

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101774.D
 Acq On : 27 Dec 2017 20:35
 Operator : SJ/JU
 Sample : I7077-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Dec 28 04:56:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

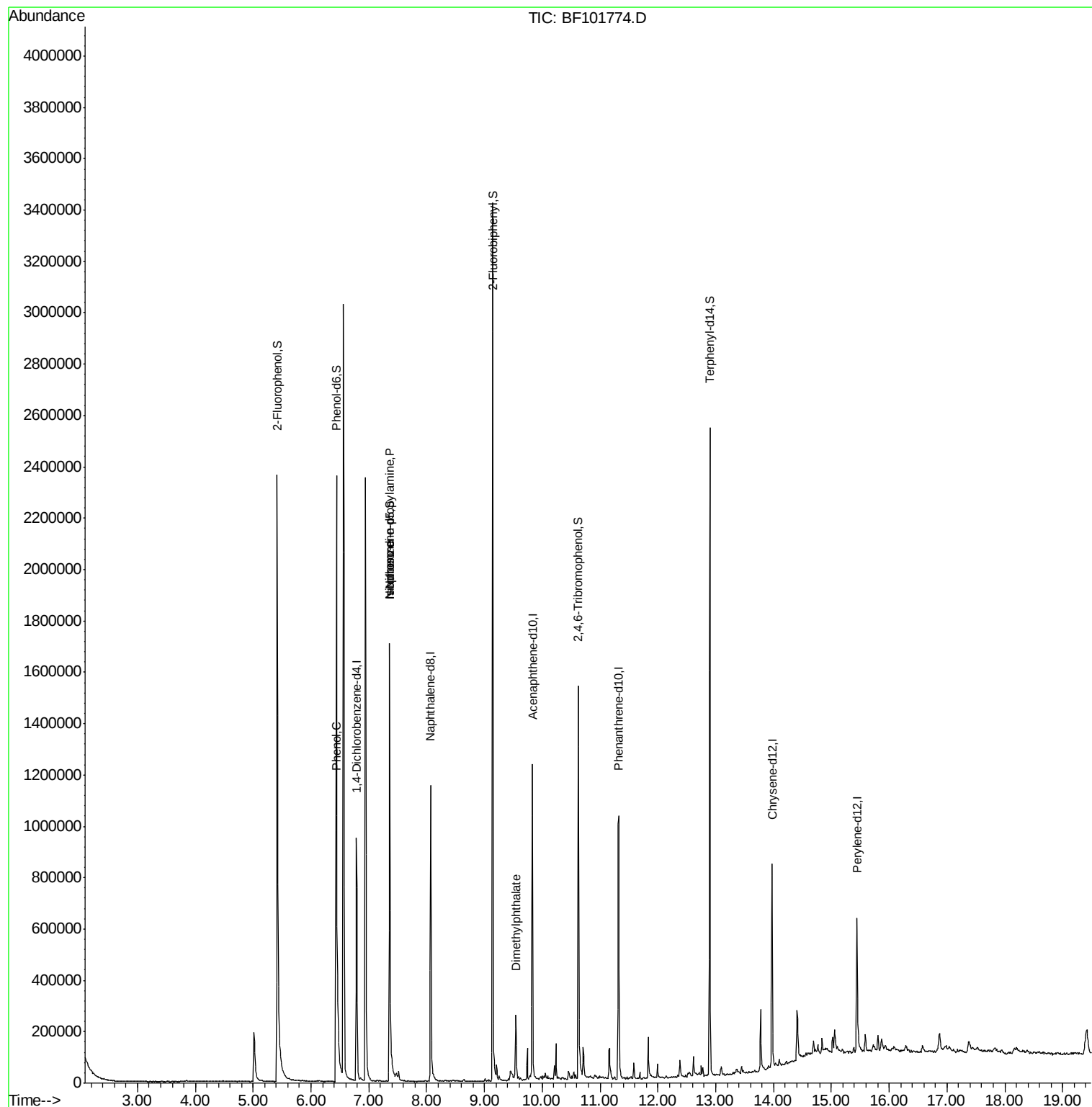
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155662	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603832	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	251905	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	415101	20.00	ng	0.00
75) Chrysene-d12	13.97	240	306085	20.00	ng	0.00
86) Perylene-d12	15.44	264	289064	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	949940	90.90	ng	0.01
7) Phenol-d6	6.44	99	1132847	87.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	708605	65.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	219666	90.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1146907	70.63	ng	0.00
78) Terphenyl-d14	12.90	244	853334	67.21	ng	0.00
Target Compounds						
10) Phenol	6.45	94	50164	3.384	ng	# 74
19) n-Nitroso-di-n-propylamine	7.36	70	92733	10.857	ng	# 81
25) Isophorone	7.36	82	708605	32.564	ng	# 64
49) Dimethylphthalate	9.55	163	114735	5.663	ng	100

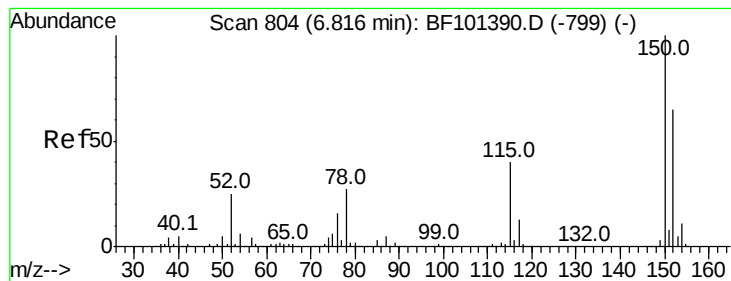
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101774.D
Acq On : 27 Dec 2017 20:35
Operator : SJ/JU
Sample : I7077-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Quant Time: Dec 28 04:56:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



