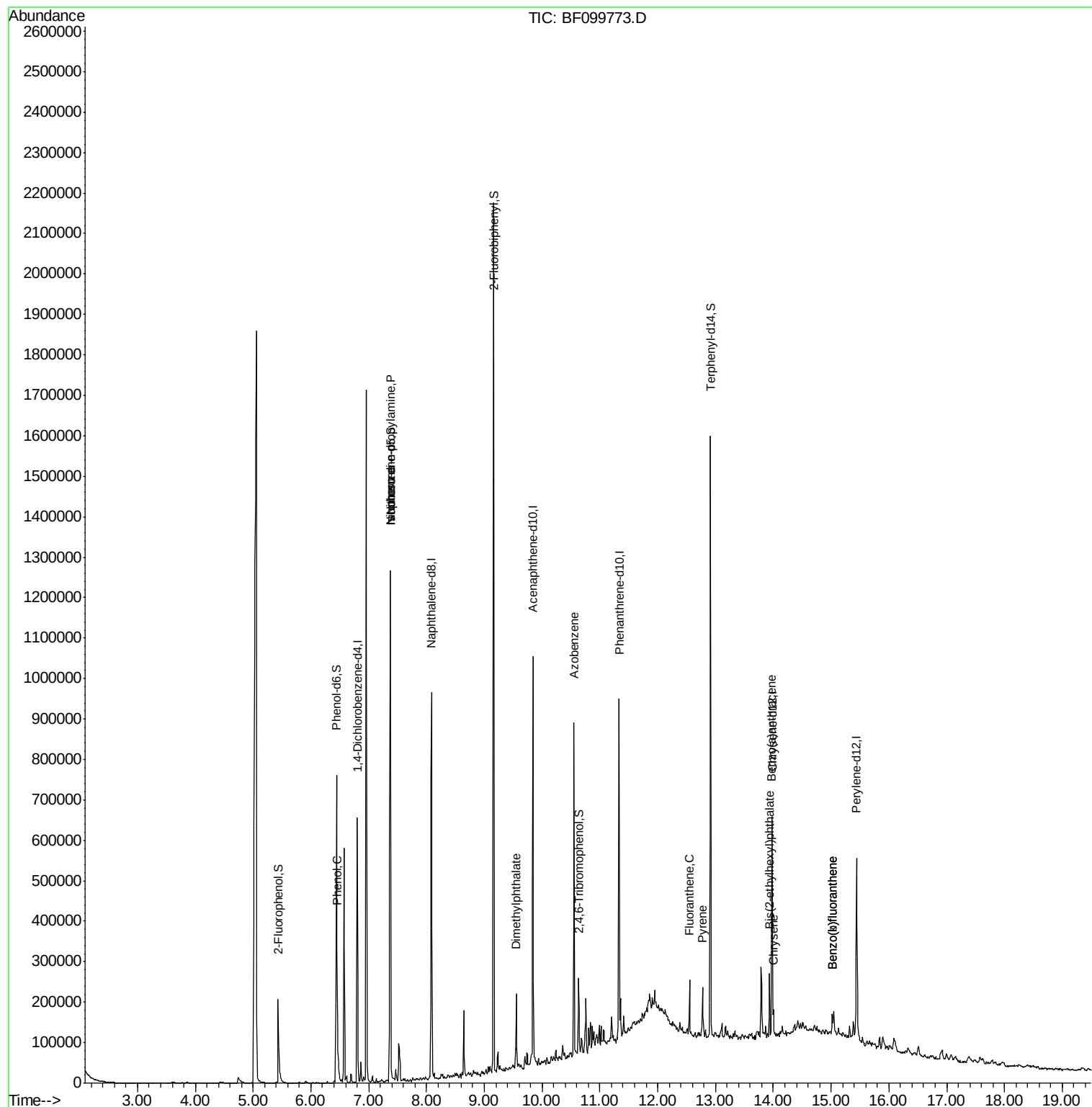
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104295	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	443705	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203745	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	315891	20.00	ng	0.00
75) Chrysene-d12	13.98	240	178178	20.00	ng	0.00
86) Perylene-d12	15.44	264	196103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	90759	13.66	ng	0.01
7) Phenol-d6	6.45	99	320653	40.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	434858	63.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	18984	10.22	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	709625	53.74	ng	0.00
78) Terphenyl-d14	12.92	244	473927	58.13	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	27914	3.23	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	56074	12.15	ng	# 71
25) Isophorone	7.37	82	434851	34.77	ng	# 64
49) Dimethylphthalate	9.56	163	68041	4.22	ng	99
62) Azobenzene	10.55	77	130817	9.90	ng	# 1
74) Fluoranthene	12.55	202	56024	3.02	ng	98
77) Pyrene	12.78	202	47385	3.50	ng	98
80) Benzo(a)anthracene	13.97	228	25302	2.24	ng	96
82) Chrysene	14.00	228	23425	2.21	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	46451	4.96	ng	# 98
87) Benzo(b)fluoranthene	15.02	252	36375	2.94	ng	# 88
88) Benzo(k)fluoranthene	15.02	252	36375	3.12	ng	# 91

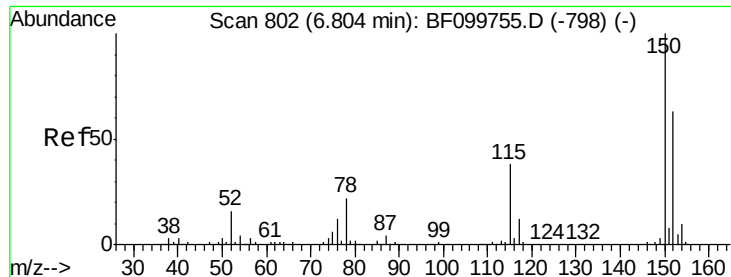
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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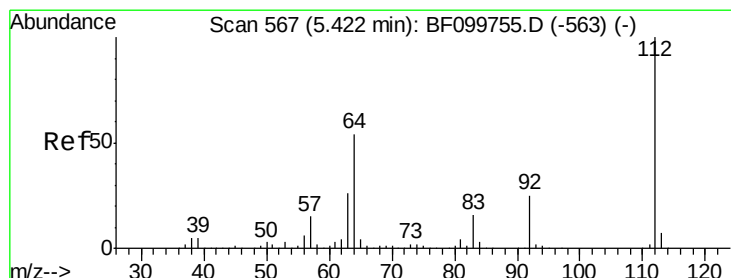
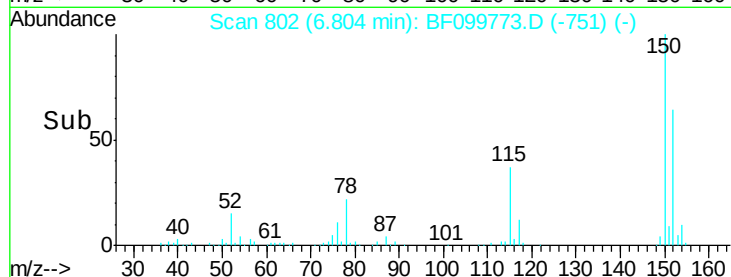
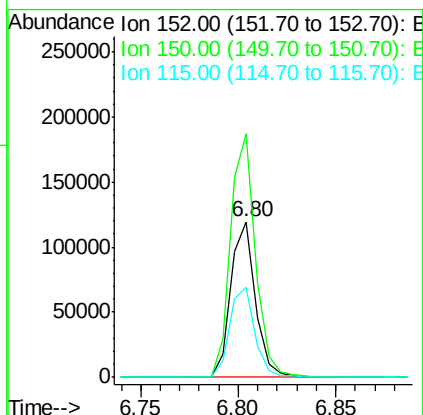
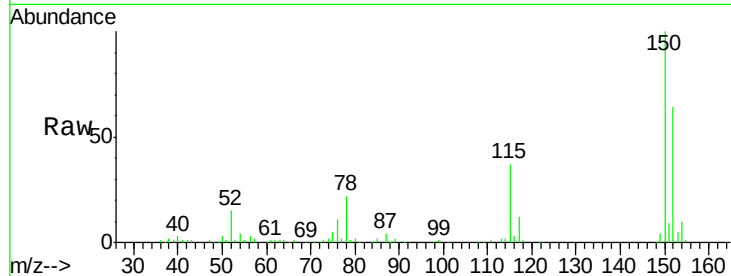


