

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093405.D
 Acq On : 6 Mar 2017 17:18
 Operator : SJ/MA
 Sample : I2061-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

Quant Time: Mar 07 00:13:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 00:03:56 2017
 Response via : Initial Calibration

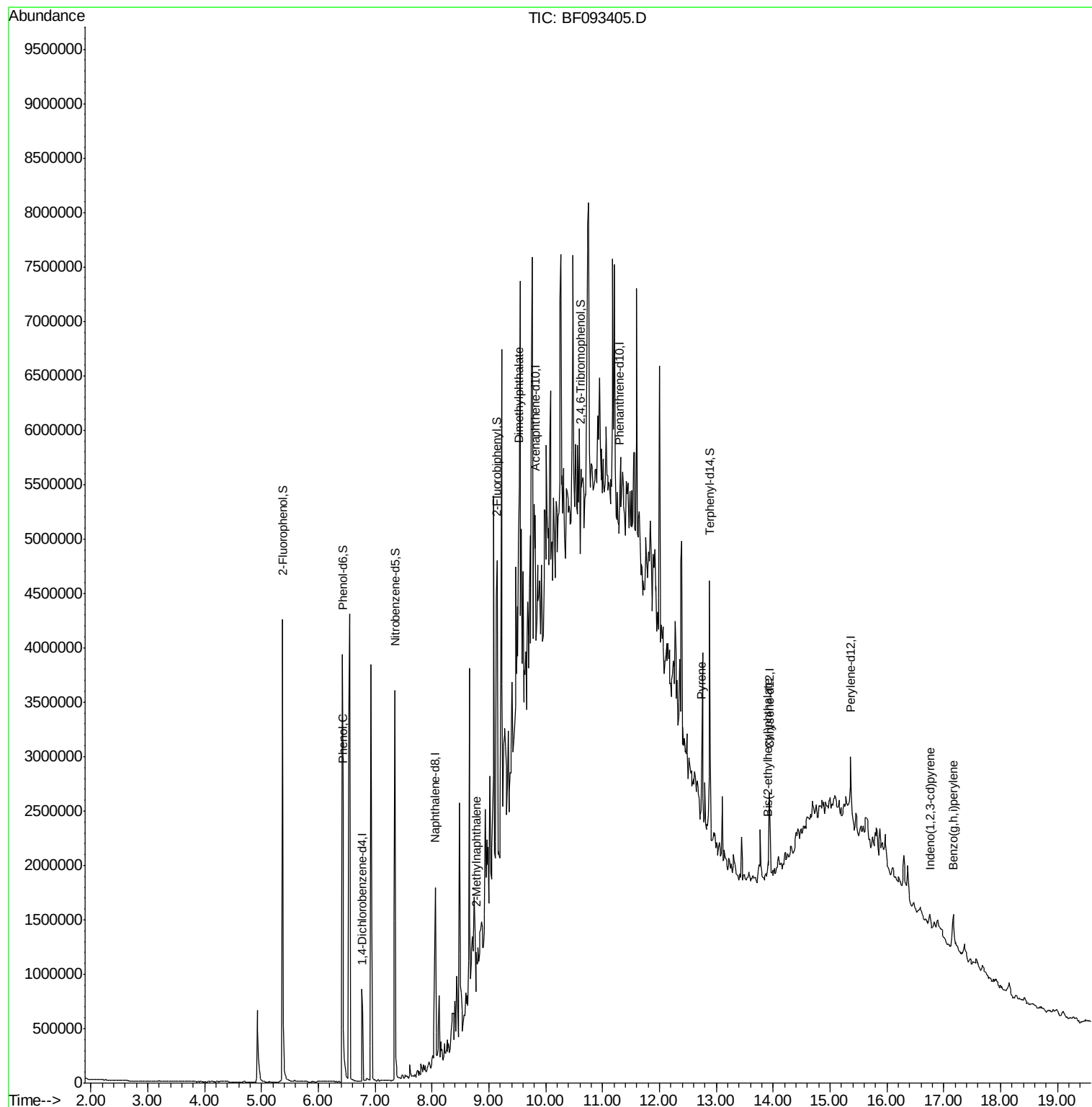
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	175545	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	666314	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	222103	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	277476	20.00	ng	0.02
75) Chrysene-d12	13.93	240	358359	20.00	ng	0.00
86) Perylene-d12	15.36	264	325506	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1595007	155.88	ng	0.02
7) Phenol-d6	6.42	99	1927057	146.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	1274813	106.54	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	199913	124.45	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	1646272	134.28	ng	0.00
78) Terphenyl-d14	12.88	244	988940	64.84	ng	0.00
Target Compounds						
10) Phenol	6.44	94	121438	7.88	ng	# 81
37) 2-Methylnaphthalene	8.78	142	50468	2.33	ng	95
49) Dimethylphthalate	9.53	163	236977	15.84	ng	# 94
77) Pyrene	12.75	202	67359	2.51	ng	# 91
83) Bis(2-ethylhexyl)phthalate	13.91	149	43310	2.91	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.76	276	38736	2.44	ng	98
91) Benzo(g,h,i)perylene	17.17	276	287644	19.01	ng	# 90

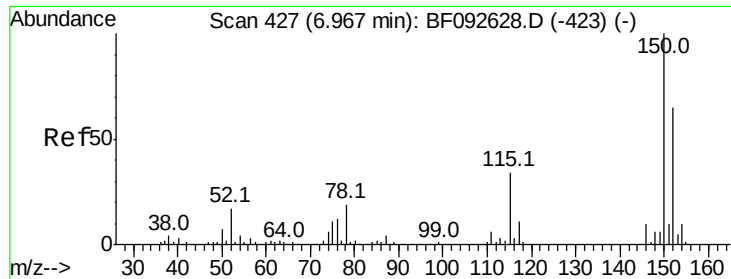
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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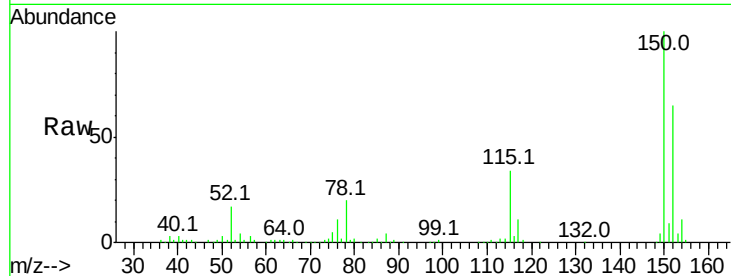


