

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099772.D
 Acq On : 23 Oct 2017 21:22
 Operator : SJ/JU
 Sample : I5950-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

Quant Time: Oct 23 23:32:14 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	107111	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	446049	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203090	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	311874	20.00	ng	0.00
75) Chrysene-d12	13.98	240	182568	20.00	ng	0.00
86) Perylene-d12	15.44	264	196987	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	51543	7.55	ng	0.02
7) Phenol-d6	6.45	99	204901	25.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	399900	57.72	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	12336	6.67	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	692539	52.61	ng	0.00
78) Terphenyl-d14	12.92	244	445450	53.32	ng	0.00

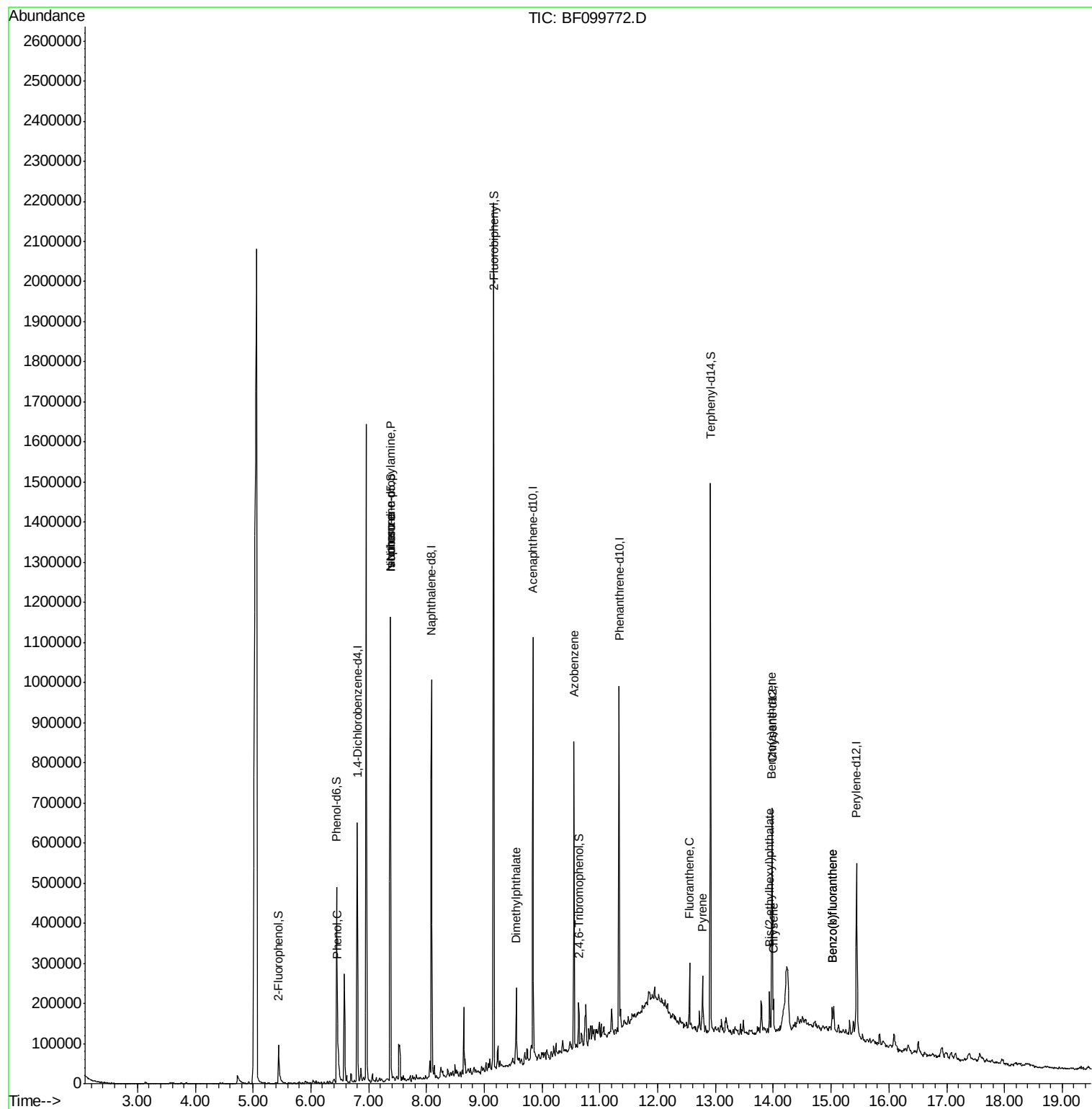
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.46	94	23954	2.70	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	49124	10.36	ng	# 72
25) Isophorone	7.37	82	399897	31.81	ng	# 64
49) Dimethylphthalate	9.56	163	65148	4.05	ng	99
62) Azobenzene	10.55	77	121041	9.19	ng	# 1
74) Fluoranthene	12.55	202	62767	3.43	ng	96
77) Pyrene	12.78	202	52587	3.79	ng	99
80) Benzo(a)anthracene	13.97	228	23894	2.06	ng	97
82) Chrysene	14.00	228	31895	2.93	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	28311	2.95	ng	97
87) Benzo(b)fluoranthene	15.02	252	41169	3.31	ng	# 84
88) Benzo(k)fluoranthene	15.02	252	41169	3.51	ng	# 87

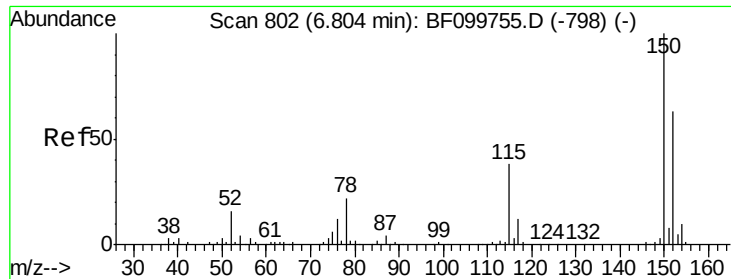
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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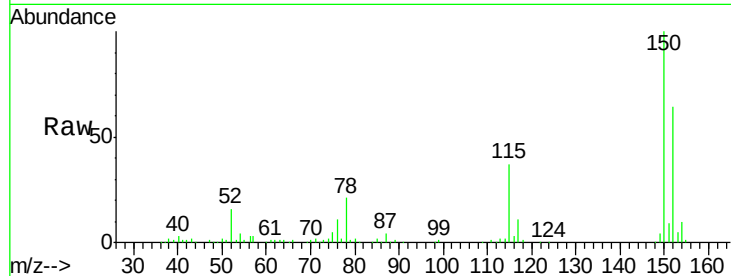




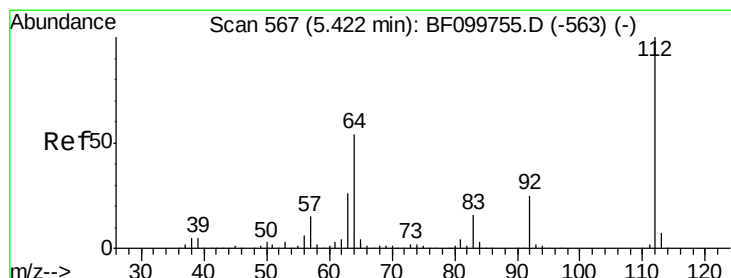
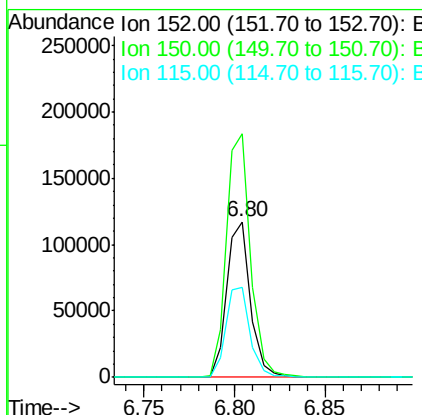
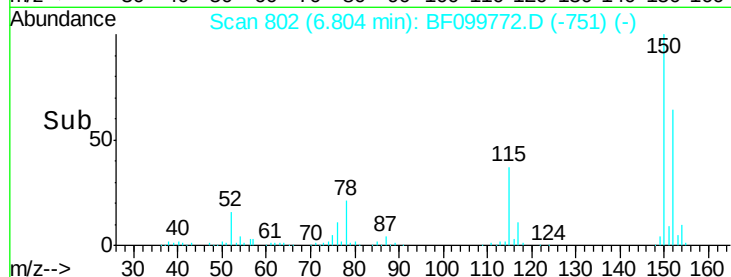
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