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

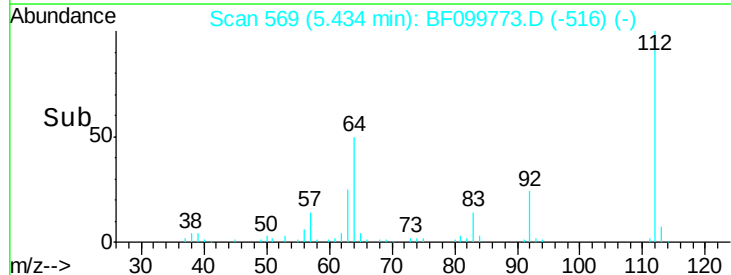
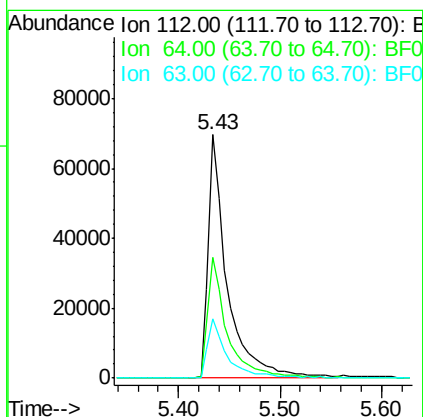
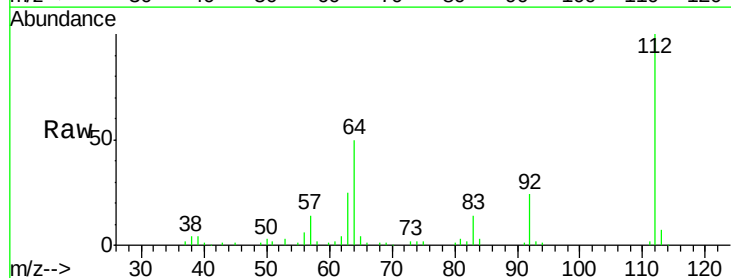
Tot Ion:152 Resp: 104295
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 57.8 50.1 75.1

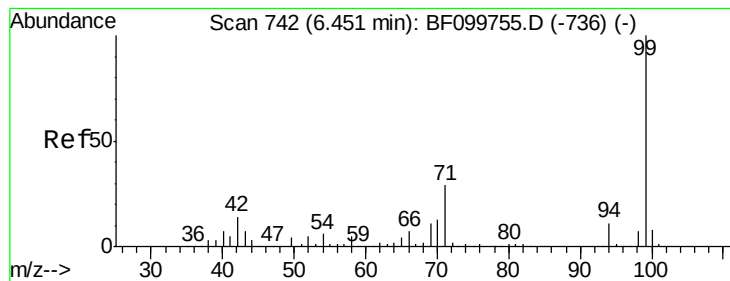


#5

2-Fluorophenol
Concen: 13.66 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion:112 Resp: 90759
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 24.6 23.7 35.5





#7

Phenol-d6

Concen: 40.71 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3RE

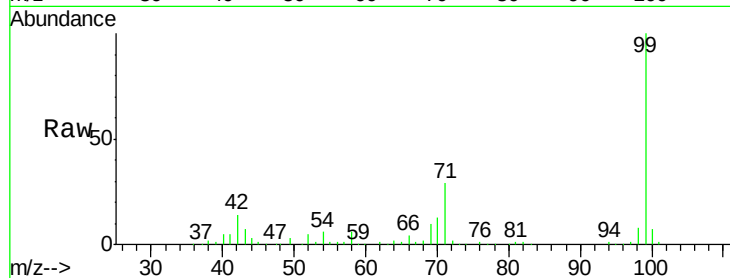
Tot Ion: 99 Resp: 320653

Ion Ratio Lower Upper

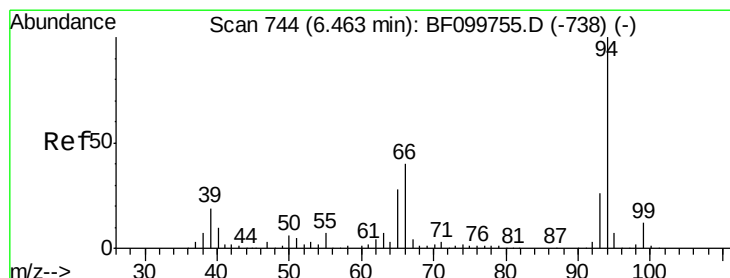
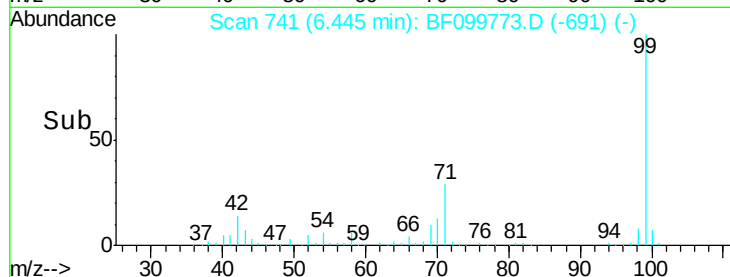
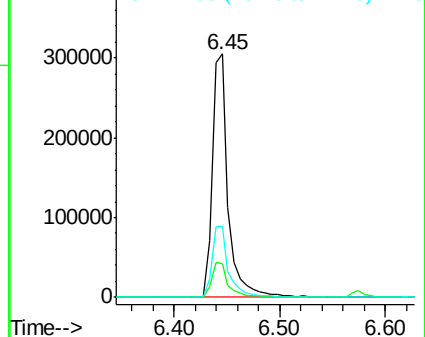
99 100

42 13.6 14.5 21.7#

71 29.0 25.4 38.0



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



#10

Phenol

Concen: 3.23 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

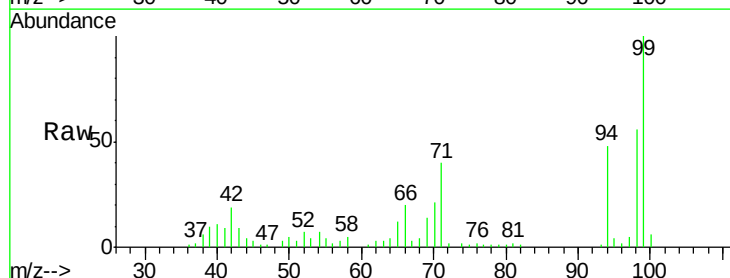
Tgt Ion: 94 Resp: 27914

Ion Ratio Lower Upper

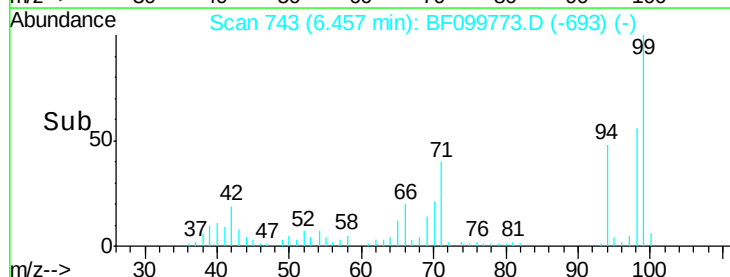
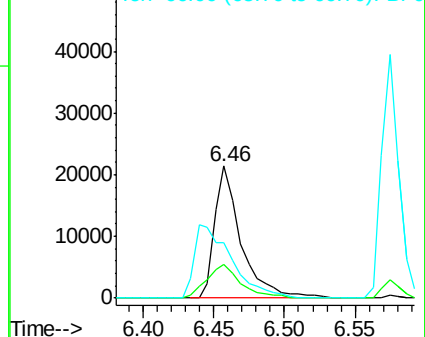
94 100