#1

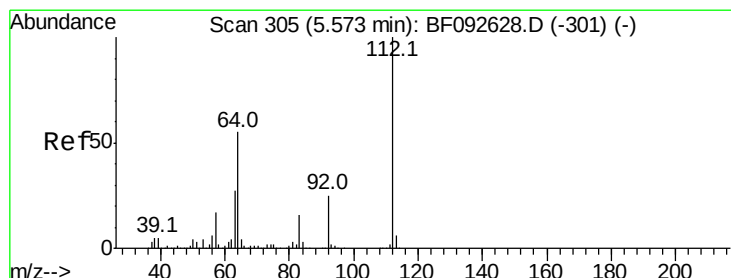
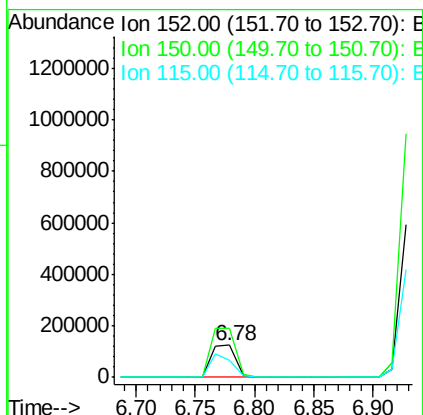
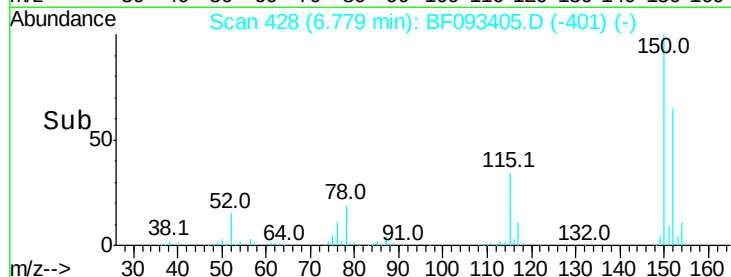
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF093405.D
Acq: 6 Mar 2017 17:18

Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTER

Tot Ion:152 Resp: 175545
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 52.5 46.0 69.0



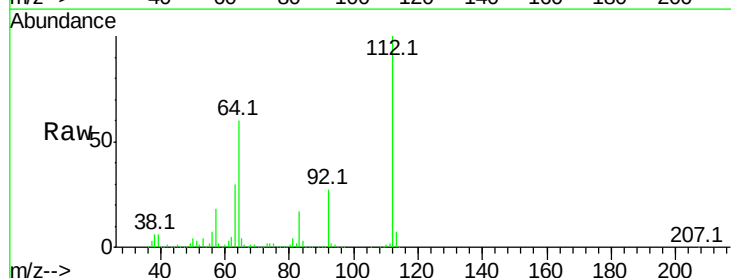
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



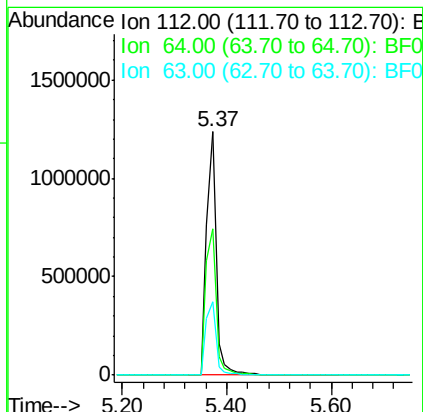
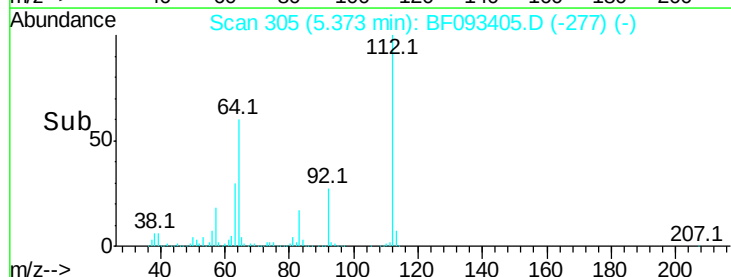
#5

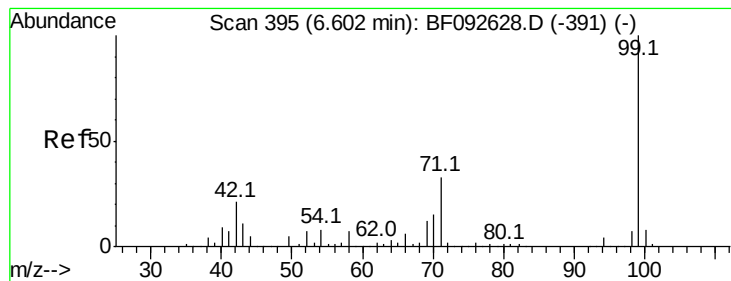
2-Fluorophenol
Concen: 155.88 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093405.D
Acq: 6 Mar 2017 17:18

Tgt Ion:112 Resp: 1595007
Ion Ratio Lower Upper
112 100
64 60.1 46.1 69.1
63 30.0 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: 146.37 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTER

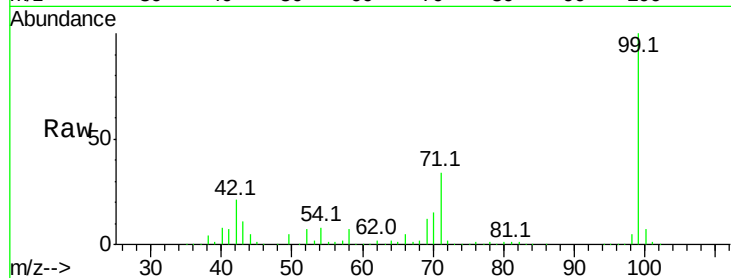
Tot Ion: 99 Resp: 1927057

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.6	23.4
71	34.3	27.5	41.3

99 100

42 21.2 15.6 23.4

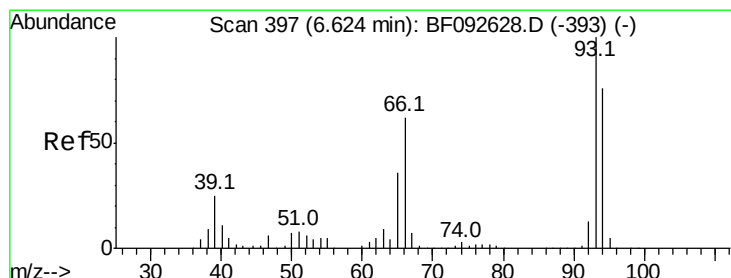
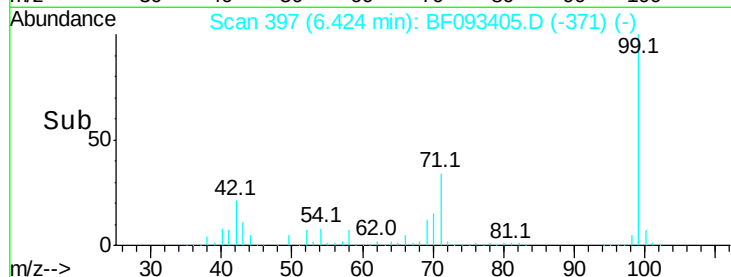
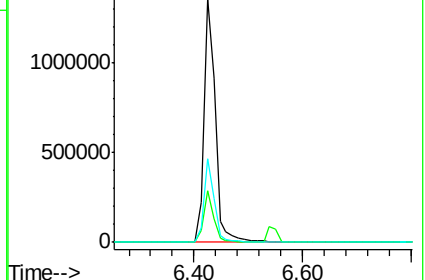
71 34.3 27.5 41.3



