

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082410.D
 Acq On : 21 Oct 2015 18:03
 Operator : UM/IZ
 Sample : G4103-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-11

Quant Time: Oct 22 15:51:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

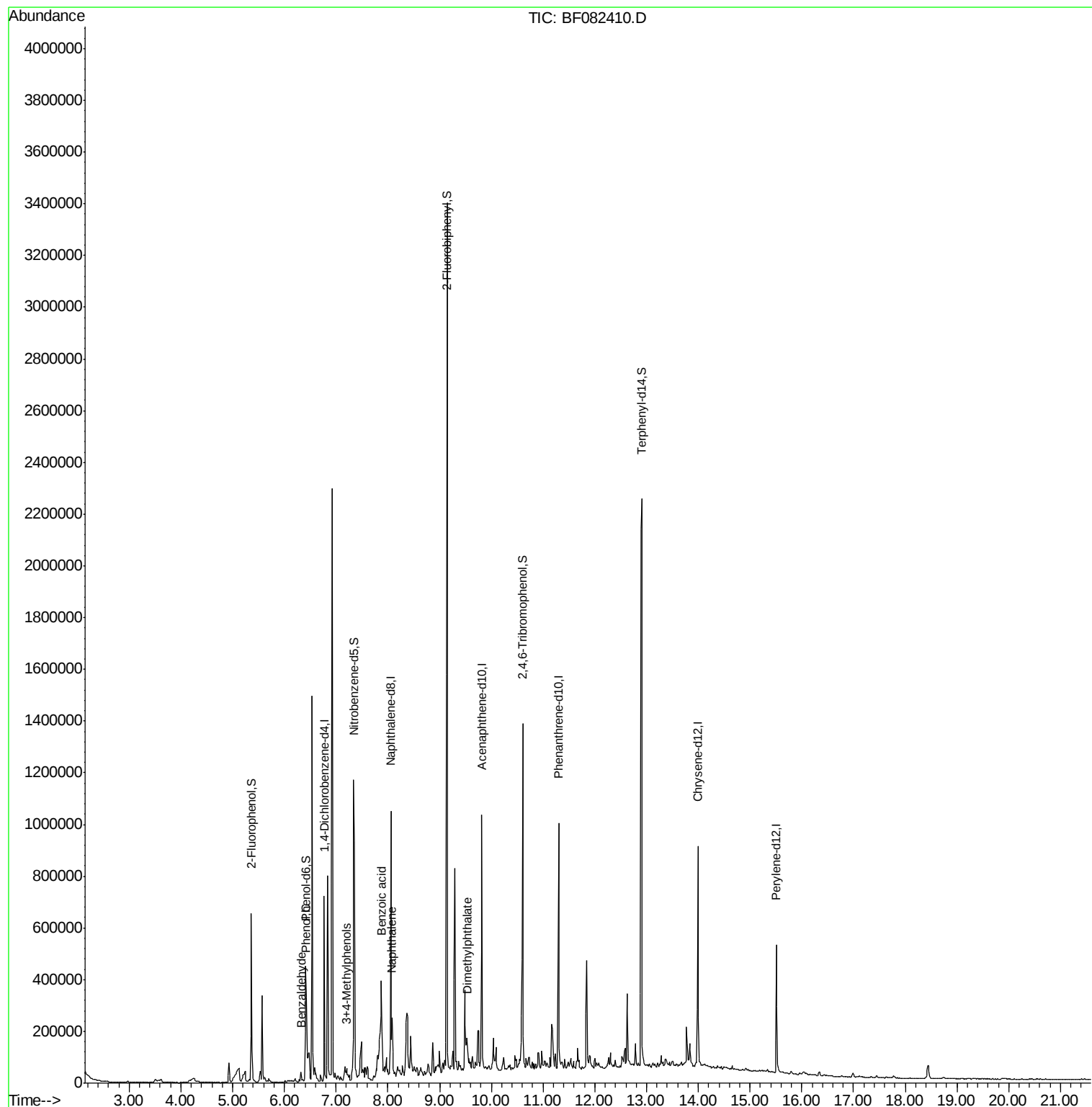
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112342	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	454817	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	222251	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	411568	20.00	ng	0.00
75) Chrysene-d12	13.99	240	344293	20.00	ng	-0.02
86) Perylene-d12	15.51	264	242840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	210876	37.88	ng	0.00
7) Phenol-d6	6.41	99	161897	22.35	ng	-0.01
23) Nitrobenzene-d5	7.34	82	548518	80.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	144628	69.39	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1215362	90.69	ng	0.00
78) Terphenyl-d14	12.90	244	1099747	84.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	11866	3.21	ng	88
10) Phenol	6.42	94	100676	12.05	ng	87
20) 3+4-Methylphenols	7.20	107	15650	2.44	ng	# 62
31) Naphthalene	8.08	128	44919	2.28	ng	99
32) Benzoic acid	7.87	122	136355m	34.45	ng	
49) Dimethylphthalate	9.53	163	39250	2.51	ng	98

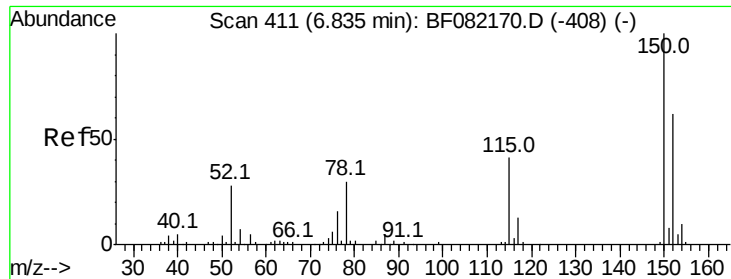
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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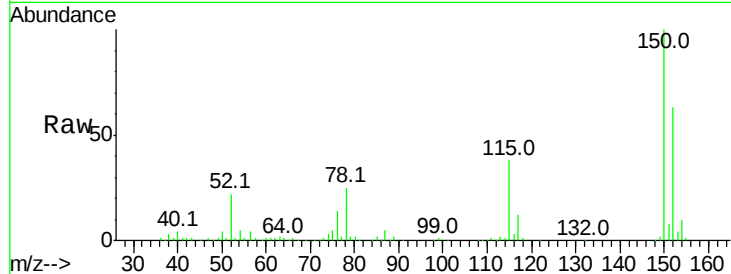