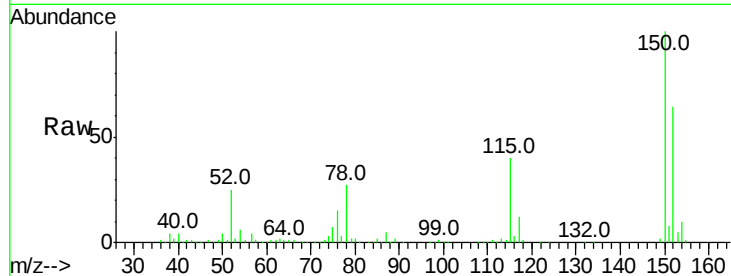


#1

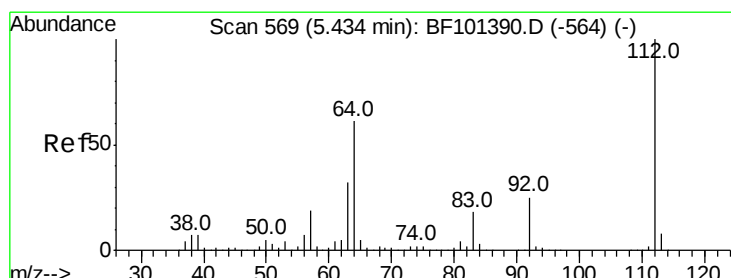
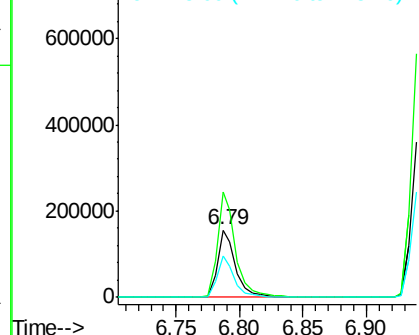
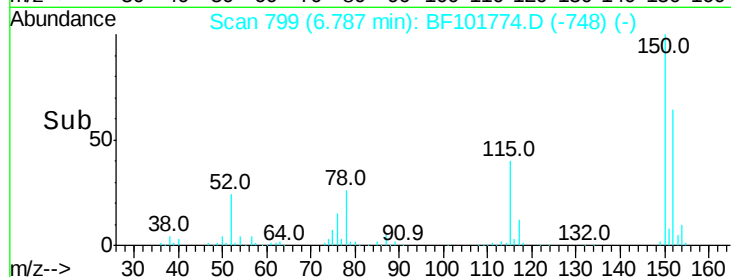
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tot Ion:152 Resp: 155662
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.0 50.1 75.1



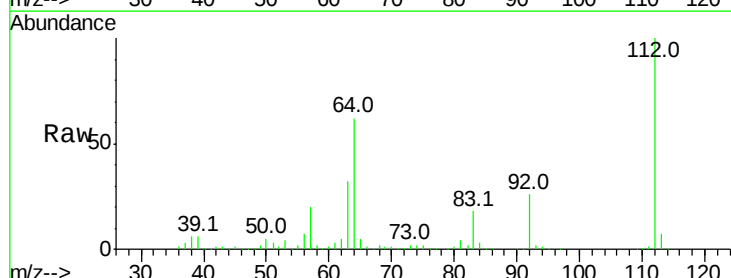
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



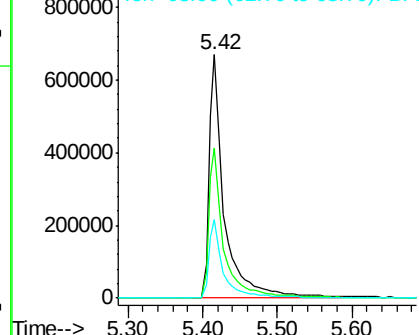
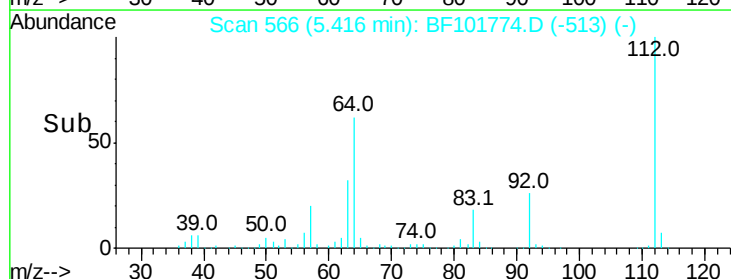
#5

2-Fluorophenol
Concen: 90.903 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion:112 Resp: 949940
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.105 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

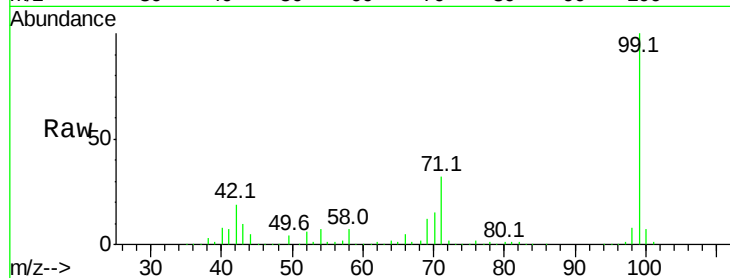
BNA_F

ClientSampleId :

