

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082419.D
 Acq On : 21 Oct 2015 22:22
 Operator : UM/IZ
 Sample : G4071-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Quant Time: Oct 22 10:51:17 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	114496	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	442047	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	217870	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	439581	20.00	ng	0.00
75) Chrysene-d12	13.97	240	369742	20.00	ng	-0.05
86) Perylene-d12	15.46	264	267056	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	652179	114.96	ng	0.01
7) Phenol-d6	6.41	99	752486	101.93	ng	-0.01
23) Nitrobenzene-d5	7.34	82	561885	85.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	225244	110.24	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1293998	98.50	ng	0.00
78) Terphenyl-d14	12.89	244	1093265	78.35	ng	-0.01

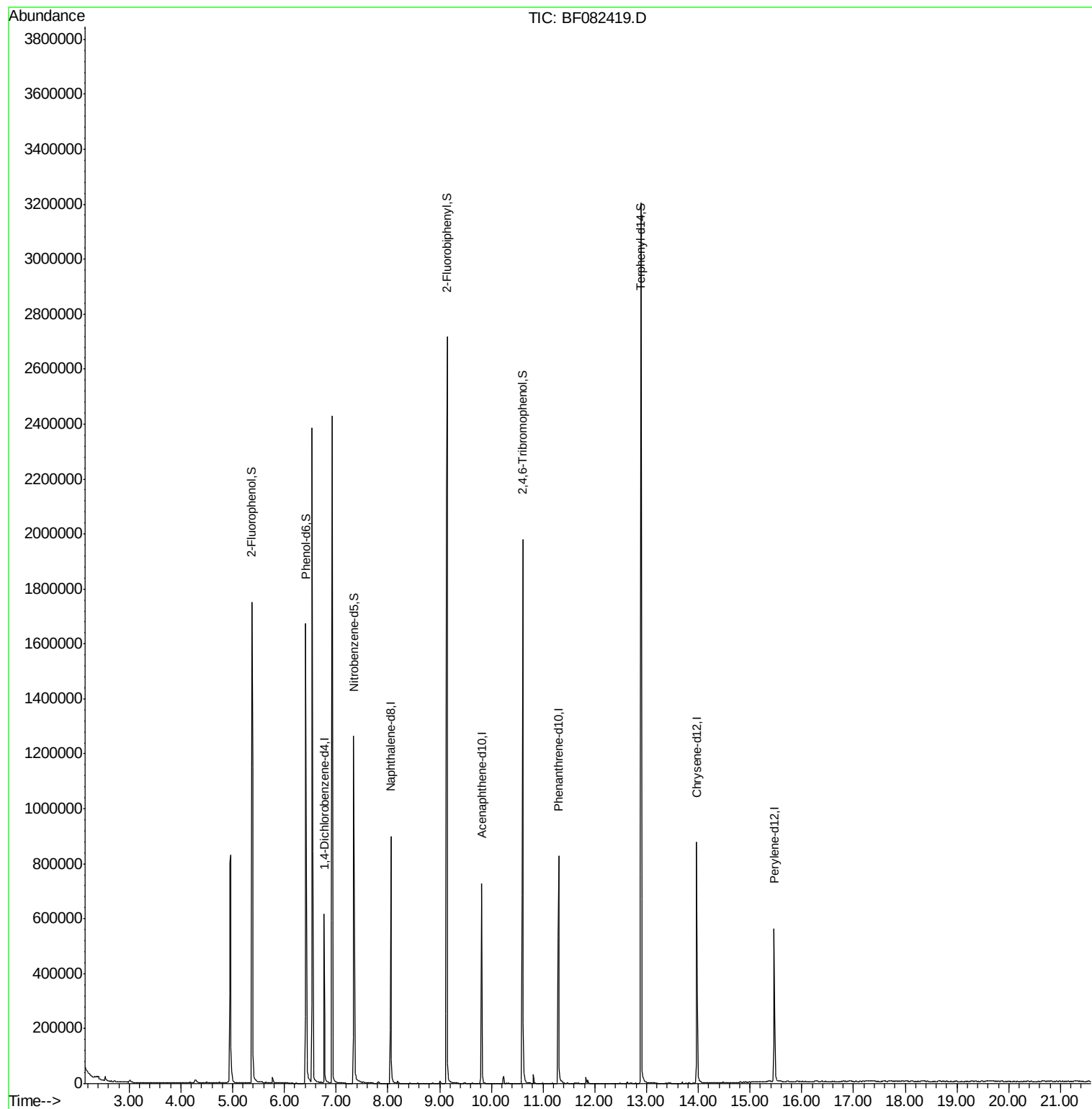
Target Compounds Qvalue

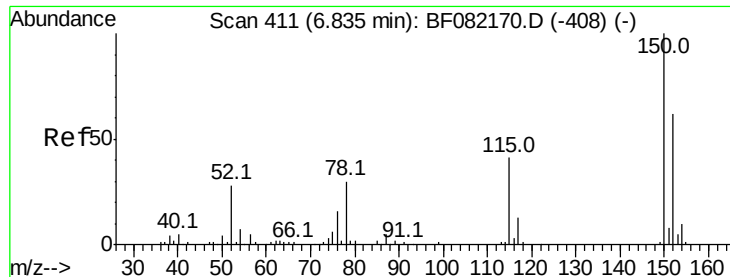
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