#1

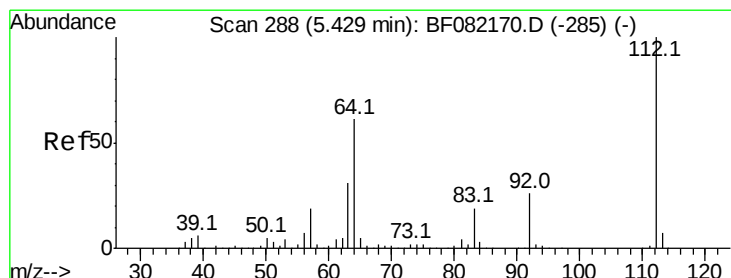
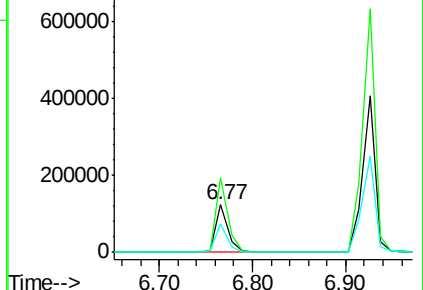
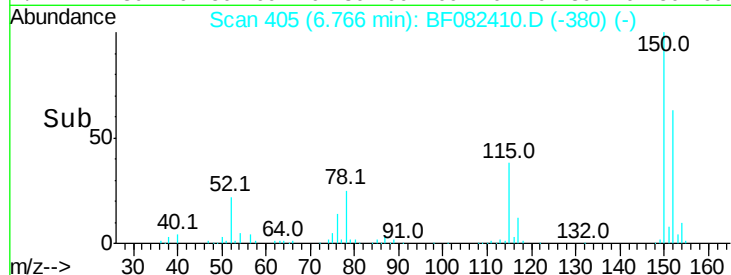
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

Instrument :
BNA_F
ClientSampleId :
TEC-11

Tot Ion:152 Resp: 112342
Ion Ratio Lower Upper
152 100
150 157.6 129.0 193.4
115 59.2 52.1 78.1



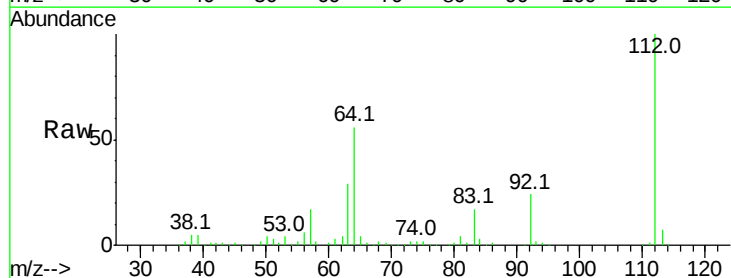
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



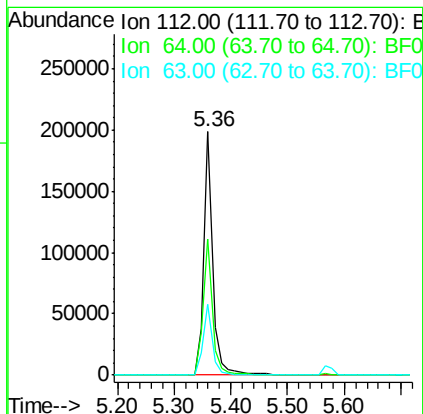
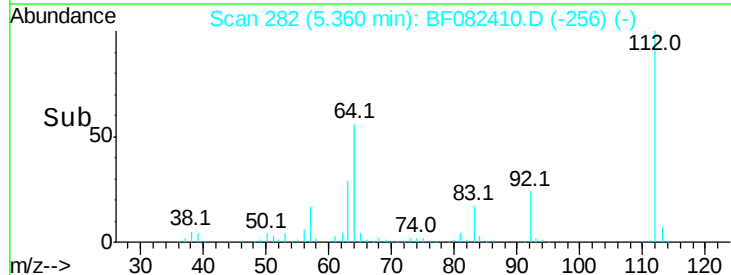
#5

2-Fluorophenol
Concen: 37.88 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

Tgt Ion:112 Resp: 210876
Ion Ratio Lower Upper
112 100
64 56.0 48.6 73.0
63 29.3 25.1 37.7



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: 22.35 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

BNA_F

ClientSampleId :

TEC-11

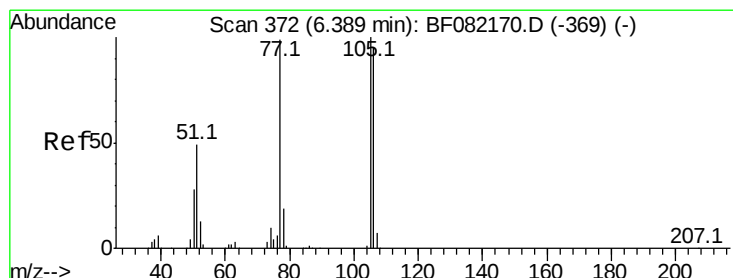
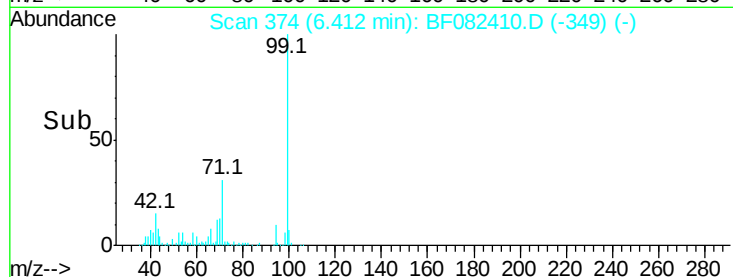
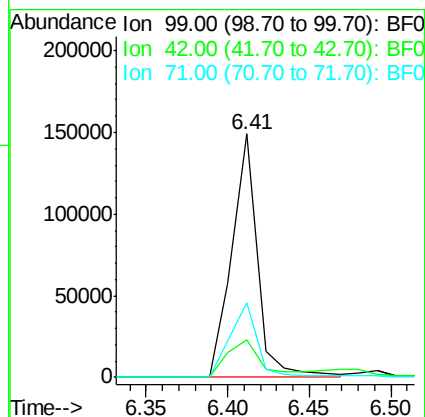
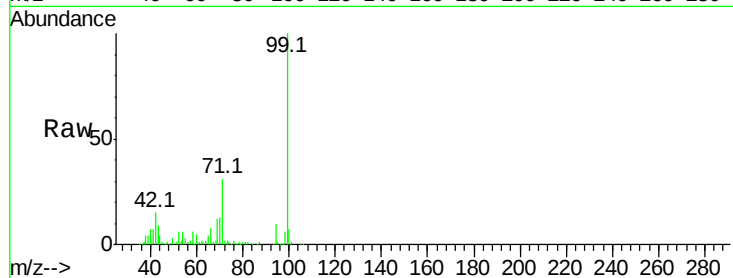
Tot Ion: 99 Resp: 161897