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: 7.88 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

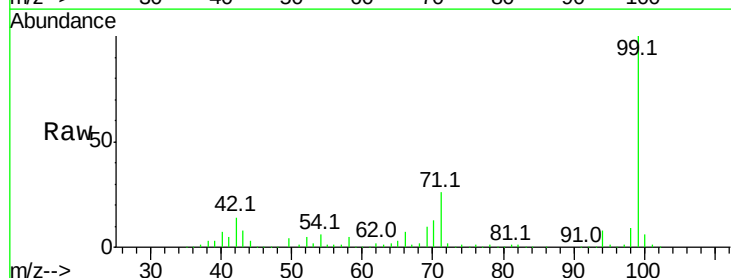
Tgt Ion: 94 Resp: 121438

Ion	Ratio	Lower	Upper
94	100		
65	39.2	21.4	61.4
66	86.4	44.0	84.0#

94 100

65 39.2 21.4 61.4

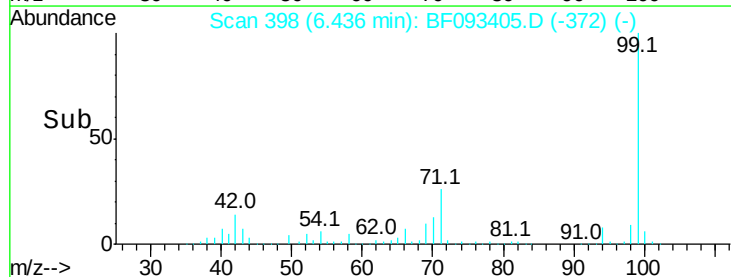
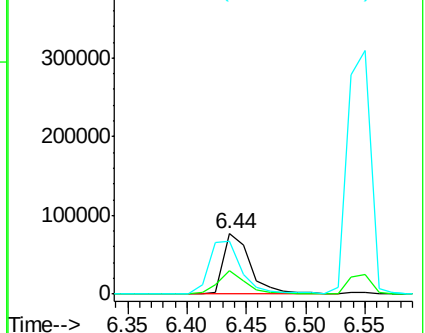
66 86.4 44.0 84.0#

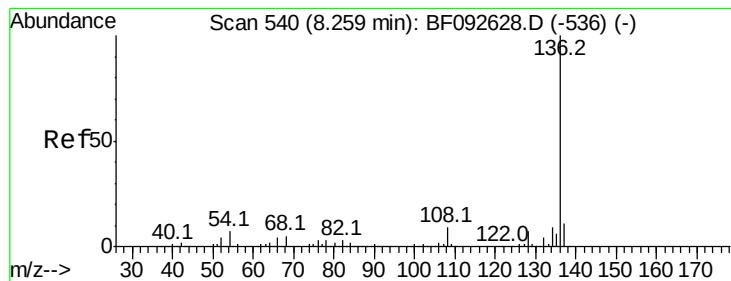


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

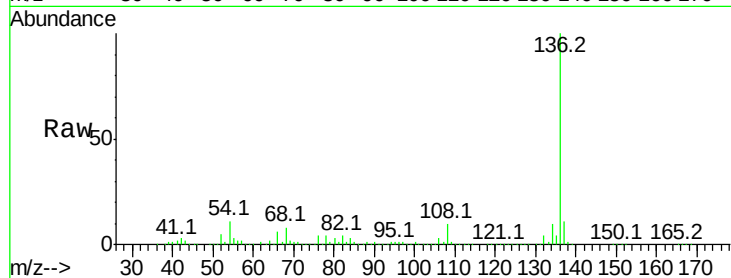




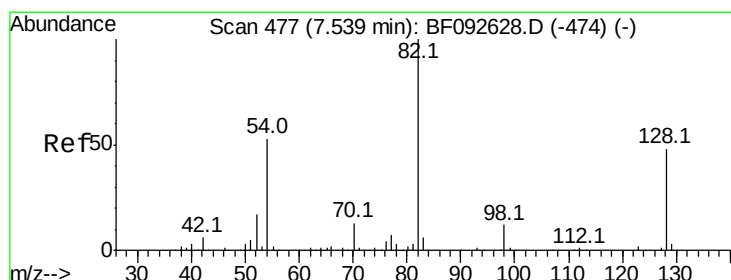
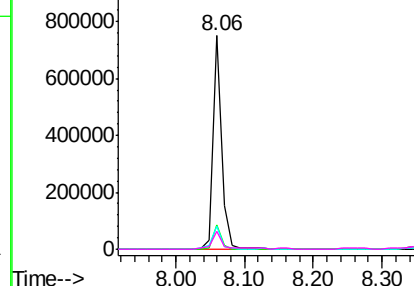
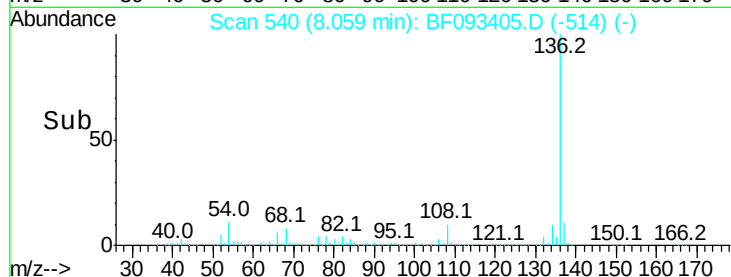
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF093405.D
Acq: 6 Mar 2017 17:18

Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTER

Tot Ion:	136	Resp:	666314
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.9	4.5	6.7#
68	8.2	3.6	5.4#

