

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084223.D
 Acq On : 1 Jan 2016 4:20
 Operator : UM/SJ
 Sample : G4981-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0533

Quant Time: Jan 02 02:52:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

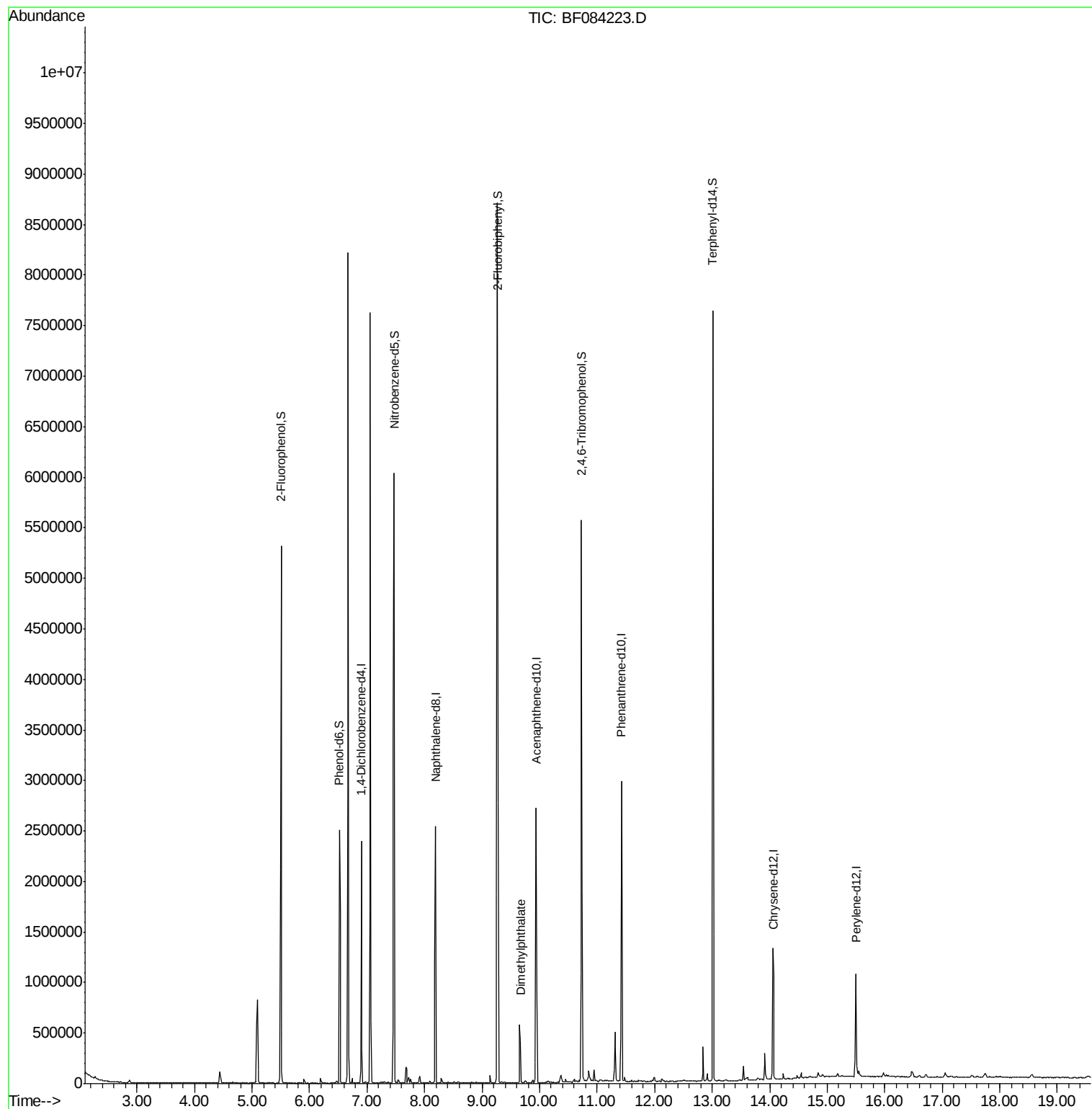
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	299720	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1252018	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	528034	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	950262	20.00	ng	0.00
75) Chrysene-d12	14.07	240	607944	20.00	ng	0.00
86) Perylene-d12	15.51	264	562354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1382332	74.60	ng	0.01
7) Phenol-d6	6.52	99	1048486	45.05	ng	-0.01
23) Nitrobenzene-d5	7.47	82	2207629	98.13	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	722995	135.62	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2892635	97.28	ng	0.00
78) Terphenyl-d14	13.01	244	2283283	83.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	310488	8.22	ng	# 90