Ion Ratio Lower Upper

99 100

42 15.2 13.2 19.8

71 30.8 25.6 38.4



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.32 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

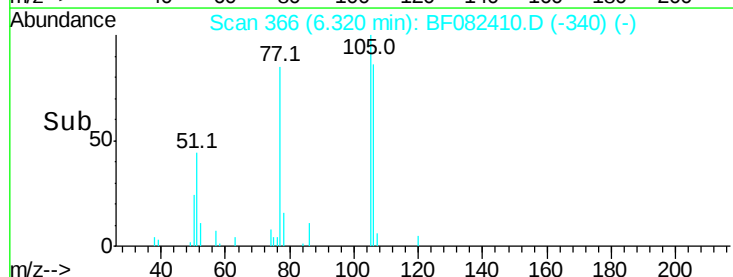
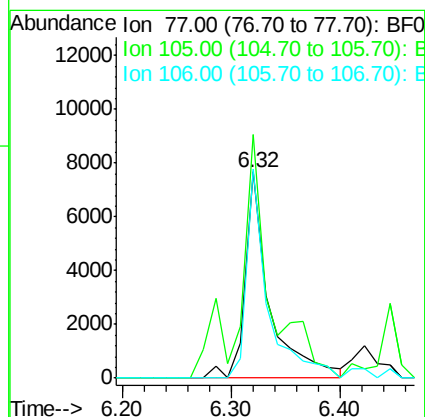
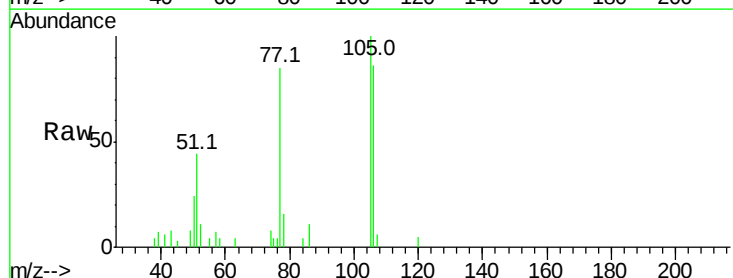
Tgt Ion: 77 Resp: 11866

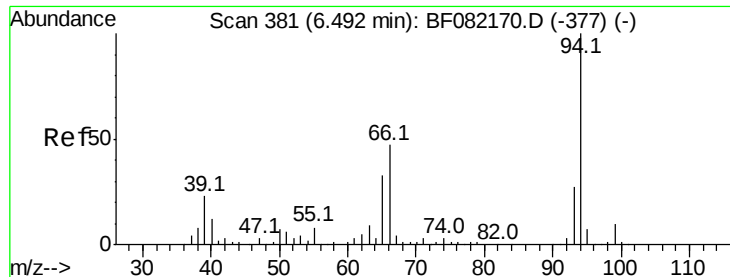
Ion Ratio Lower Upper

77 100

105 118.0 80.6 120.6

106 101.3 75.5 115.5





#10

Phenol

Concen: 12.05 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

BNA_F

ClientSampleId :

TEC-11

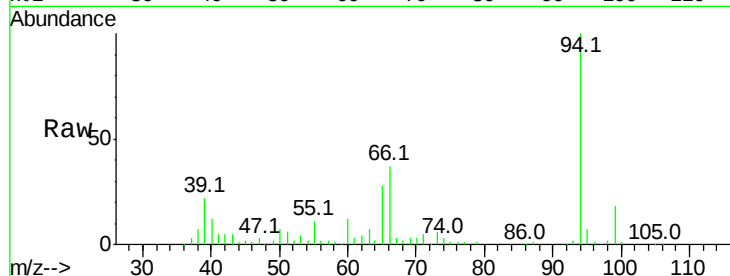
Tot Ion: 94 Resp: 100676

Ion Ratio Lower Upper

94 100

65 28.1 12.6 52.6

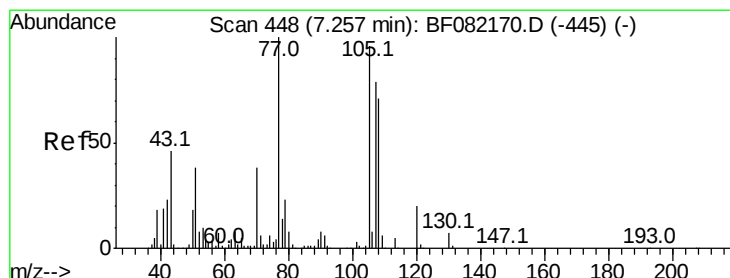
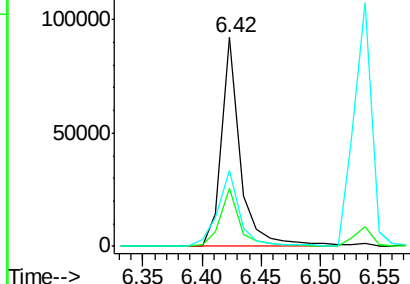
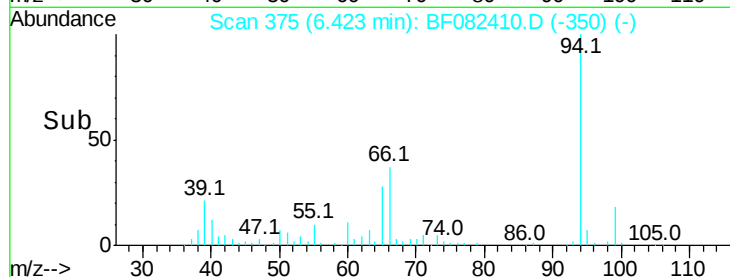
66 36.6 27.3 67.3



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



#20

3+4-Methylphenols

Concen: 2.44 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Tgt Ion:107 Resp: 15650

