

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093109.D
 Acq On : 23 Feb 2017 17:29
 Operator : SJ/MA
 Sample : I1952-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SAND

Quant Time: Feb 24 00:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

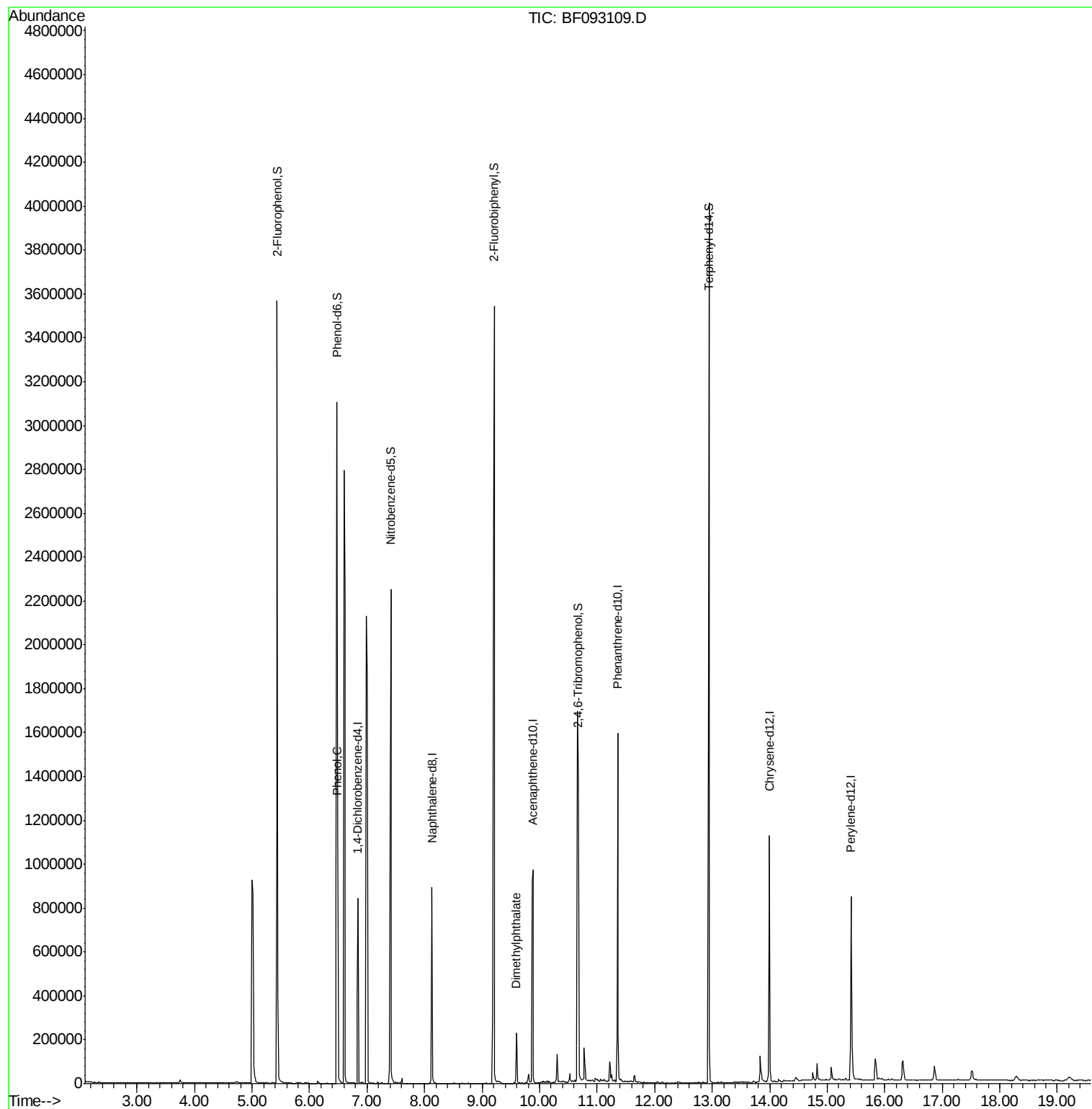
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	151059	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	584201	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	289849	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	553189	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	515648	20.00	ng	-0.02
86) Perylene-d12	15.41	264	403901	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1007296	114.40	ng	-0.01
7) Phenol-d6	6.48	99	1206064	106.46	ng	-0.01
23) Nitrobenzene-d5	7.41	82	890640	84.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	296522	141.45	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1542110	96.39	ng	-0.01
78) Terphenyl-d14	12.94	244	1275181	58.11	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	75652	5.71	ng	86
49) Dimethylphthalate	9.60	163	87554	4.48	ng	100

