

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084498.D
 Acq On : 15 Jan 2016 18:38
 Operator : SJ/UM
 Sample : H1127-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REDSOIL

Quant Time: Jan 16 02:49:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

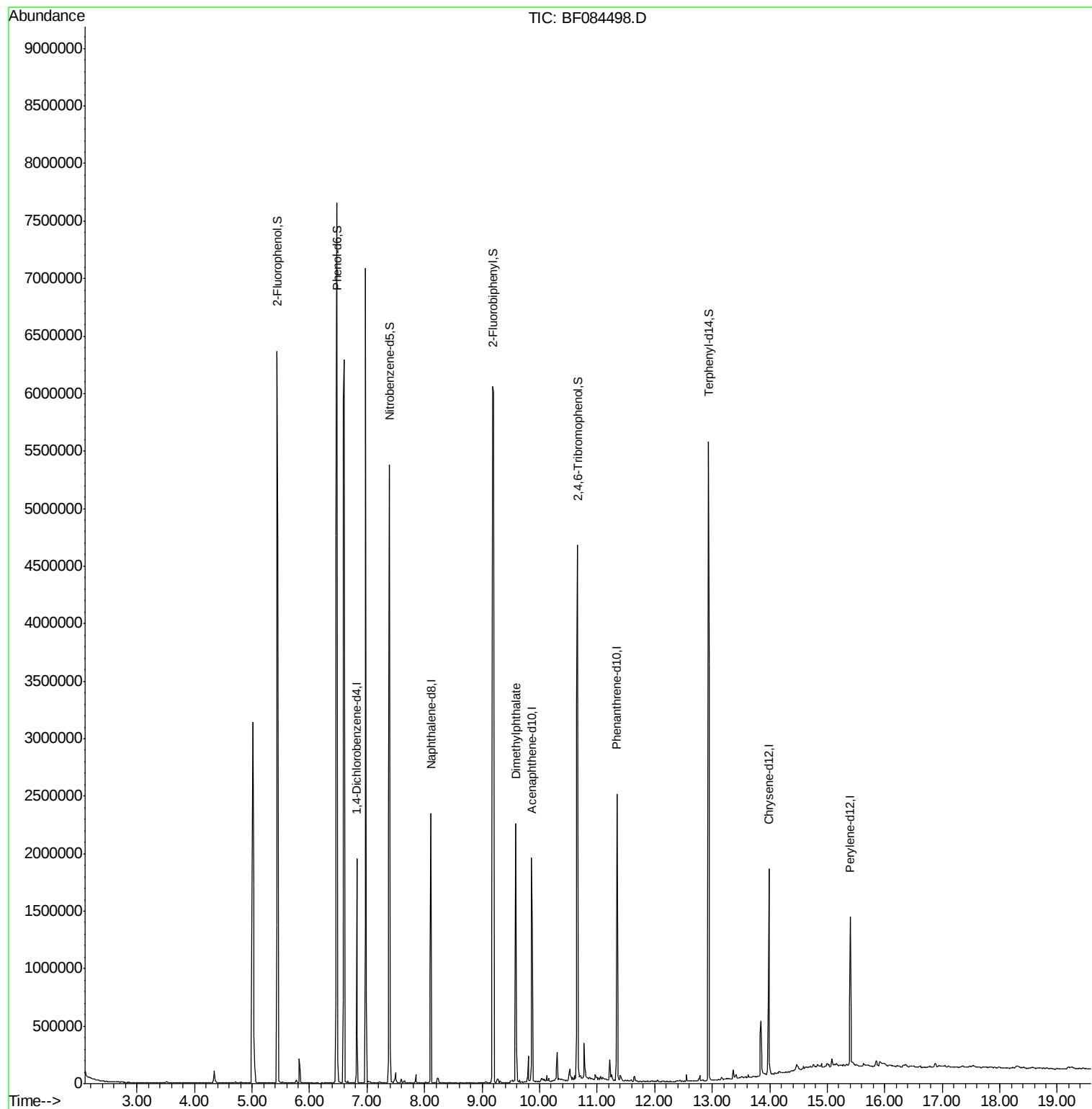
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	269043	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1142246	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	500729	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	870084	20.00	ng	0.00
75) Chrysene-d12	13.99	240	647422	20.00	ng	0.00
86) Perylene-d12	15.40	264	569407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2479452	149.06	ng	0.01
7) Phenol-d6	6.48	99	3074520	147.17	ng	0.01
23) Nitrobenzene-d5	7.39	82	1866324	90.94	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	745053	147.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3065941	109.54	ng	0.00
78) Terphenyl-d14	12.93	244	2273712	78.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	845140	23.61	ng	Qvalue # 90