SB-07-COMP

Tot Ion: 99 Resp: 1132847

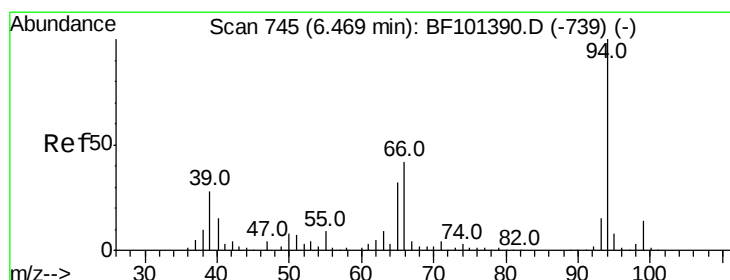
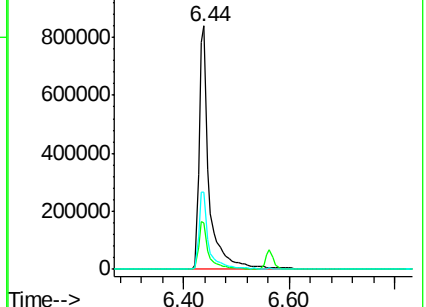
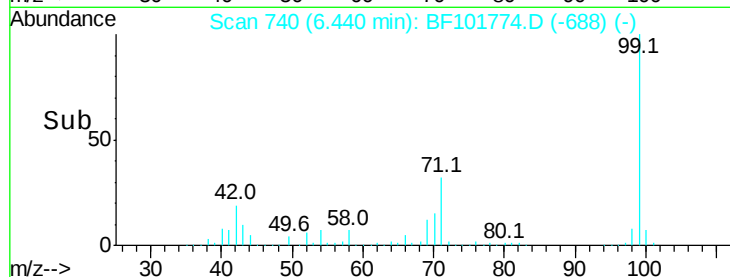
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.9	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.384 ng

RT: 6.45 min Scan# 742

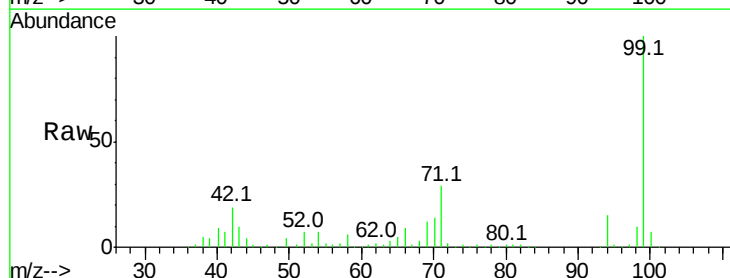
Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Tgt Ion: 94 Resp: 50164

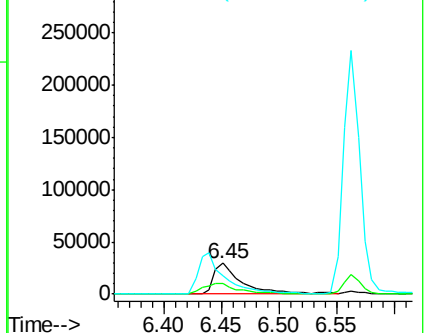
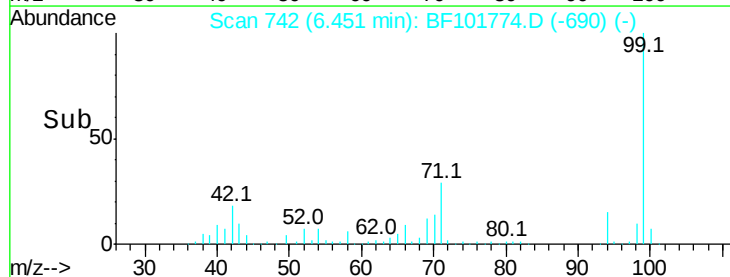
Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	58.5	16.2	56.2

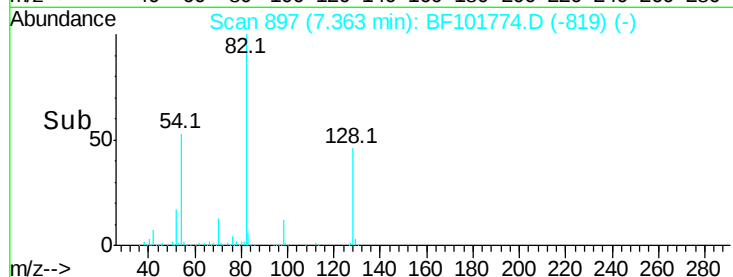
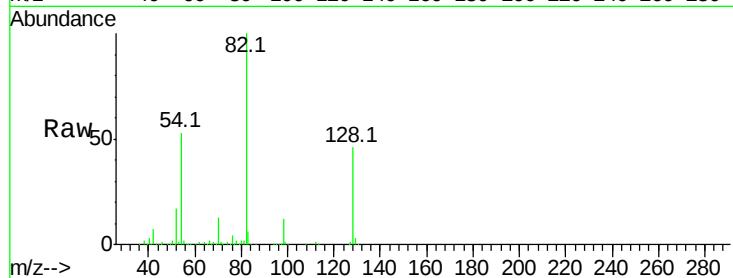
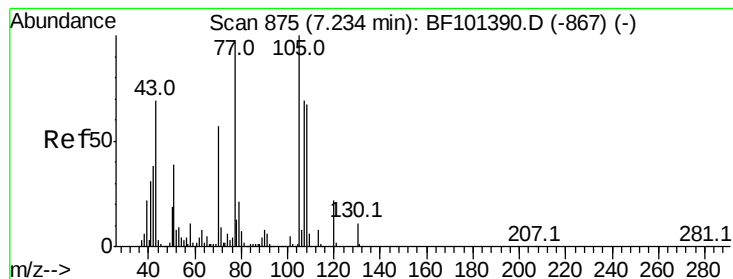


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.857 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tot Ion: 70 Resp: 92733