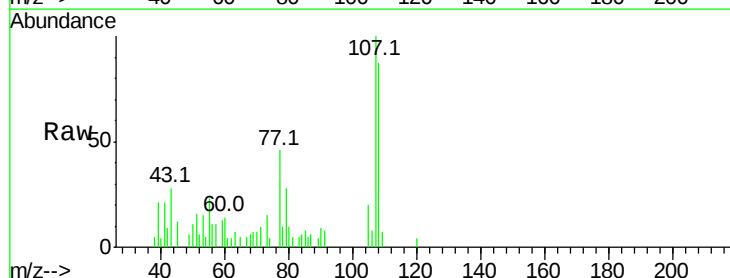
Ion Ratio Lower Upper

107 100

108 86.8 69.9 109.9

77 45.7 106.0 146.0#

79 28.4 9.8 49.8

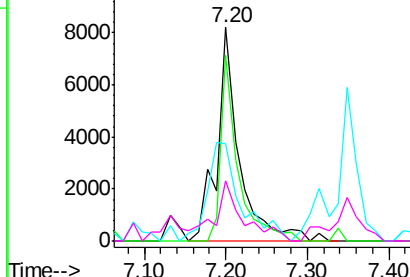
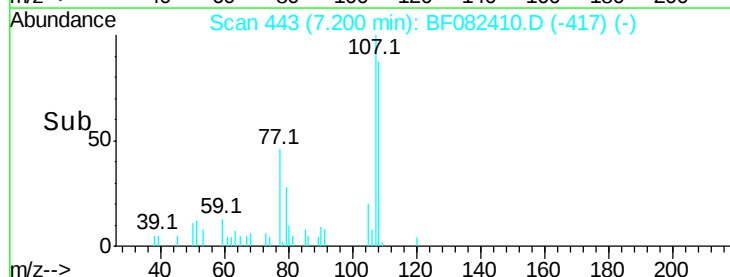


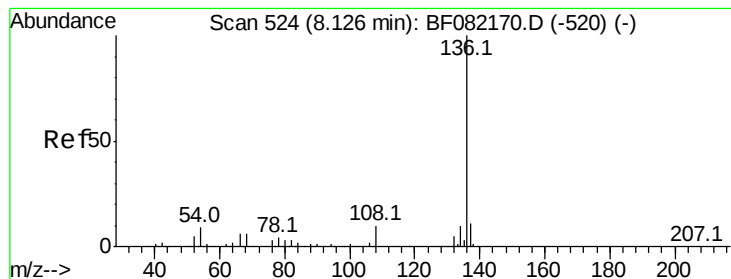
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

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ClientSampleId :

TEC-11

Tot Ion:136 Resp: 454817

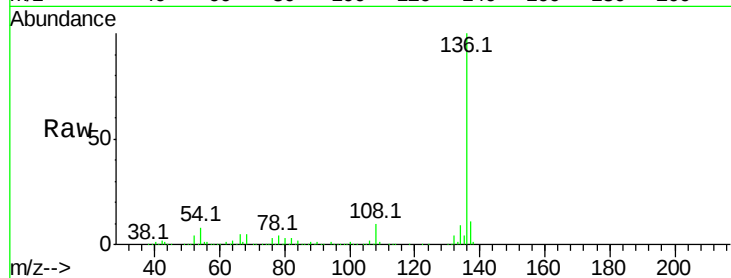
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.7 7.5 11.3

68 5.2 4.6 7.0

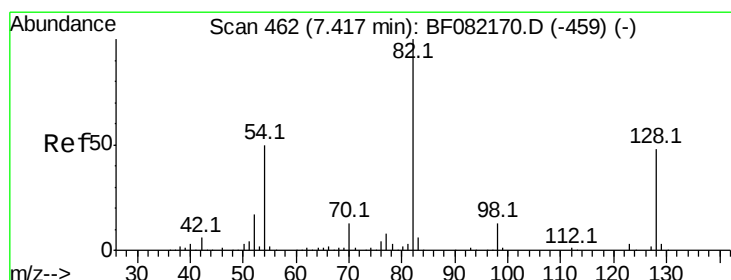
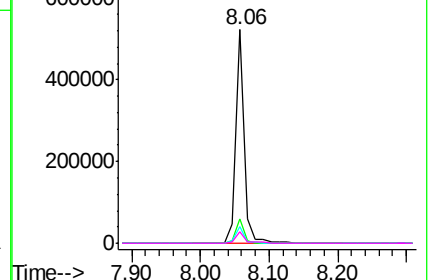
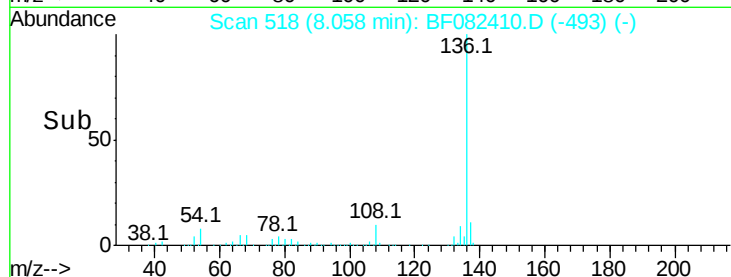


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.99 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

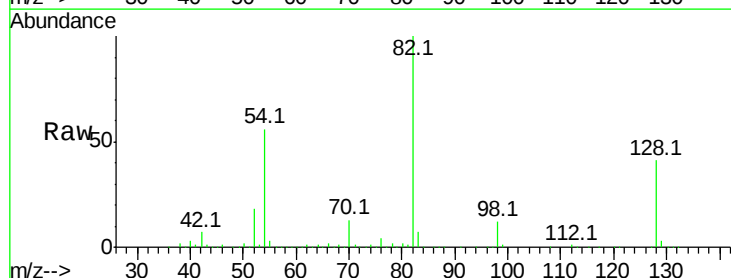
Tgt Ion: 82 Resp: 548518

Ion Ratio Lower Upper

82 100

128 41.0 38.7 58.1

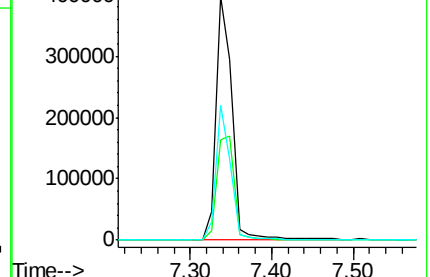
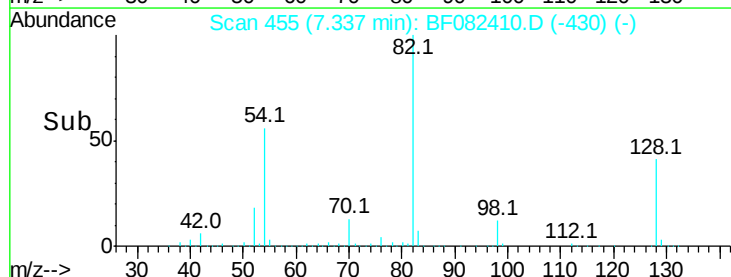
54 55.5 40.1 60.1