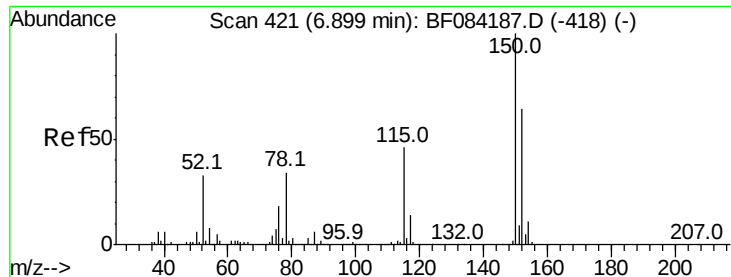
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 31 14:15:57 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

Instrument :

BNA_F

ClientSampleId :

S8-0533

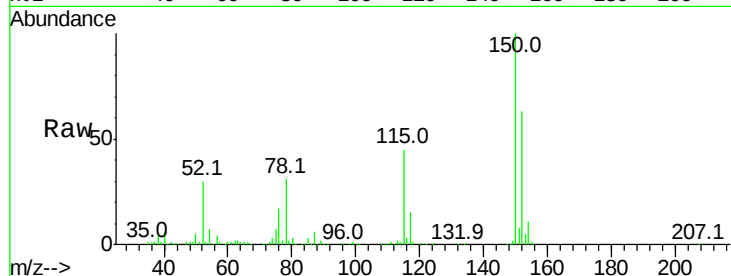
Tot Ion:152 Resp: 299720

Ion Ratio Lower Upper

152 100

150 159.7 123.0 184.4

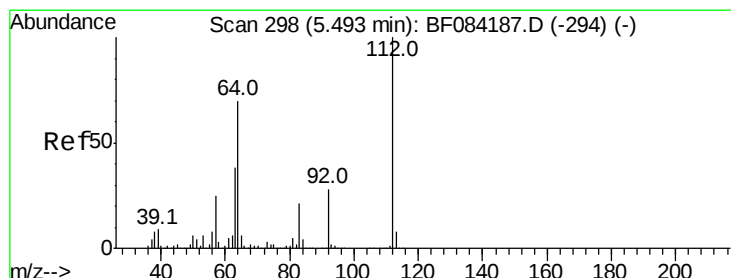
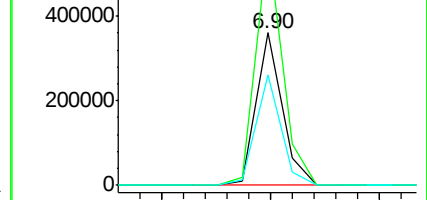
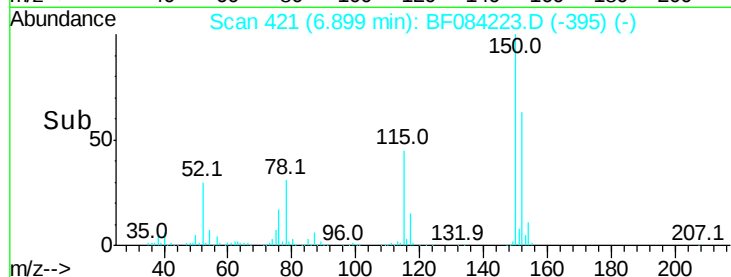
115 72.6 51.4 77.2



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: 74.60 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

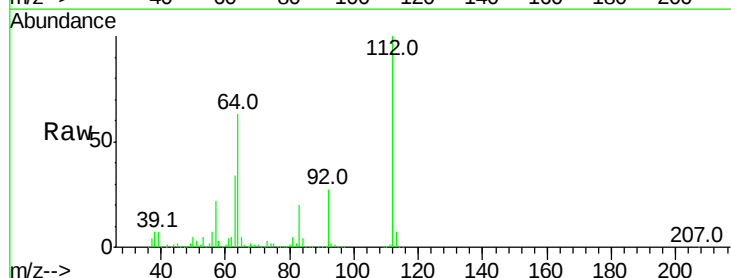
Tgt Ion:112 Resp: 1382332

Ion Ratio Lower Upper

112 100

64 63.0 36.6 55.0#

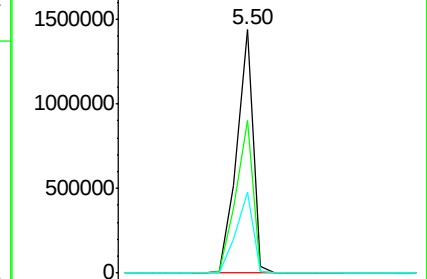
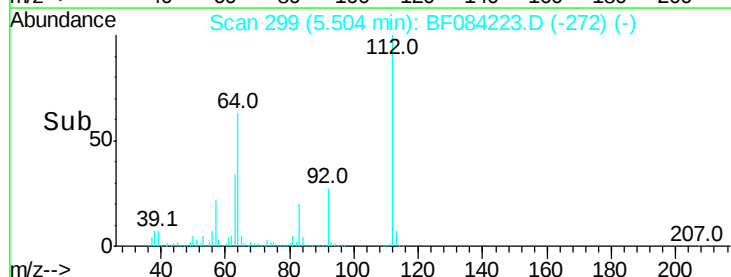
63 33.5 19.4 29.0#