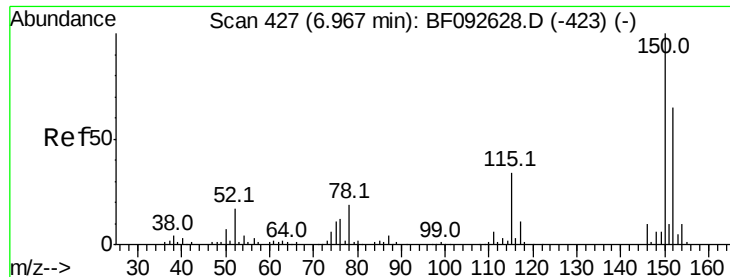
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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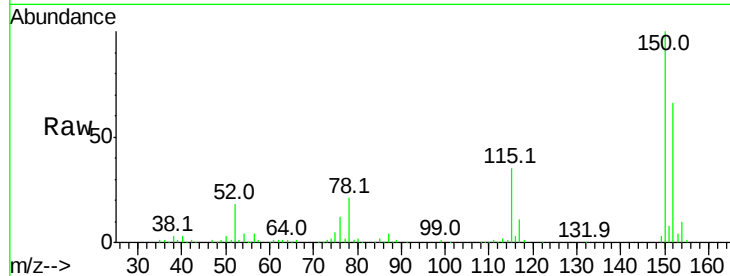


#1

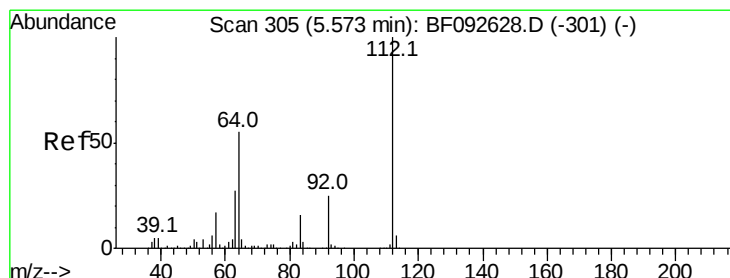
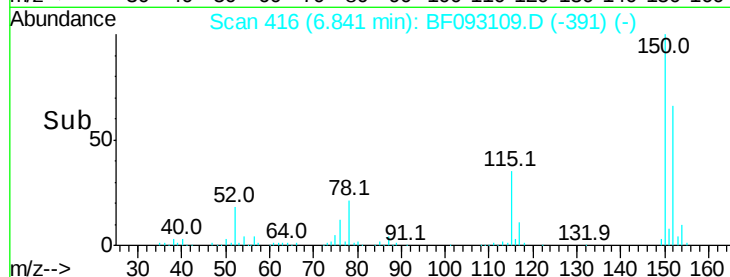
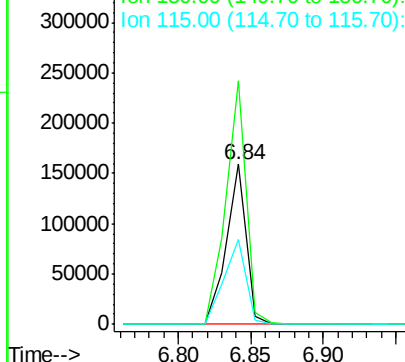
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SAND

Tot Ion:152 Resp: 151059
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 52.7 46.0 69.0



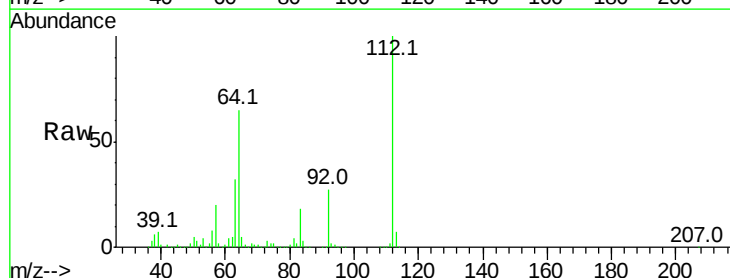
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



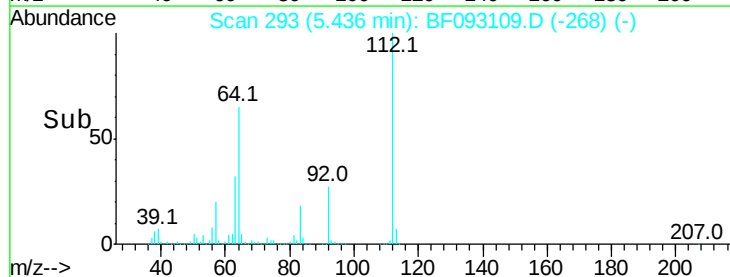
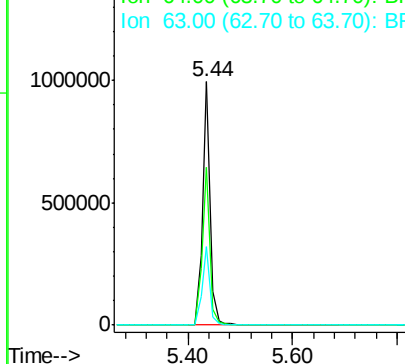
#5