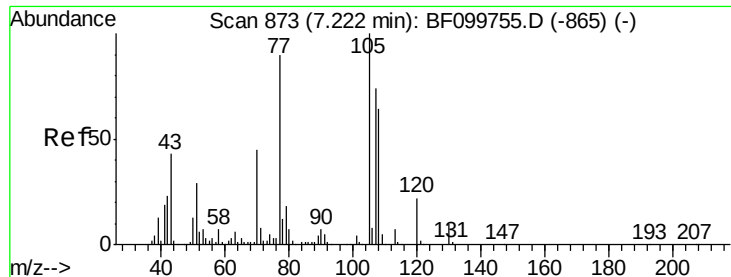
65 25.8 7.9 47.9

66 42.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

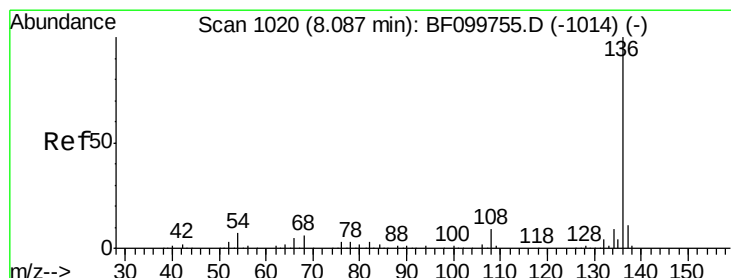
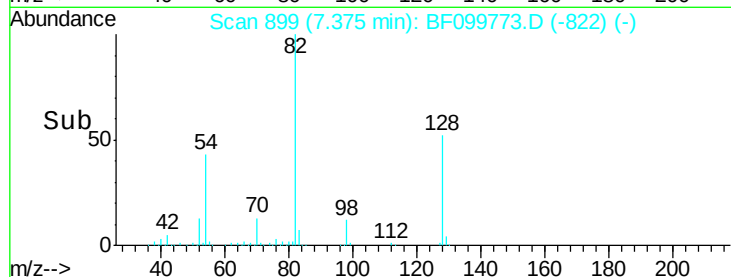
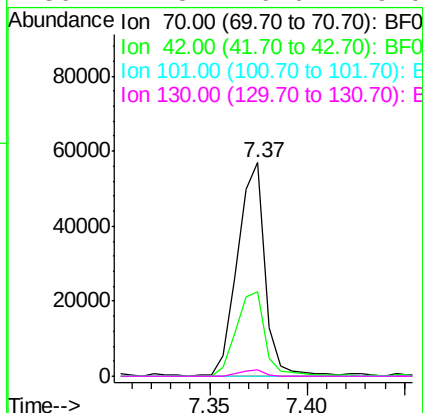
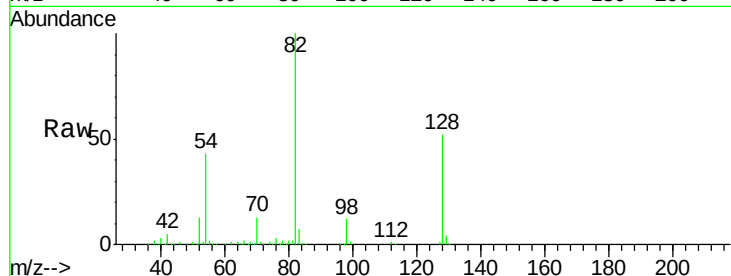




#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

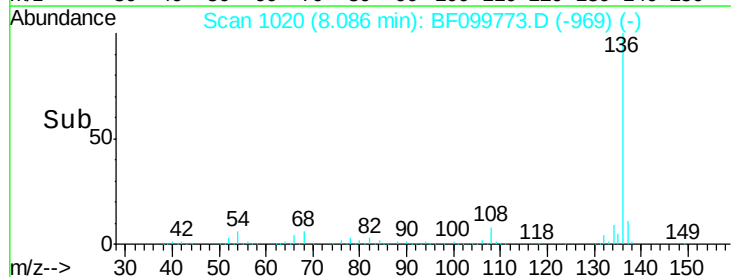
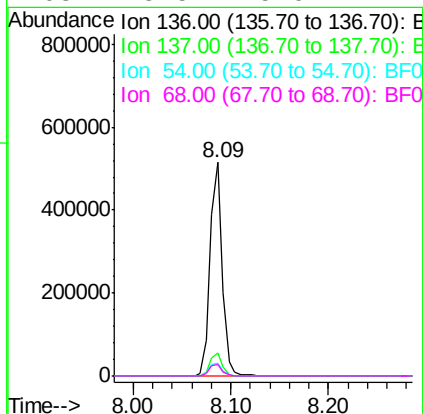
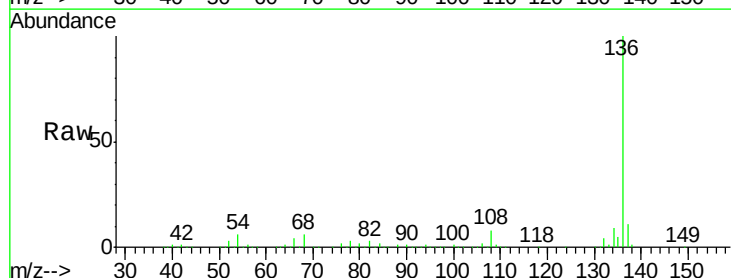
Instrument :
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20170724-C-A-COMP3RE

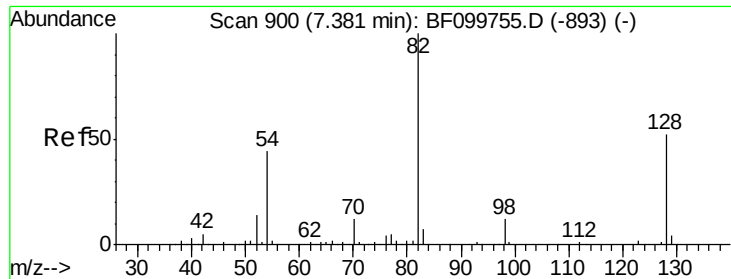
Tot Ion: 70 Resp: 56074
Ion Ratio Lower Upper
70 100
42 39.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion: 136 Resp: 443705
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.6 9.8#
68 5.5 5.0 7.4

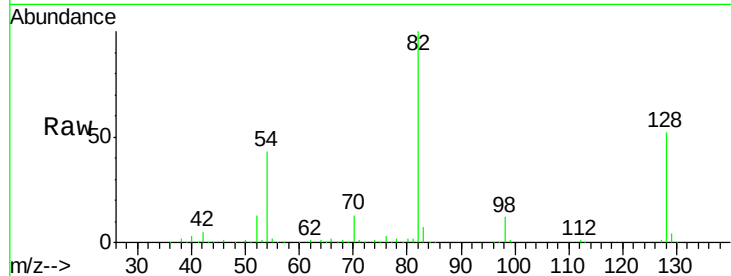




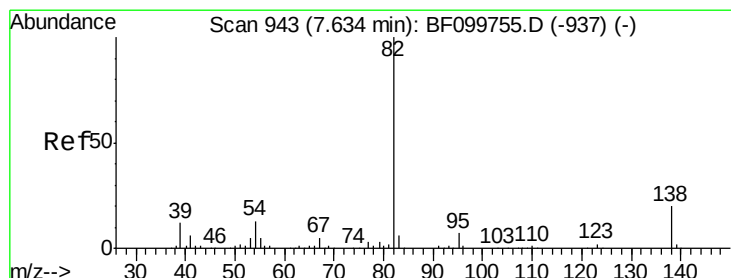
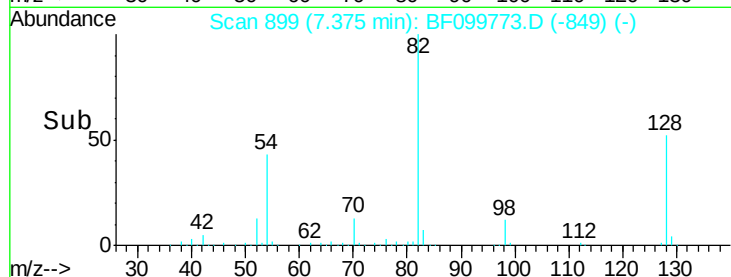
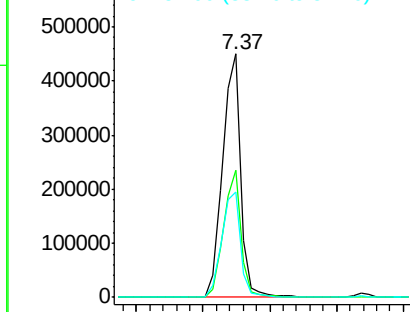
#23
 Nitrobenzene-d5
 Concen: 63.10 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099773.D
 Acq: 23 Oct 2017 21:49

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3RE

Tot Ion: 82 Resp: 434858
 Ion Ratio Lower Upper
 82 100
 128 52.4 36.1 54.1
 54 43.2 41.4 62.2