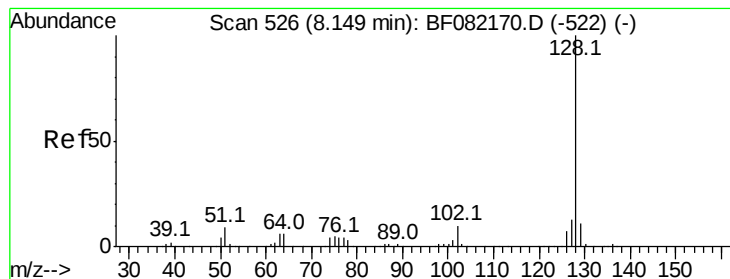


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.28 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

BNA_F

ClientSampleId :

TEC-11

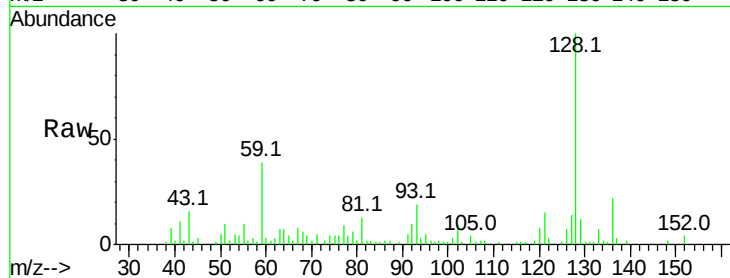
Tot Ion:128 Resp: 44919

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

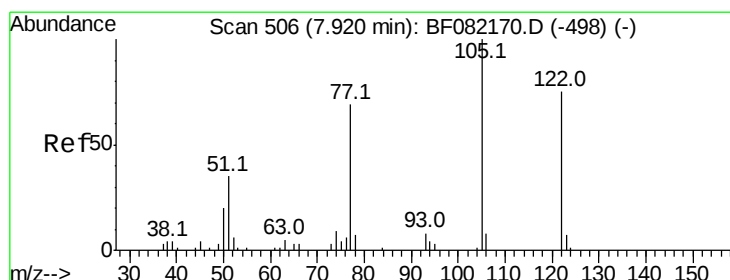
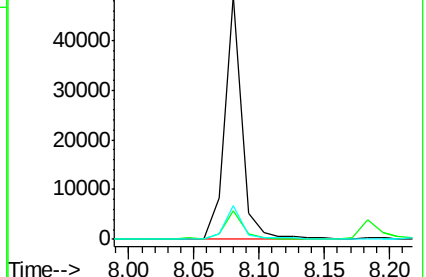
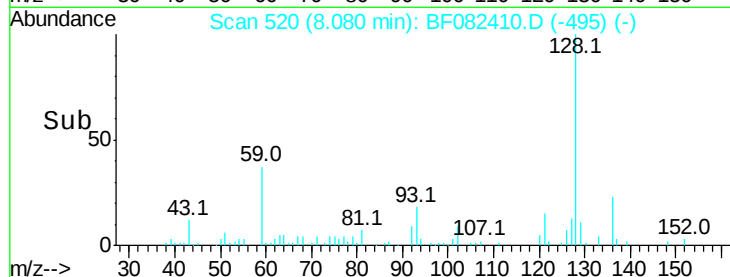
127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.45 ng m

RT: 7.87 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

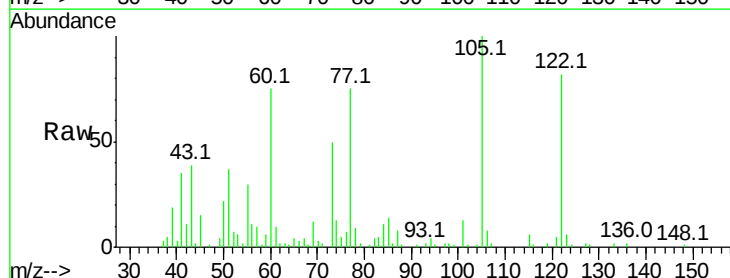
Tgt Ion:122 Resp: 136355

Ion Ratio Lower Upper

122 100

105 122.3 104.4 144.4

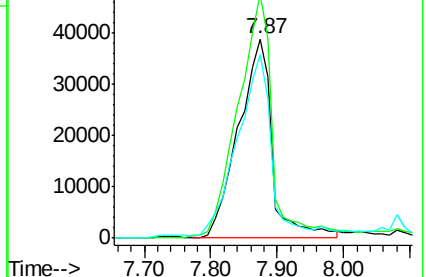
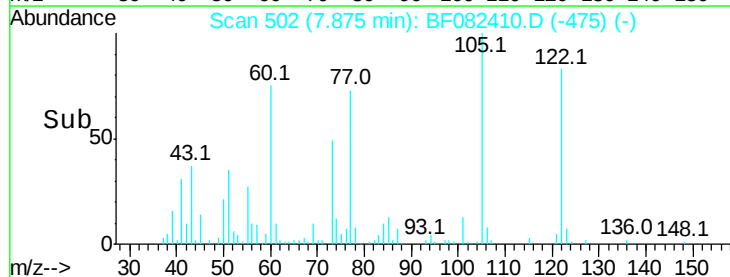
77 92.3 69.0 109.0

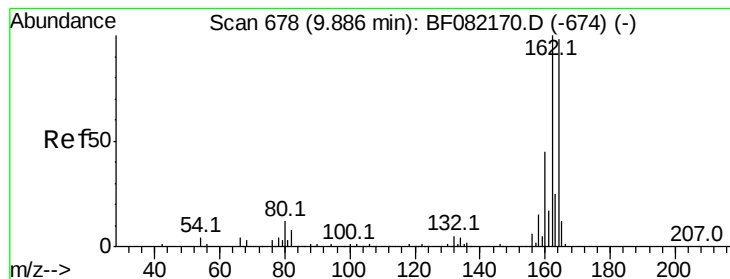


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

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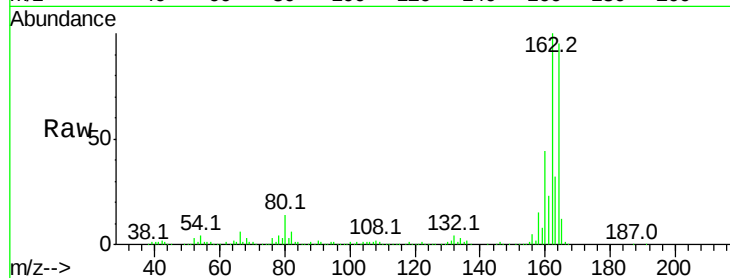
Tot Ion:164 Resp: 222251