Tot Ion:152 Resp: 107111
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 58.2 50.1 75.1

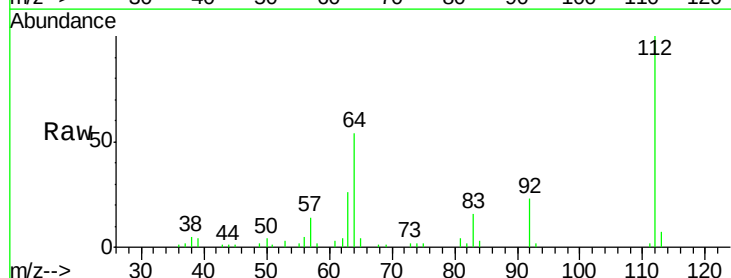


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

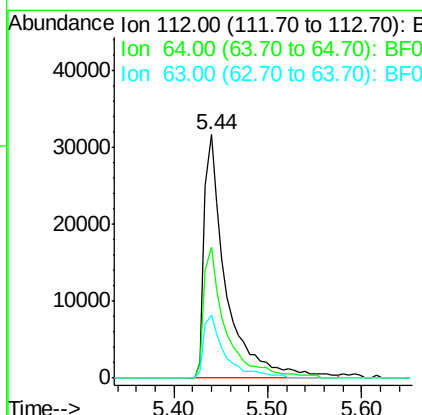
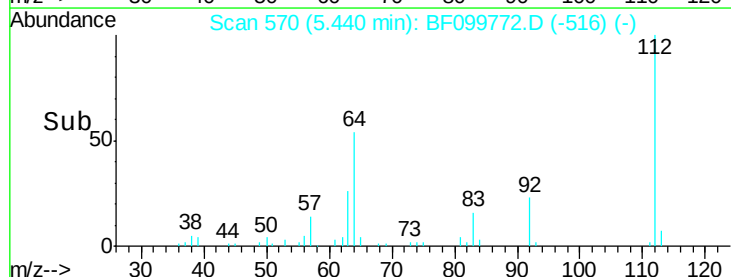


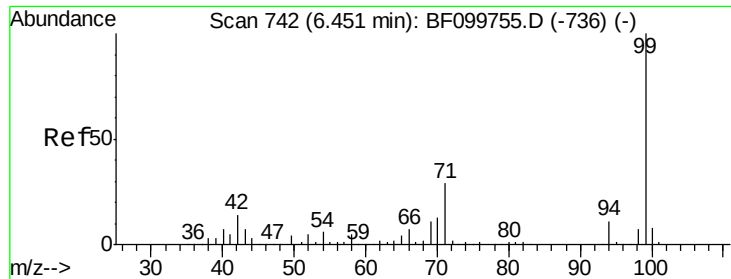
#5
 2-Fluorophenol
 Concen: 7.55 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Tgt Ion:112 Resp: 51543
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 25.7 23.7 35.5



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: 25.33 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

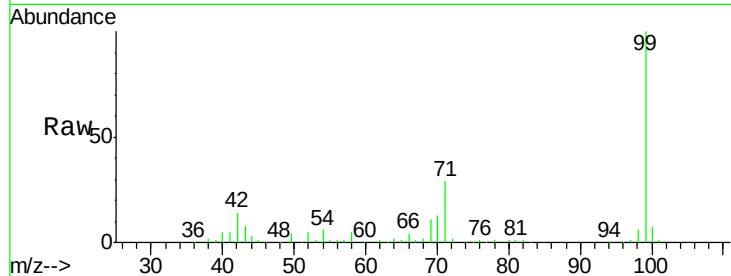
Tot Ion: 99 Resp: 204901

Ion Ratio Lower Upper

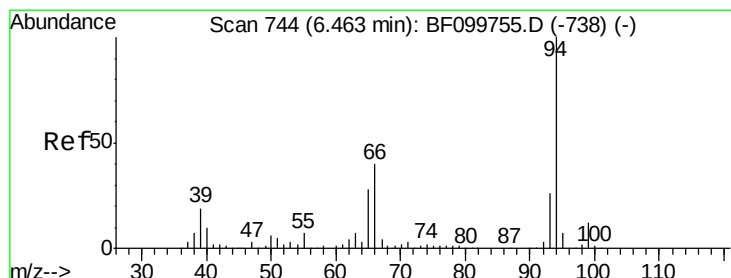
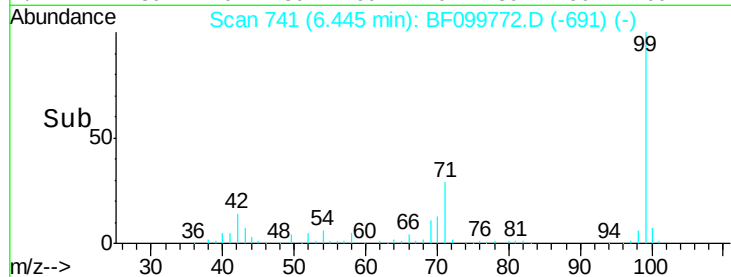
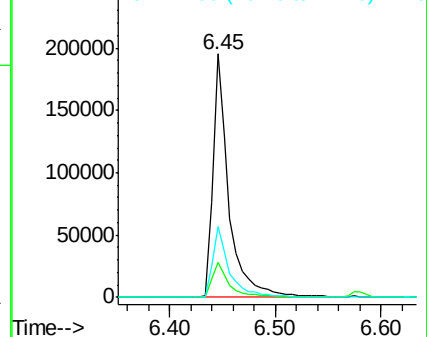
99 100

42 14.4 14.5 21.7#

71 29.2 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: 2.70 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

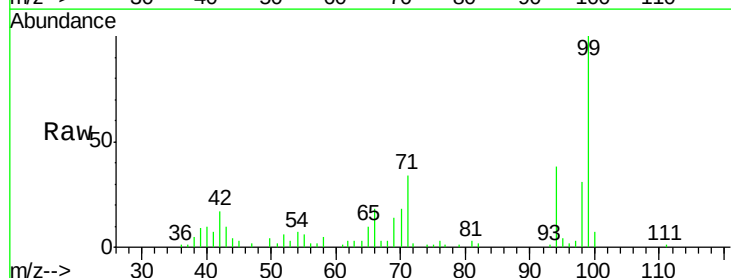
Tgt Ion: 94 Resp: 23954

Ion Ratio Lower Upper

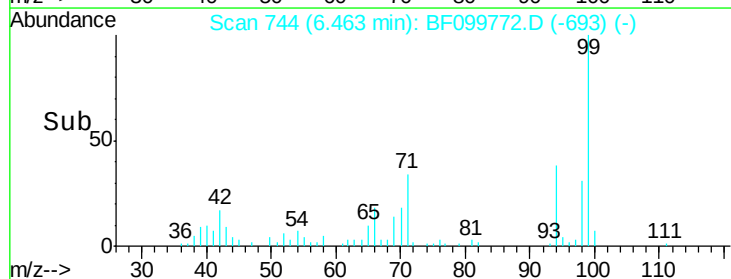
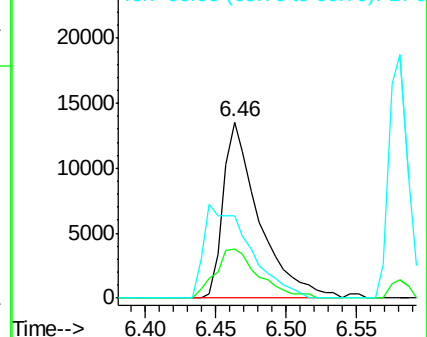
94 100