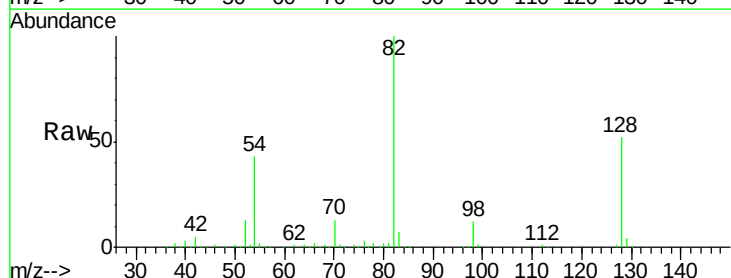


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

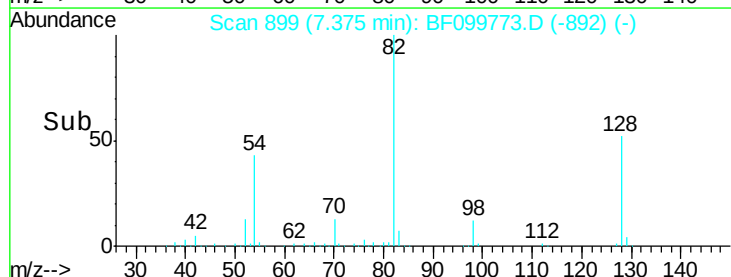
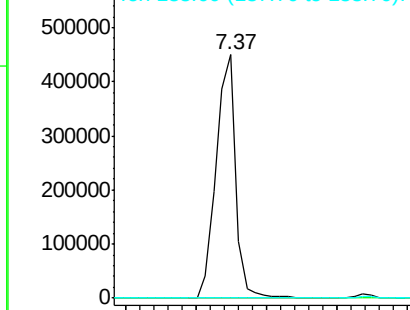


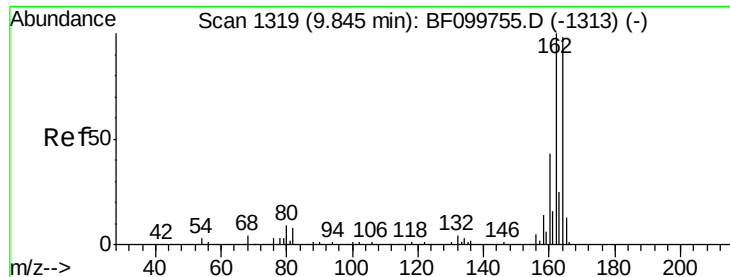
#25
 Isophorone
 Concen: 34.77 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF099773.D
 Acq: 23 Oct 2017 21:49

Tgt Ion: 82 Resp: 434851
 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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3RE

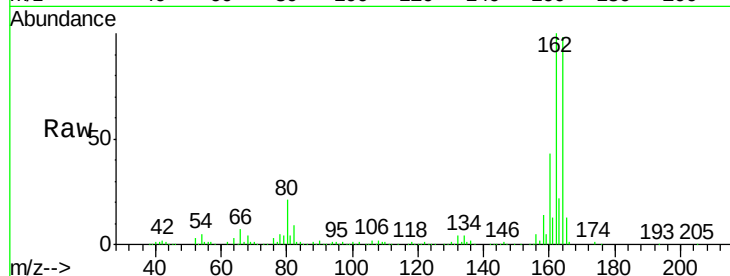
Tot Ion:164 Resp: 203745

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

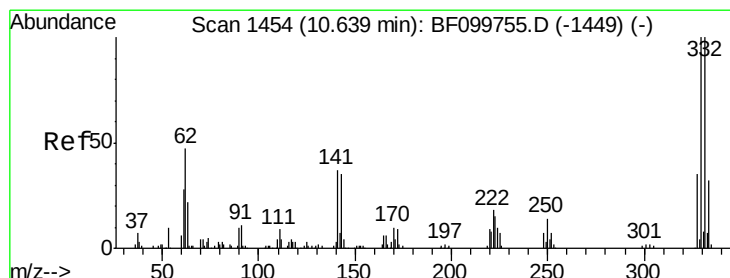
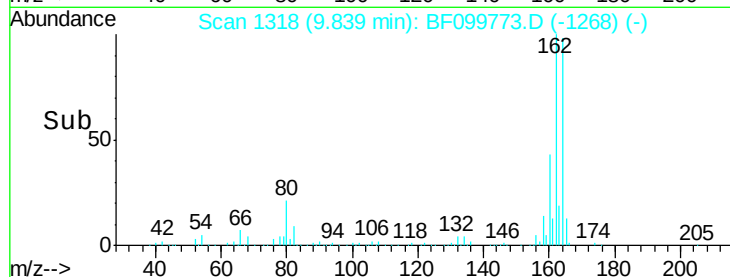
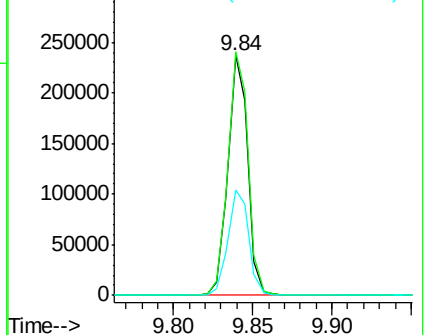
160 43.9 38.3 57.5



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: 10.22 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

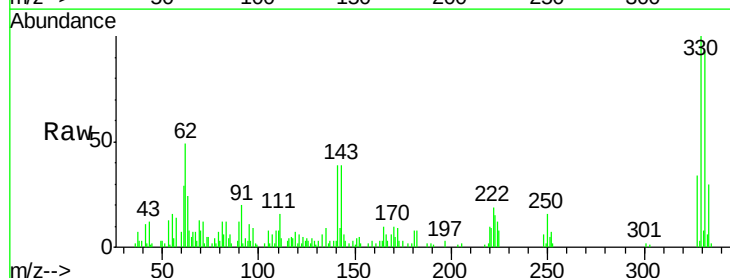
Tgt Ion:330 Resp: 18984

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

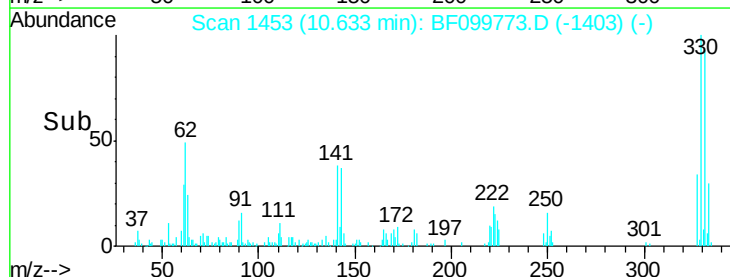
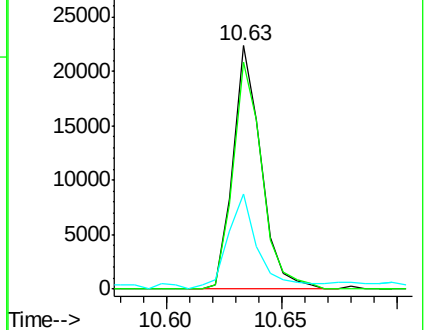
141 43.4 29.9 44.9

