

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095849.D
 Acq On : 10 Jun 2017 15:54
 Operator : SJ/MA
 Sample : PB99662BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

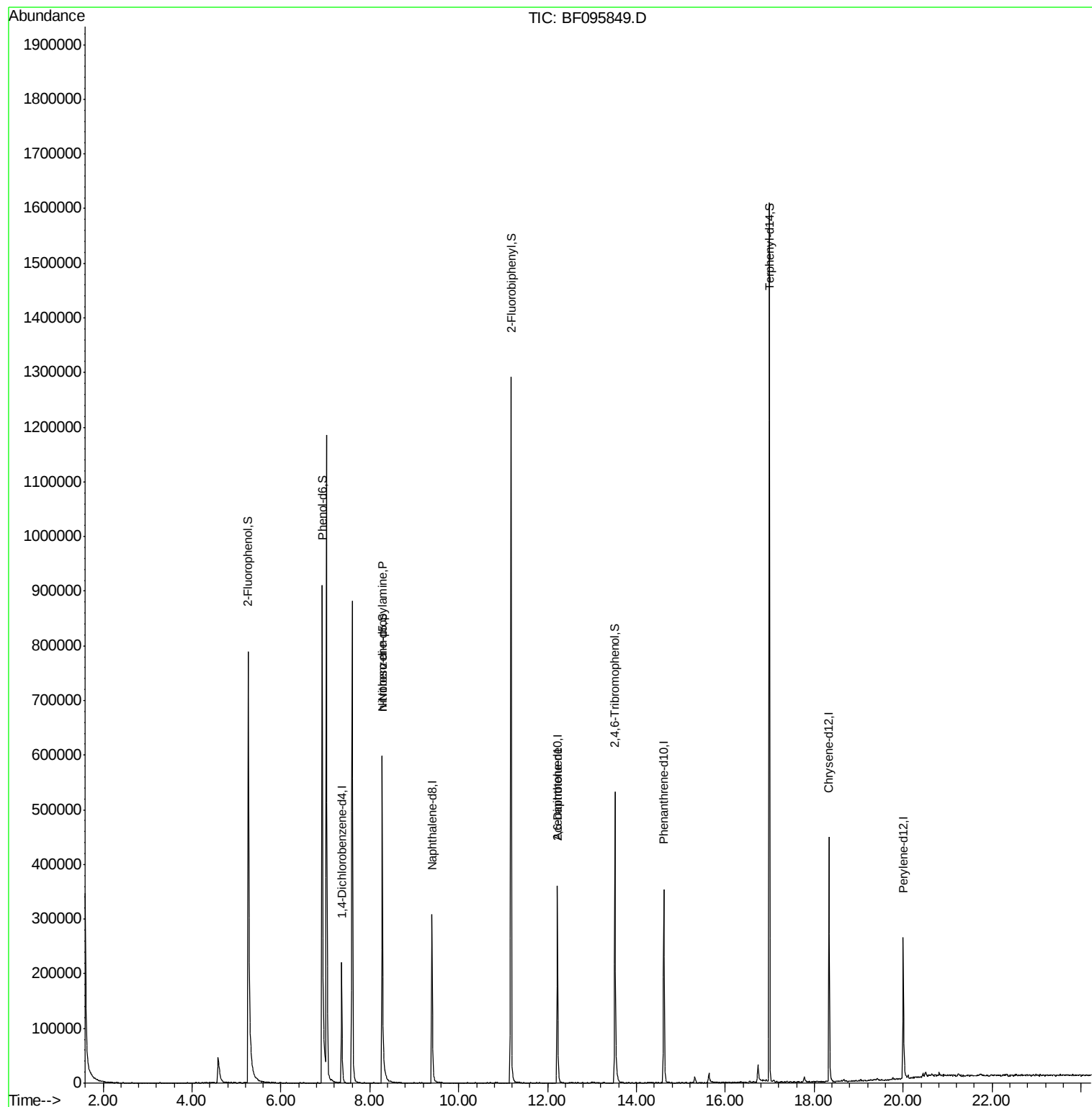
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	56981	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	236353	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	110437	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	213541	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	198021	20.00	ng	-0.02
86) Perylene-d12	20.00	264	140071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	474384	132.66	ng	-0.02
7) Phenol-d6	6.93	99	558642	130.49	ng	-0.03
23) Nitrobenzene-d5	8.28	82	328891	86.42	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	99735	102.07	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	675948	85.17	ng	-0.04
78) Terphenyl-d14	16.99	244	664260	83.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	39700	14.63	ng	# 74
50) 2,6-Dinitrotoluene	12.22	165	13537	7.40	ng	# 31