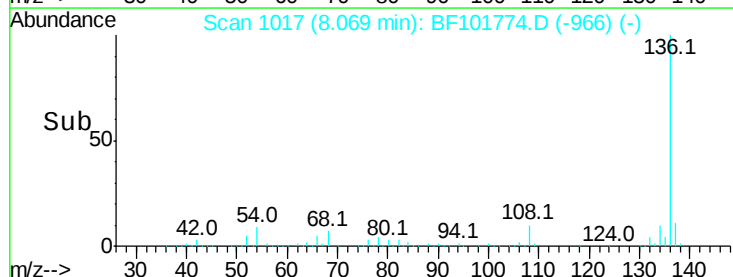
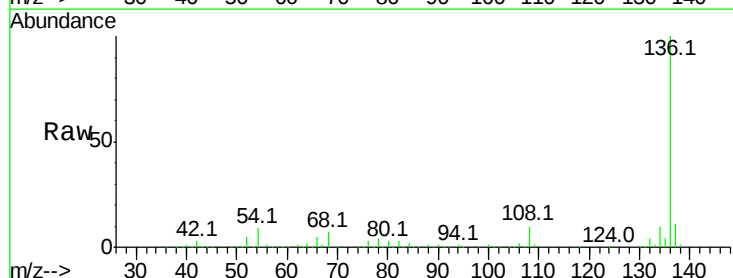
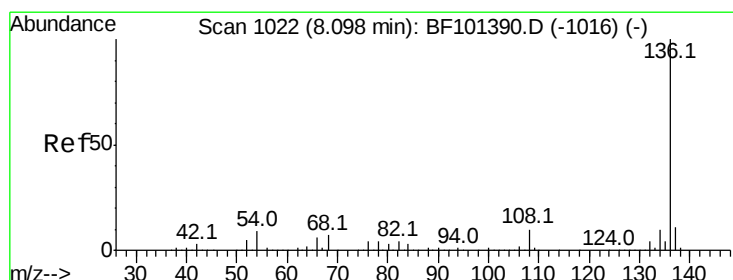
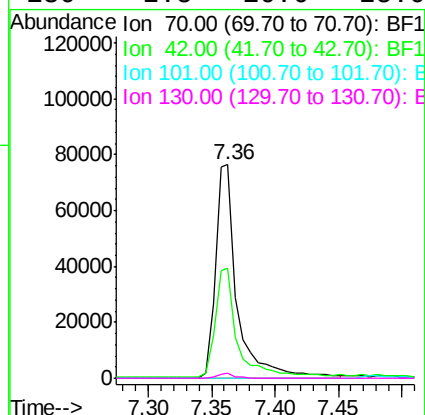
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Tgt Ion: 136 Resp: 603832

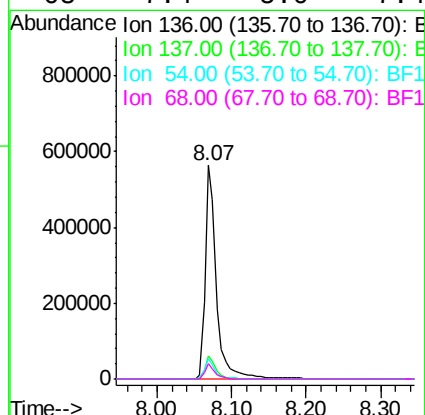
Ion Ratio Lower Upper

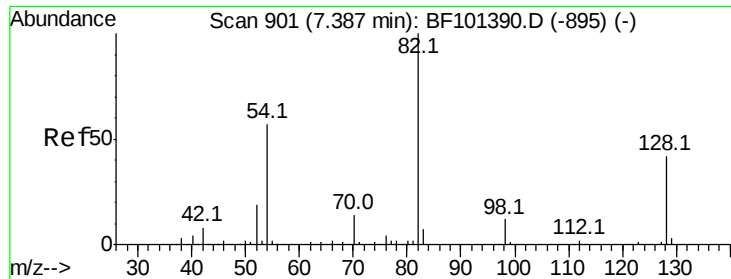
136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 7.4 5.0 7.4

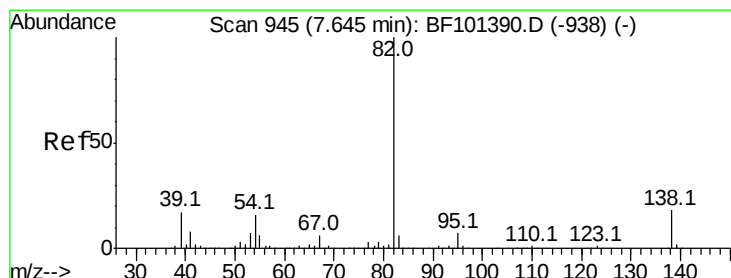
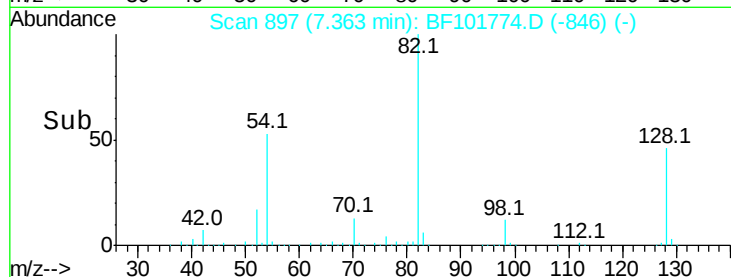
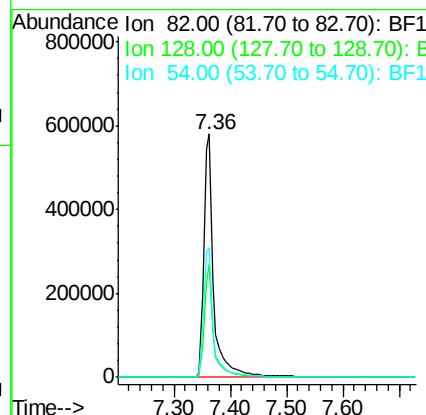
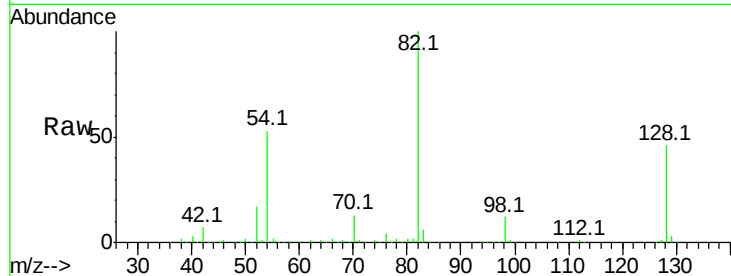