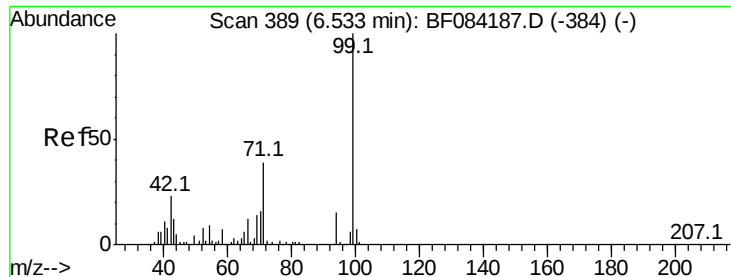


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.05 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

Instrument :

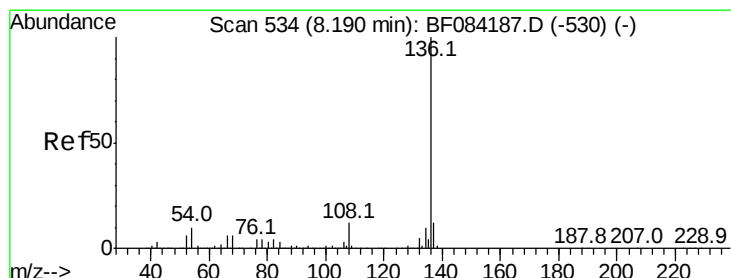
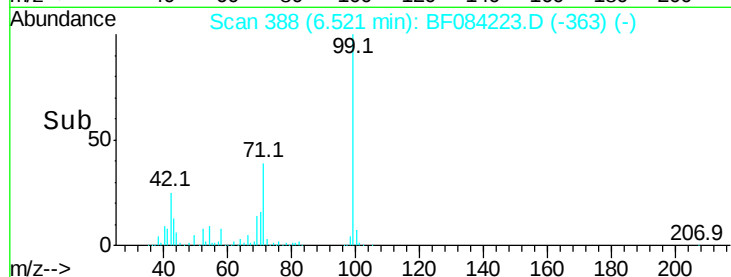
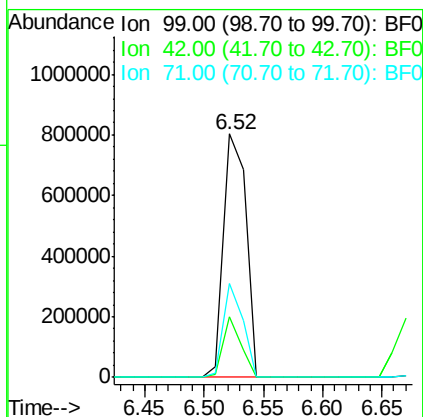
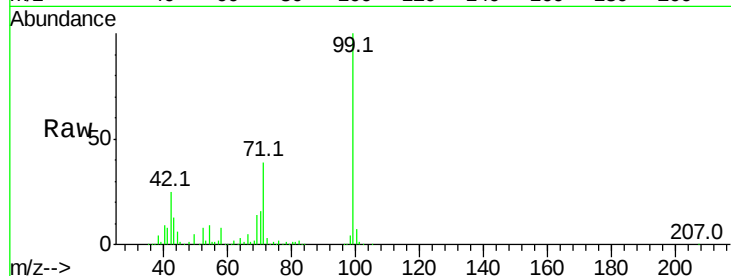
BNA_F

ClientSampled :

S8-0533

Tot Ion: 99 Resp: 1048486

Ion	Ratio	Lower	Upper
99	100		
42	25.0	12.8	19.2#
71	38.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

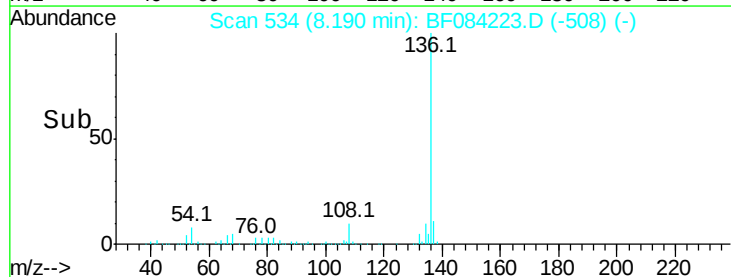
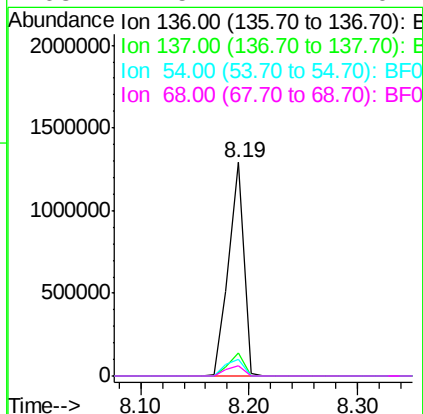
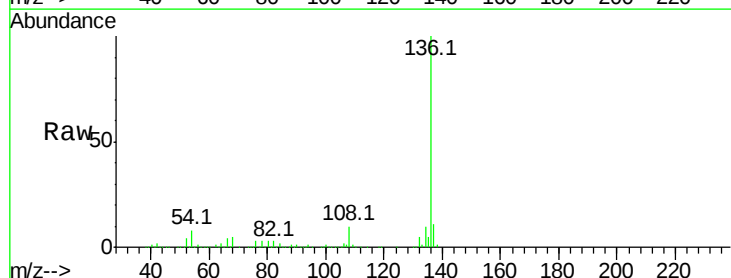
Delta R.T. 0.00 min