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

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

REDSOIL

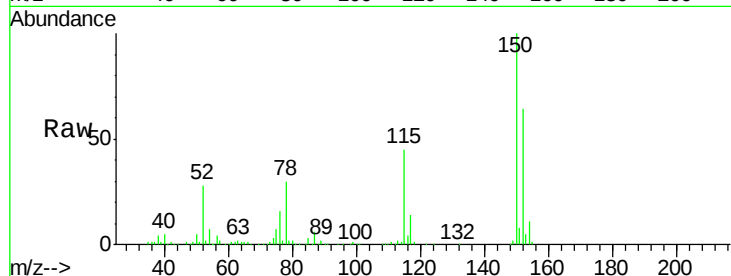
Tot Ion:152 Resp: 269043

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

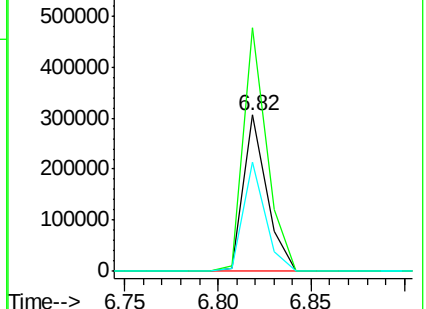
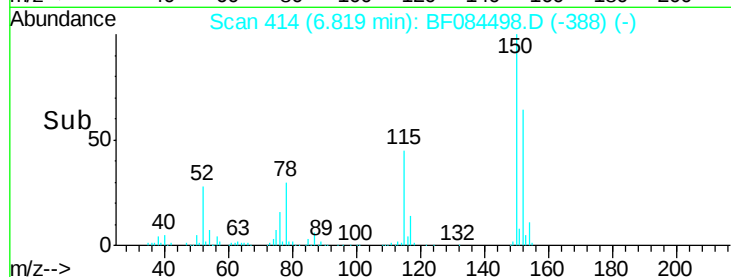
115 70.0 51.4 77.2



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: 149.06 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

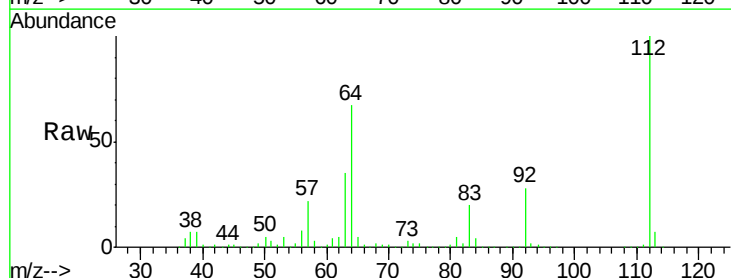
Tgt Ion:112 Resp: 2479452

Ion Ratio Lower Upper

112 100

64 66.8 36.6 55.0#

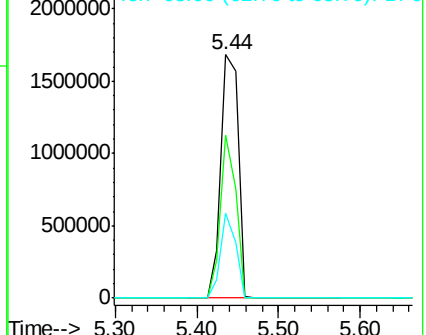
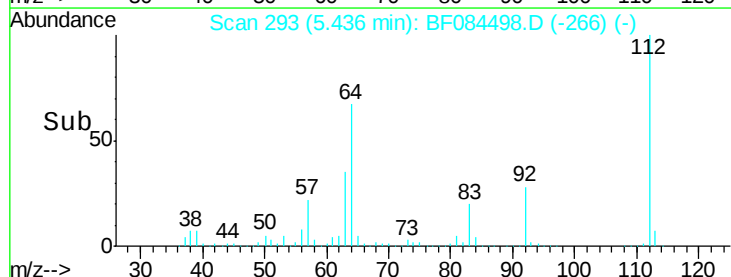
63 34.7 19.4 29.0#



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: 147.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Instrument :

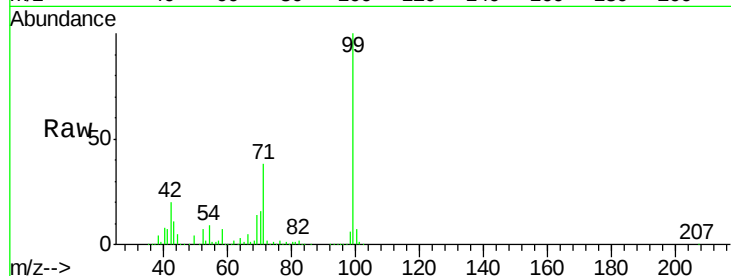
BNA_F

ClientSampleId :