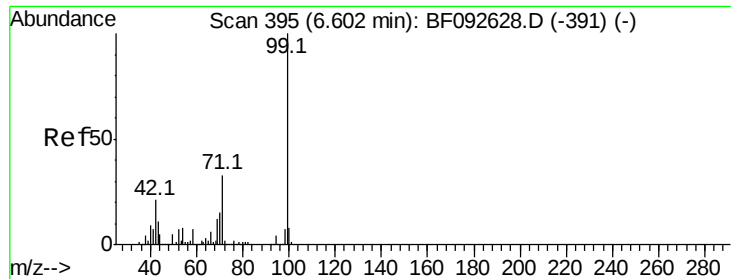
2-Fluorophenol
Concen: 114.40 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Tgt Ion:112 Resp: 1007296
Ion Ratio Lower Upper
112 100
64 64.7 46.1 69.1
63 32.2 23.8 35.6



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: 106.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SAND

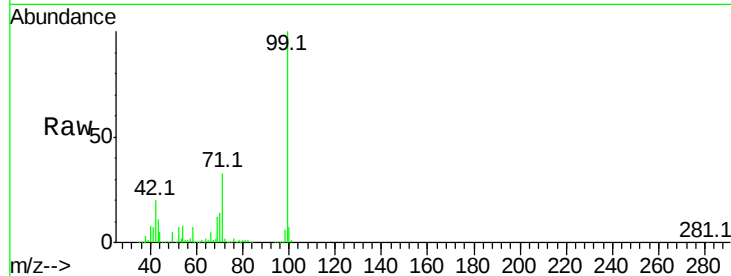
Tot Ion: 99 Resp: 1206064

Ion Ratio Lower Upper

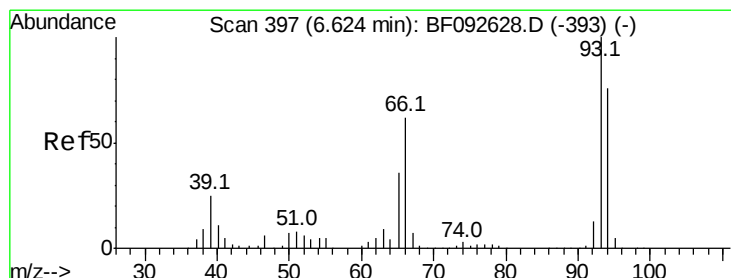
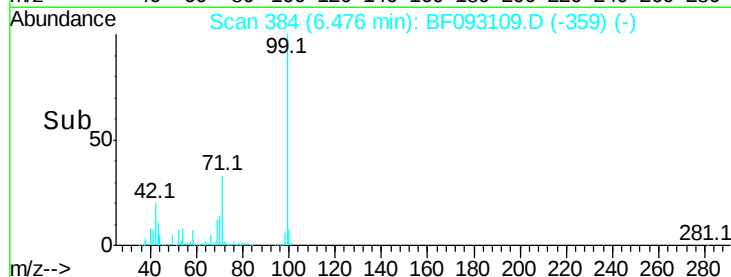
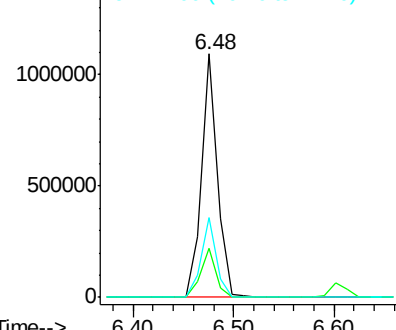
99 100

42 19.9 15.6 23.4

71 32.9 27.5 41.3



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: 5.71 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