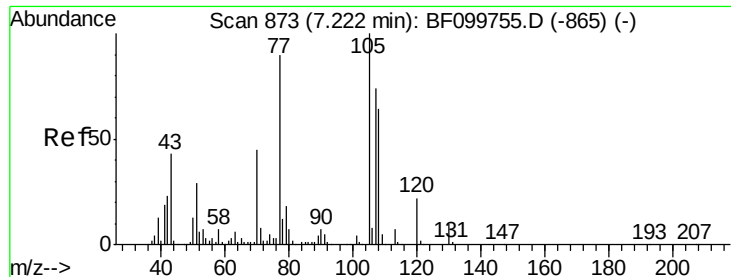
65 27.5 7.9 47.9

66 46.4 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

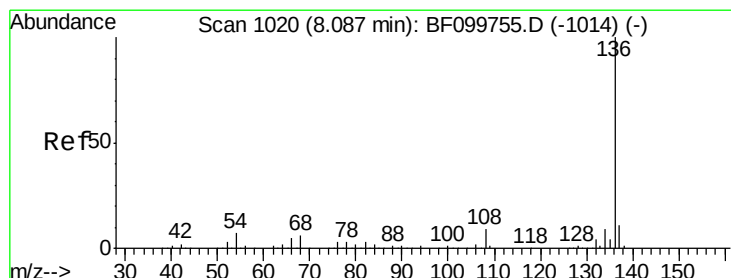
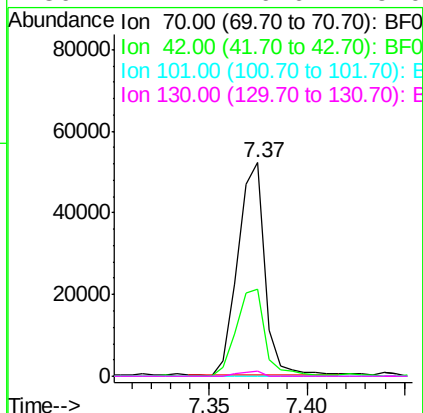
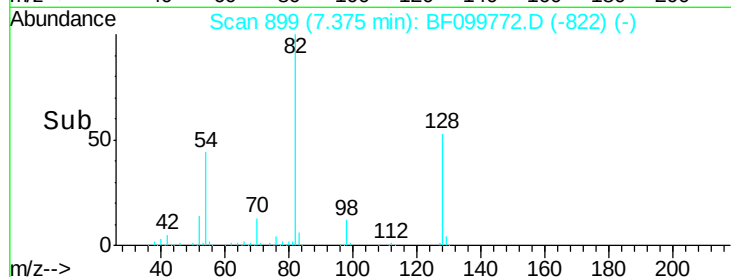
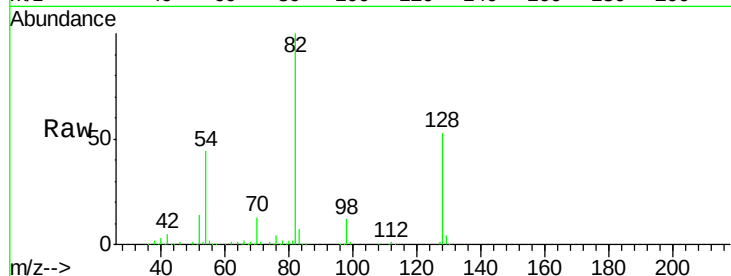




#19
n-Nitroso-di-n-propylamine
Concen: 10.36 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

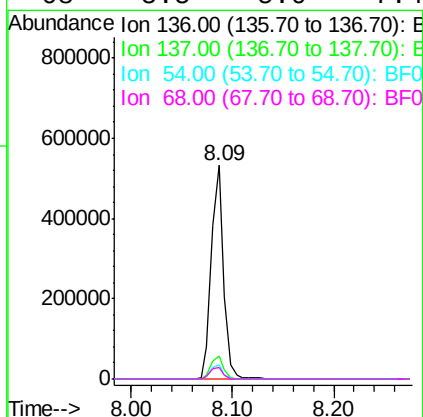
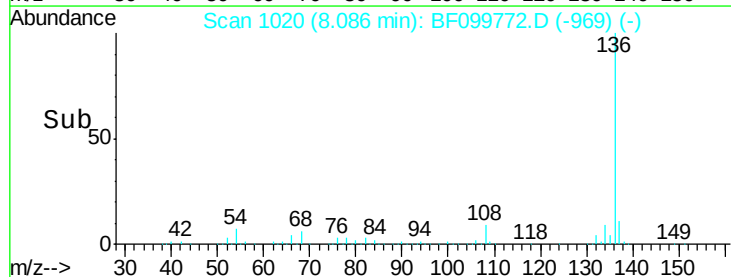
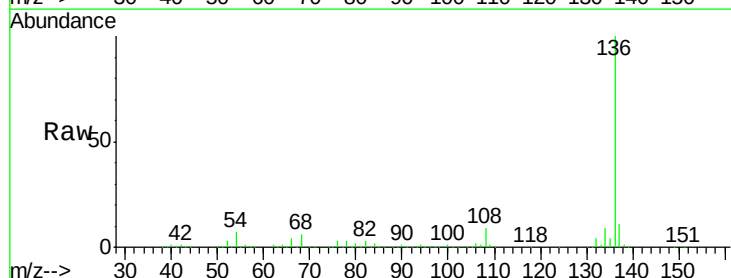
Instrument :
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ClientSampleId :
20170723-C-A-COMP2RE

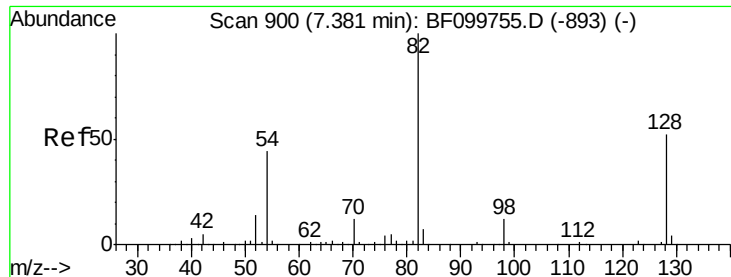
Tot Ion: 70 Resp: 49124
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion: 136 Resp: 446049
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.5 6.6 9.8#
68 5.5 5.0 7.4

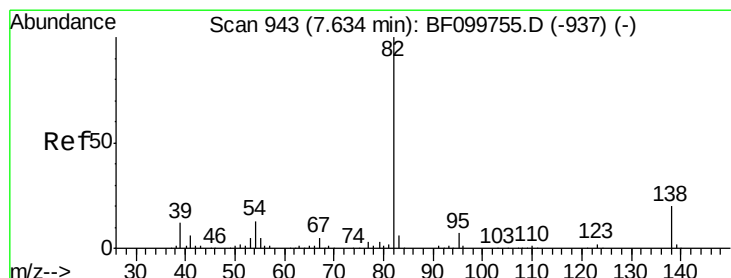
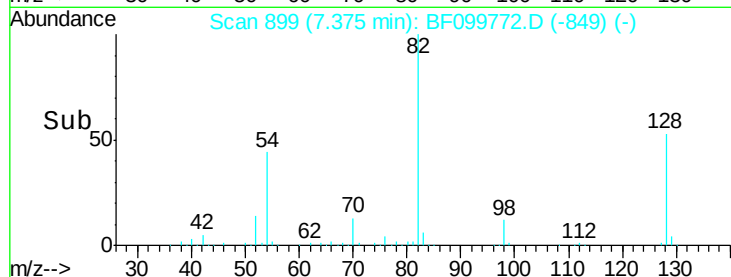
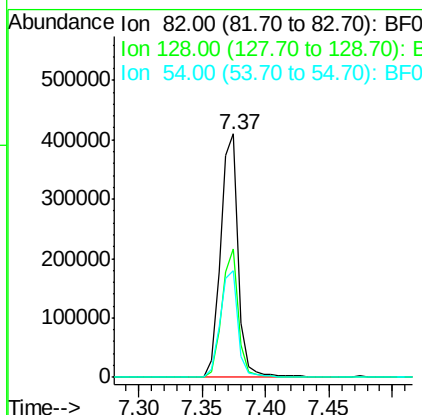
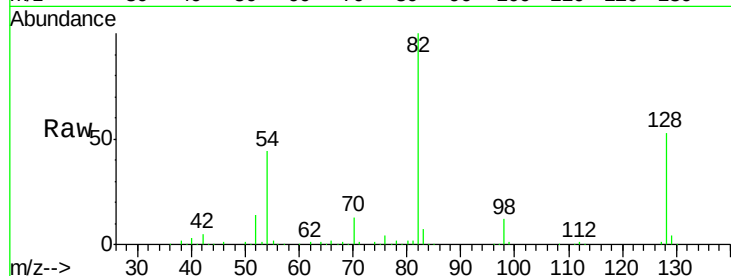




#23
 Nitrobenzene-d5
 Concen: 57.72 na
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