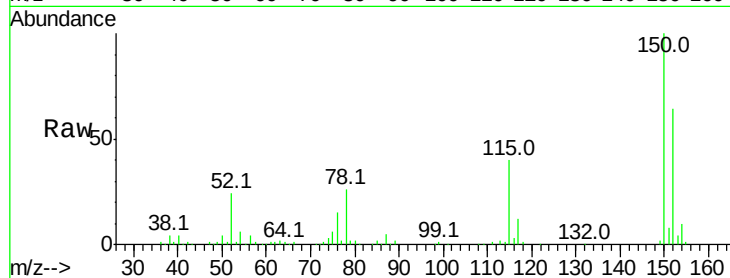
Tot Ion:152 Resp: 114496

Ion Ratio Lower Upper

152 100

150 157.3 129.0 193.4

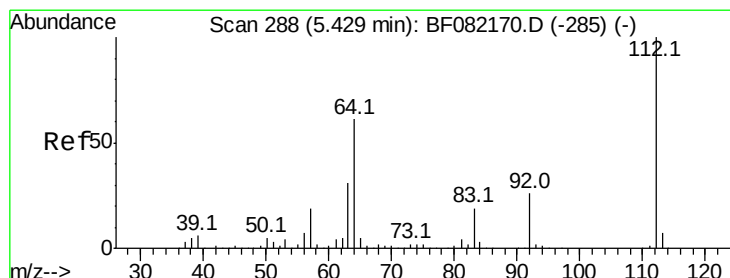
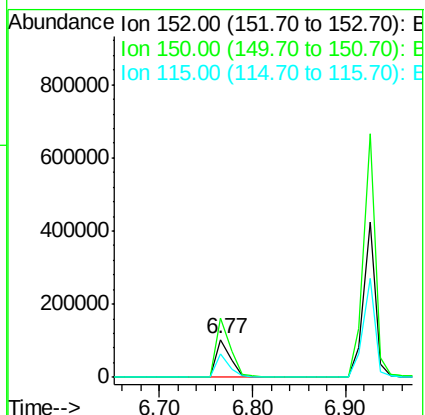
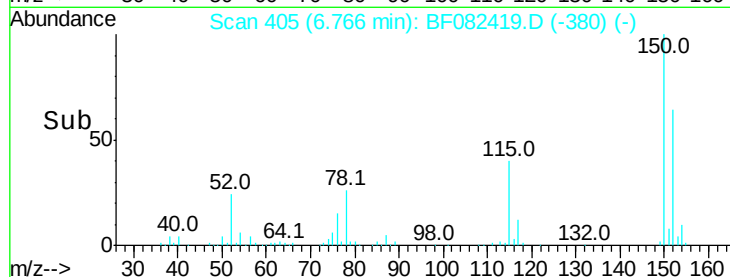
115 62.6 52.1 78.1



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: 114.96 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

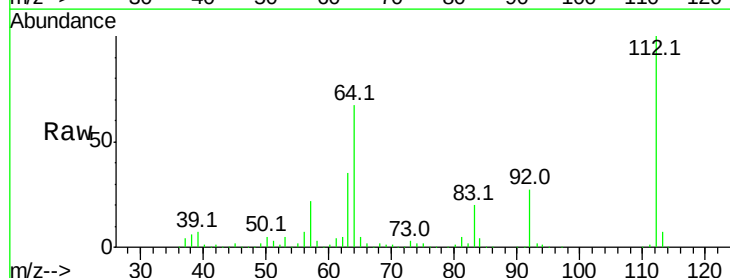
Tgt Ion:112 Resp: 652179

Ion Ratio Lower Upper

112 100

64 67.4 48.6 73.0

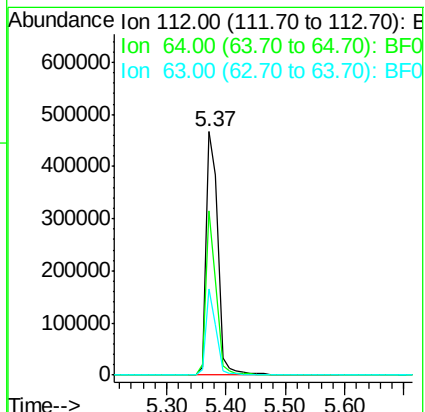
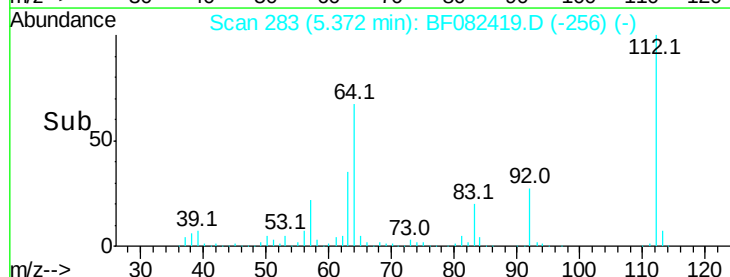
63 35.4 25.1 37.7