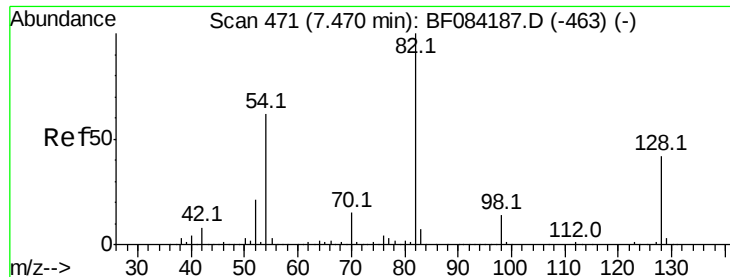
Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

Tgt Ion: 136 Resp: 1252018

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	5.8	8.8
68	4.5	4.2	6.2

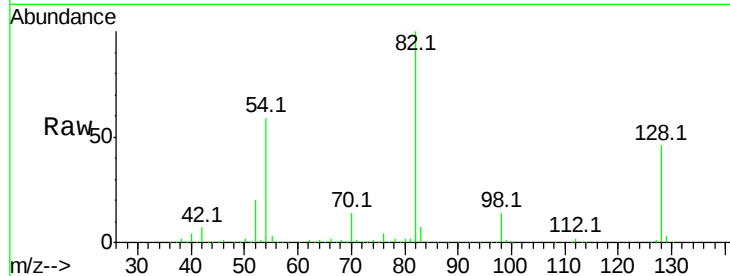




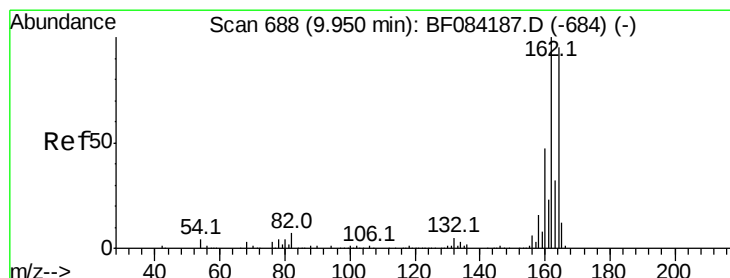
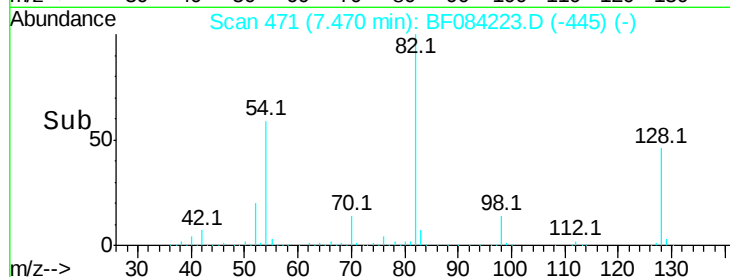
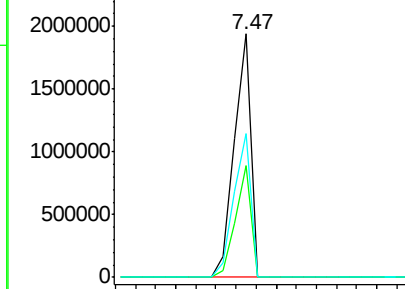
#23
Nitrobenzene-d5
Concen: 98.13 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084223.D
Acq: 1 Jan 2016 4:20

Instrument :
BNA_F
ClientSampleId :
S8-0533

Tot Ion: 82 Resp: 2207629
Ion Ratio Lower Upper
82 100
128 45.9 34.6 51.8
54 59.1 38.4 57.6#