REDSOIL

Tot Ion: 99 Resp: 3074520

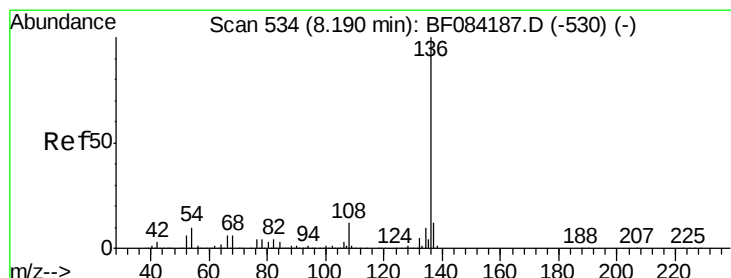
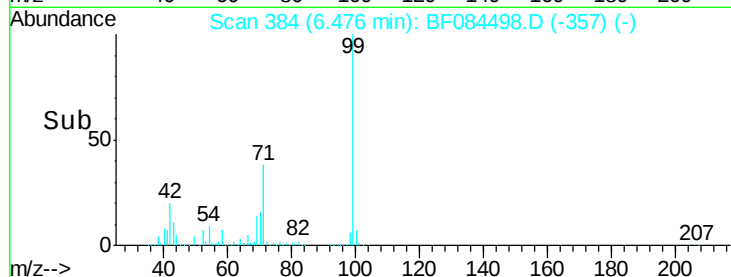
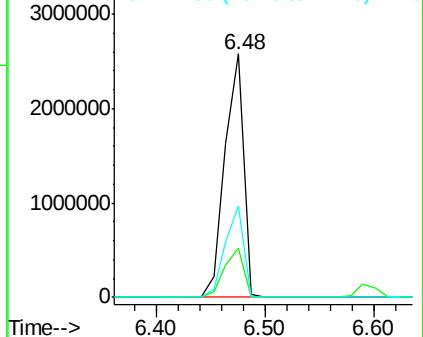
Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.7	30.9	46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Tgt Ion:136 Resp: 1142246

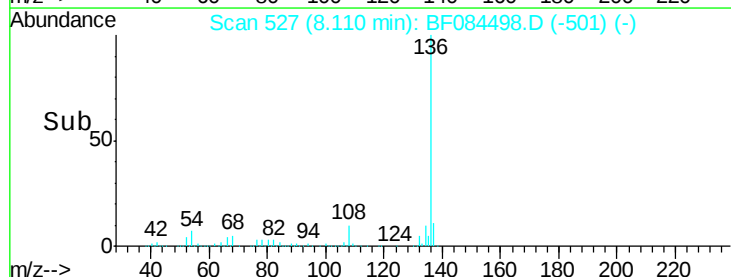
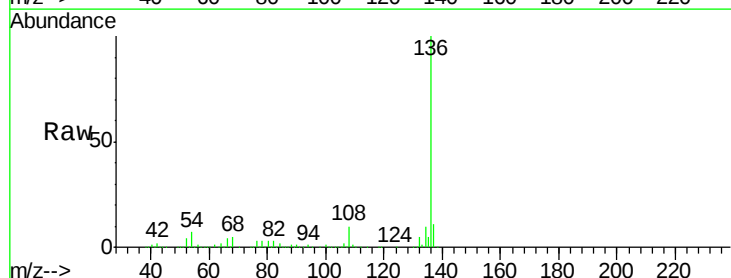
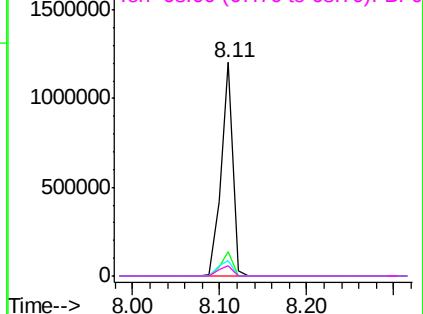
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.3	5.8	8.8
68	5.0	4.2	6.2

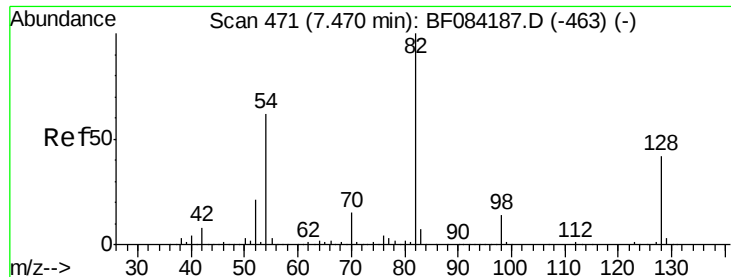
Abundance Ion 136.00 (135.70 to 136.70): E