#23
 Nitrobenzene-d5
 Concen: 65.325 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

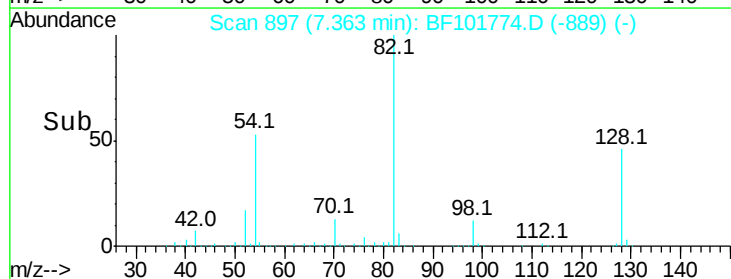
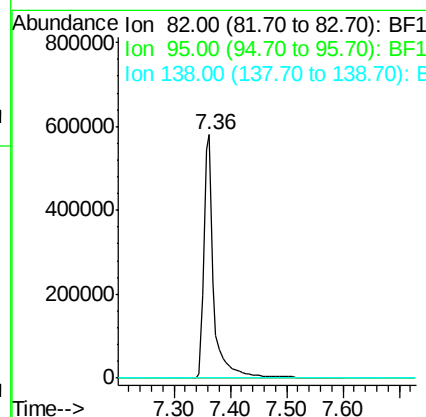
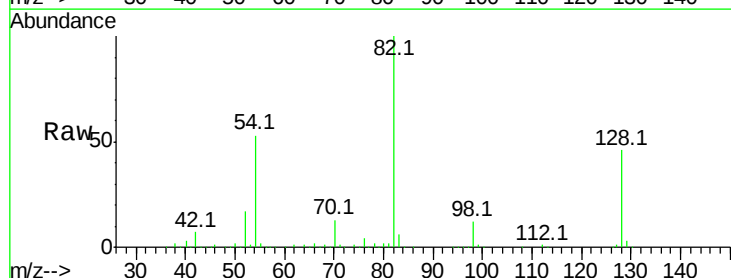
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

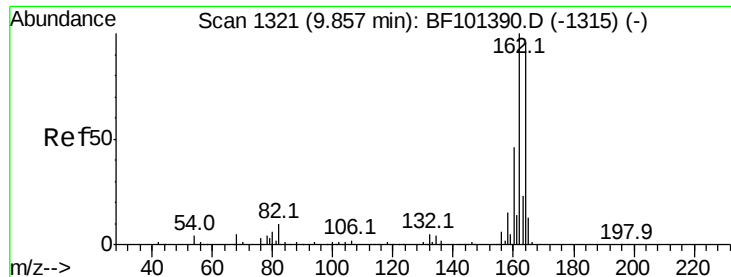
Tot Ion	82	Resp	708605
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 32.564 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

Tgt Ion	82	Resp	708605
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

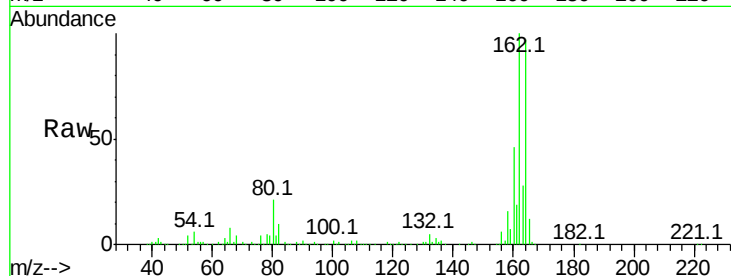
Tot Ion:164 Resp: 251905

Ion Ratio Lower Upper

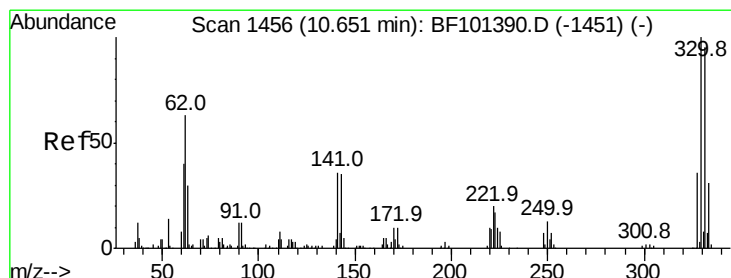
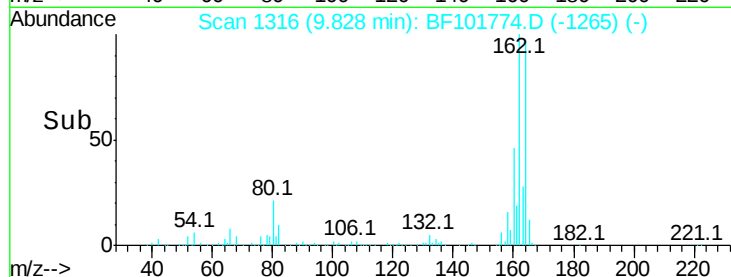
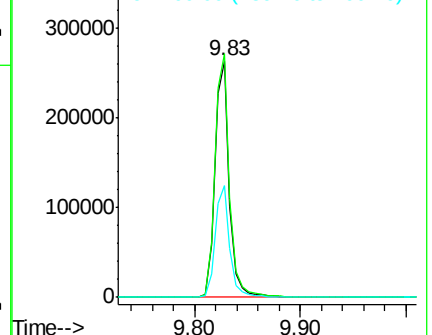
164 100