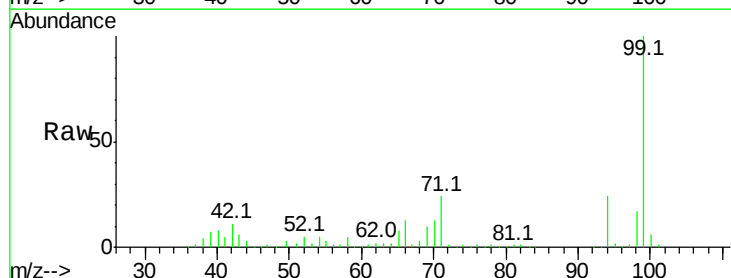
Tgt Ion: 94 Resp: 75652

Ion Ratio Lower Upper

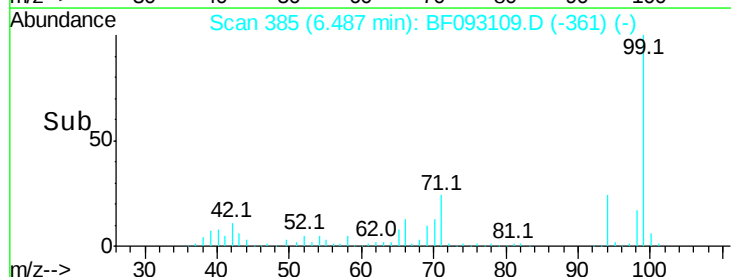
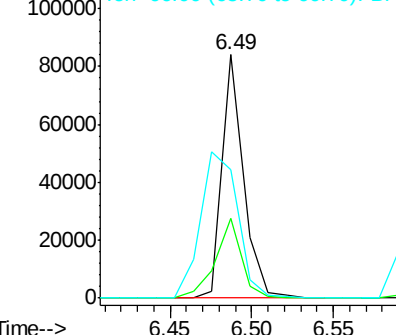
94 100

65 32.8 21.4 61.4

66 52.9 44.0 84.0



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

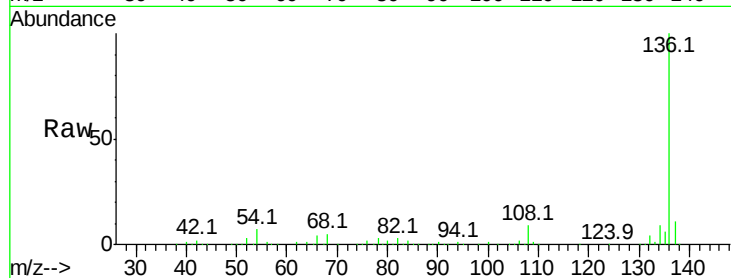




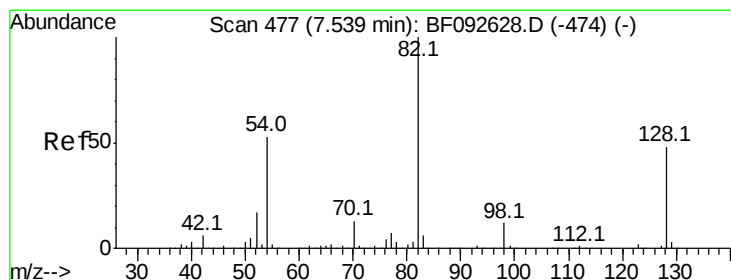
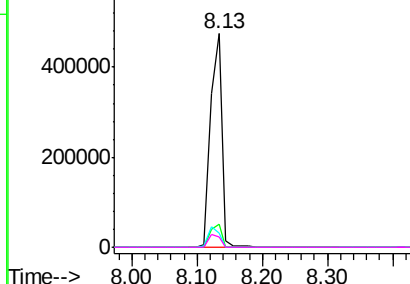
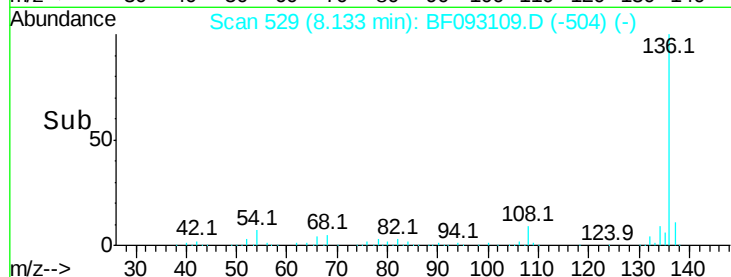
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SAND

Tot Ion:	136	Resp:	584201
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.5	4.5	6.7
68	5.0	3.6	5.4