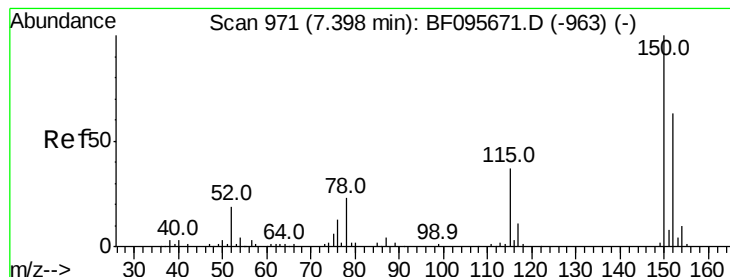
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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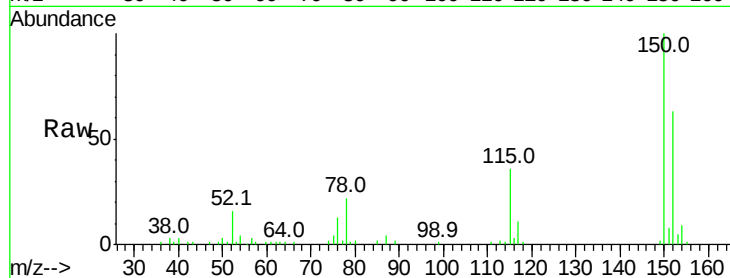


#1

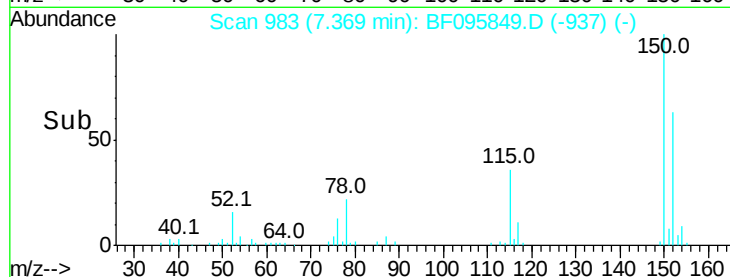
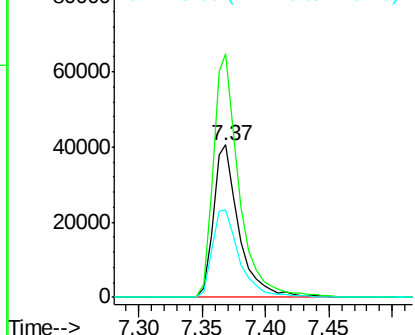
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56981
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 57.0 52.2 78.2



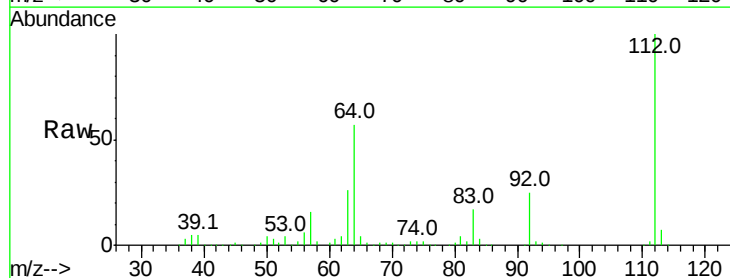
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



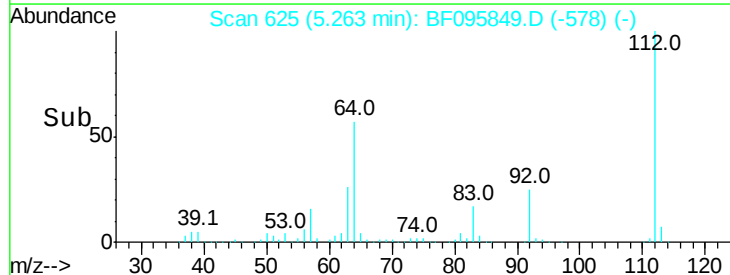
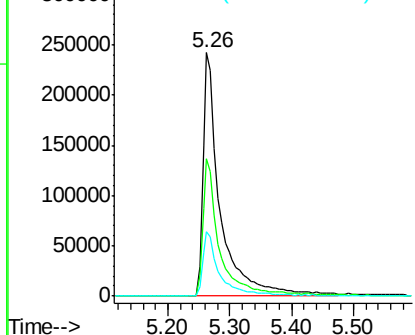
#5