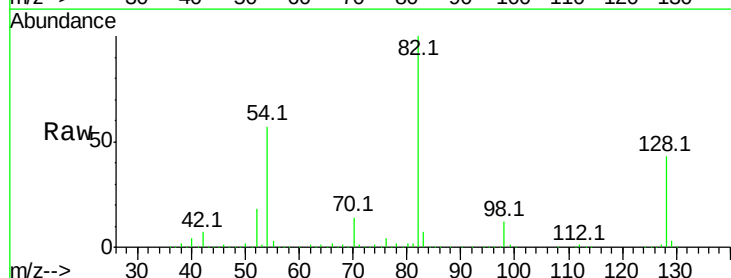


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

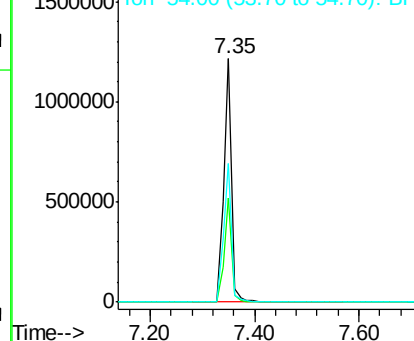
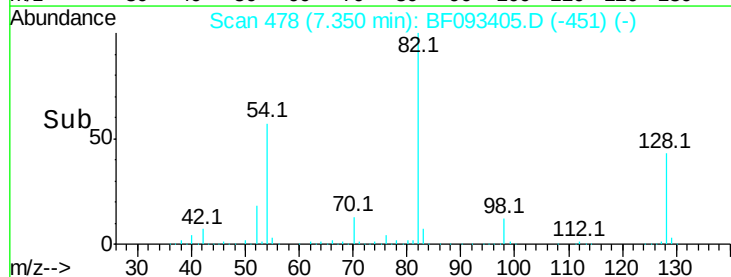


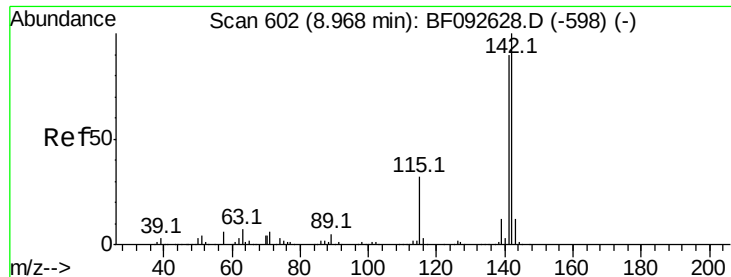
#23
Nitrobenzene-d5
Concen: 106.54 ng
RT: 7.35 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF093405.D
Acq: 6 Mar 2017 17:18

Tgt Ion:	82	Resp:	1274813
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	56.7	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





#37

2-Methylnaphthalene

Concen: 2.33 ng

RT: 8.78 min Scan# 603

Delta R.T. 0.01 min

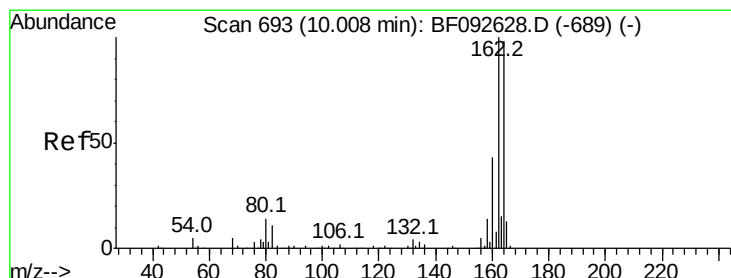
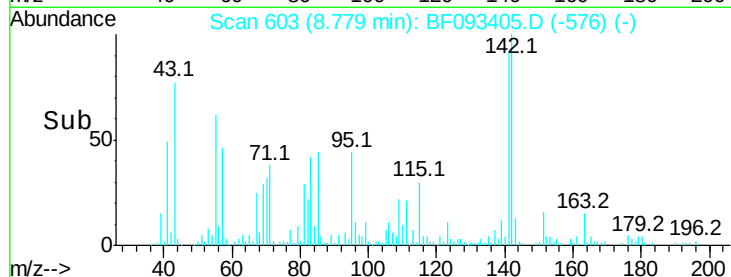
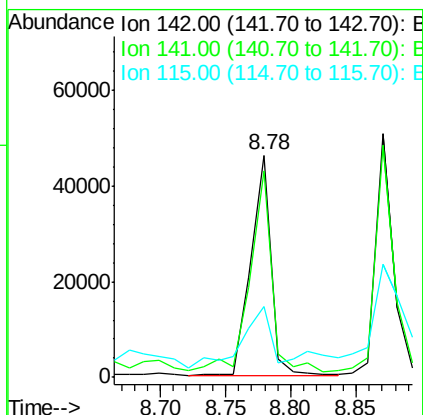
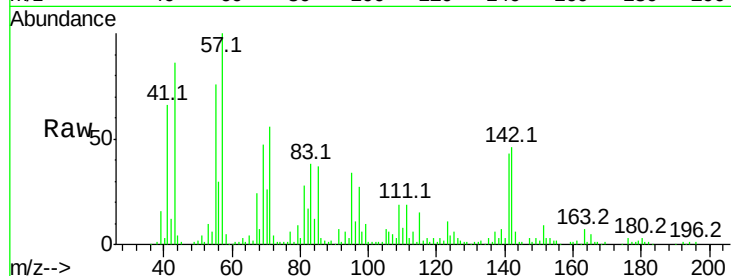
Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTER

Tot Ion:142 Resp: 50468

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.0	106.6
115	31.6	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 694

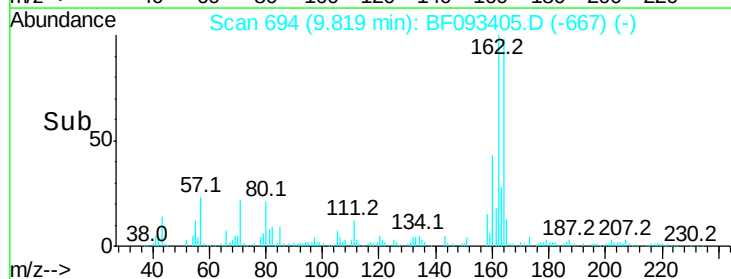
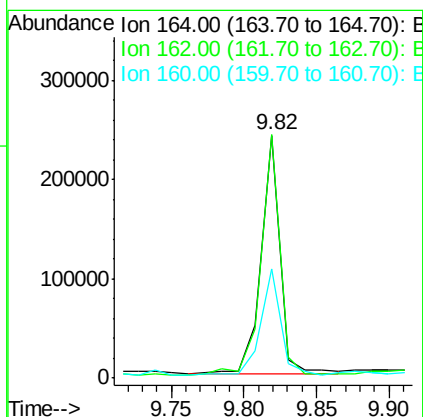
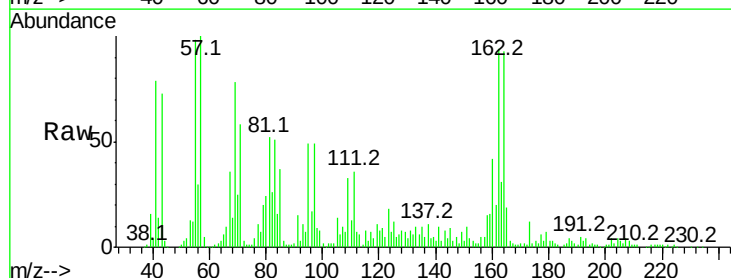
Delta R.T. 0.01 min