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

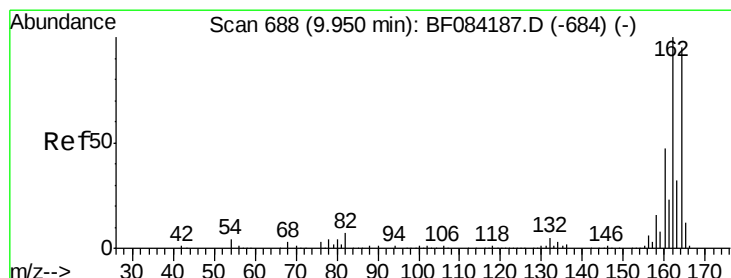
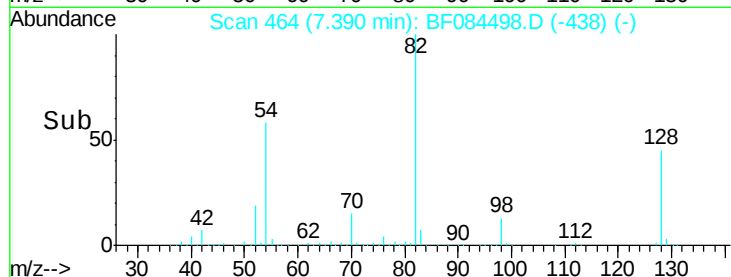
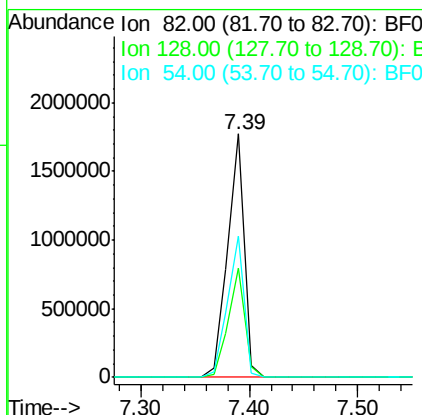
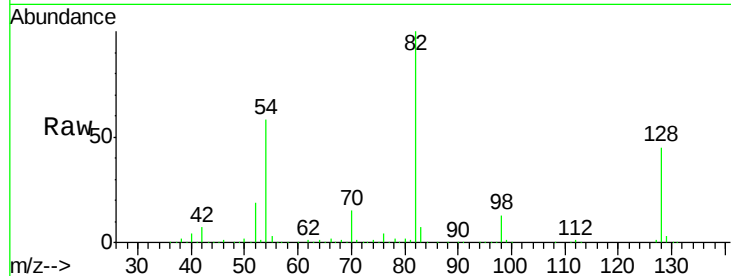




#23
 Nitrobenzene-d5
 Concen: 90.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

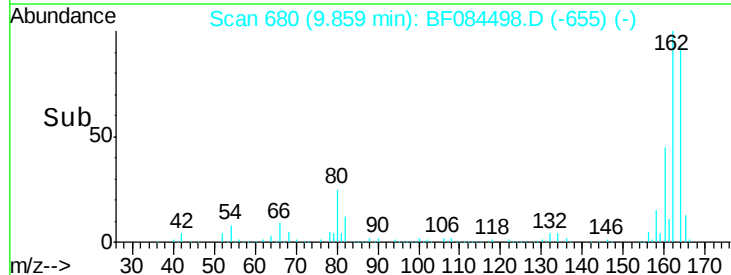
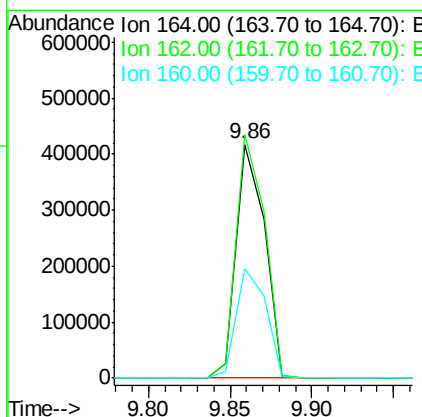
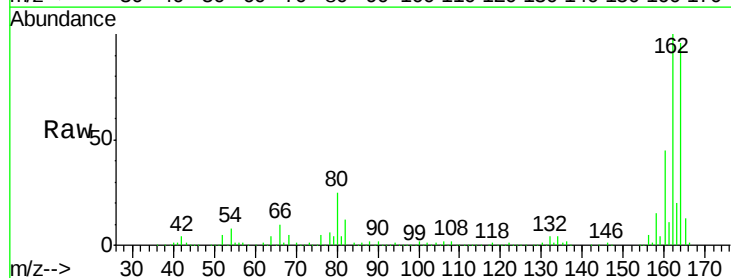
Instrument :
 BNA_F
 ClientSampleId :
 REDSOIL