2-Fluorophenol
Concen: 132.66 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Tgt Ion:112 Resp: 474384
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 26.5 23.4 35.0



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: 130.49 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

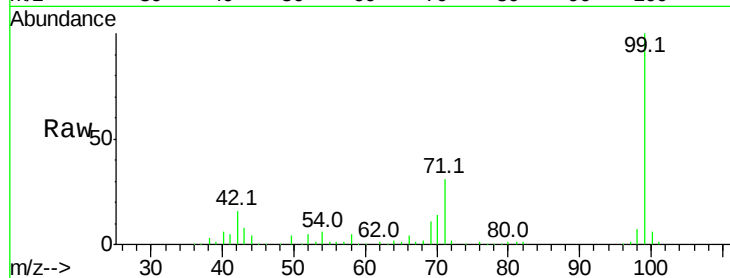
Tot Ion: 99 Resp: 558642

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 31.4 24.5 36.7



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

400000

300000

200000

100000

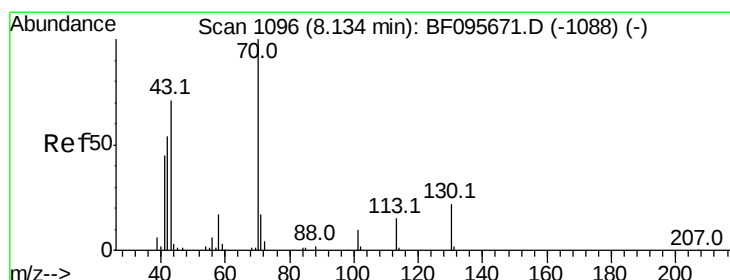
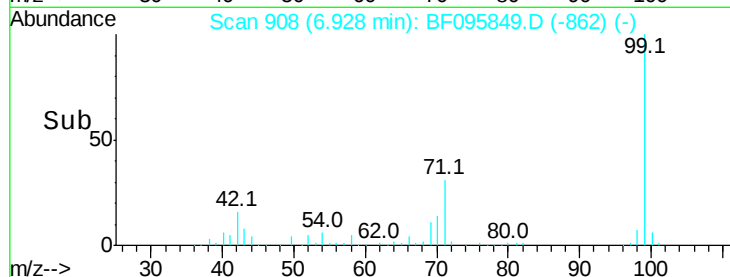
0

6.93

6.90

7.00

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Tgt Ion: 70 Resp: 39700

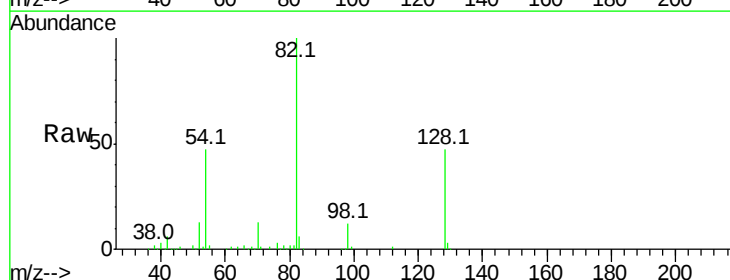
Ion Ratio Lower Upper

70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

40000

30000

20000

10000

0

8.28

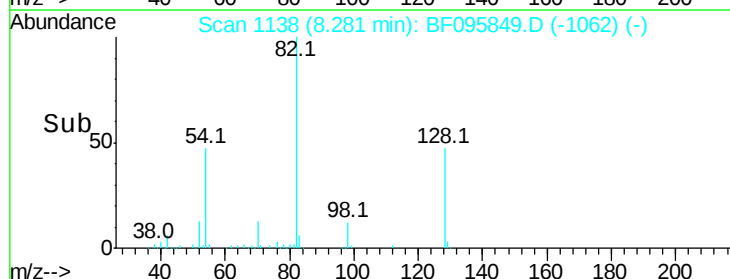
8.20

8.30

8.35

8.40

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

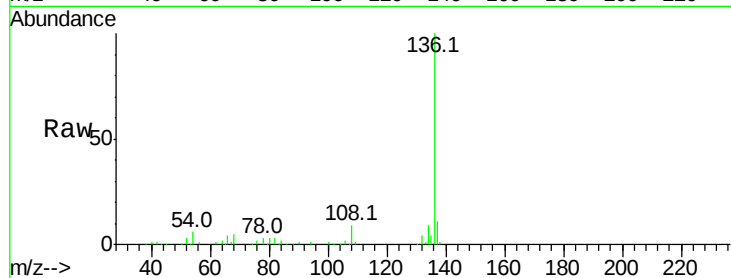
Delta R.T. -0.04 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	236353
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	6.3	4.9 7.3
68	5.0	4.1 6.1