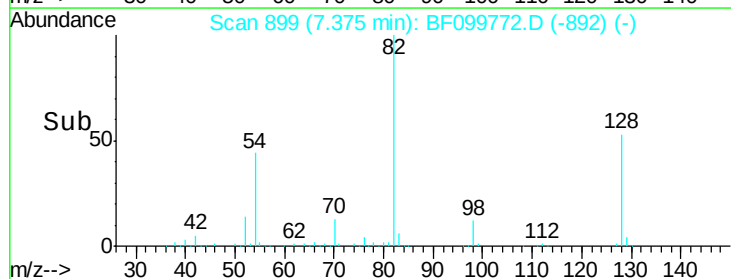
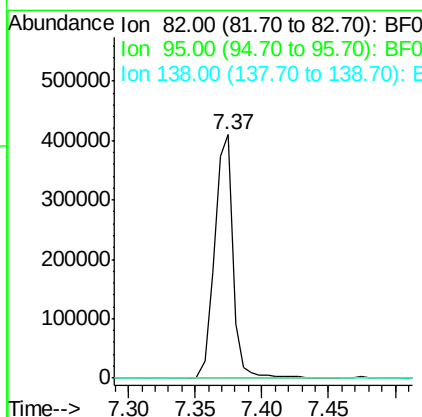
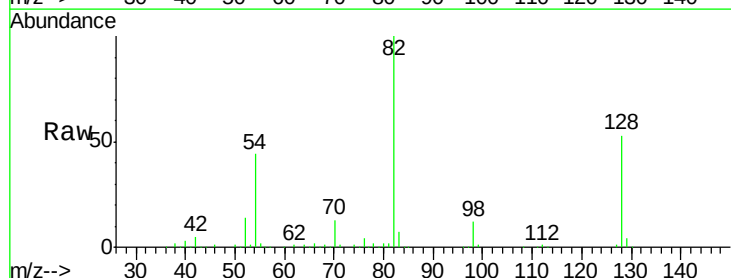
Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2RE

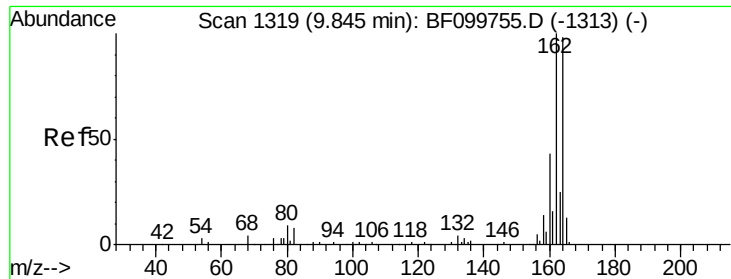
Tot Ion	82	Resp	399900
Ion Ratio	Lower	Upper	
82	100		
128	52.6	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 31.81 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Tgt Ion	82	Resp	399897
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

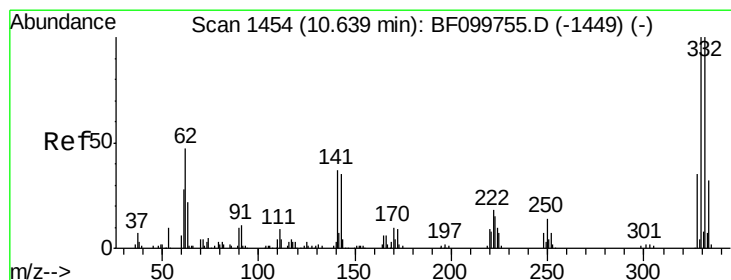
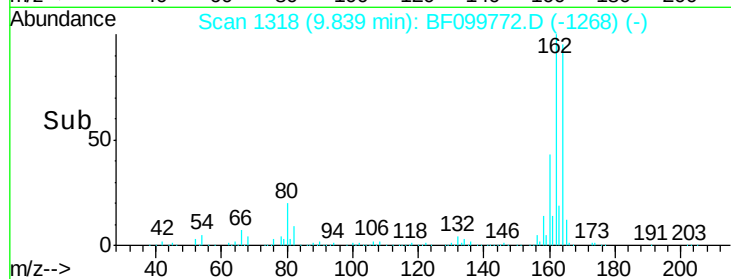
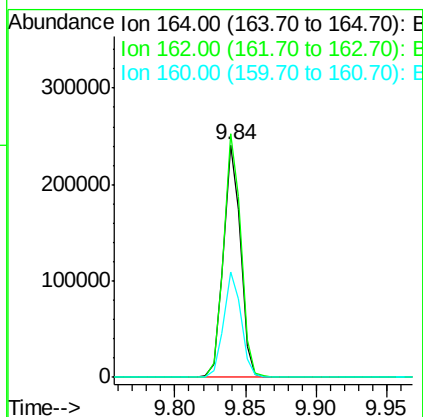
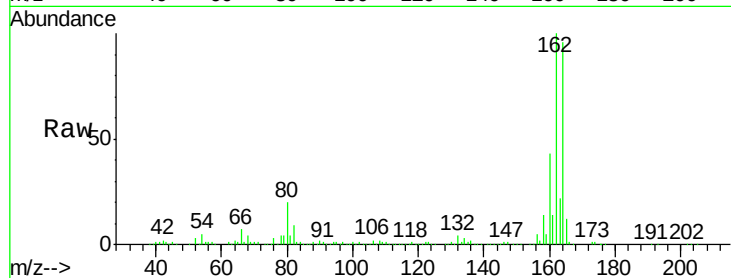




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

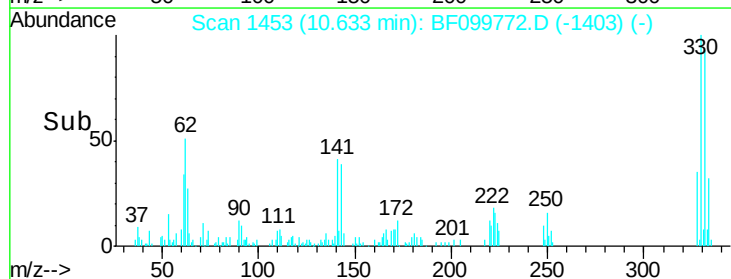
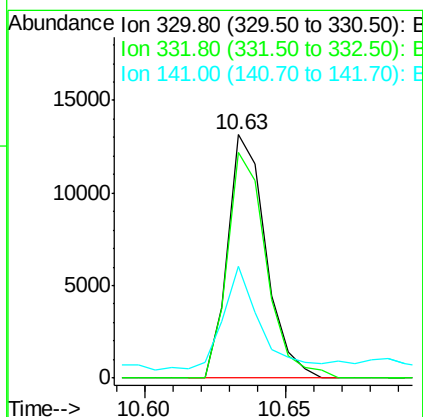
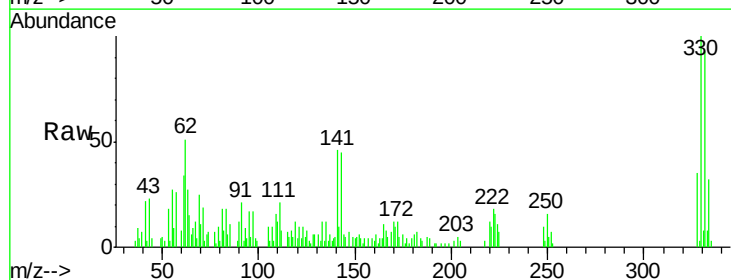
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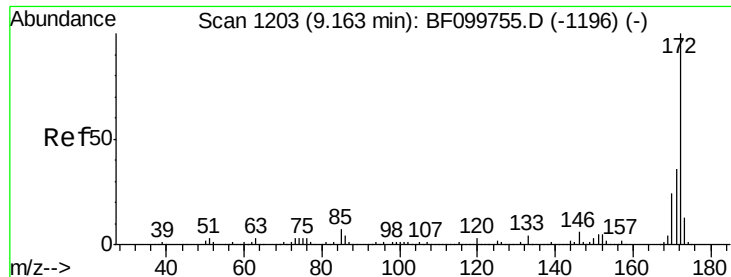
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 6.67 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099772.D
 Acq: 23 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.7	29.9	44.9