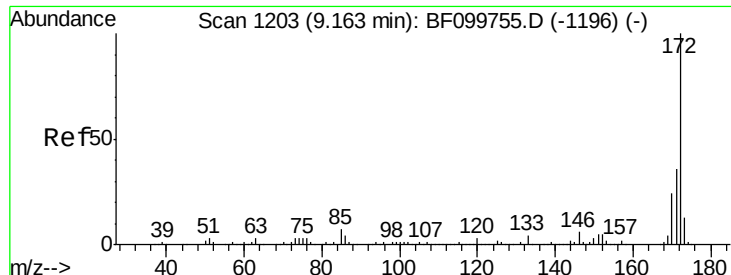


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

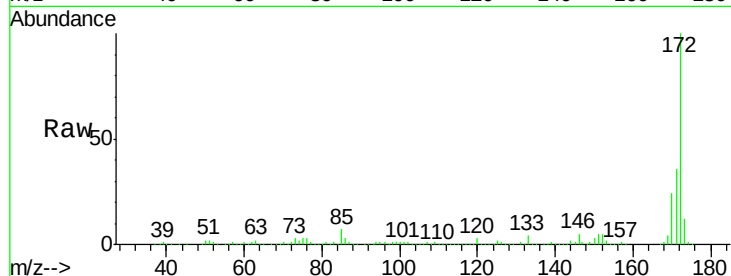




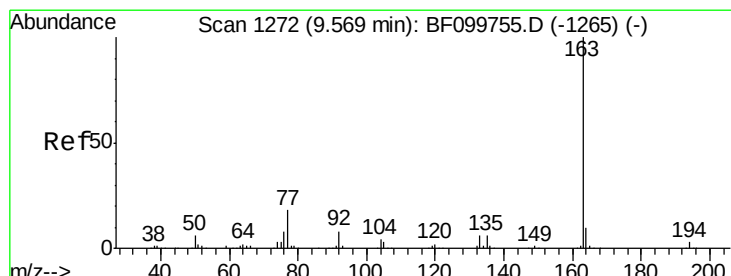
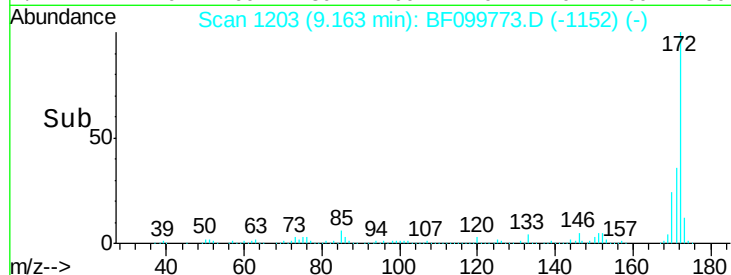
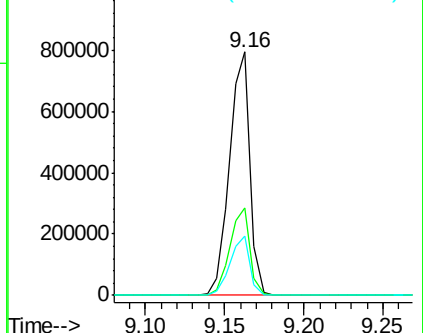
#44
2-Fluorobiphenyl
Concen: 53.74 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion:172 Resp: 709625
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.2 19.6 29.4

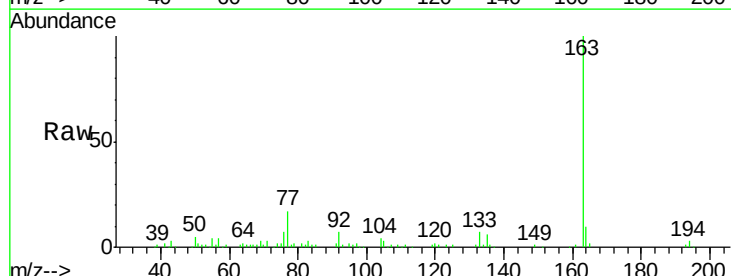


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

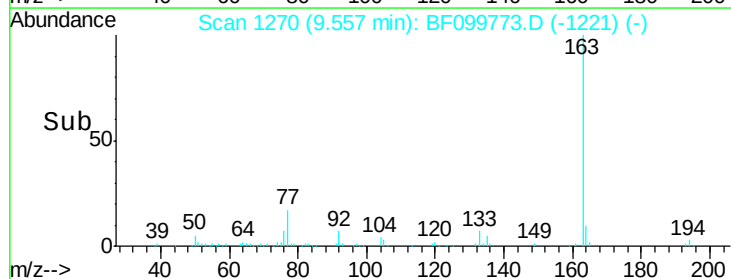
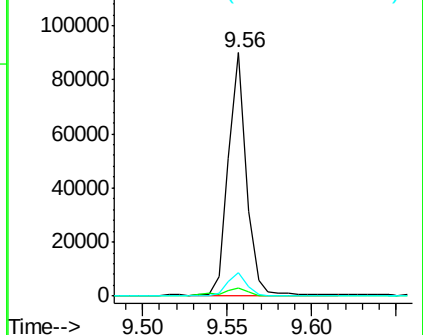


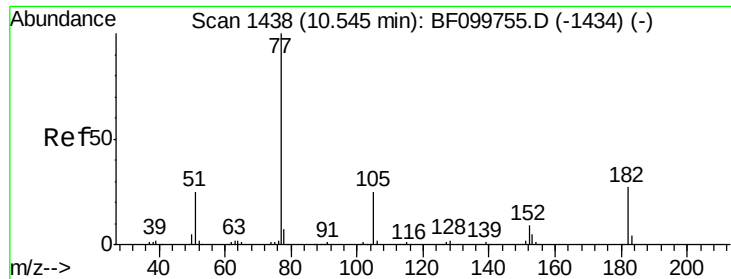
#49
Dimethylphthalate
Concen: 4.22 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion:163 Resp: 68041
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 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





#62

Azobenzene

Concen: 9.90 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

ClientSampleId :

20170724-C-A-COMP3RE

Tot Ion: 77 Resp: 130817

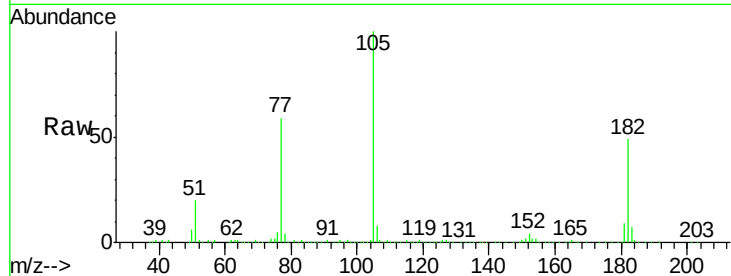
Ion Ratio Lower Upper

77 100

182 84.0 1.7 41.7#

105 170.0 3.0 43.0#

51 33.4 9.9 49.9

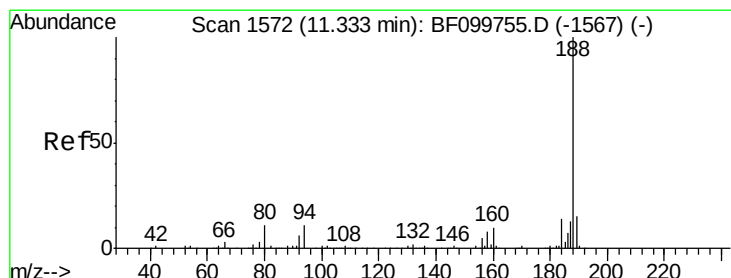
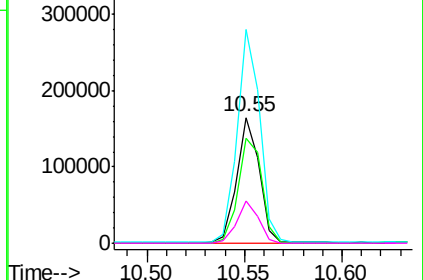
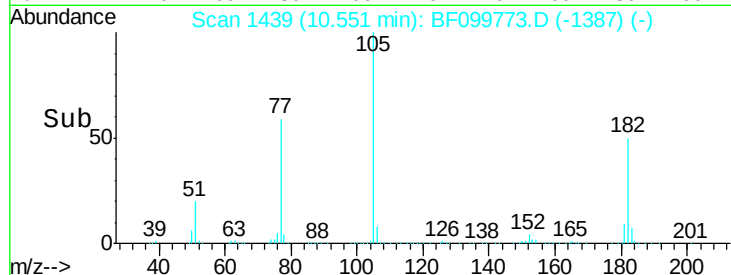


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

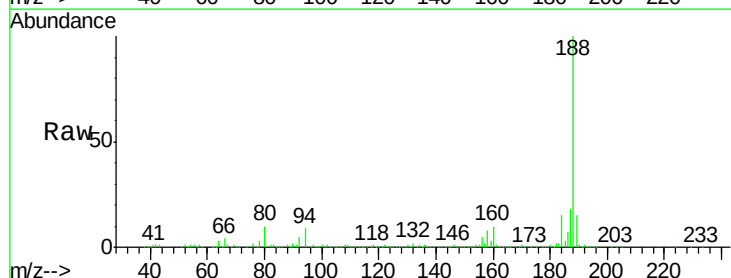
Tgt Ion: 188 Resp: 315891

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

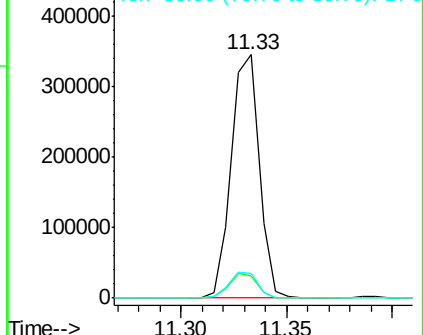
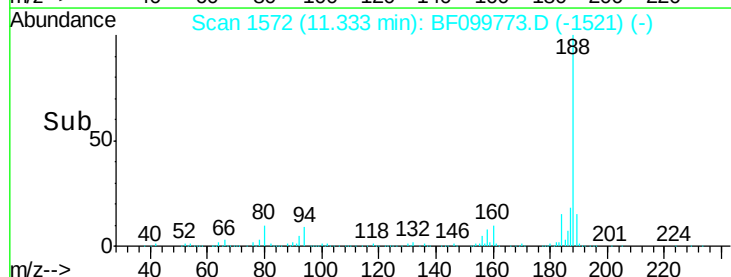
80 10.2 9.2 13.8