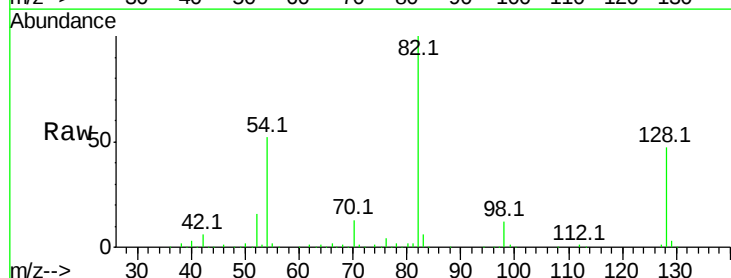


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

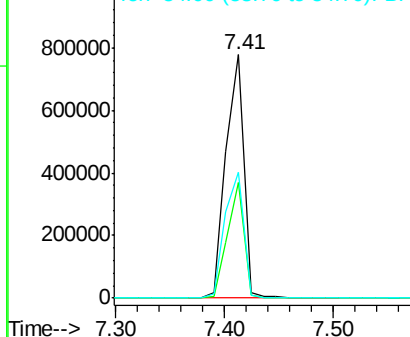
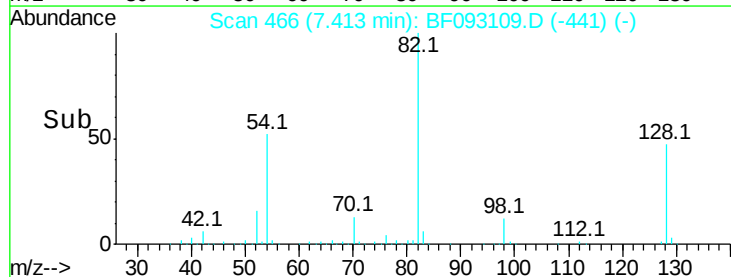


#23
Nitrobenzene-d5
Concen: 84.90 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Tgt Ion:	82	Resp:	890640
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	51.8	39.5	59.3



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SAND

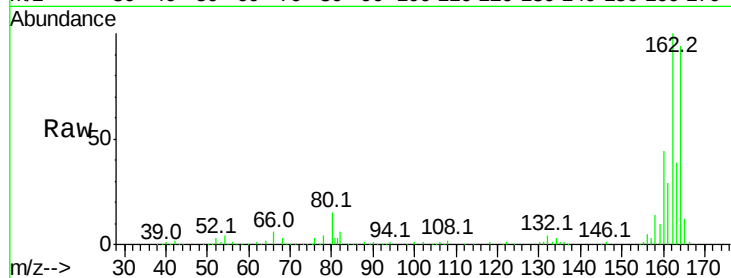
Tot Ion:164 Resp: 289849

Ion Ratio Lower Upper

164 100

162 106.8 80.2 120.2

160 47.0 36.9 55.3



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

300000

250000

200000

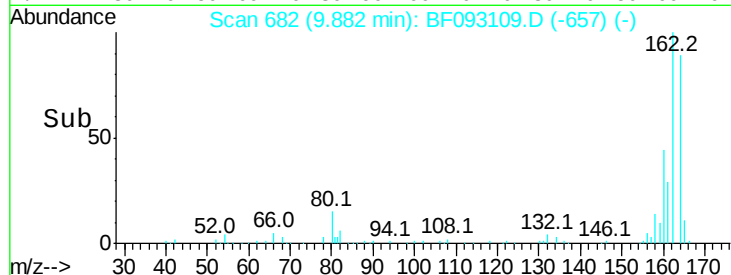
150000

100000

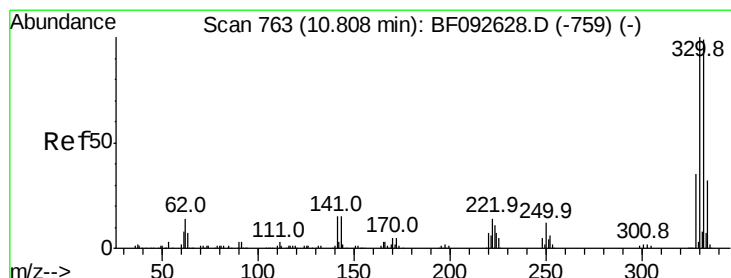
50000

0

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 141.45 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