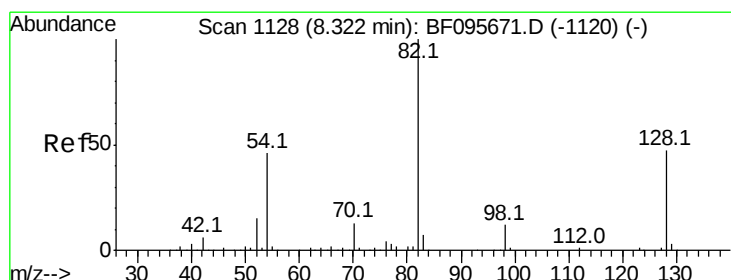
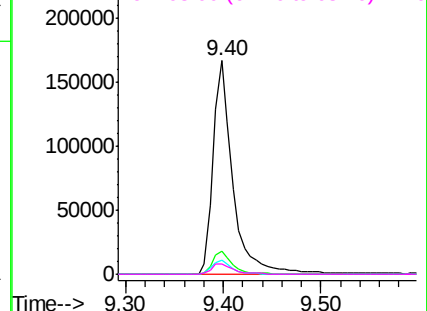
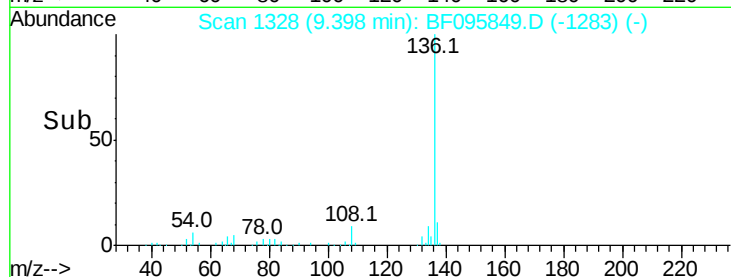


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.42 ng

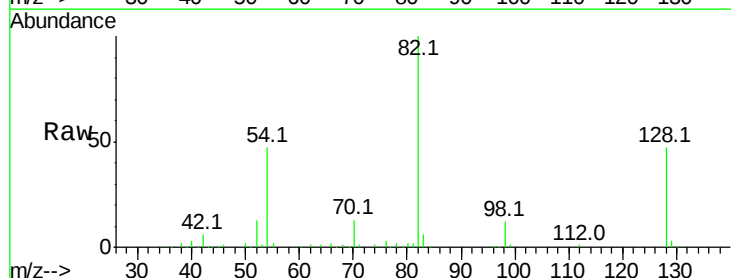
RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

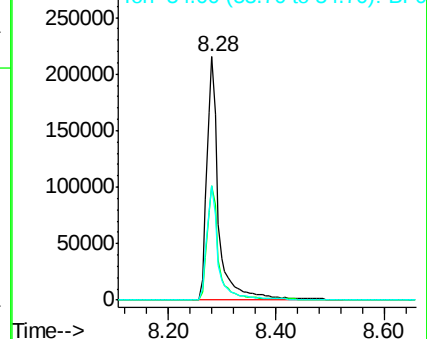
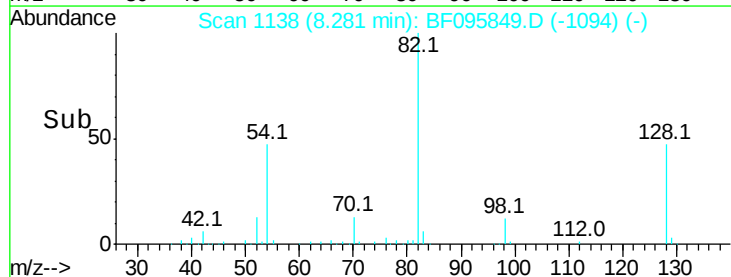
Tgt Ion: 82	Resp:	328891
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.0 51.0
54	47.0	42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