162 103.1 86.1 129.1

160 47.5 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: 90.498 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

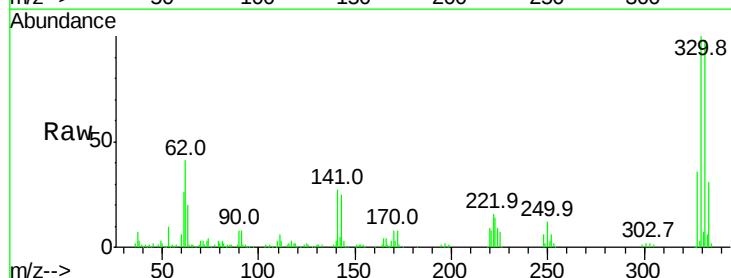
Tgt Ion:330 Resp: 219666

Ion Ratio Lower Upper

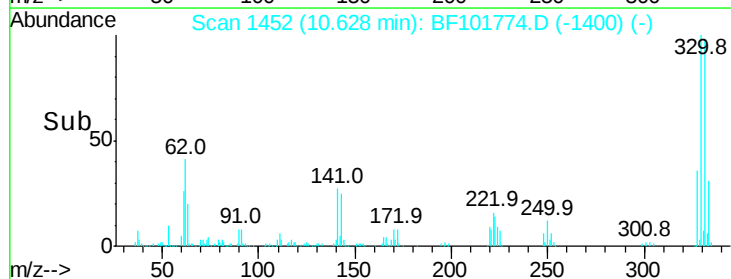
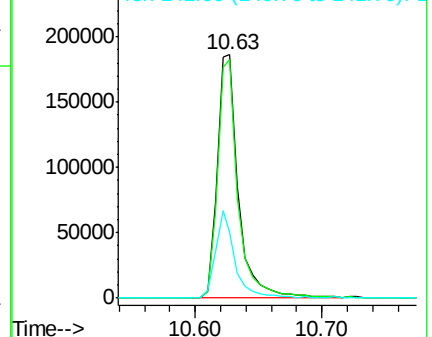
330 100

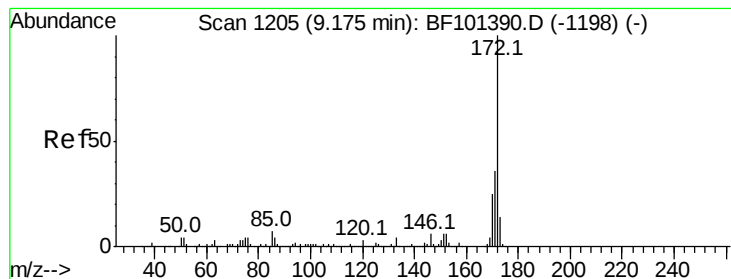
332 95.9 77.0 115.6

141 32.8 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: 70.627 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

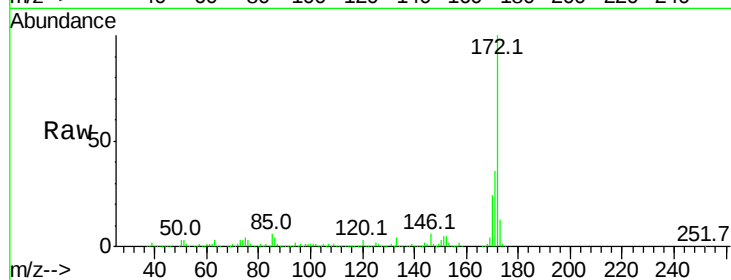
BNA_F

ClientSampleId :

SB-07-COMP

Tot Ion:172 Resp: 1146907

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

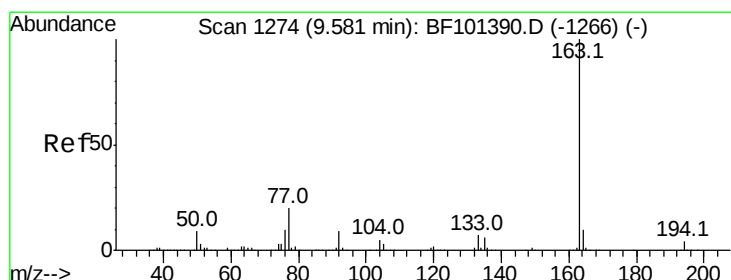
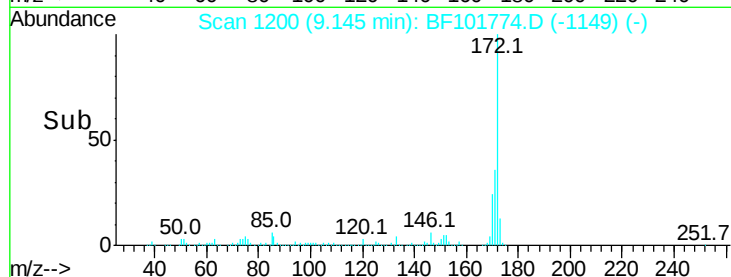
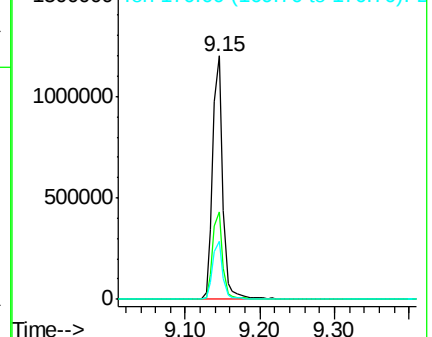