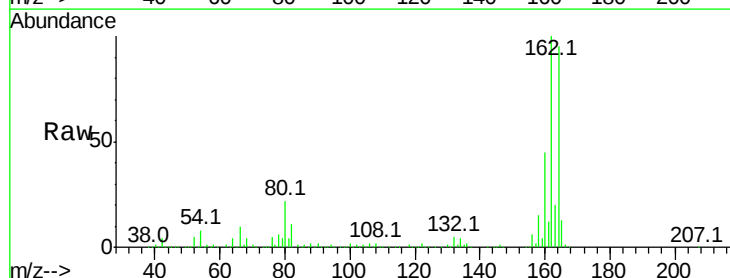


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

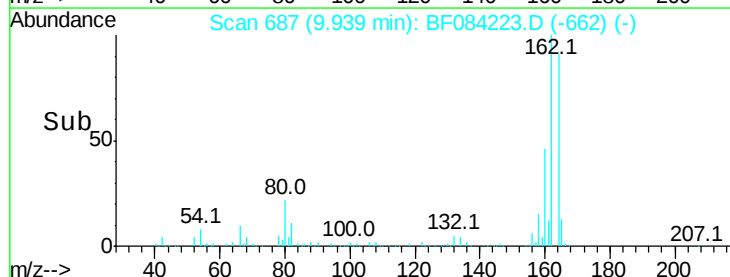
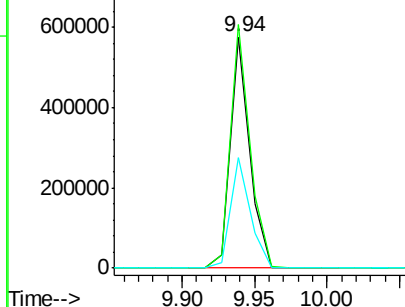


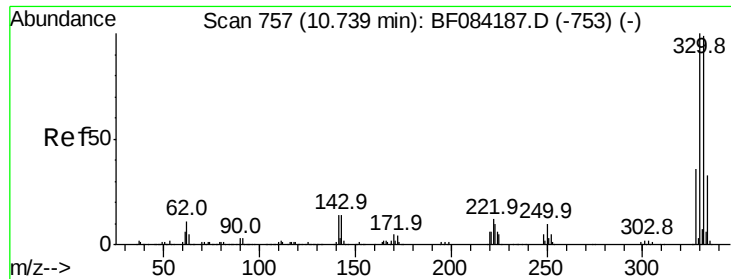
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084223.D
Acq: 1 Jan 2016 4:20

Tgt Ion:164 Resp: 528034
Ion Ratio Lower Upper
164 100
162 105.4 85.1 127.7
160 47.9 37.5 56.3



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

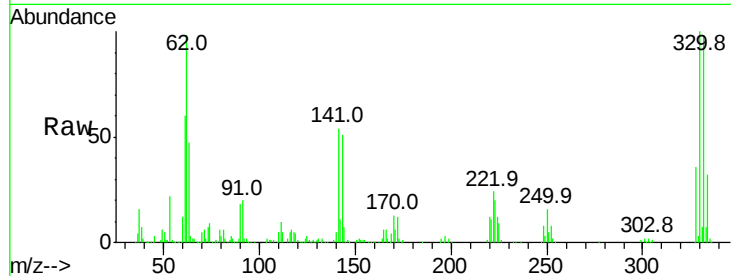




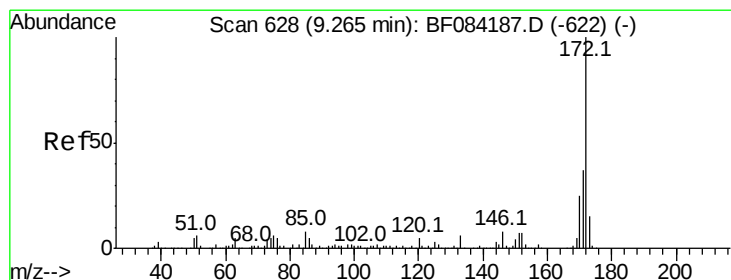
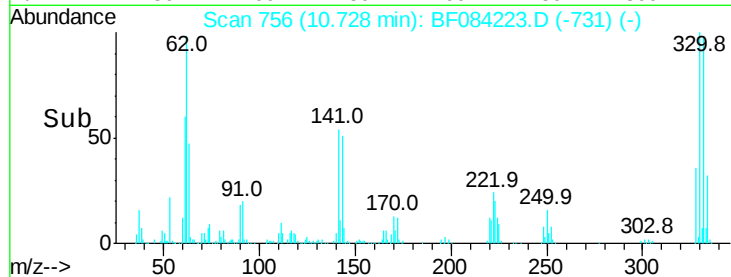
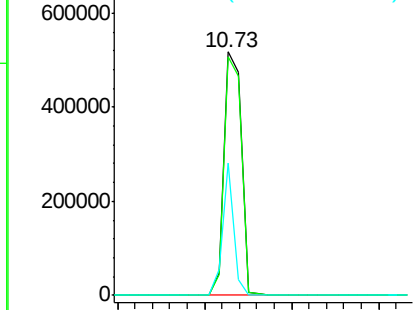
#41
 2,4,6-Tribromophenol
 Concen: 135.62 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084223.D
 Acq: 1 Jan 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 S8-0533