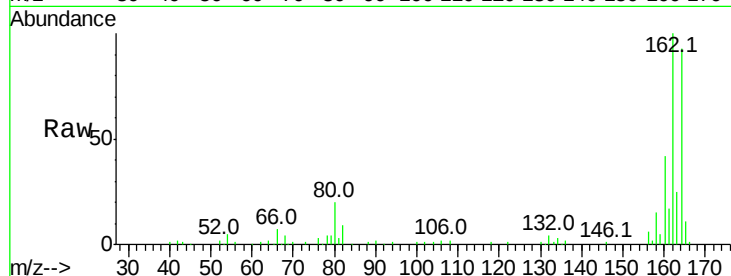
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 110437

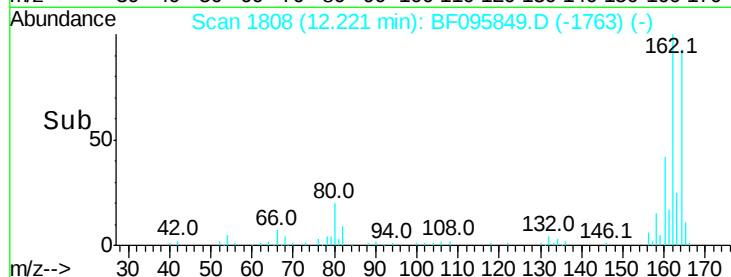
Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	44.8	36.2	54.2



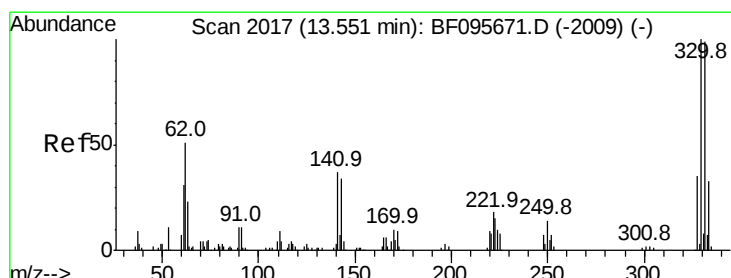
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 102.07 ng

RT: 13.52 min Scan# 2028

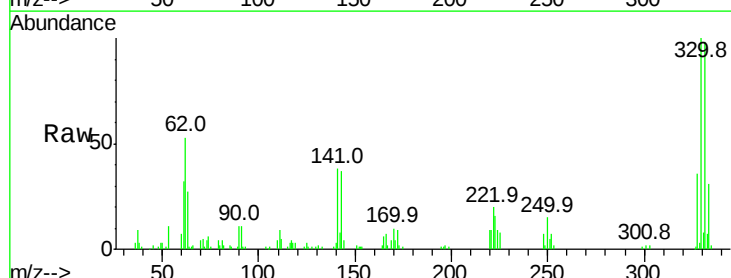
Delta R.T. -0.04 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Tgt Ion:330 Resp: 99735

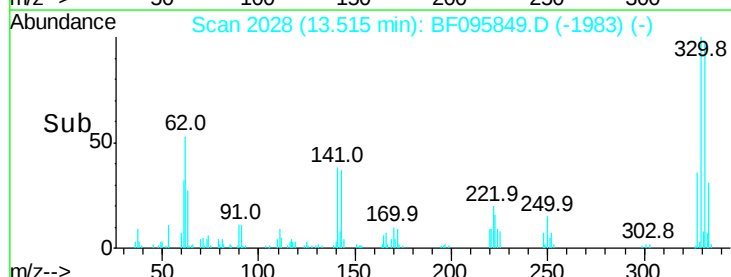
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.5	31.4	47.2



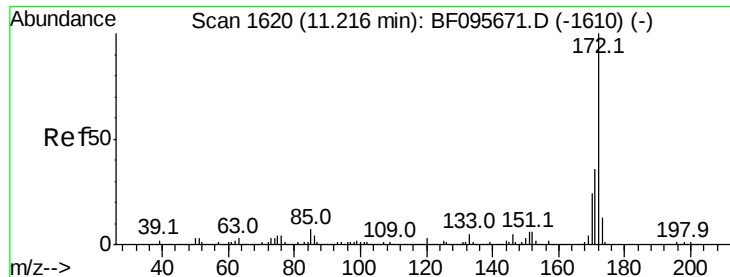
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