Abundance

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: 5.663 ng

RT: 9.55 min Scan# 1268

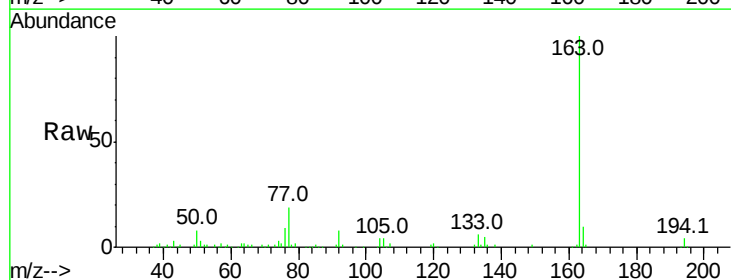
Delta R.T. -0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Tgt Ion:163 Resp: 114735

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

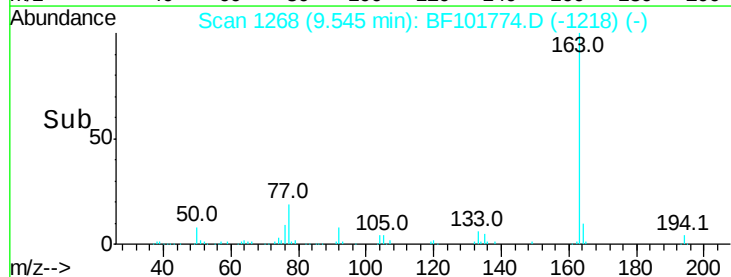
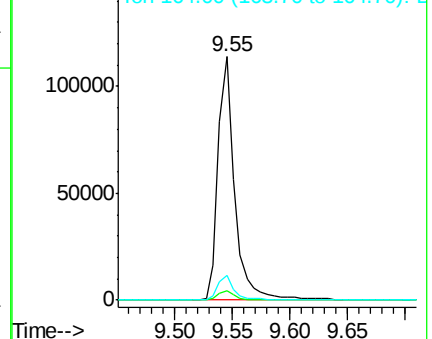


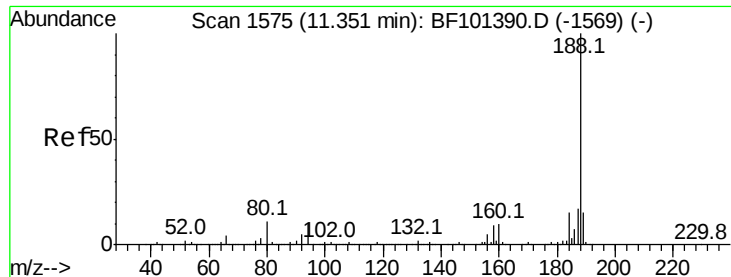
Abundance

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

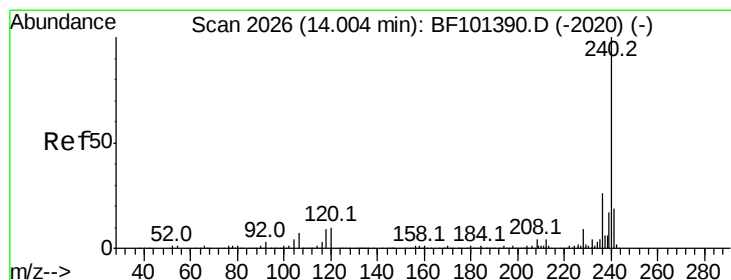
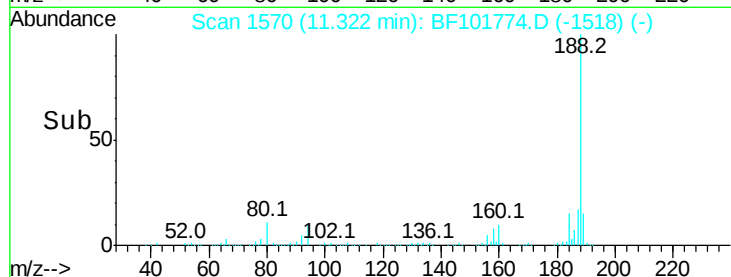
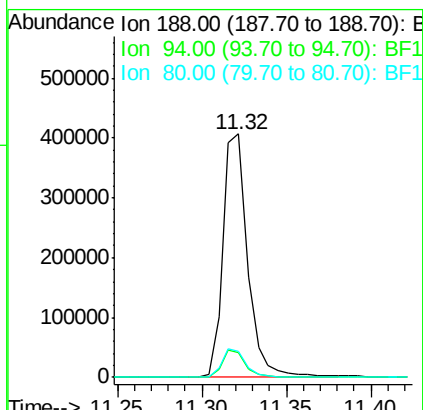
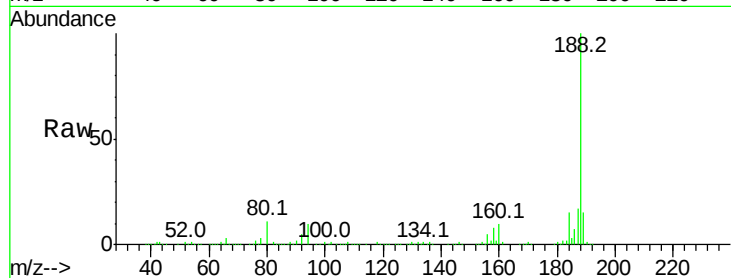