Tot Ion:330 Resp: 722995
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 35.7 27.8 41.6

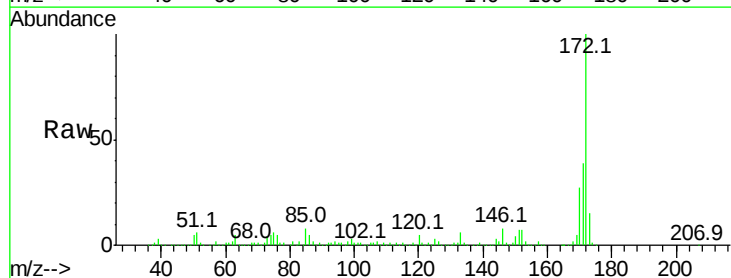


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

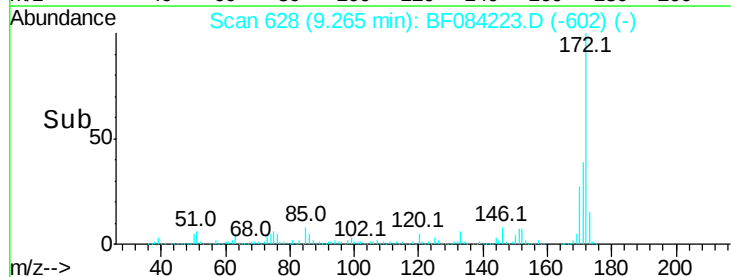
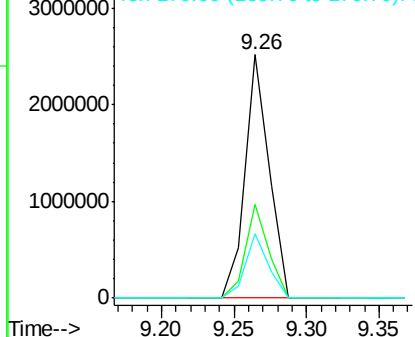


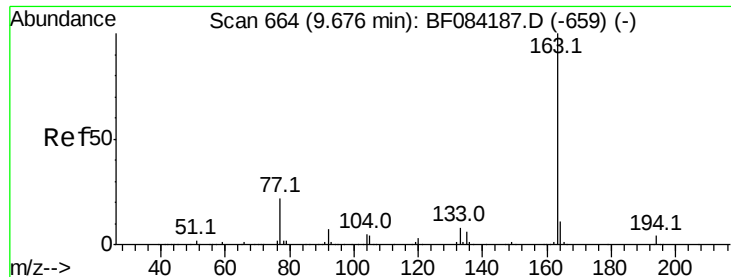
#44
 2-Fluorobiphenyl
 Concen: 97.28 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084223.D
 Acq: 1 Jan 2016 4:20

Tgt Ion:172 Resp: 2892635
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.6 18.6 27.8



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





#49

Dimethylphthalate

Concen: 8.22 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

Instrument :

BNA_F

ClientSampleId :

S8-0533

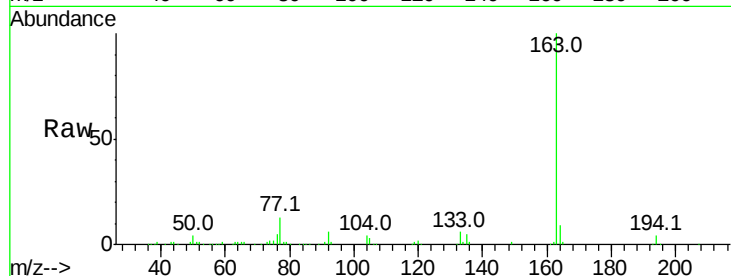
Tot Ion:163 Resp: 310488

Ion Ratio Lower Upper

163 100

194 4.0 8.0 12.0#

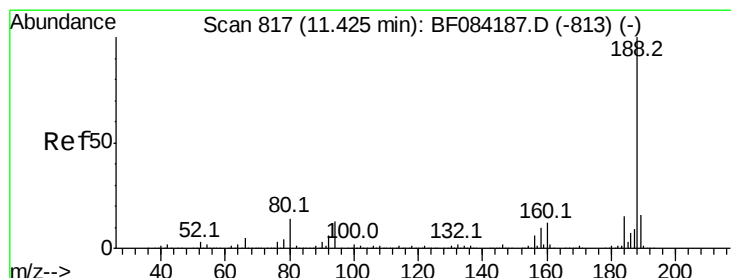
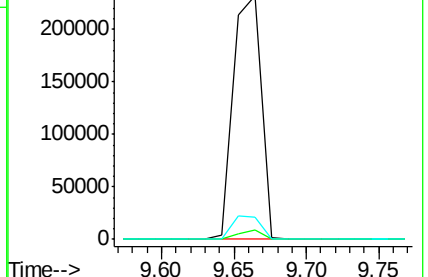
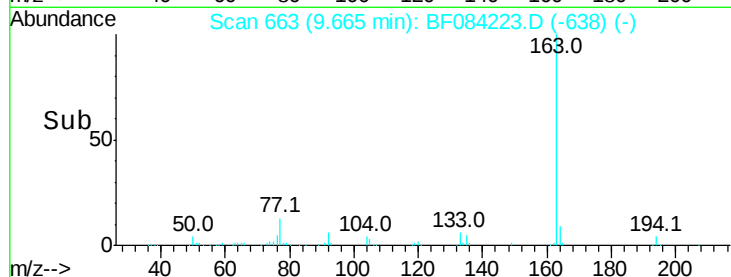
164 8.9 8.0 12.0