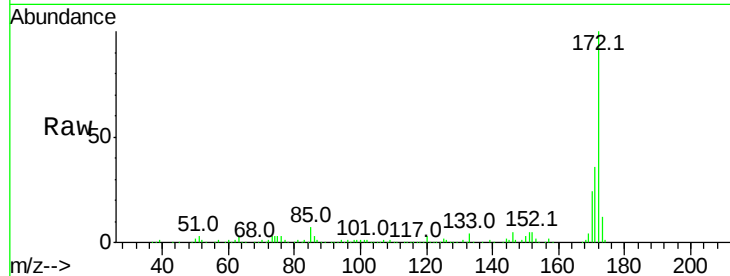
Time-->



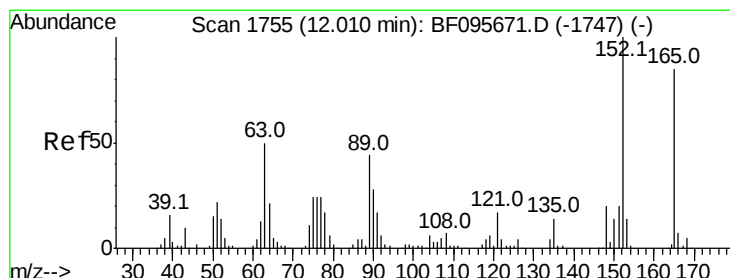
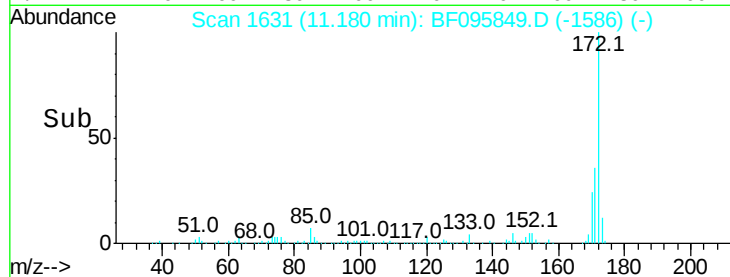
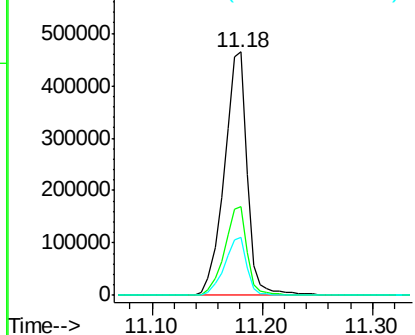
#44
2-Fluorobiphenyl
Concen: 85.17 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 675948
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.8 29.8

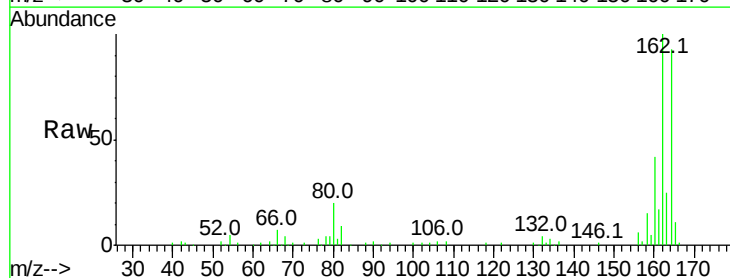


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

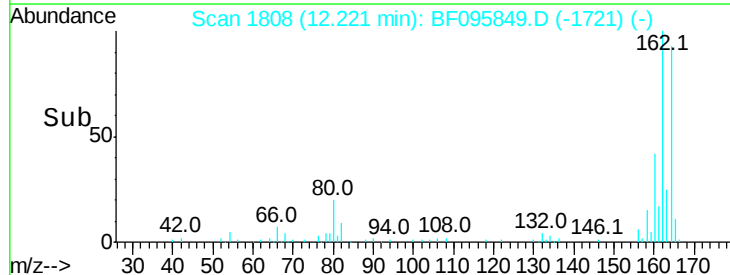
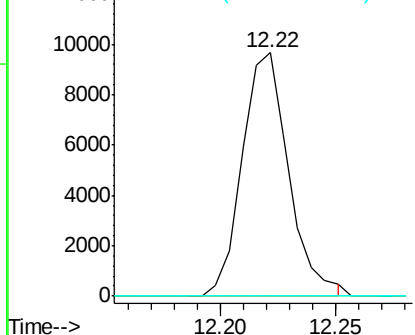