Tot Ion: 82 Resp: 1866324
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 51.8
 54 58.1 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

Tgt Ion:164 Resp: 500729
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.1 127.7
 160 46.8 37.5 56.3

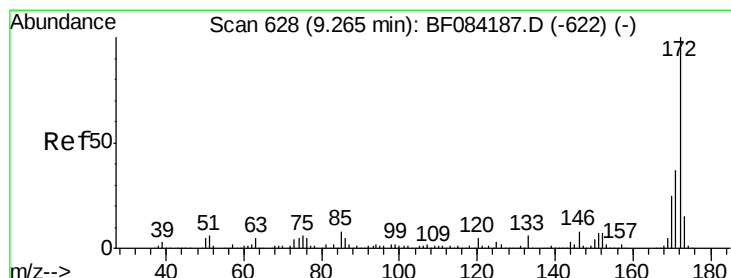
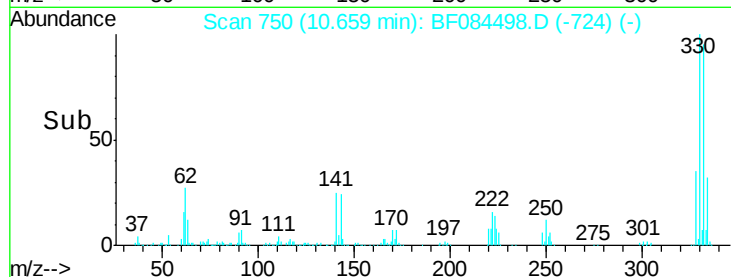
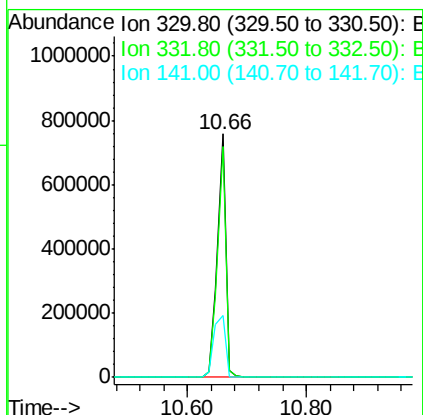
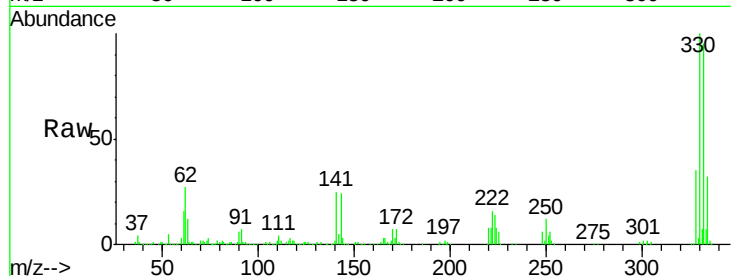




#41
 2,4,6-Tribromophenol
 Concen: 147.38 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

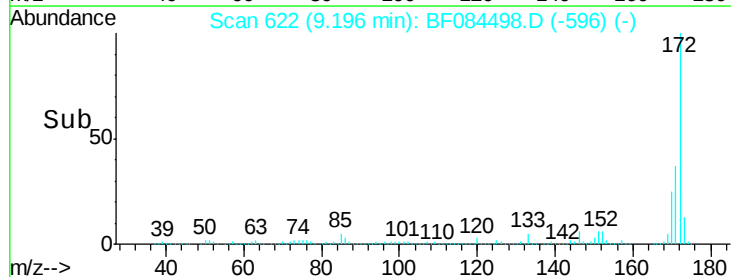
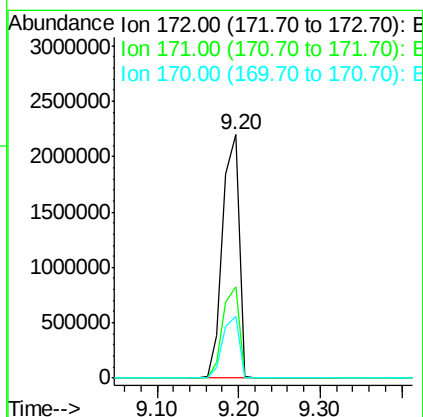
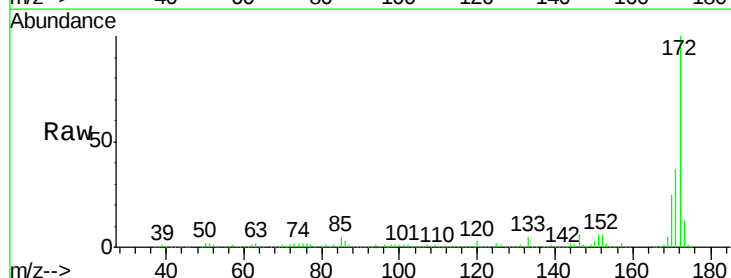
Instrument :
 BNA_F
 ClientSampled :
 REDSOIL