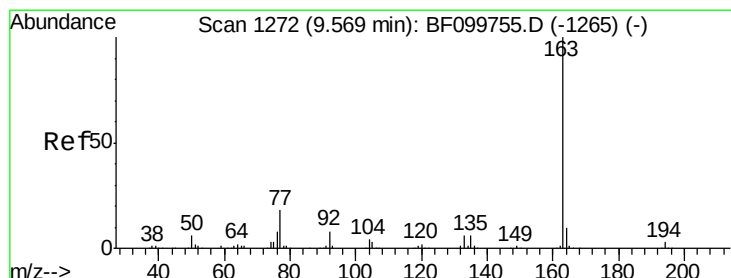
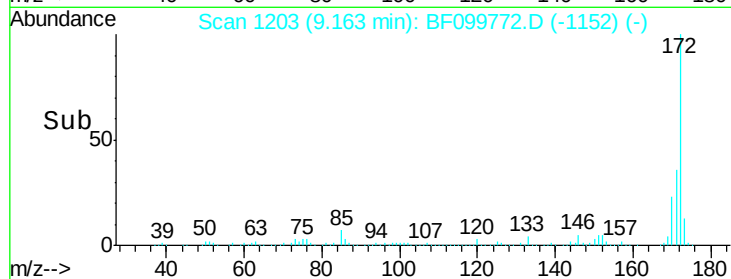
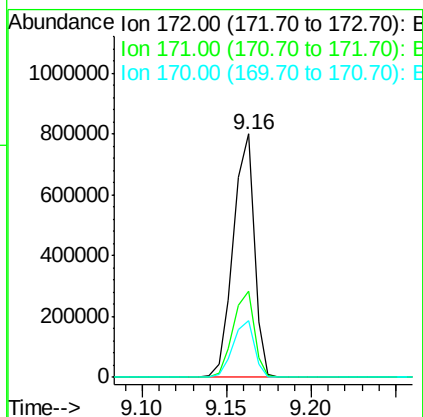
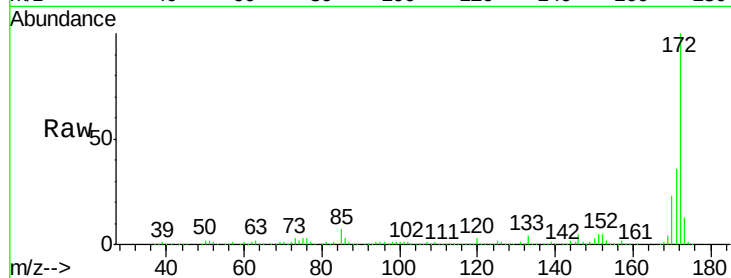




#44
2-Fluorobiphenyl
Concen: 52.61 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

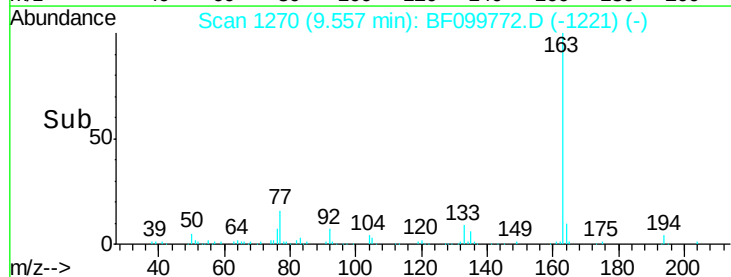
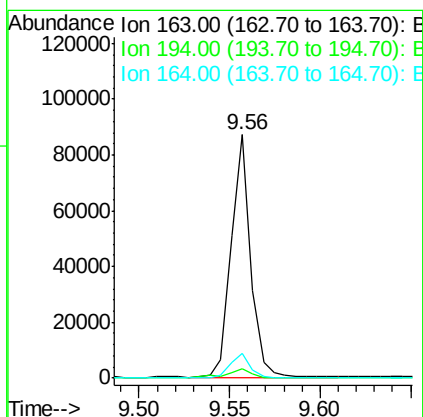
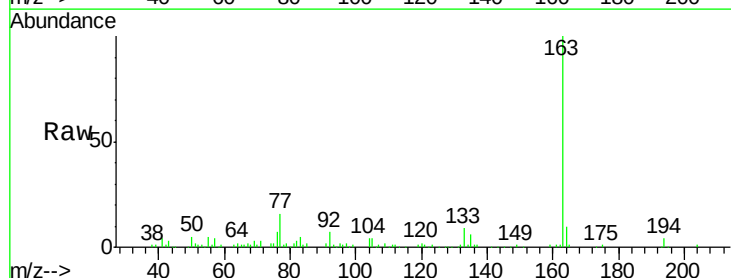
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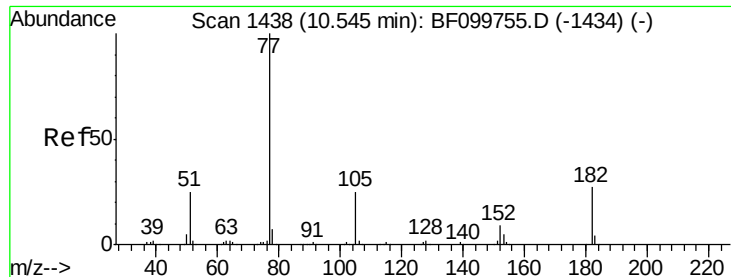
Tot Ion:172 Resp: 692539
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 4.05 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion:163 Resp: 65148
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2





#62

Azobenzene

Concen: 9.19 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

Tot Ion: 77 Resp: 121041

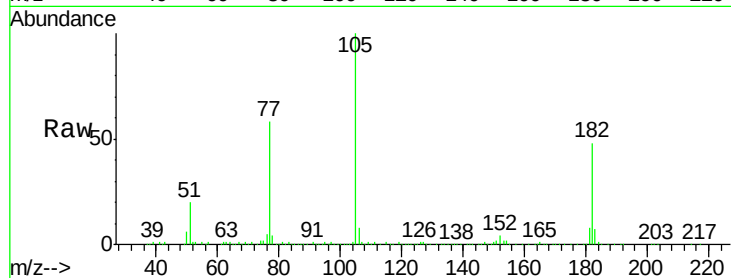
Ion Ratio Lower Upper

77 100

182 83.7 1.7 41.7#

105 173.0 3.0 43.0#

51 34.0 9.9 49.9

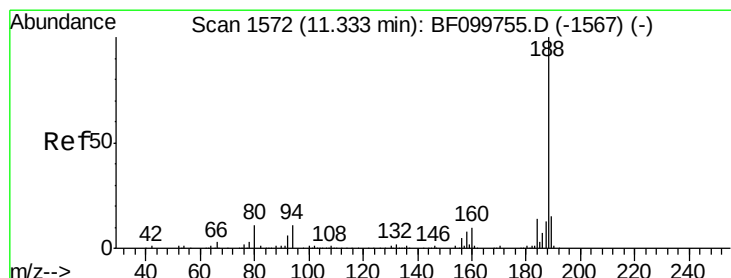
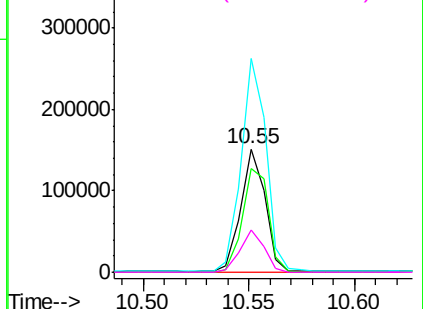
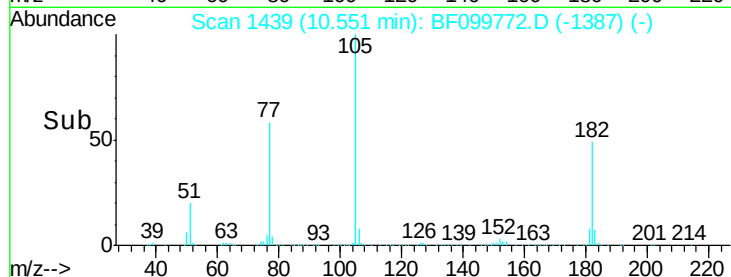


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF099772.D

Acq: 23 Oct 2017 21:22

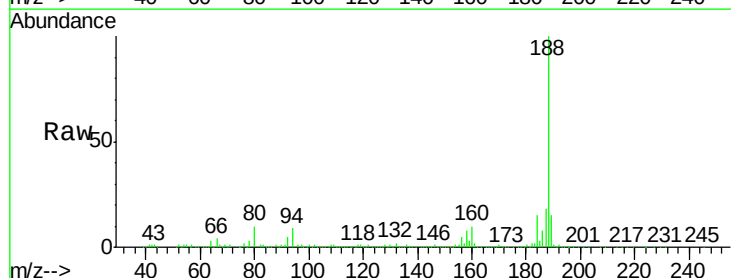
Tgt Ion: 188 Resp: 311874

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

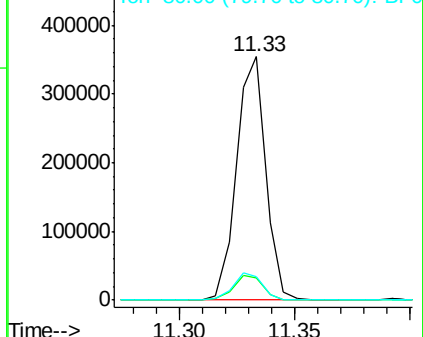
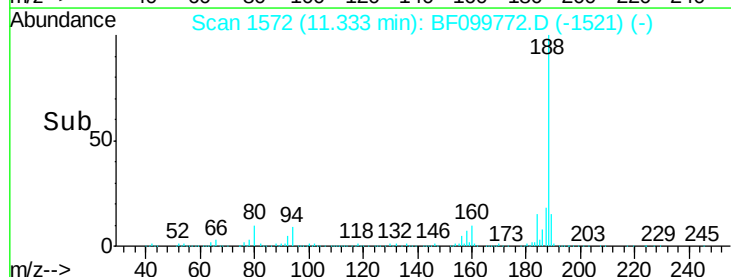
80 9.8 9.2 13.8