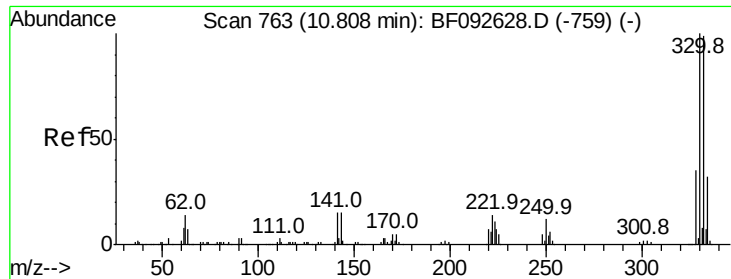
Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Tgt Ion:164 Resp: 222103

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	45.3	36.9	55.3

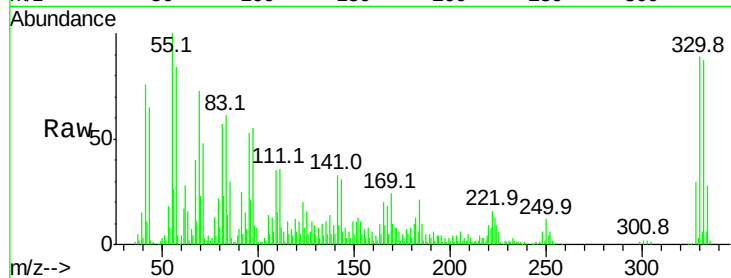




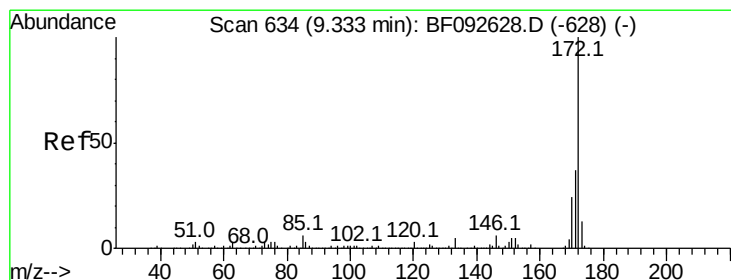
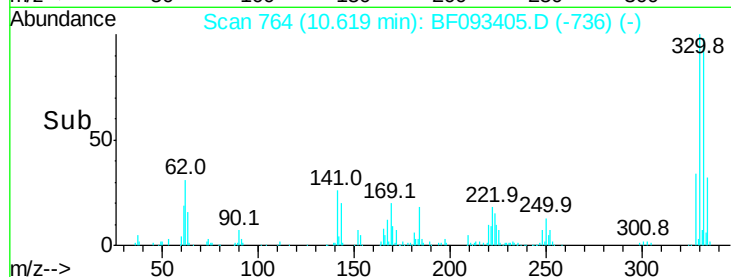
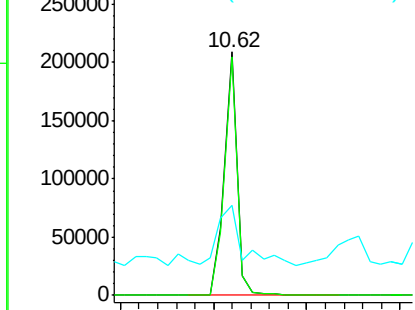
#41
 2,4,6-Tribromophenol
 Concen: 124.45 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.02 min
 Lab File: BF093405.D
 Acq: 6 Mar 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

Tot Ion:330 Resp: 199913
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 46.6 34.1 51.1

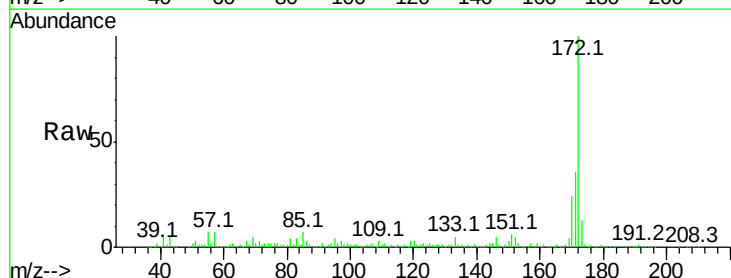


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

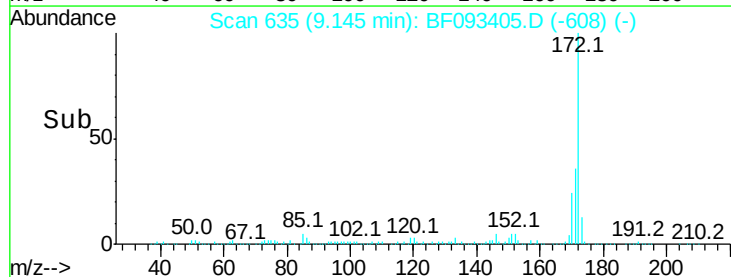
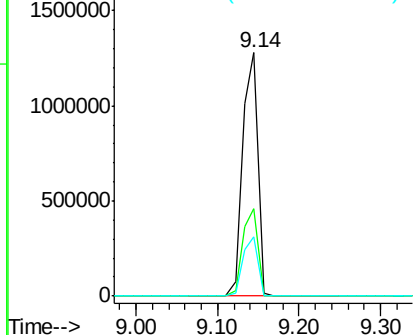


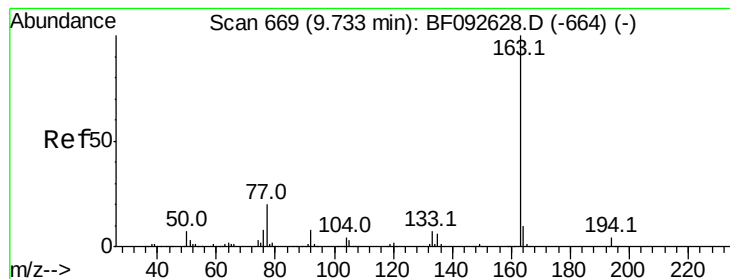
#44
 2-Fluorobiphenyl
 Concen: 134.28 ng
 RT: 9.14 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: BF093405.D
 Acq: 6 Mar 2017 17:18

Tgt Ion:172 Resp: 1646272
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4



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: 15.84 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTER

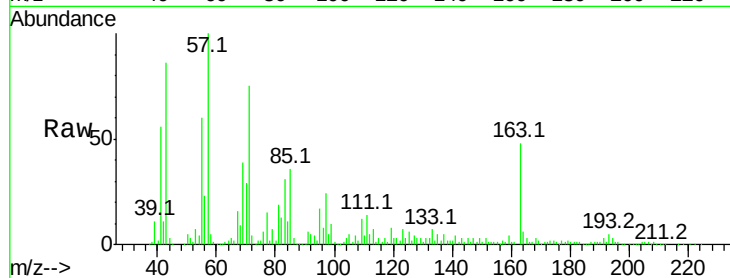
Tot Ion:163 Resp: 236977

Ion Ratio Lower Upper

163 100

194 6.1 3.0 4.4#

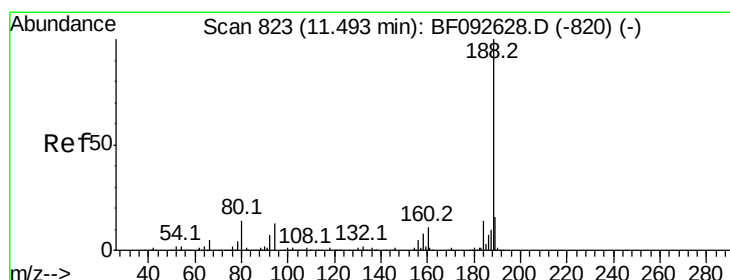
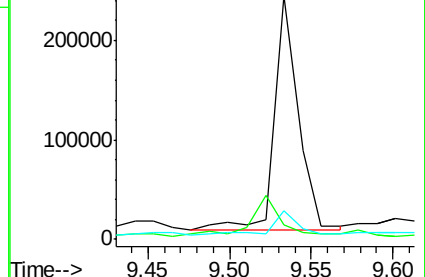
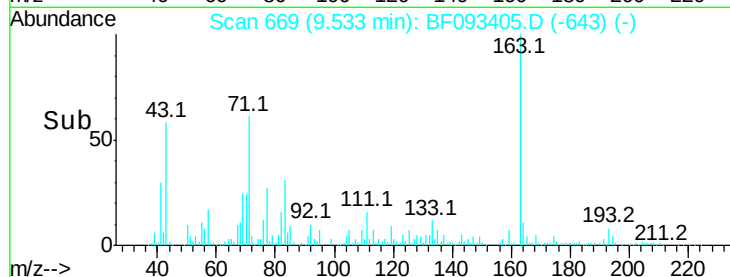
164 11.8 8.0 12.0



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: 20.00 ng

RT: 11.30 min Scan# 824

Delta R.T. 0.02 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

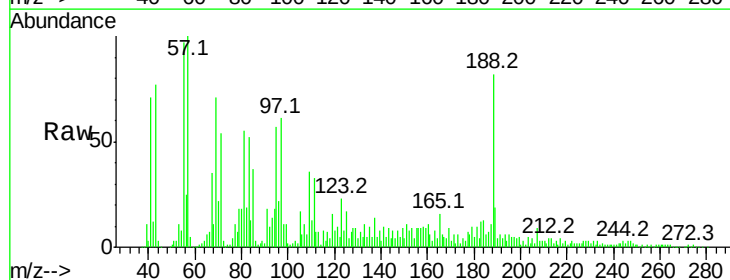
Tgt Ion:188 Resp: 277476

Ion Ratio Lower Upper

188 100

94 21.5 10.0 15.0#

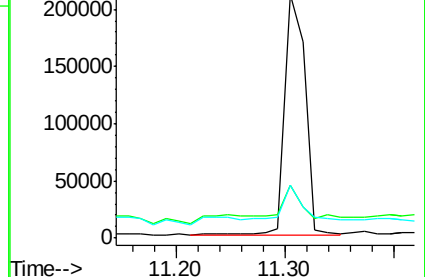
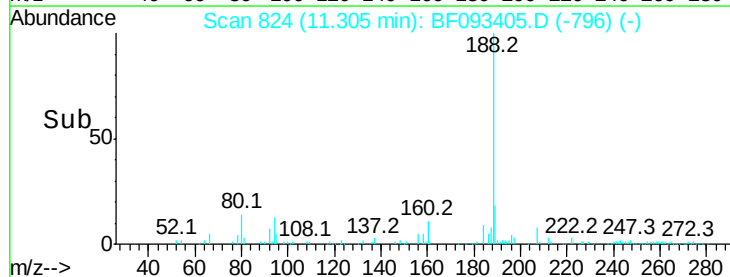
80 21.8 11.2 16.8#

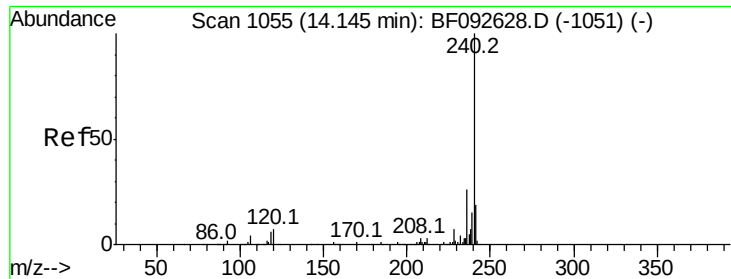


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTER

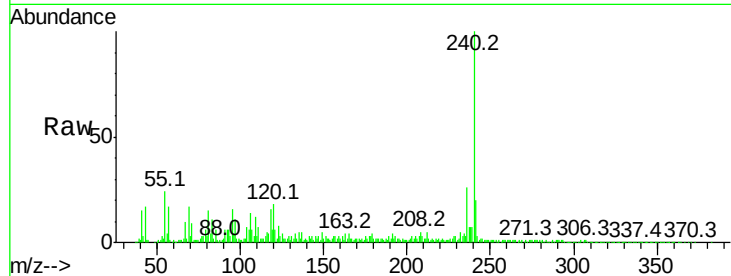
Tot Ion:240 Resp: 358359

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

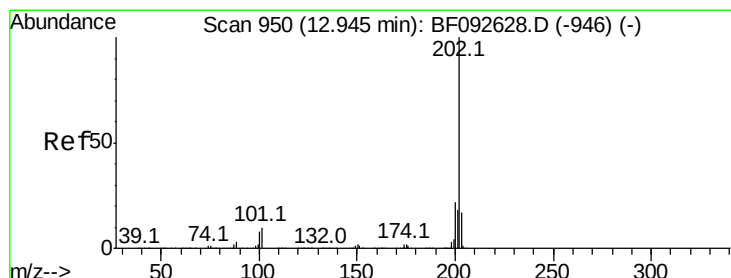
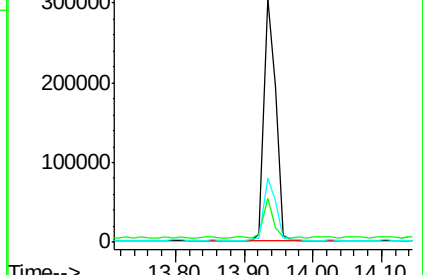
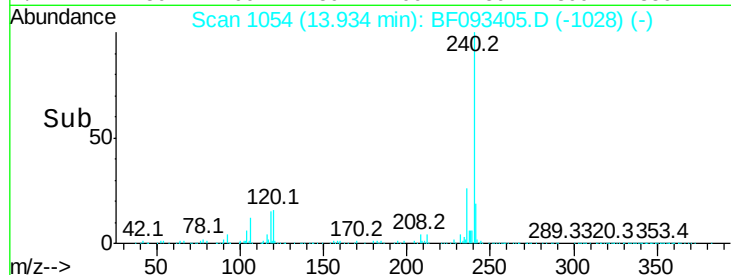
236 26.5 20.9 31.3