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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

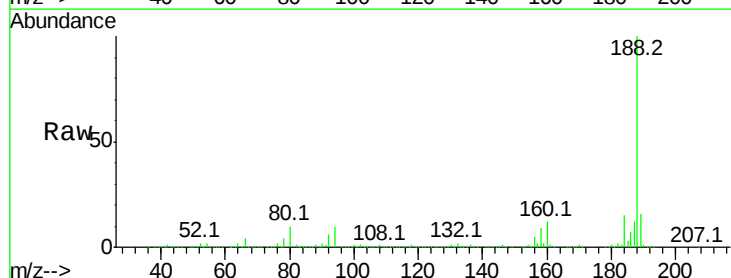
Tgt Ion:188 Resp: 950262

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

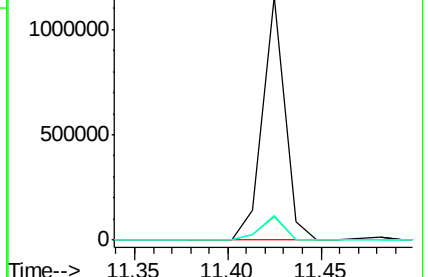
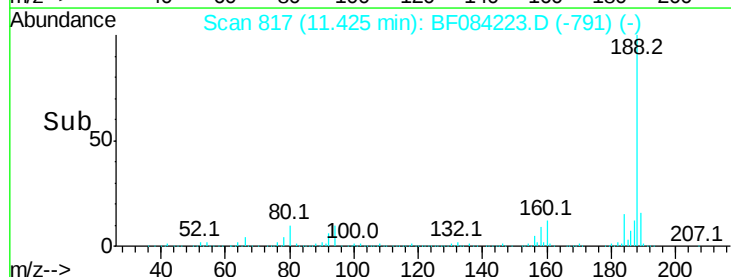
80 10.4 9.6 14.4

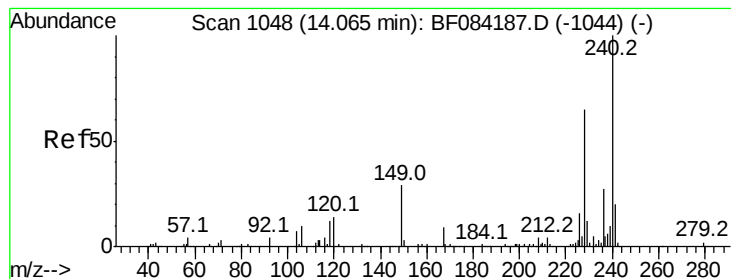


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

Instrument :

BNA_F

ClientSampleId :