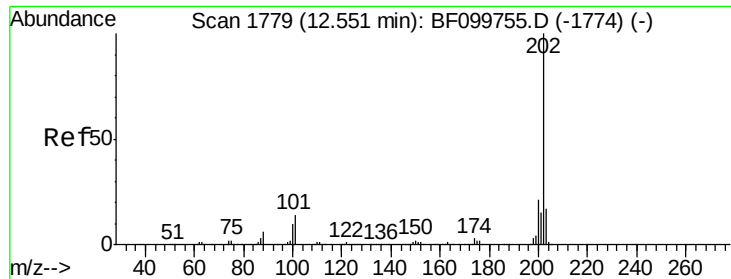


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.02 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

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20170724-C-A-COMP3RE

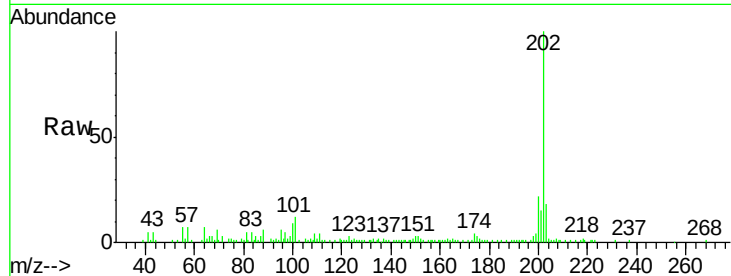
Tot Ion:202 Resp: 56024

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

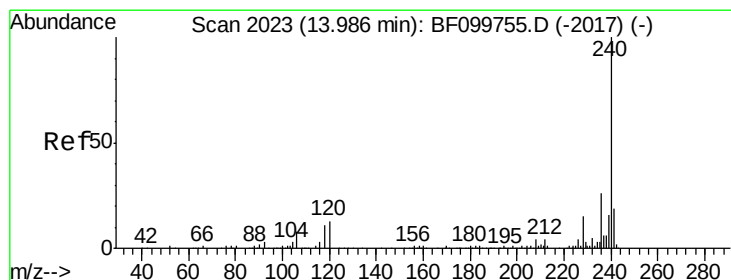
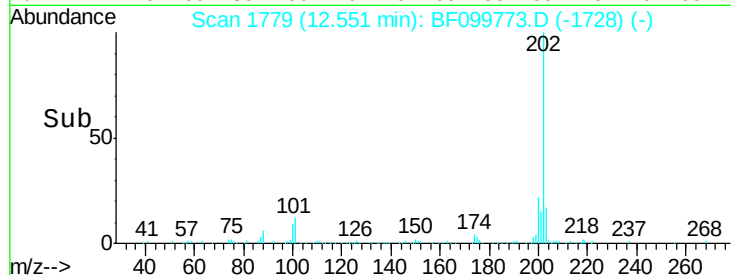
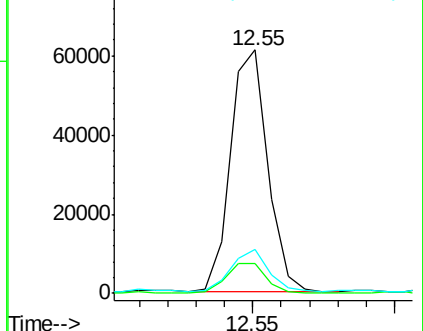
203 18.1 0.0 38.1



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

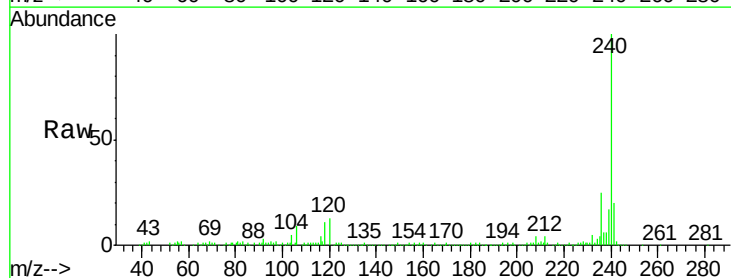
Tgt Ion:240 Resp: 178178

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

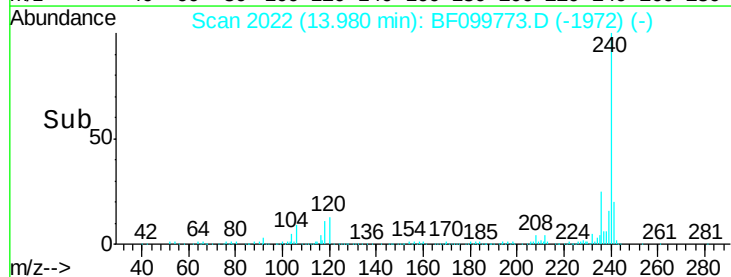
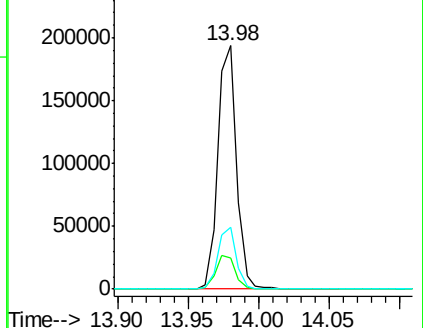
236 25.3 20.7 31.1

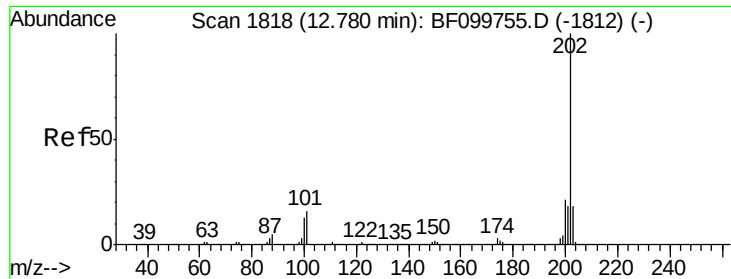


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

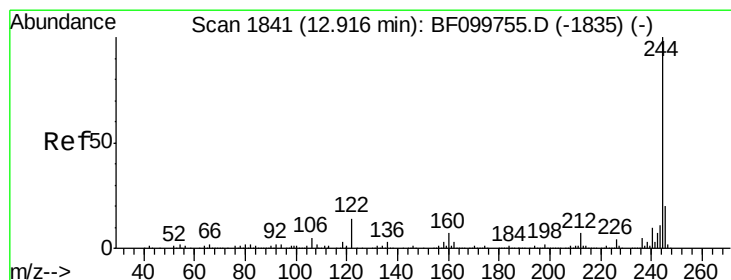
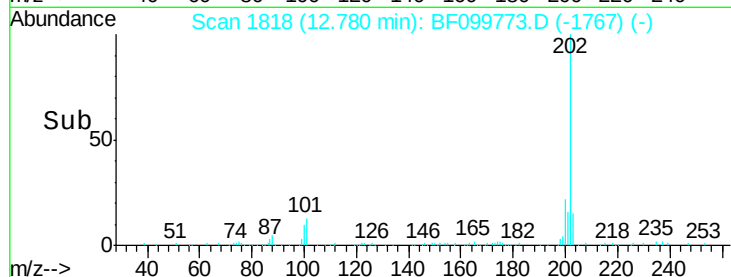
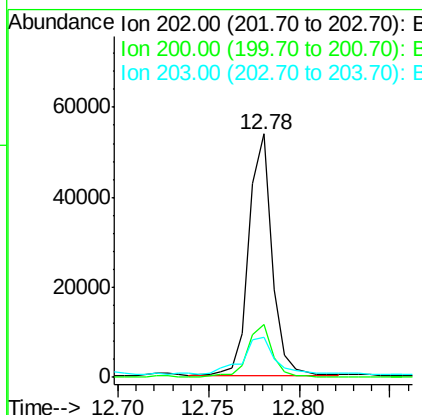
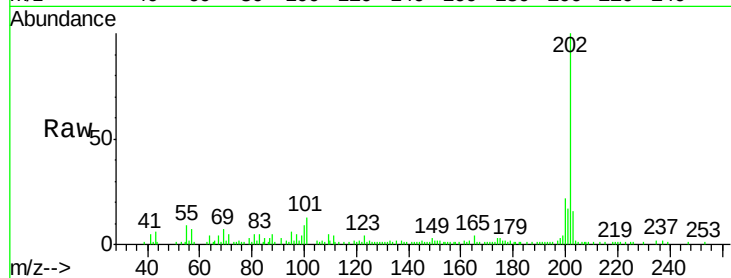