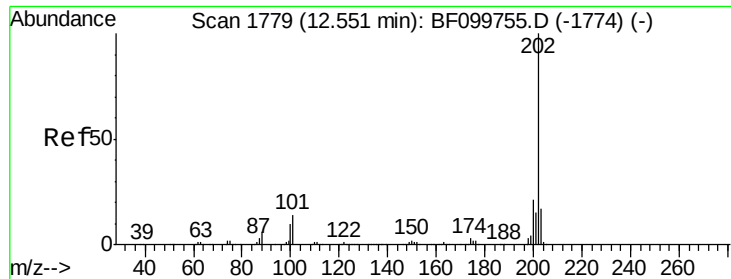


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.43 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

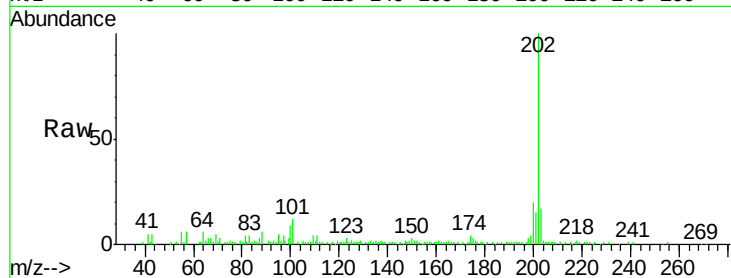
Tot Ion:202 Resp: 62767

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

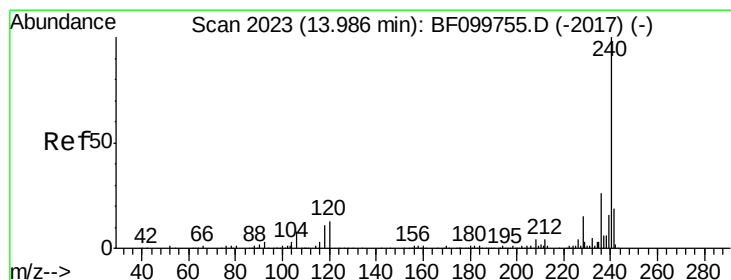
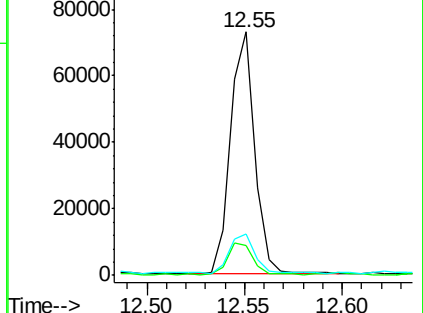
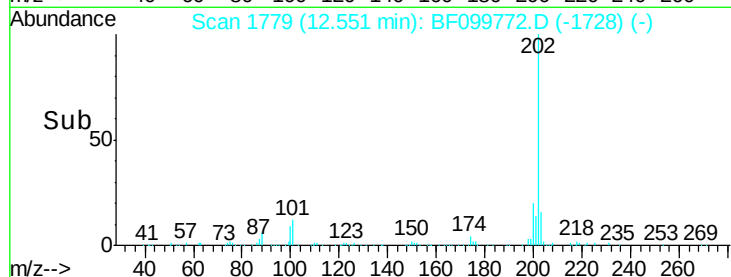
203 17.1 0.0 38.1



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: BF099772.D

Acq: 23 Oct 2017 21:22

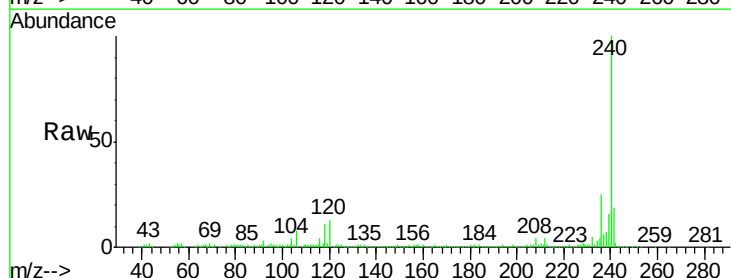
Tgt Ion:240 Resp: 182568

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

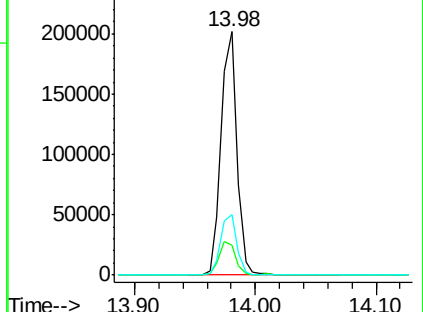
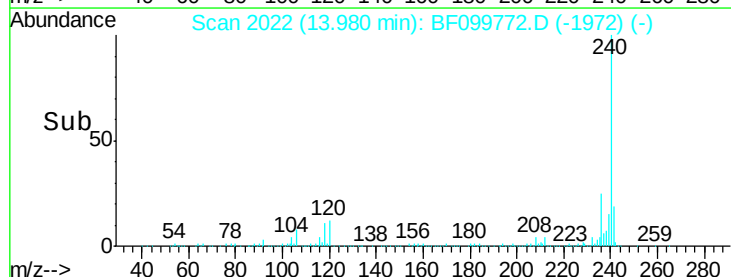
236 25.0 20.7 31.1

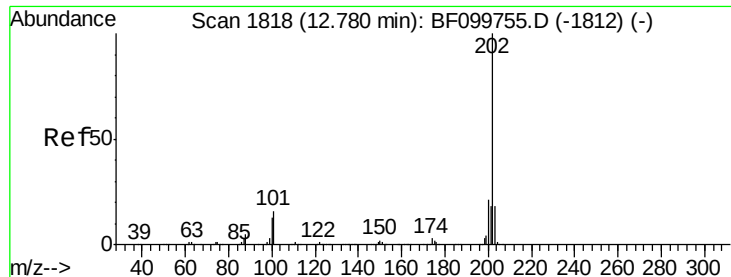


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.79 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

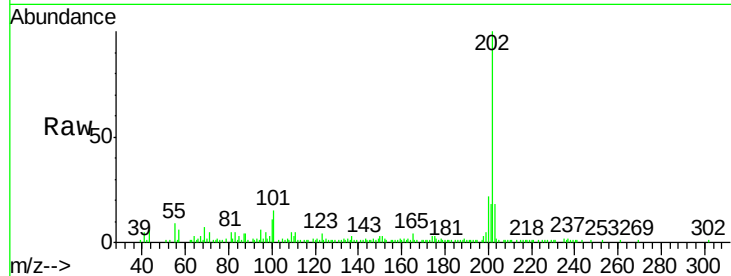
Tot Ion:202 Resp: 52587

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

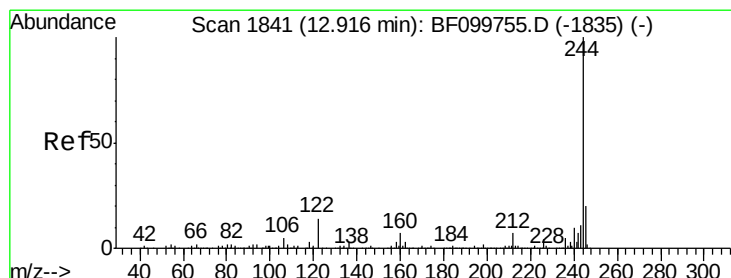
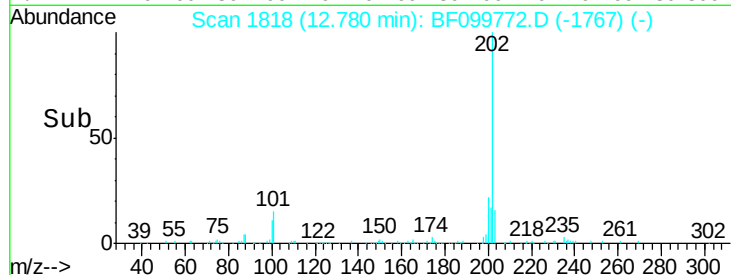
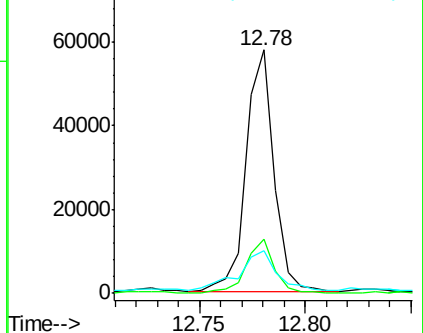
203 17.6 14.3 21.5