S8-0533

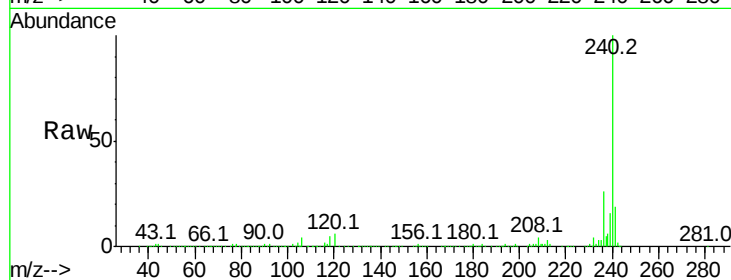
Tot Ion:240 Resp: 607944

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

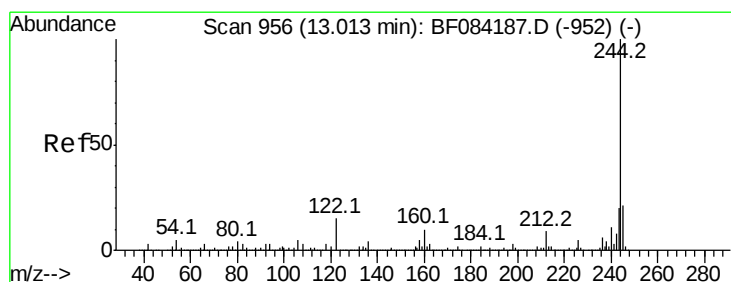
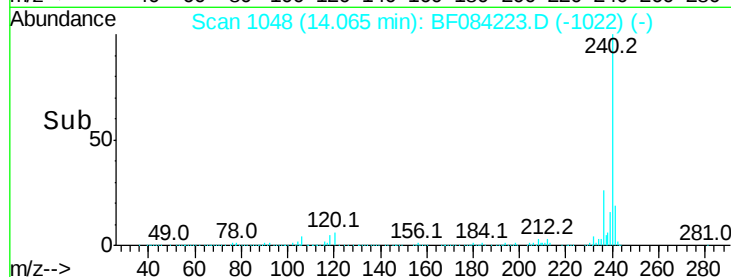
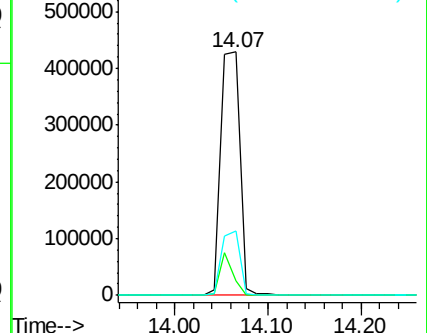
236 26.3 20.6 31.0



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: 83.83 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084223.D

Acq: 1 Jan 2016 4:20

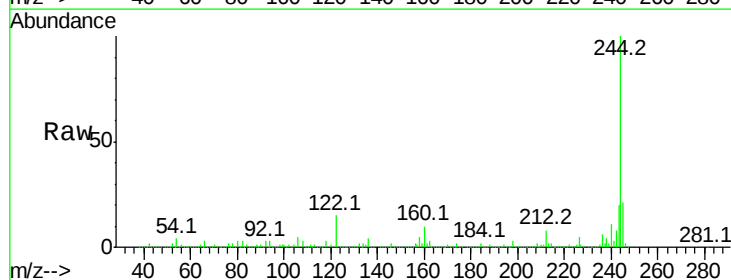
Tgt Ion:244 Resp: 2283283

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

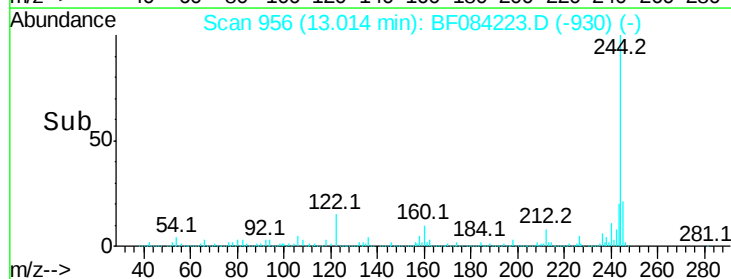
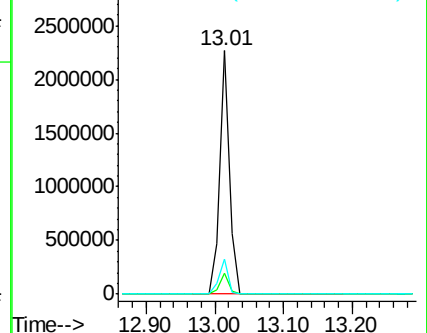
122 14.5 7.4 11.0#

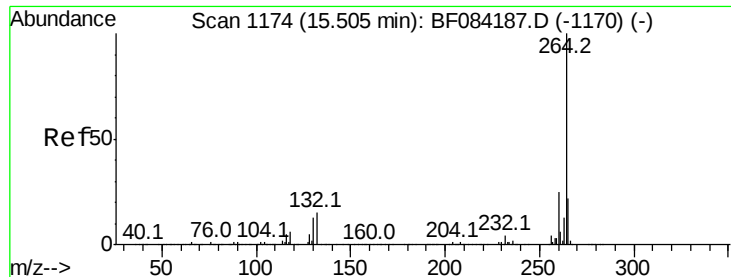


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

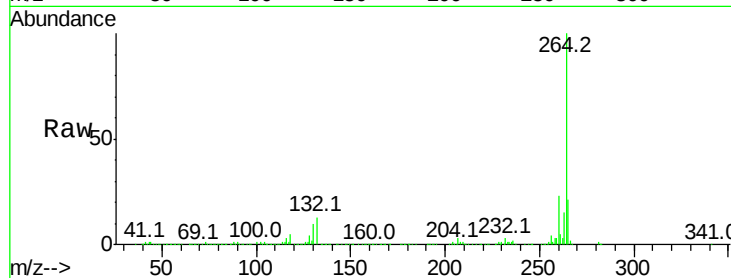




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084223.D
Acq: 1 Jan 2016 4:20

Instrument :
BNA_F
ClientSampleId :
S8-0533

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.5	17.8	26.6



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