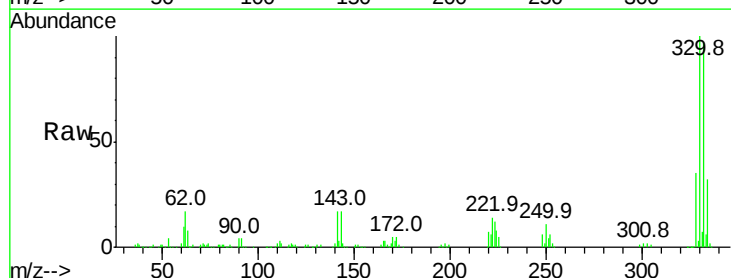
Tgt Ion:330 Resp: 296522

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 32.9 34.1 51.1#



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

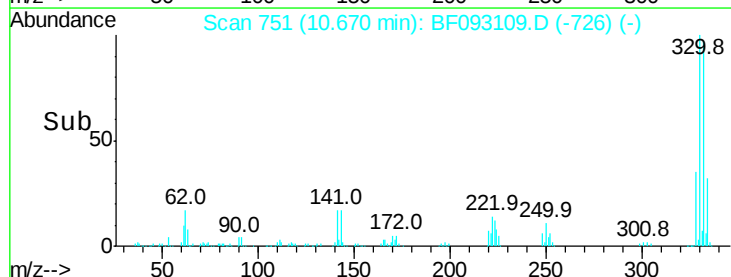
300000

200000

100000

0

Time-->



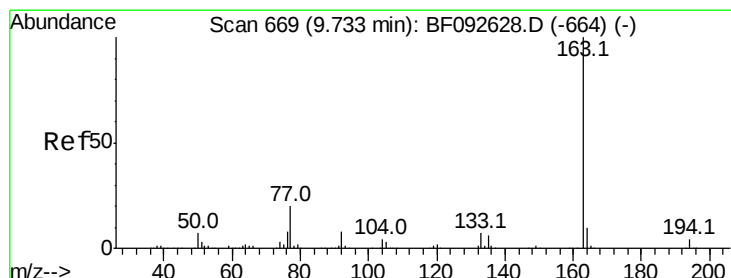
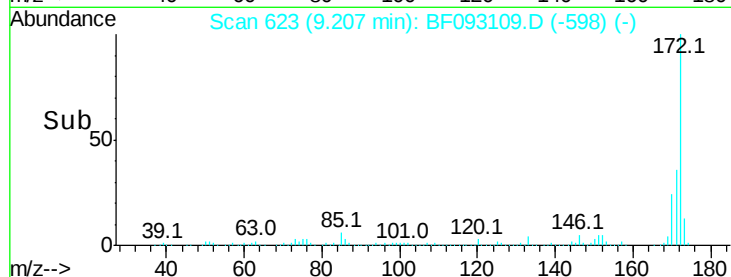
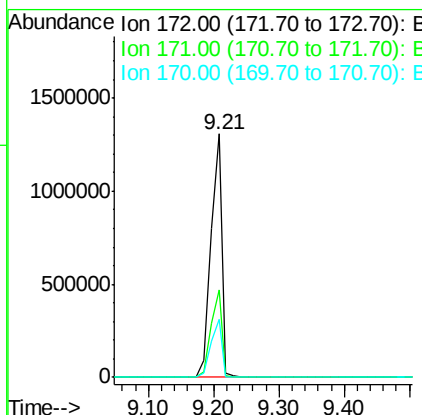
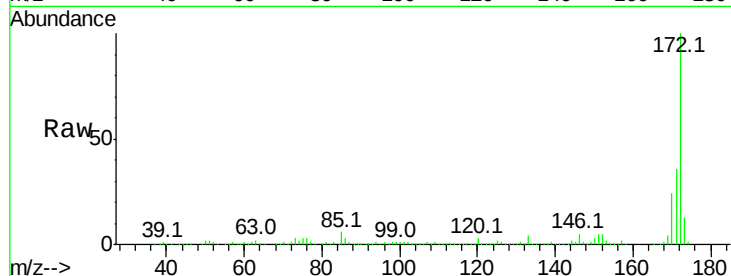


#44
 2-Fluorobiphenyl
 Concen: 96.39 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093109.D
 Acq: 23 Feb 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SAND

Tot Ion:172 Resp: 1542110

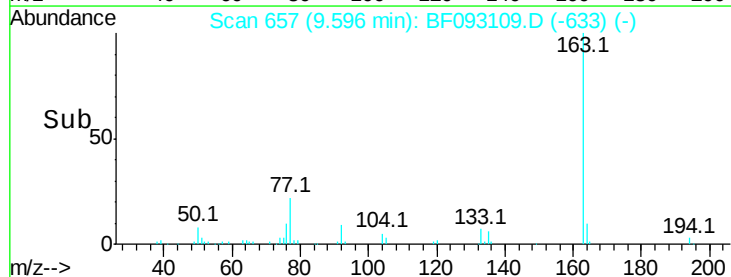
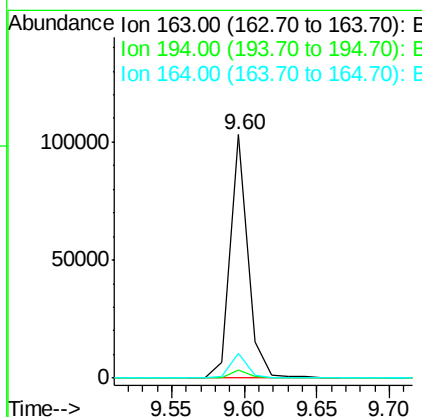
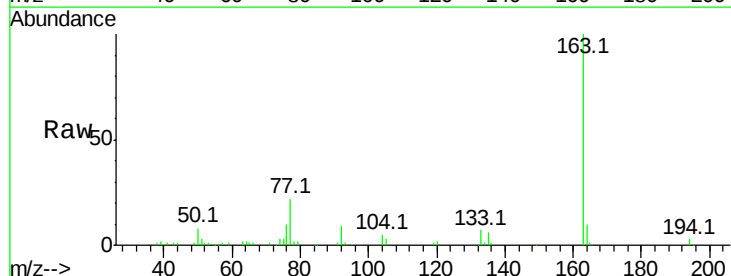
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.8	20.2	30.4