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: 53.32 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

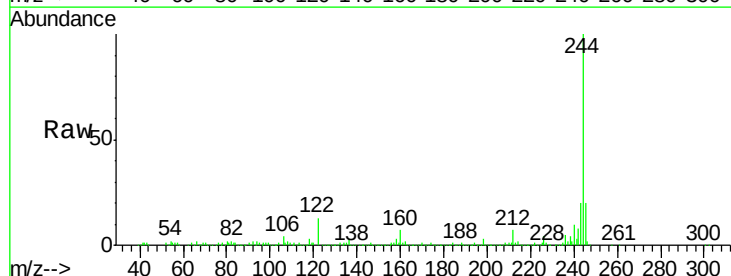
Tgt Ion:244 Resp: 445450

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

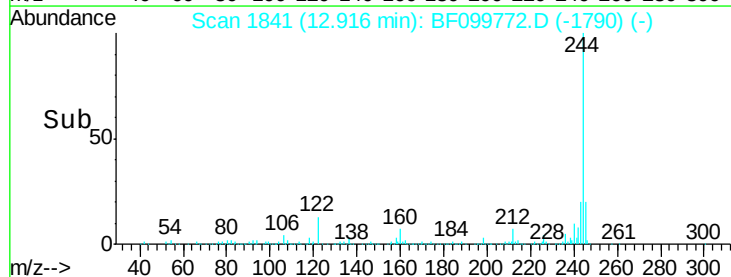
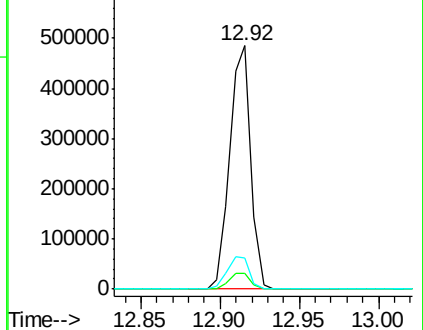
122 12.7 11.0 16.4

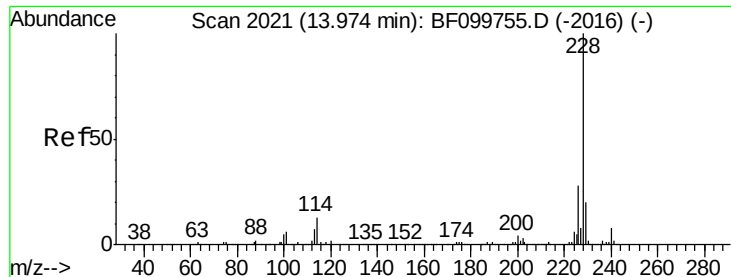


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.06 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

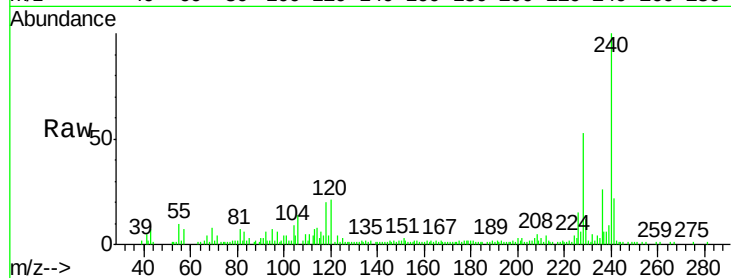
Tot Ion:228 Resp: 23894

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

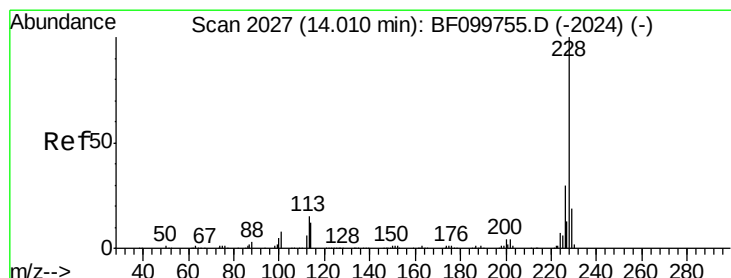
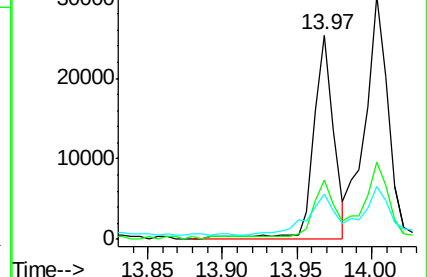
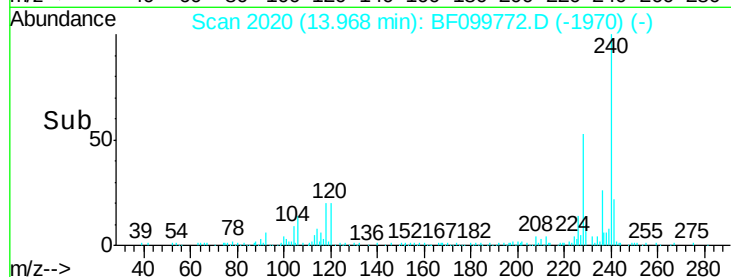
229 22.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.93 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

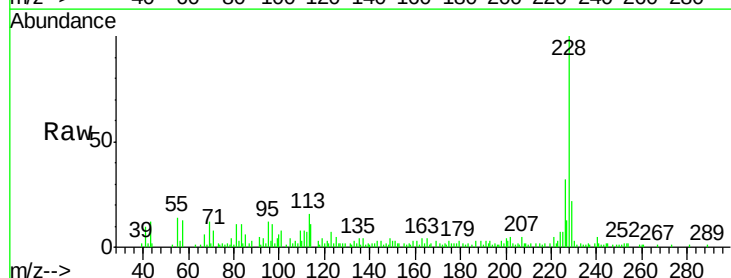
Tgt Ion:228 Resp: 31895

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

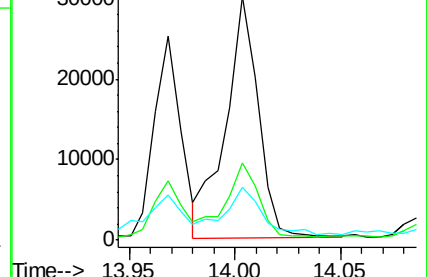
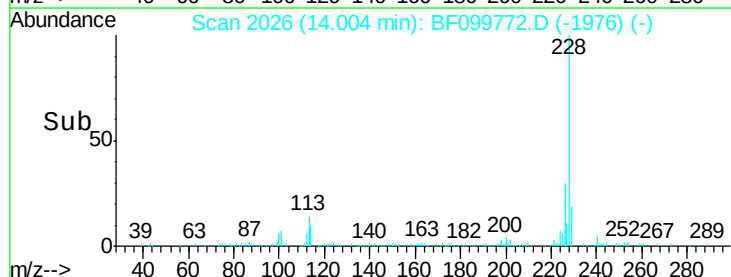
229 21.7 16.2 24.4