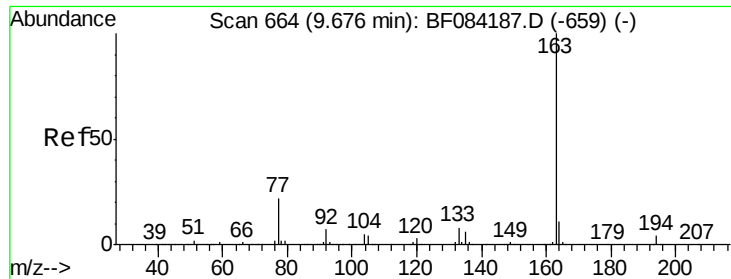
Tot Ion:330 Resp: 745053
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 35.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 109.54 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084498.D
 Acq: 15 Jan 2016 18:38

Tgt Ion:172 Resp: 3065941
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.2 18.6 27.8

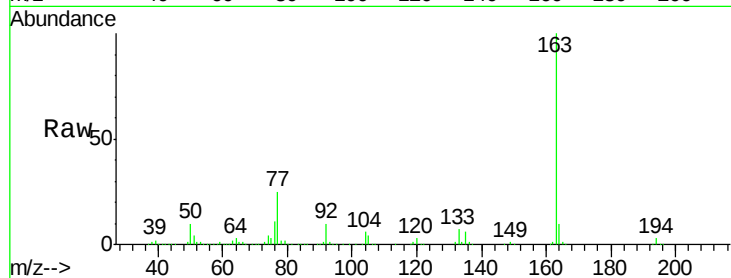




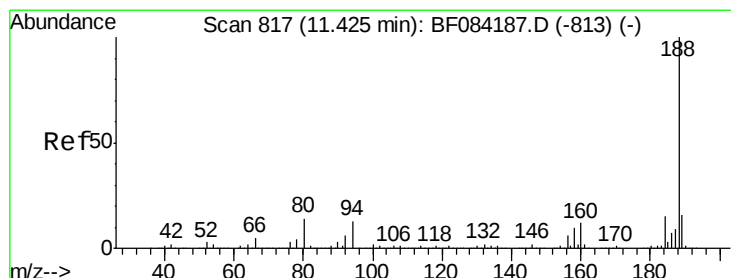
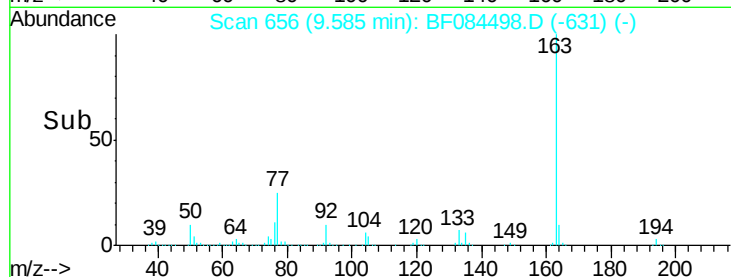
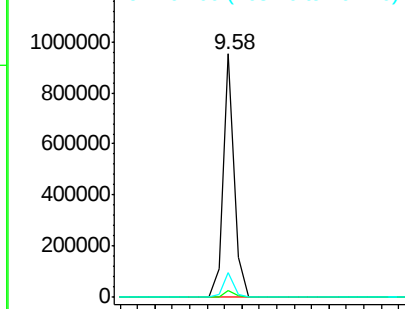
#49
Dimethylphthalate
Concen: 23.61 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
REDSOIL

Tot Ion:163 Resp: 845140
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.3 8.0 12.0