Ion Ratio Lower Upper

164 100

162 105.6 81.6 122.4

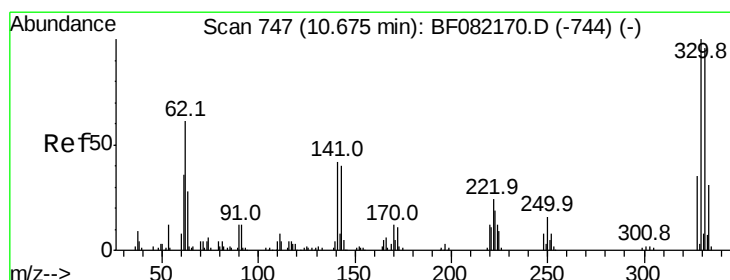
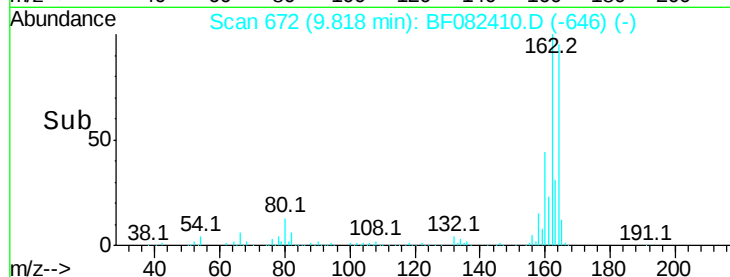
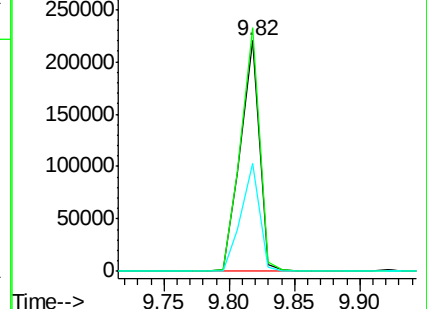
160 46.6 36.4 54.6



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: 69.39 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

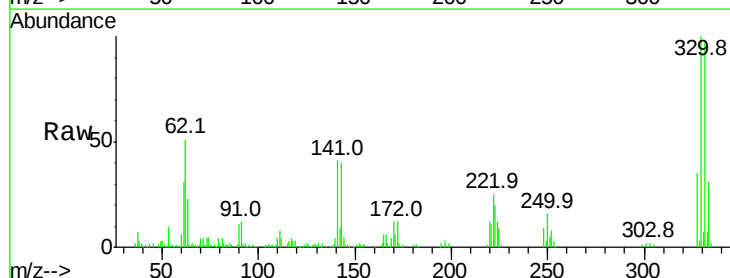
Tgt Ion:330 Resp: 144628

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

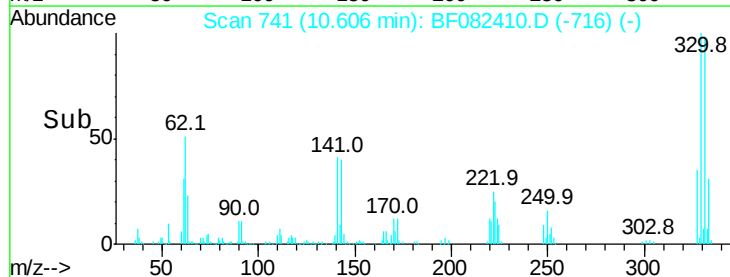
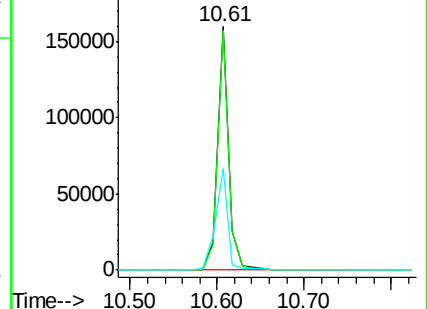
141 48.7 29.8 44.8#

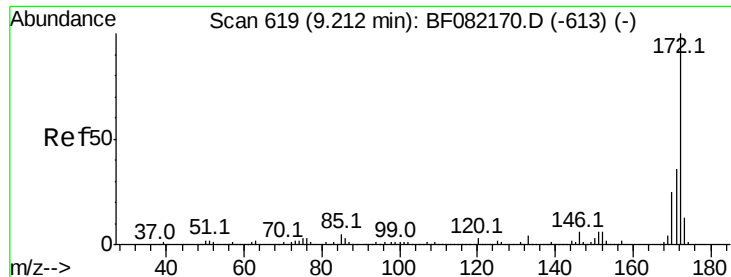


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

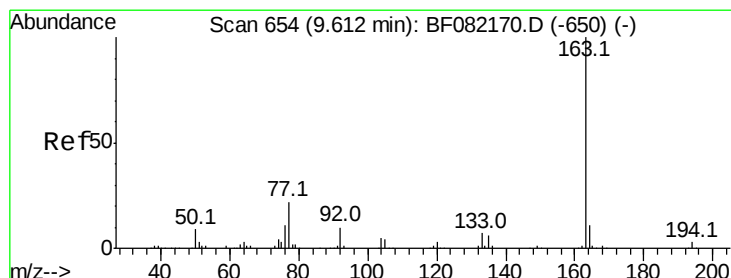
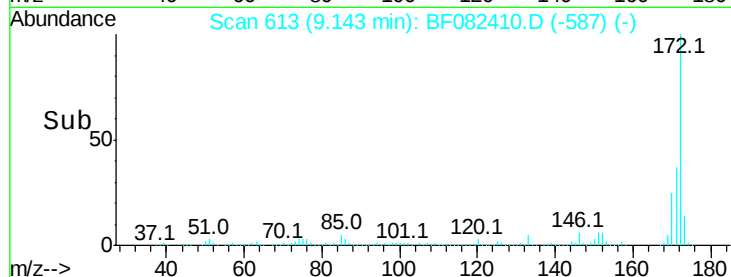
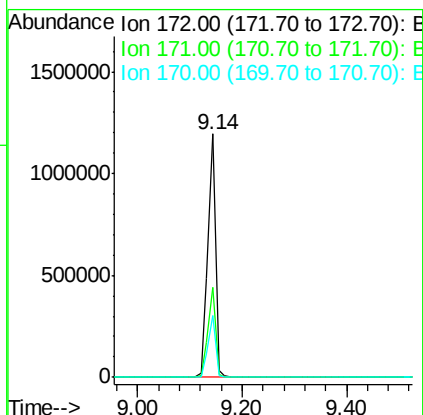
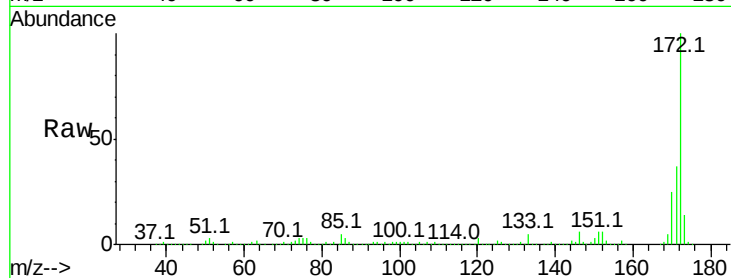