#77
Pvrene
Concen: 3.50 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

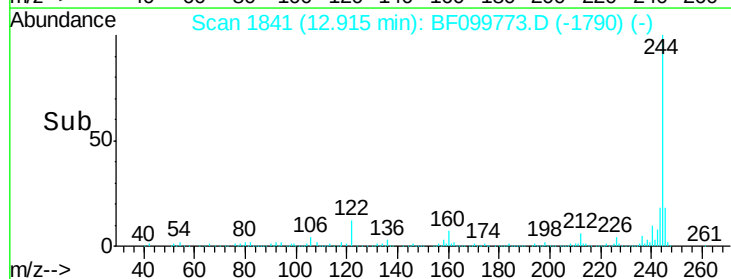
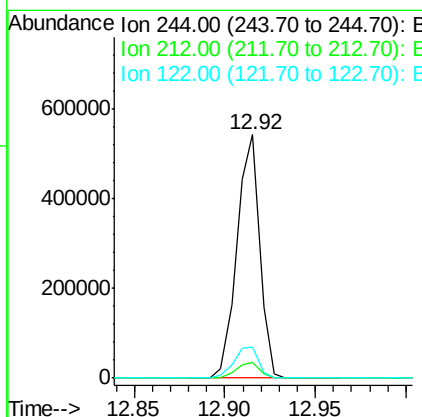
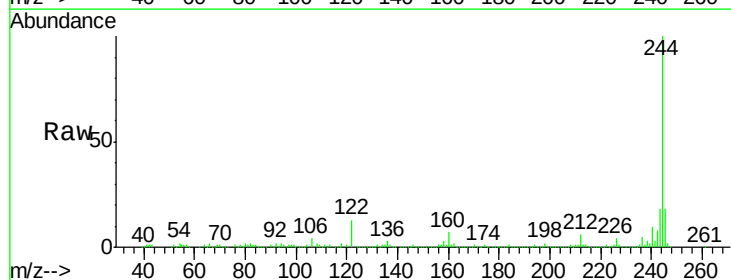
Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

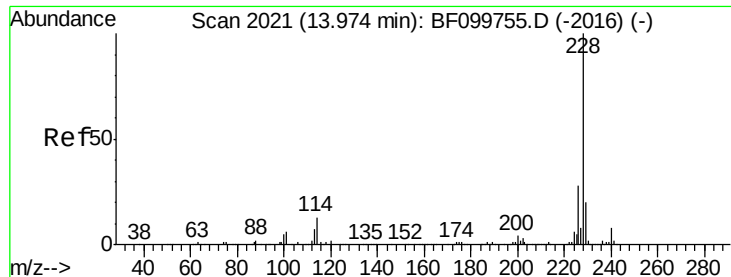
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	16.4	14.3	21.5



#78
Terphenyl-d14
Concen: 58.13 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.5	11.0	16.4

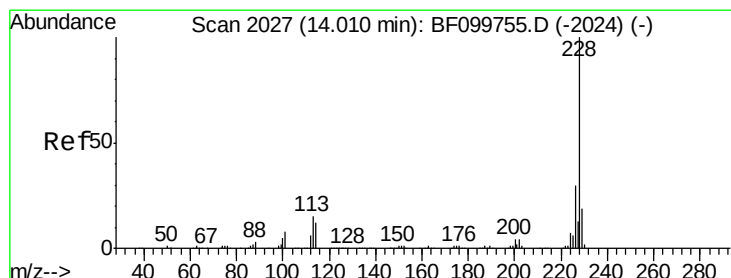
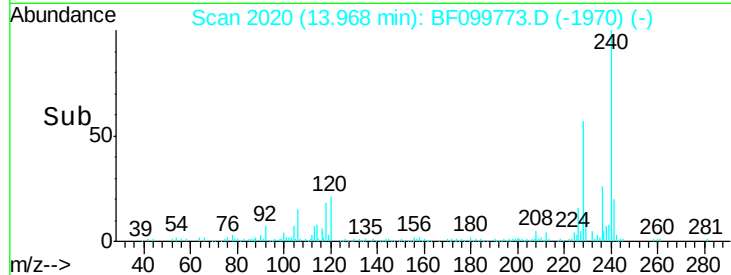
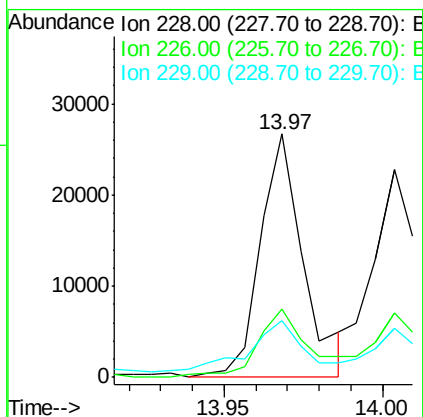
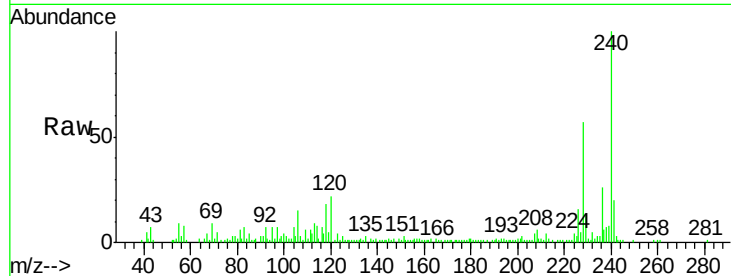




#80
Benzo(a)anthracene
Concen: 2.24 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

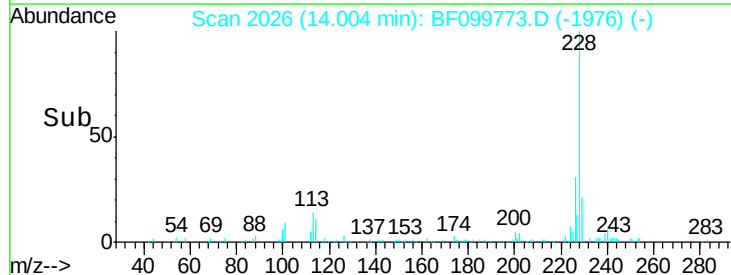
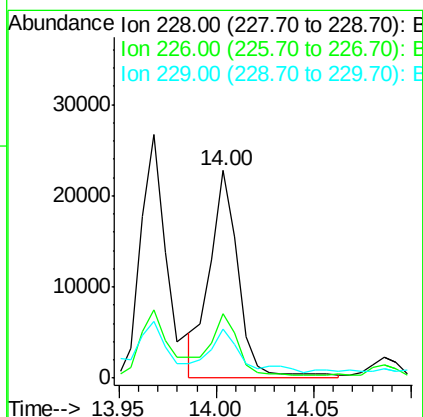
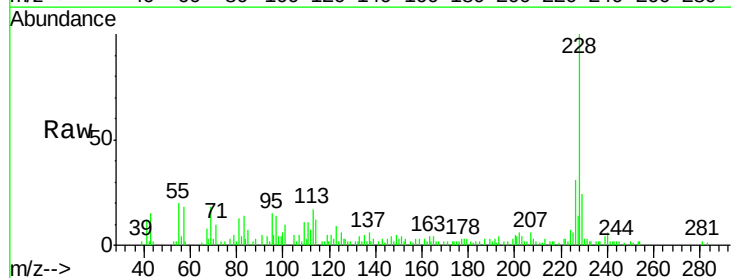
Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

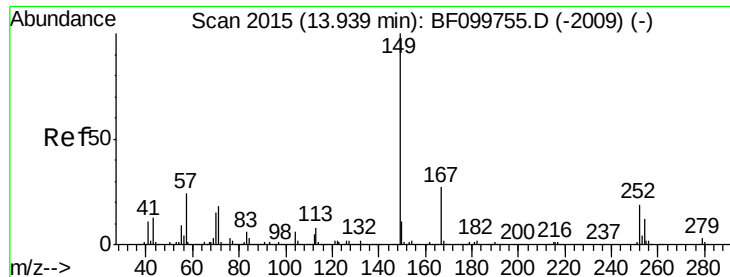
Tot Ion:228 Resp: 25302
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 23.4 15.8 23.6