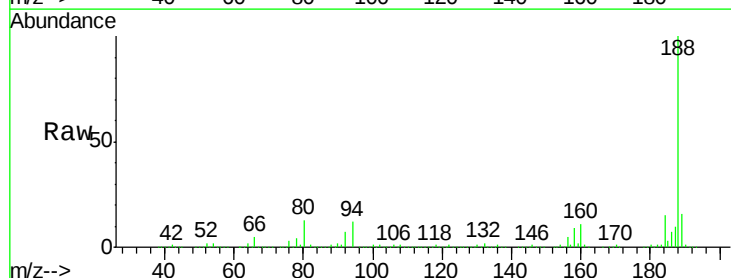


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

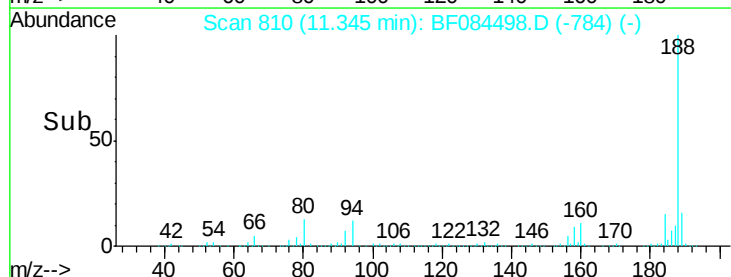
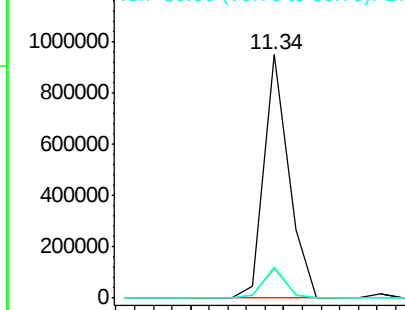


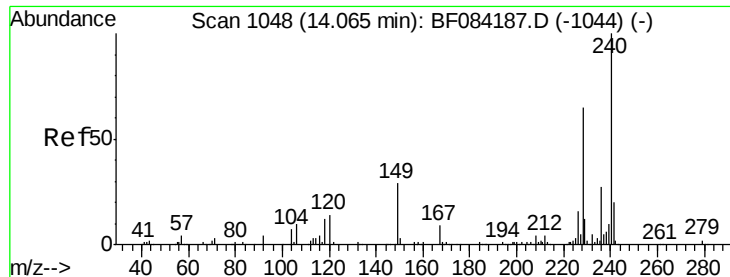
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Tgt Ion:188 Resp: 870084
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.4
80 12.9 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

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

REDSOIL

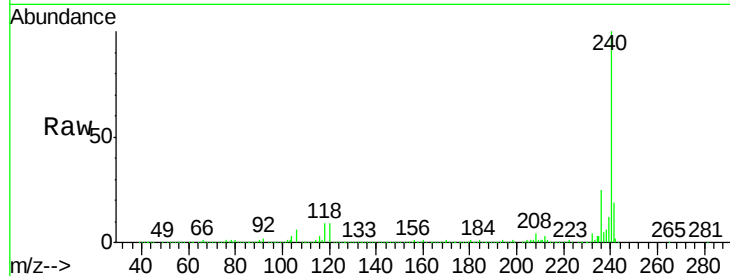
Tot Ion:240 Resp: 647422

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

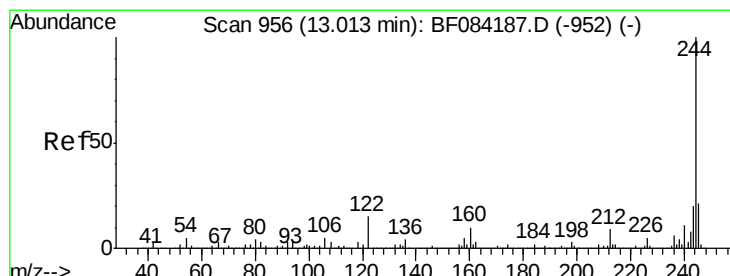
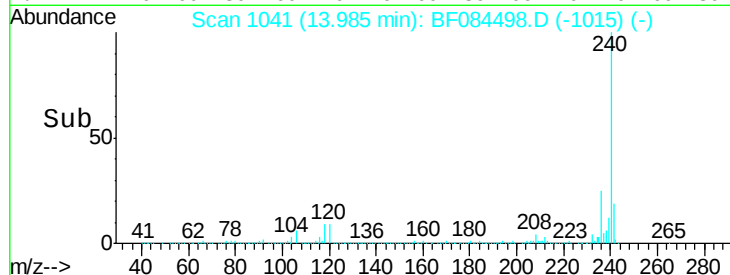
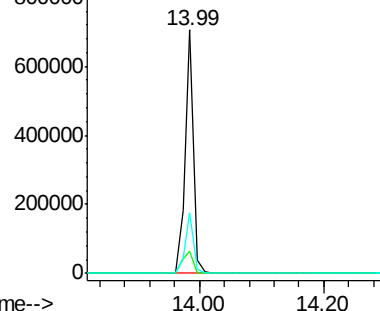
236 25.1 20.6 31.0