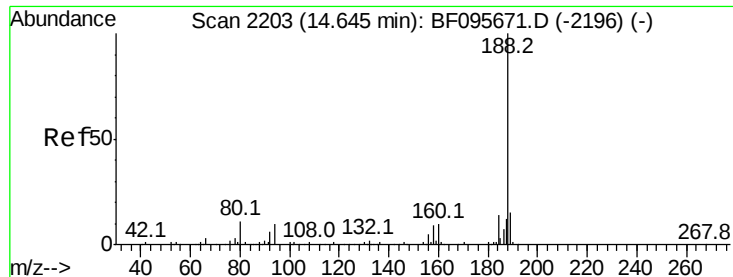
#50
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.21 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Tgt Ion:165 Resp: 13537
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

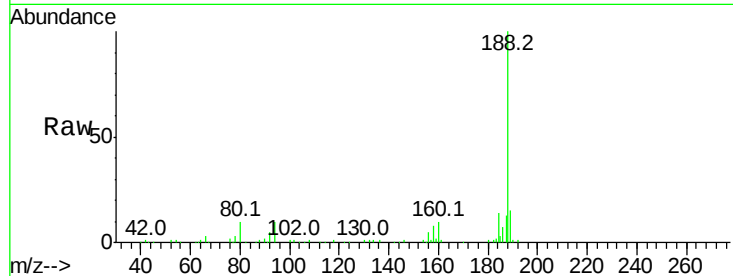




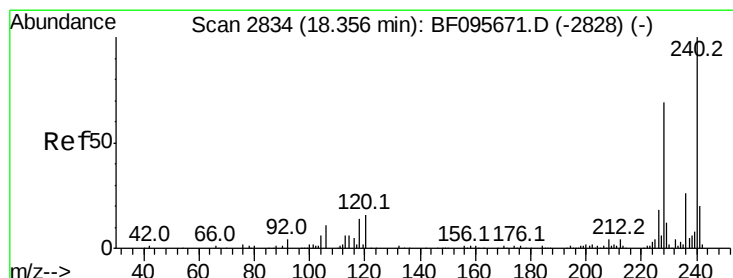
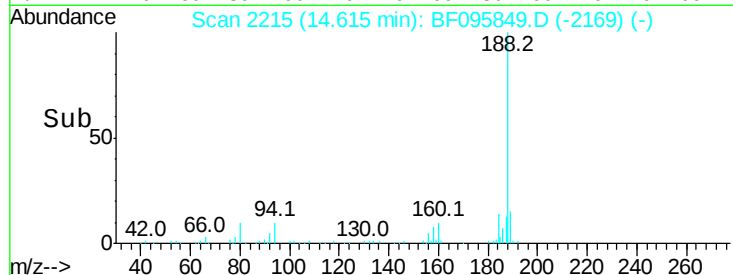
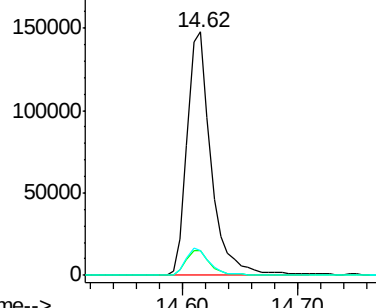
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 213541
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.4 10.2 15.2