#49
 Dimethylphthalate
 Concen: 4.48 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093109.D
 Acq: 23 Feb 2017 17:29

Tgt Ion:163 Resp: 87554

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0

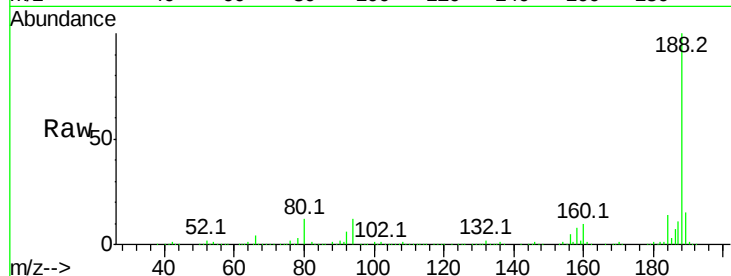




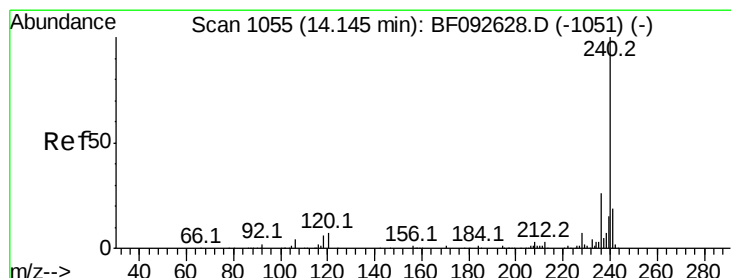
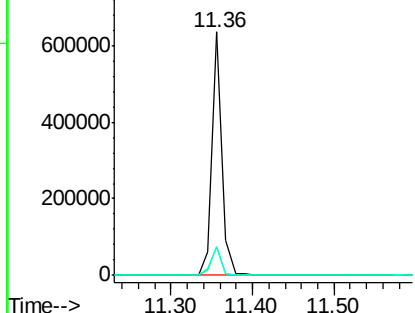
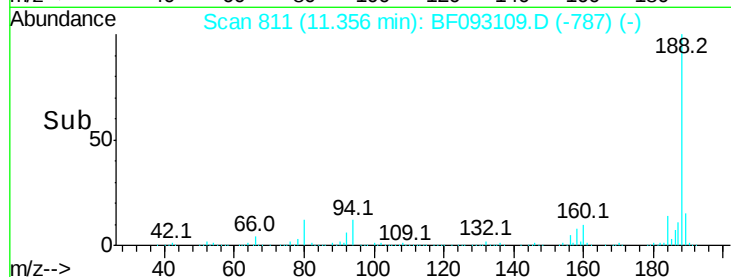
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SAND

Tot Ion:188 Resp: 553189
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 11.9 11.2 16.8

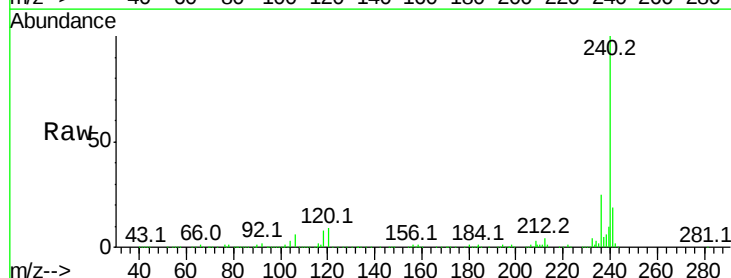


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

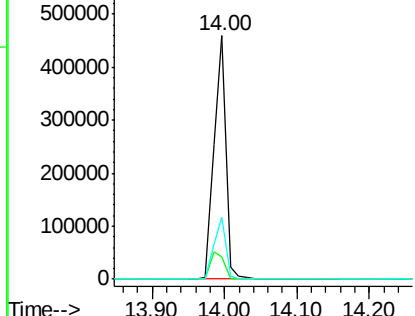
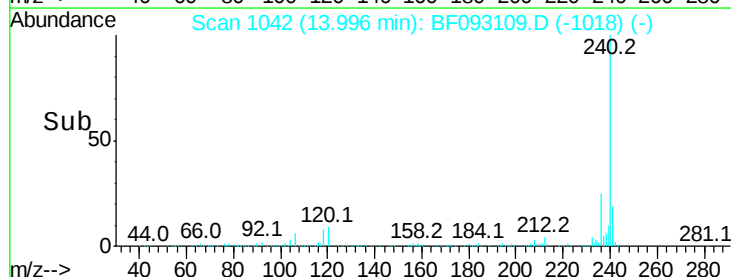