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: 78.39 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084498.D

Acq: 15 Jan 2016 18:38

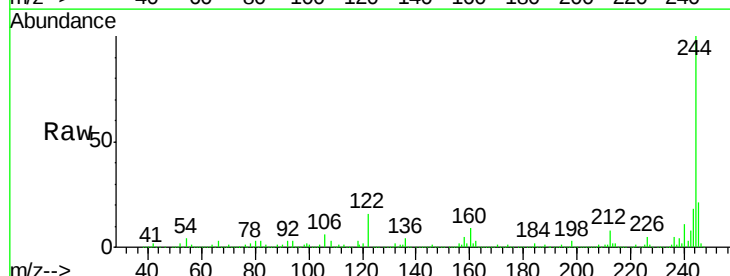
Tgt Ion:244 Resp: 2273712

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

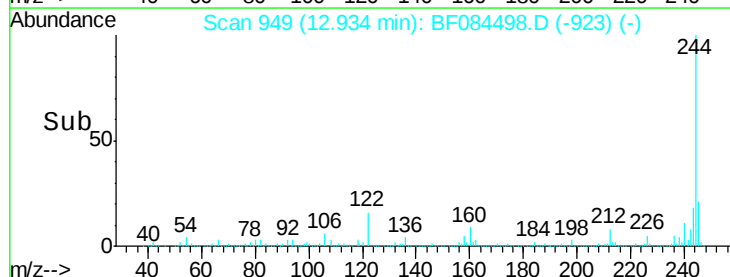
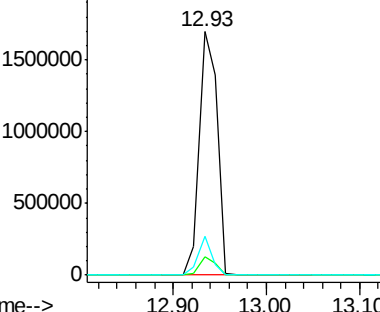
122 16.2 7.4 11.0#

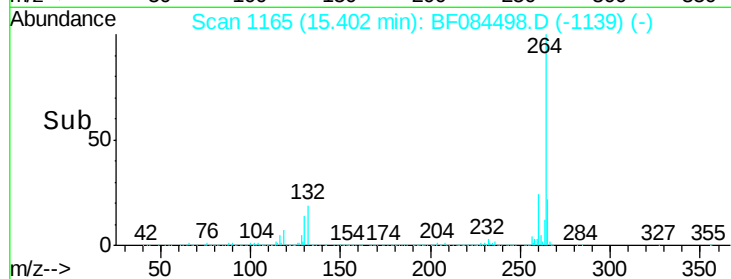
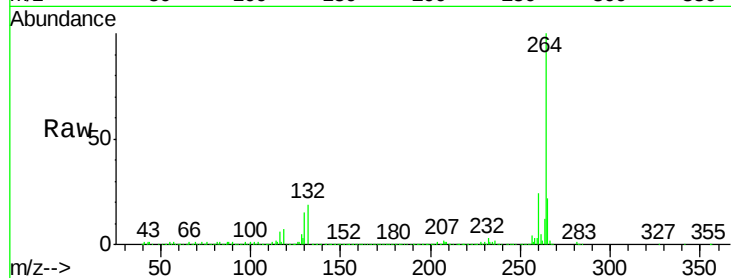
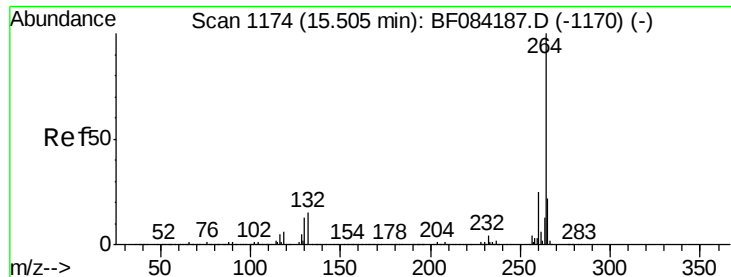


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084498.D
Acq: 15 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
REDSOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	17.8	26.6