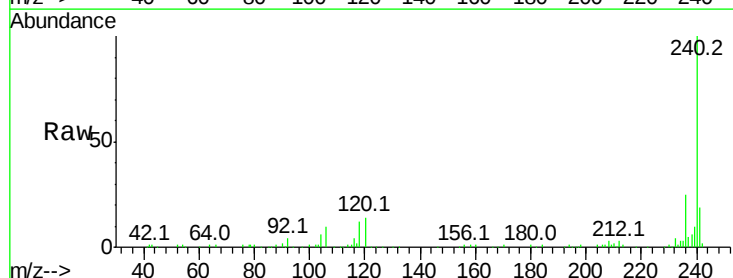


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

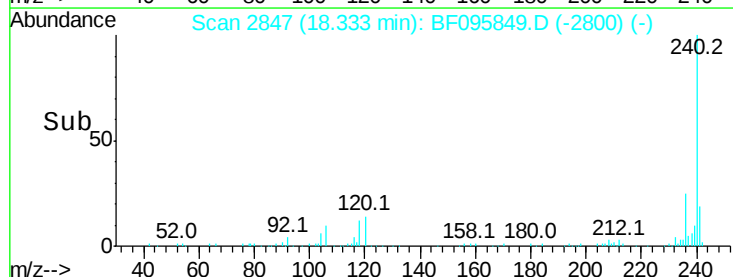
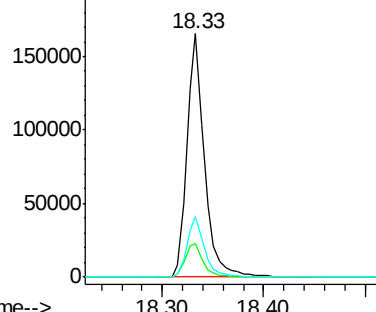


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Tgt Ion:240 Resp: 198021
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 24.7 20.5 30.7



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: 83.25 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

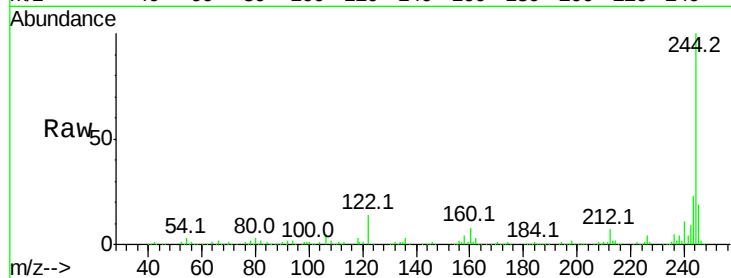
Tot Ion:244 Resp: 664260

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

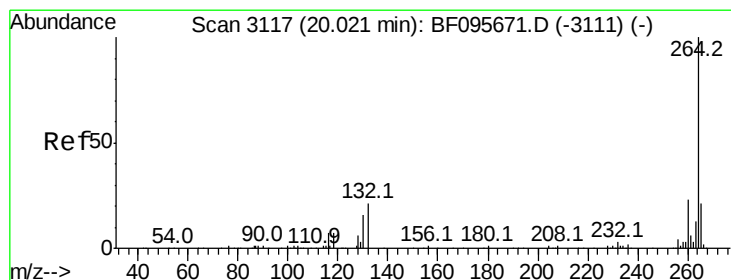
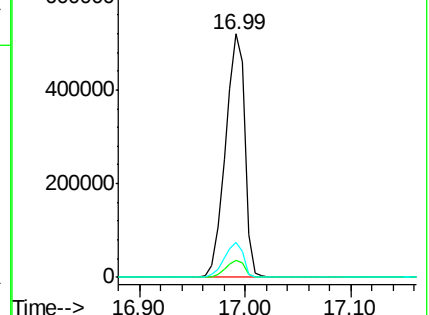
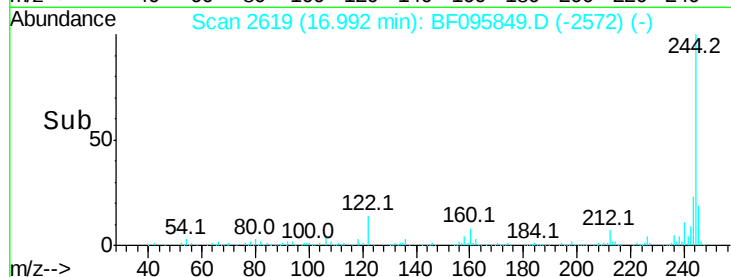
122 14.3 10.3 15.5



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: 20.00 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

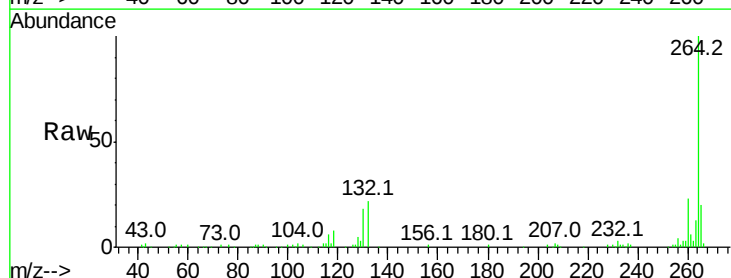
Tgt Ion:264 Resp: 140071

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.5 17.2 25.8



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