#44
2-Fluorobiphenyl
Concen: 90.69 ng
RT: 9.14 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

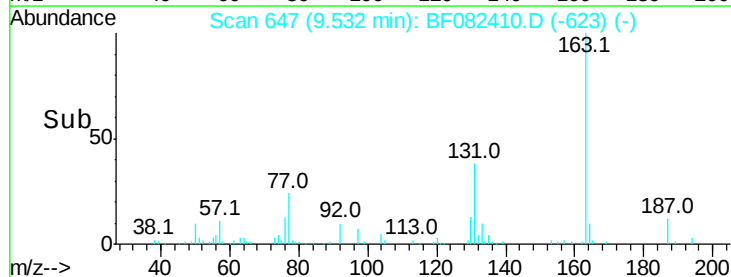
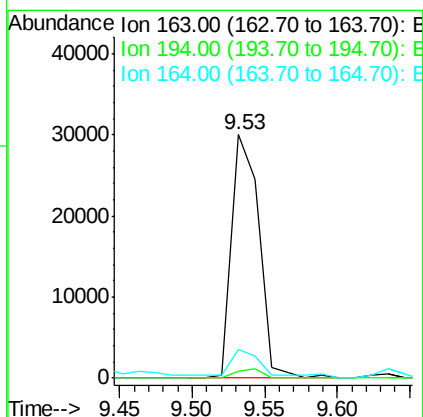
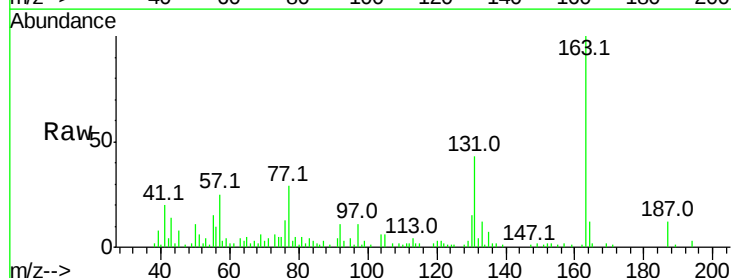
Instrument :
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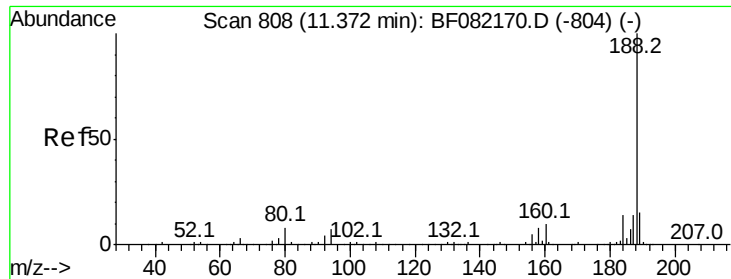
Tot Ion:172 Resp: 1215362
Ion Ratio Lower Upper
172 100
171 37.2 28.6 42.8
170 25.2 19.7 29.5



#49
Dimethylphthalate
Concen: 2.51 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

Tgt Ion:163 Resp: 39250
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.7 8.5 12.7

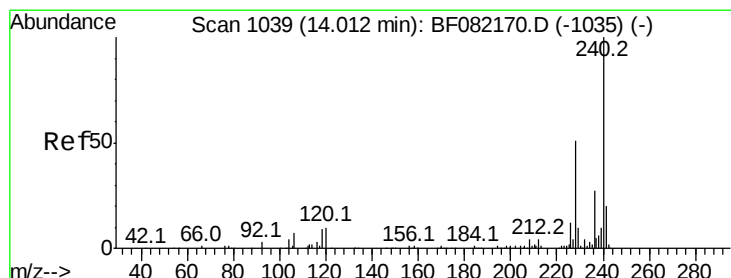
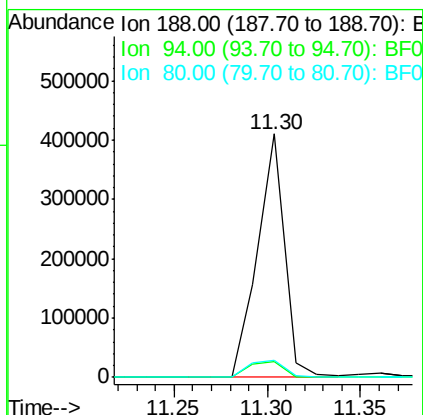
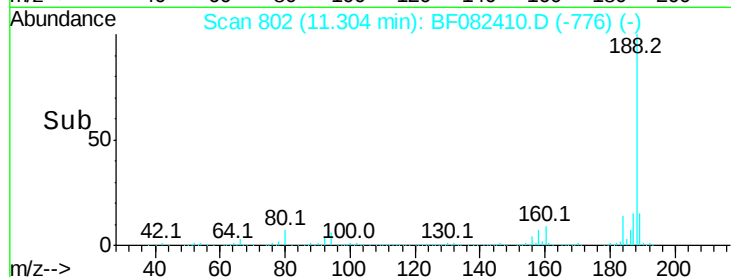
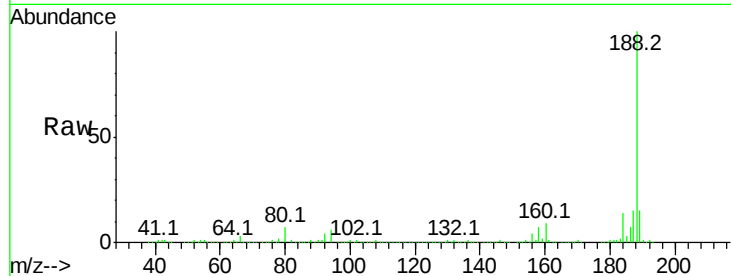