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



#77

Pyrene

Concen: 2.51 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

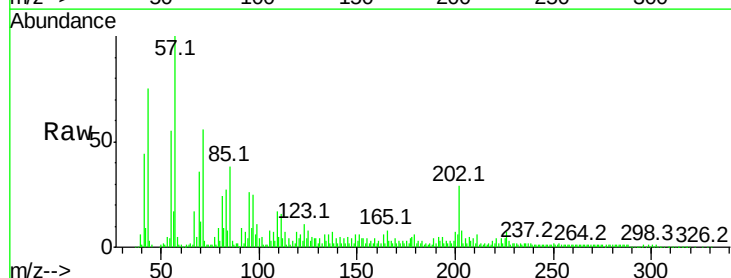
Tgt Ion:202 Resp: 67359

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

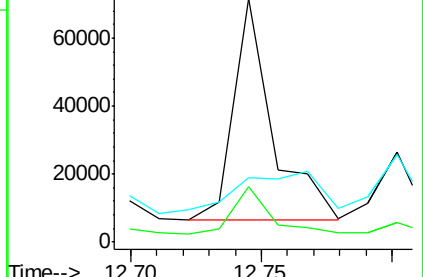
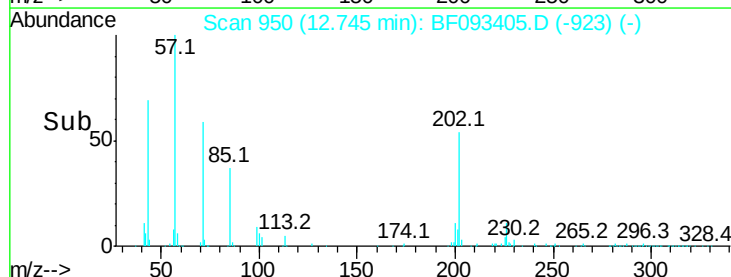
203 26.5 14.7 22.1#

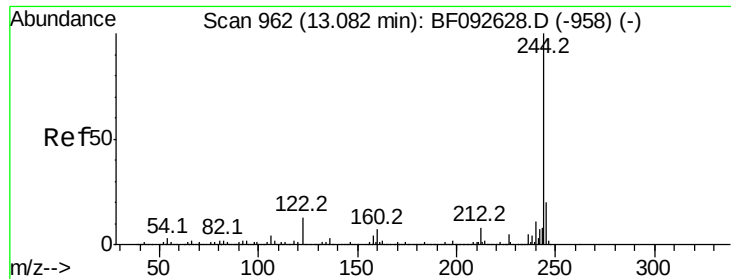


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

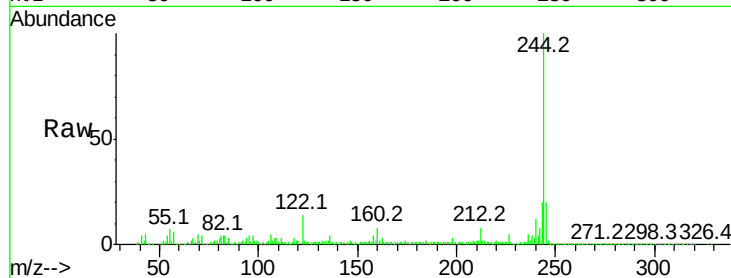




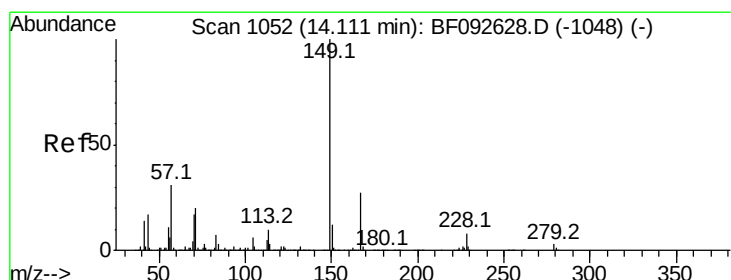
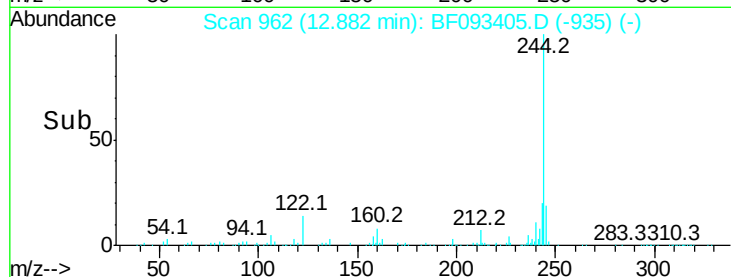
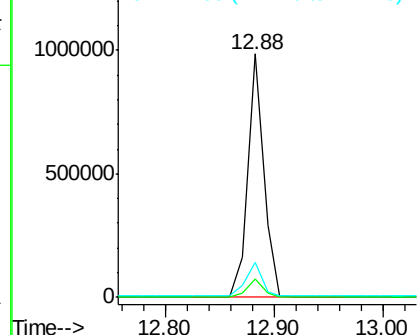
#78
 Terphenyl-d14
 Concen: 64.84 ng
 RT: 12.88 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF093405.D
 Acq: 6 Mar 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

Tot Ion:244 Resp: 988940
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.4 11.4 17.2

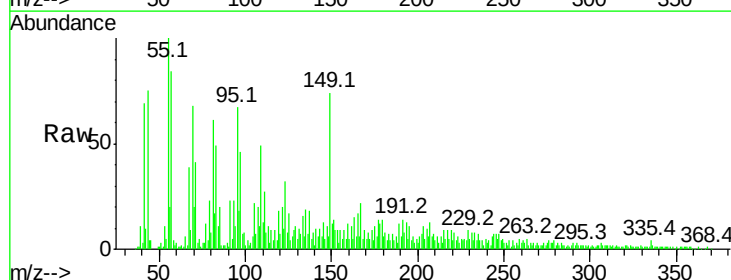


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

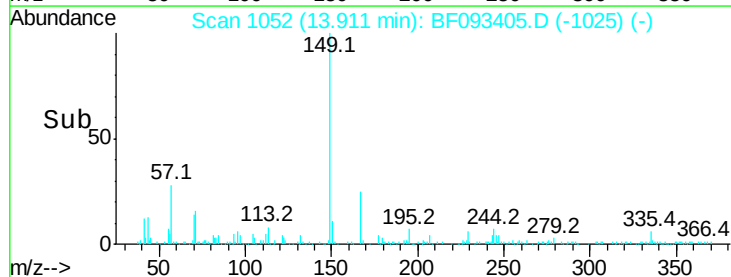
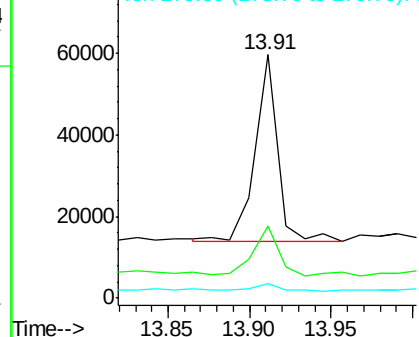