#82
Chrysene
Concen: 2.21 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion:228 Resp: 23425
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 23.9 16.2 24.4

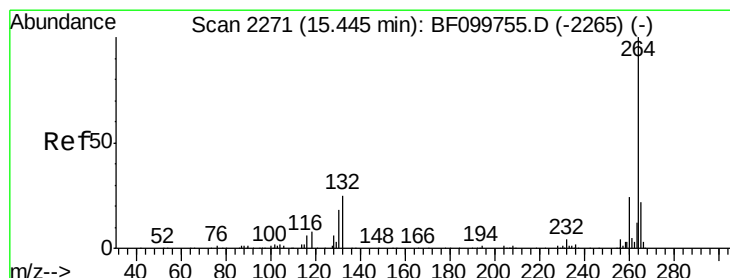
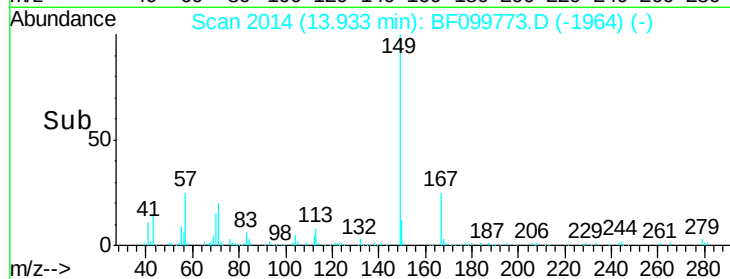
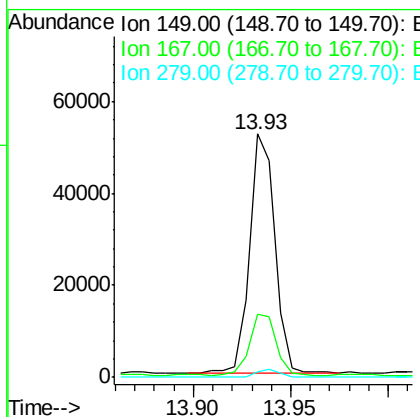
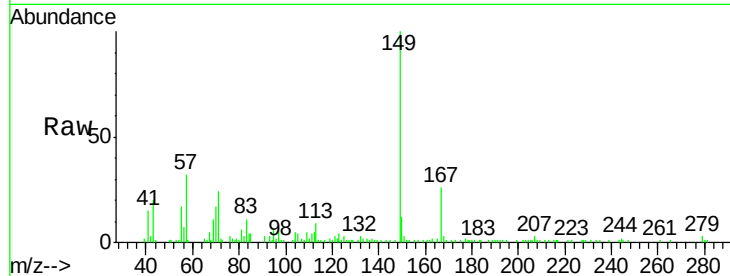




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.96 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099773.D
 Acq: 23 Oct 2017 21:49

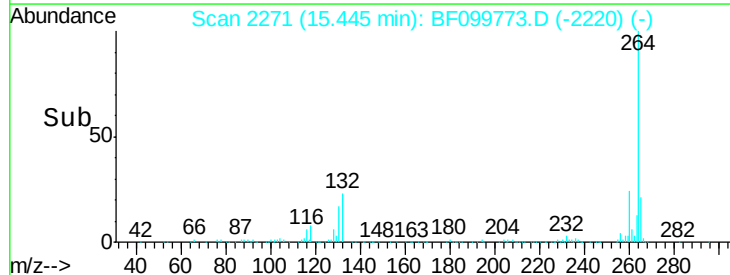
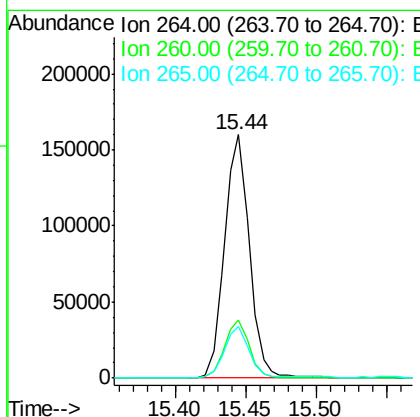
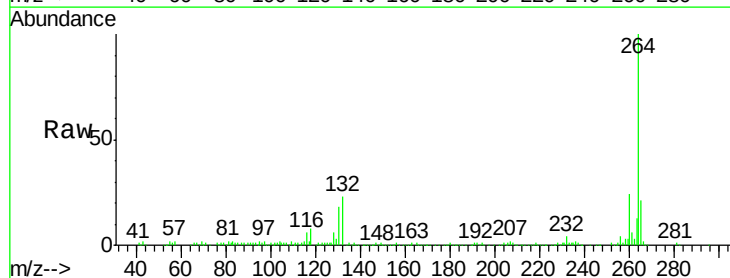
Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3RE

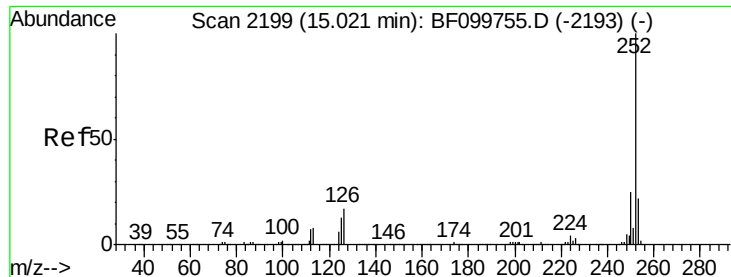
Tot Ion:149 Resp: 46451
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.5 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099773.D
 Acq: 23 Oct 2017 21:49

Tgt Ion:264 Resp: 196103
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.0 17.5 26.3

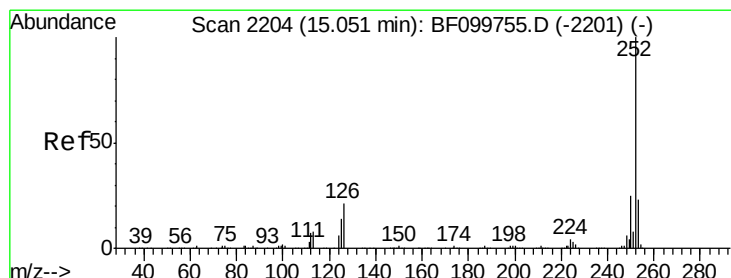
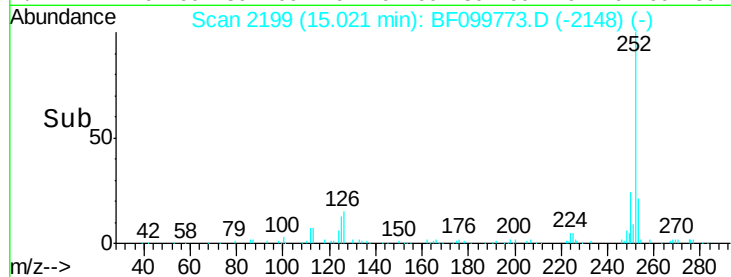
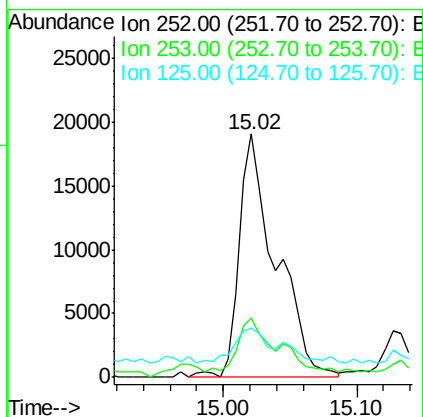
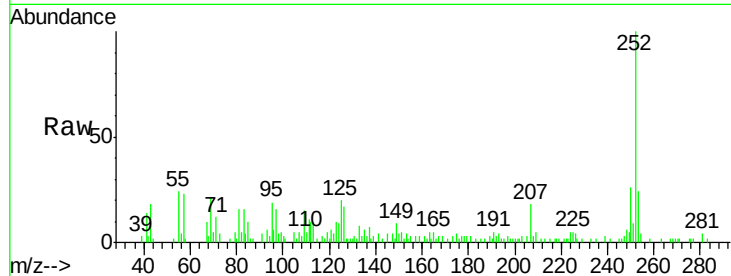




#87
Benzo(b)fluoranthene
Concen: 2.94 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion:252 Resp: 36375
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.6
125 19.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.12 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion:252 Resp: 36375
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 19.9 10.2 15.2#