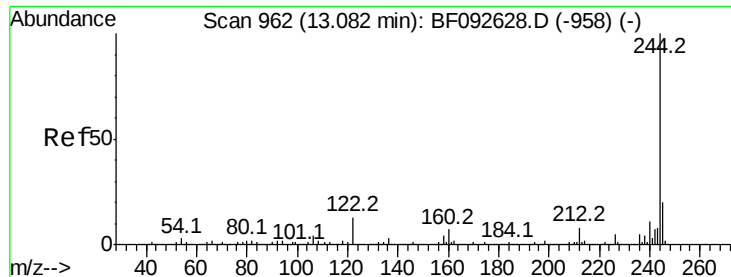
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093109.D
Acq: 23 Feb 2017 17:29

Tgt Ion:240 Resp: 515648
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 25.4 20.9 31.3



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: 58.11 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SPARTA-FINE-SAND

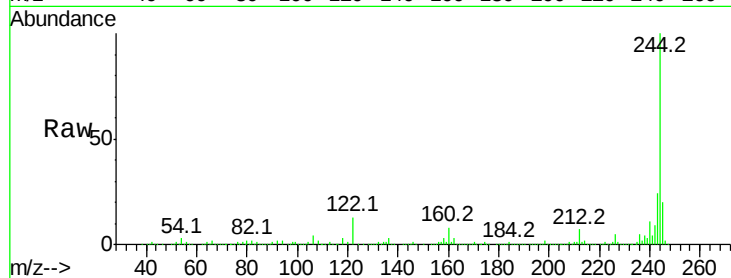
Tot Ion:244 Resp: 1275181

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

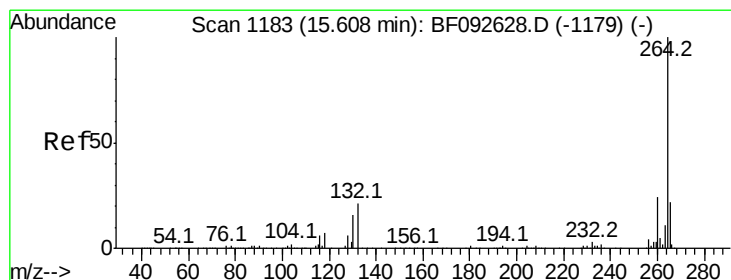
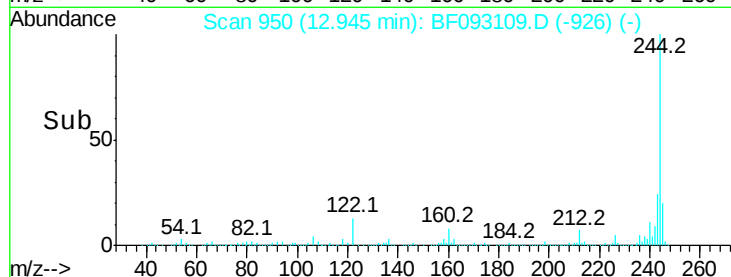
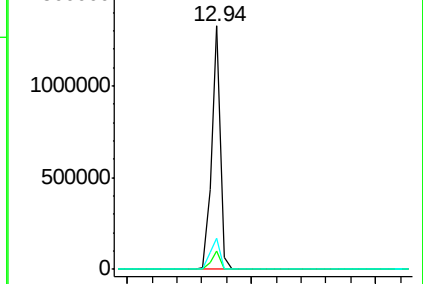
122 12.6 11.4 17.2



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093109.D

Acq: 23 Feb 2017 17:29

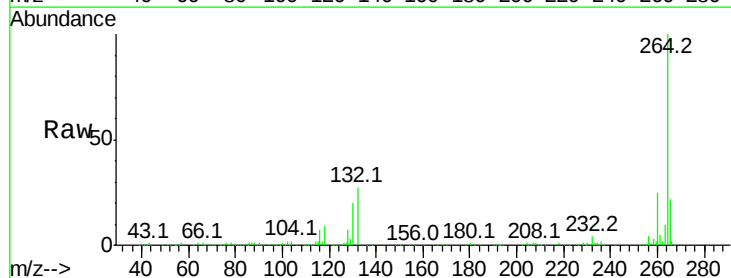
Tgt Ion:264 Resp: 403901

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.1 17.4 26.0



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