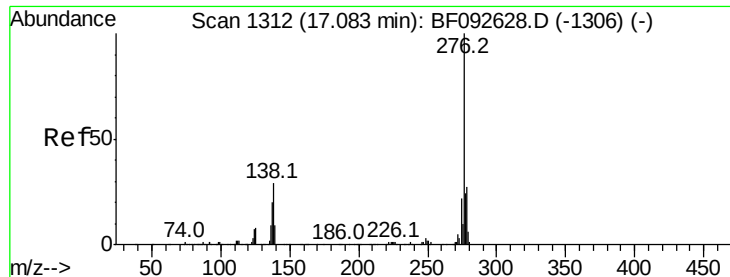
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.91 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF093405.D
 Acq: 6 Mar 2017 17:18

Tgt Ion:149 Resp: 43310
 Ion Ratio Lower Upper
 149 100
 167 29.8 20.2 30.4
 279 5.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.44 ng

RT: 16.76 min Scan# 1301

Delta R.T. 0.04 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTER

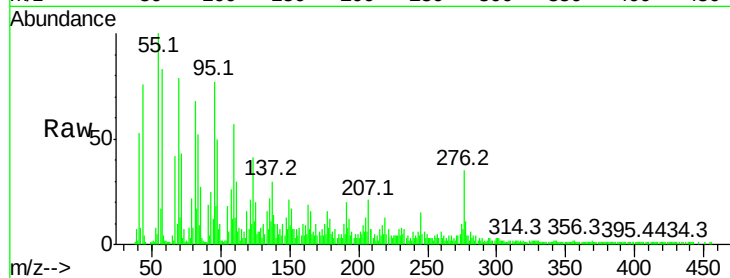
Tot Ion:276 Resp: 38736

Ion Ratio Lower Upper

276 100

138 25.2 21.8 32.6

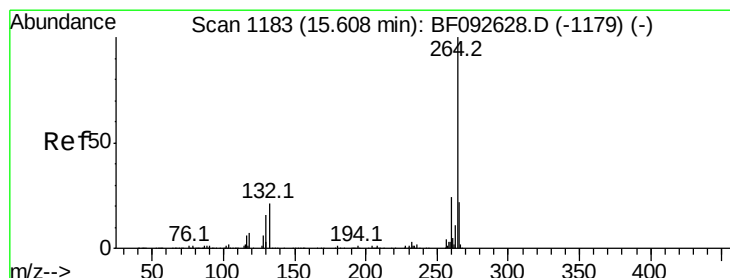
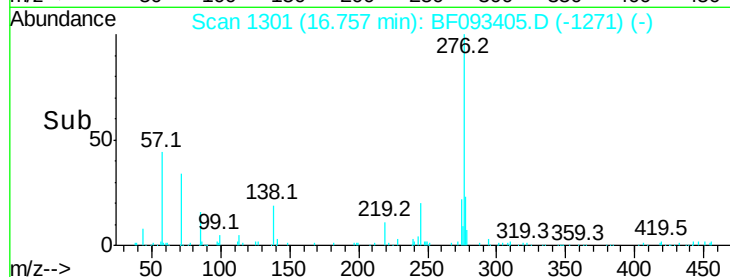
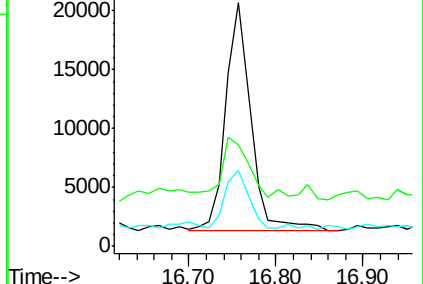
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF093405.D

Acq: 6 Mar 2017 17:18

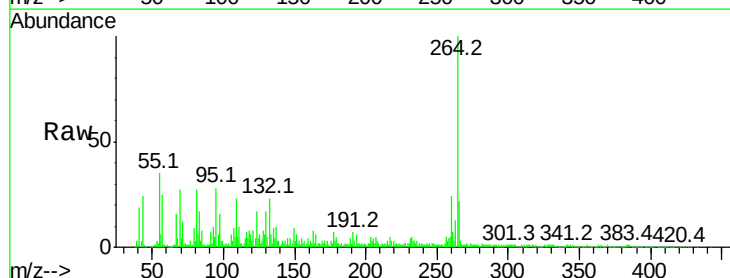
Tgt Ion:264 Resp: 325506

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

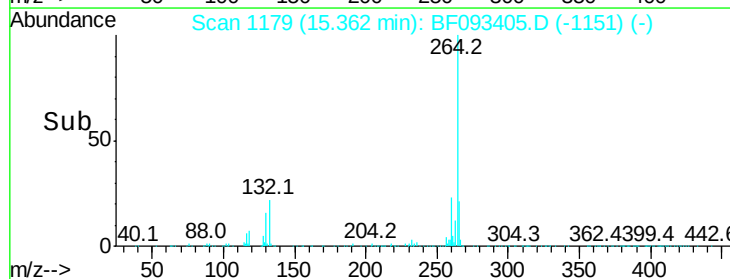
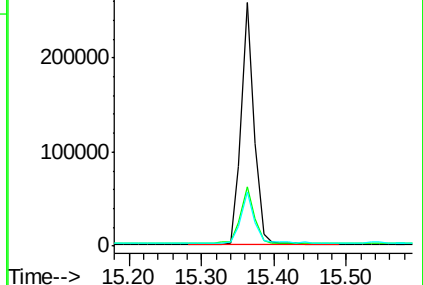
265 22.4 17.4 26.0

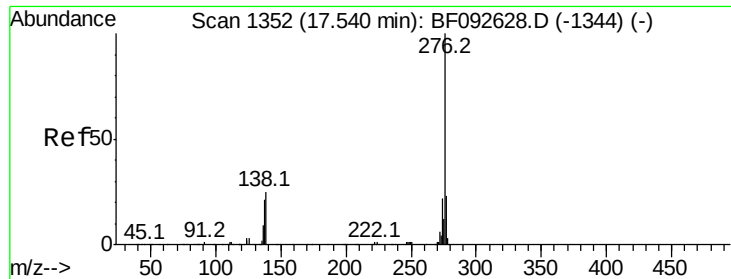


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 19.01 ng
 RT: 17.17 min Scan# 1337
 Delta R.T. 0.04 min
 Lab File: BF093405.D
 Acq: 6 Mar 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	28.8	16.0	24.0