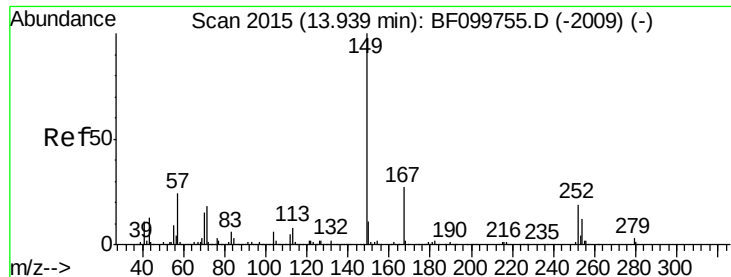


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

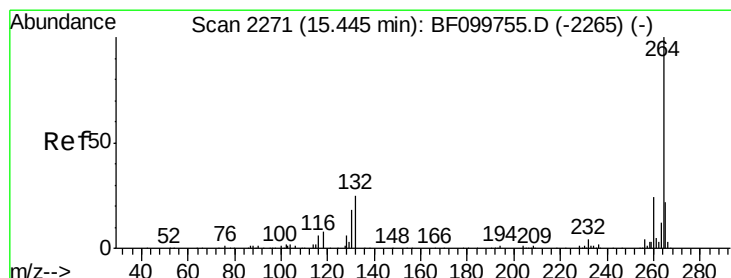
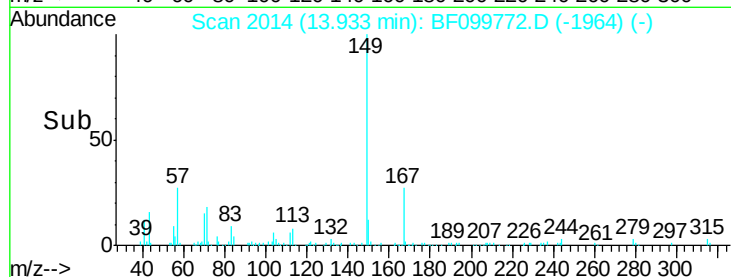
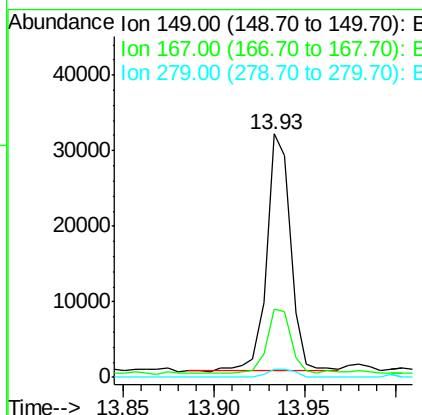
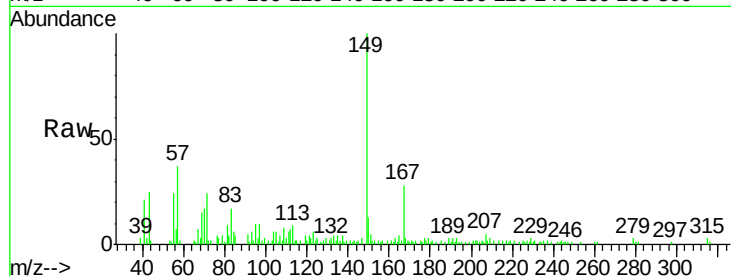




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.95 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

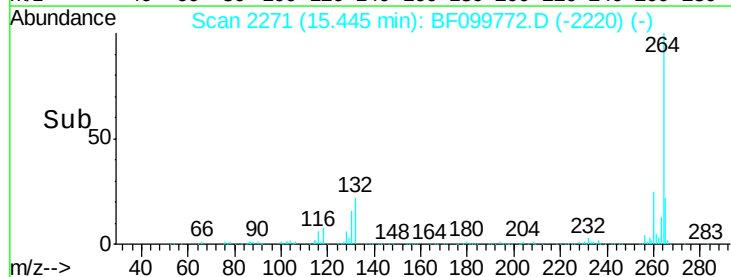
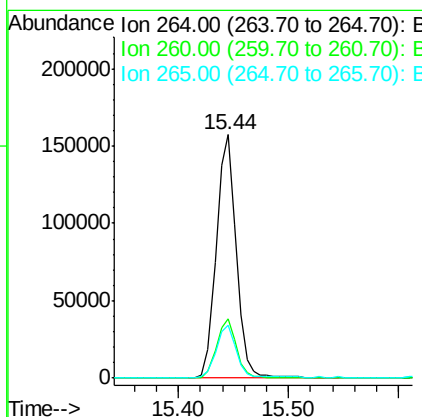
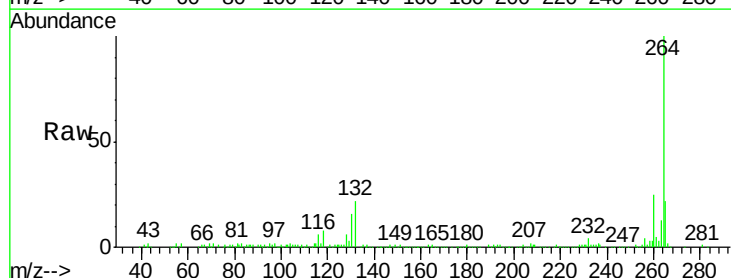
Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2RE

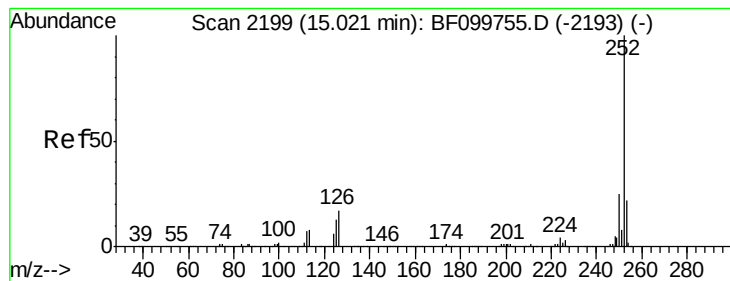
Tot Ion:149 Resp: 28311
Ion Ratio Lower Upper
149 100
167 28.0 21.3 31.9
279 3.2 3.0 4.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099772.D
Acq: 23 Oct 2017 21:22

Tgt Ion:264 Resp: 196987
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 3.31 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2RE

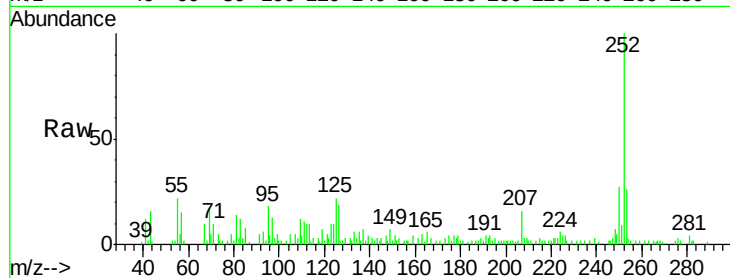
Tot Ion:252 Resp: 41169

Ion Ratio Lower Upper

252 100

253 25.5 17.0 25.6

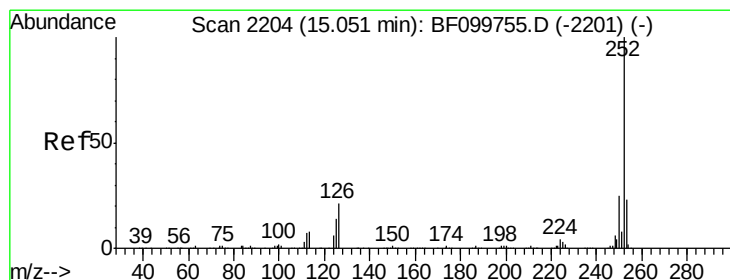
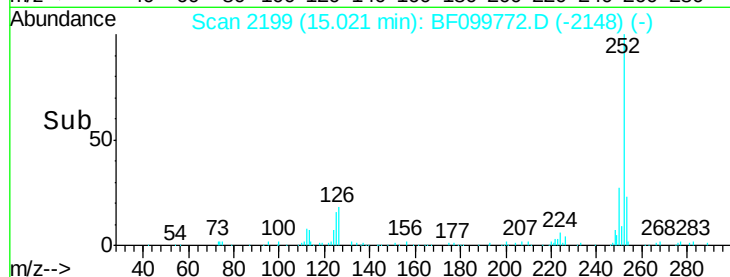
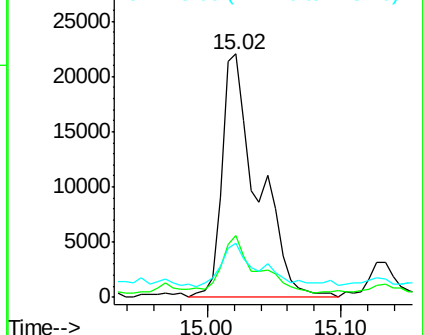
125 22.0 9.0 13.6#



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: 3.51 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BF099772.D

Acq: 23 Oct 2017 21:22

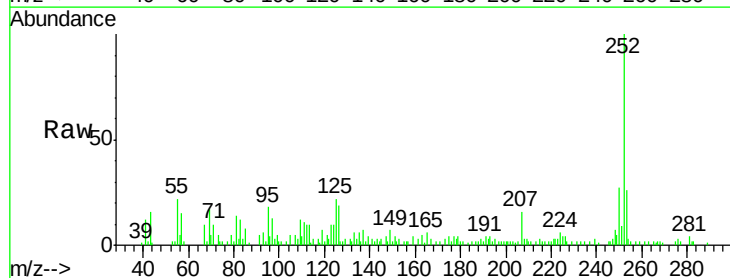
Tgt Ion:252 Resp: 41169

Ion Ratio Lower Upper

252 100

253 25.5 17.9 26.9

125 22.0 10.2 15.2#



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