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

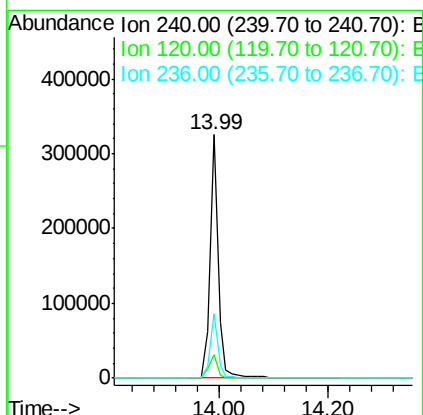
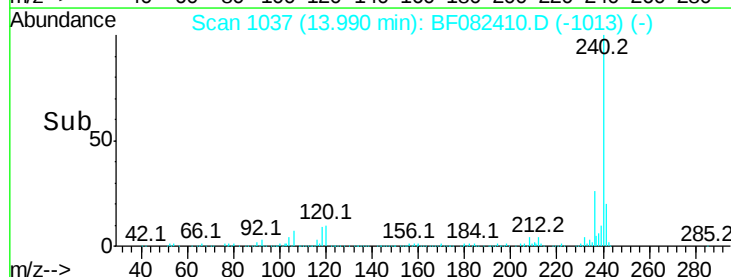
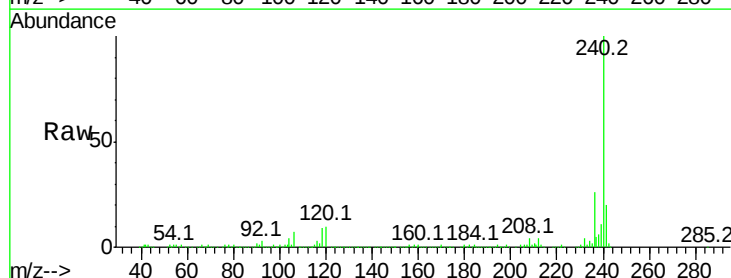
Instrument :
BNA_F
ClientSampled :
TEC-11

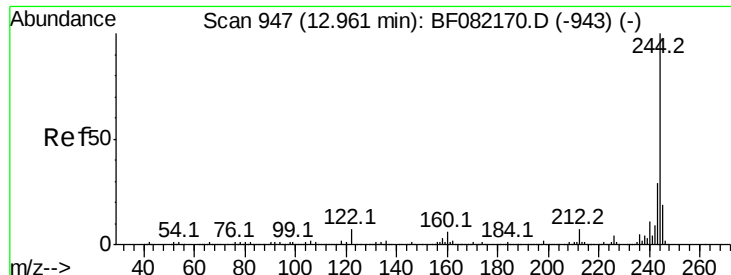
Tot Ion:188 Resp: 411568
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.6
80 6.9 6.4 9.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF082410.D
Acq: 21 Oct 2015 18:03

Tgt Ion:240 Resp: 344293
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.3 21.3 31.9





#78

Terphenyl-d14

Concen: 84.64 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Instrument :

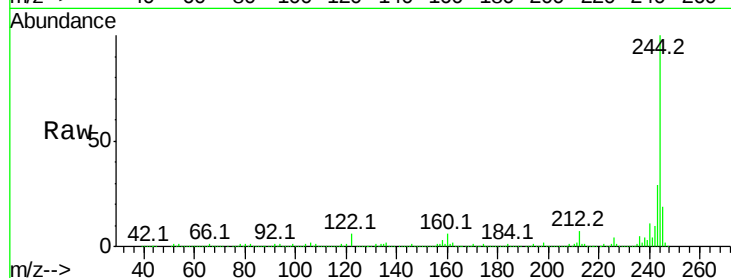
BNA_F

ClientSampleId :

TEC-11

Tot Ion:244 Resp: 1099747

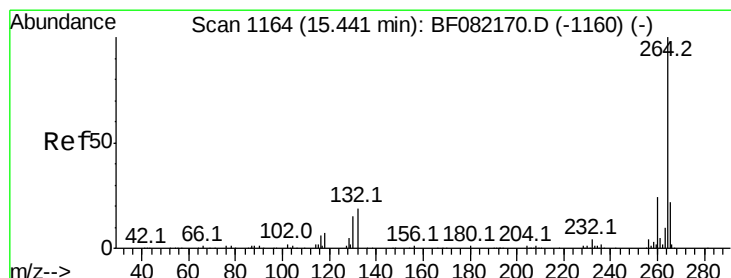
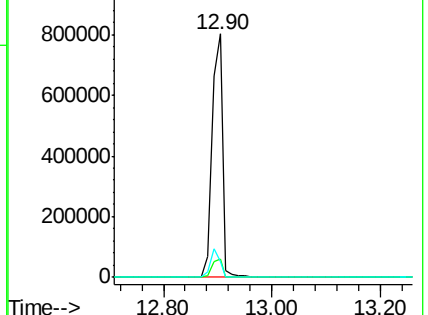
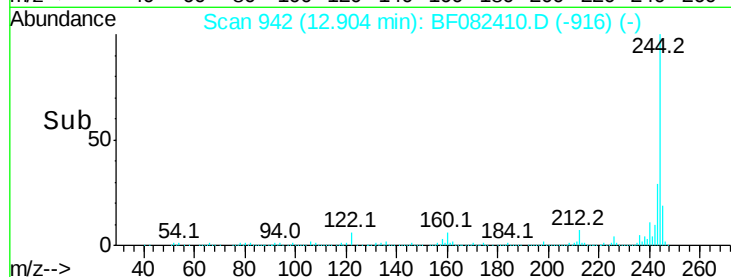
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.5	5.9	8.9



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: 15.51 min Scan# 1170

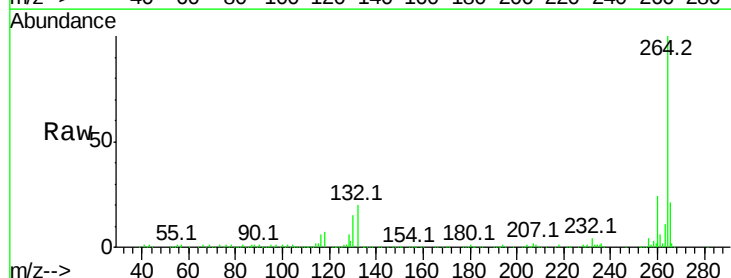
Delta R.T. -0.02 min

Lab File: BF082410.D

Acq: 21 Oct 2015 18:03

Tgt Ion:264 Resp: 242840

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9



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