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

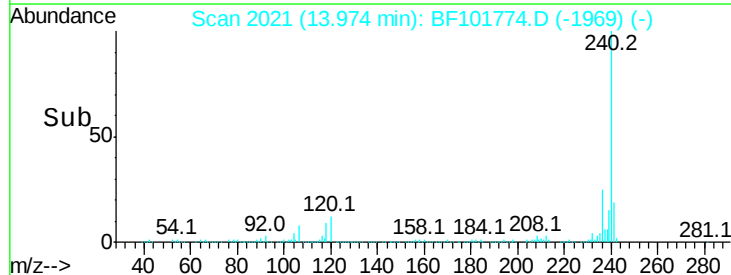
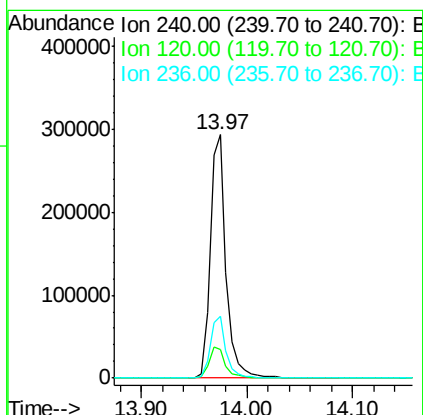
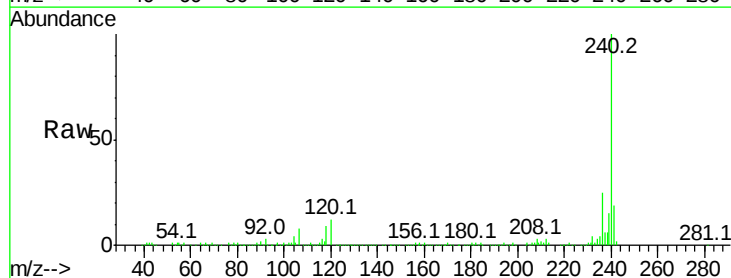
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

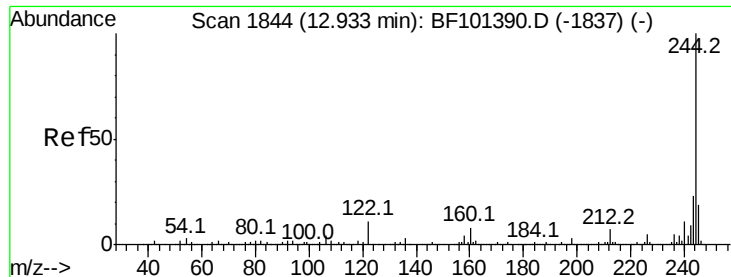
Tot Ion:188 Resp: 415101
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion:240 Resp: 306085
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 67.210 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

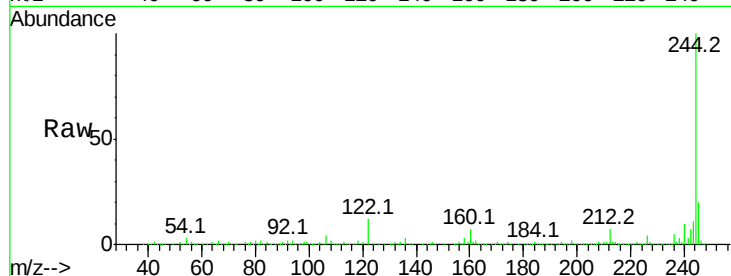
Tot Ion:244 Resp: 853334

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

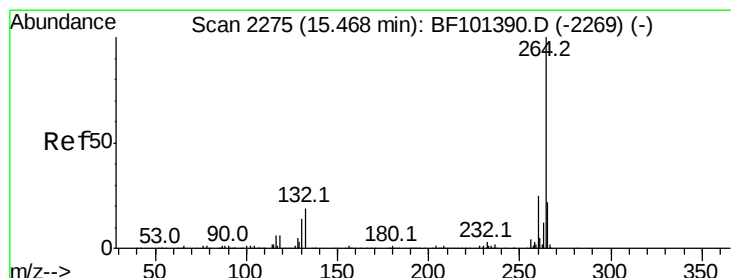
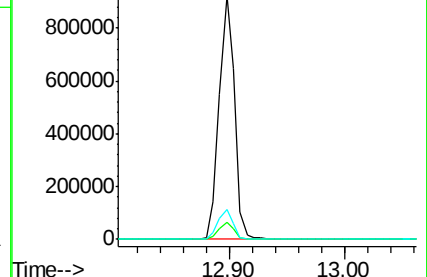
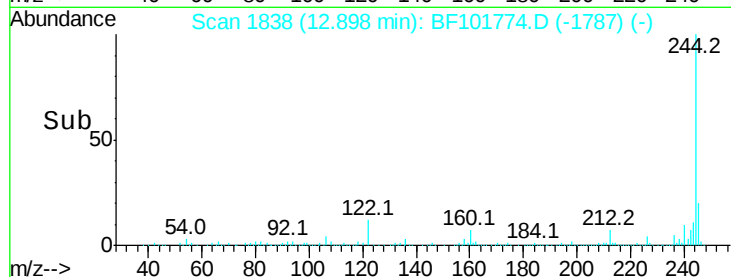
122 12.0 11.0 16.4



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: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

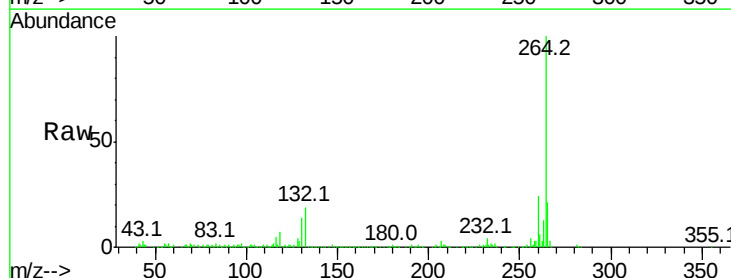
Tgt Ion:264 Resp: 289064

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 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