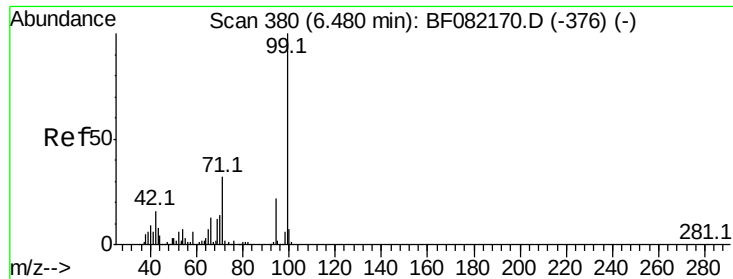


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.93 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

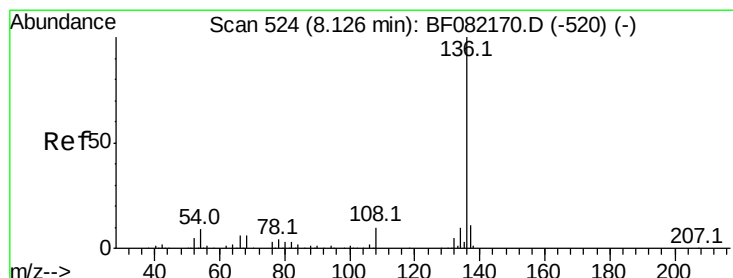
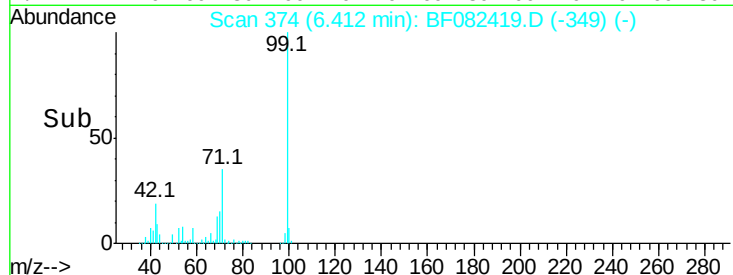
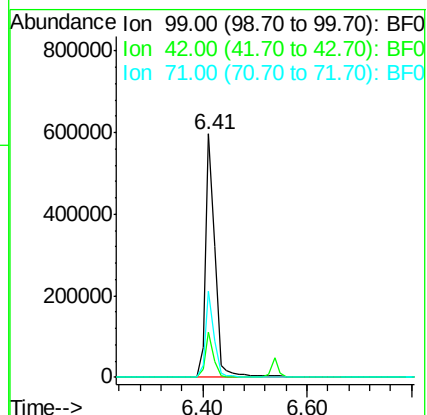
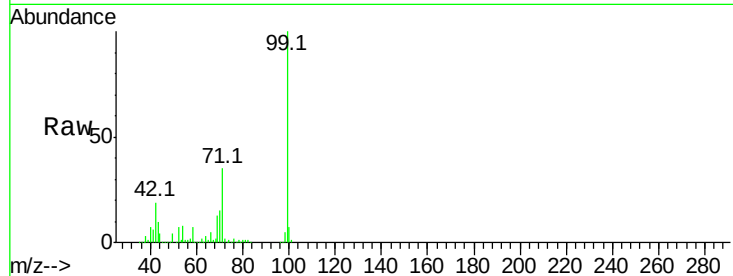
Tot Ion: 99 Resp: 752486

Ion Ratio Lower Upper

99 100

42 18.8 13.2 19.8

71 35.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Tgt Ion: 136 Resp: 442047

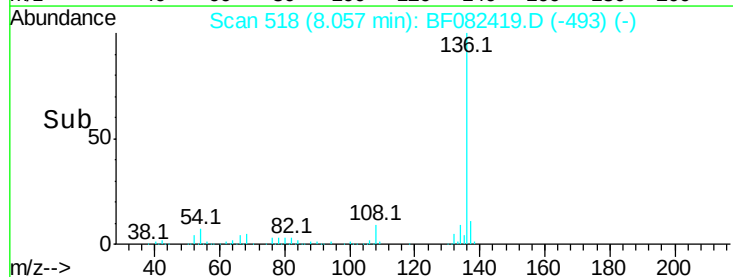
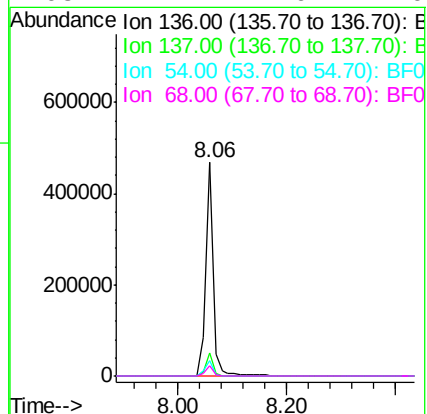
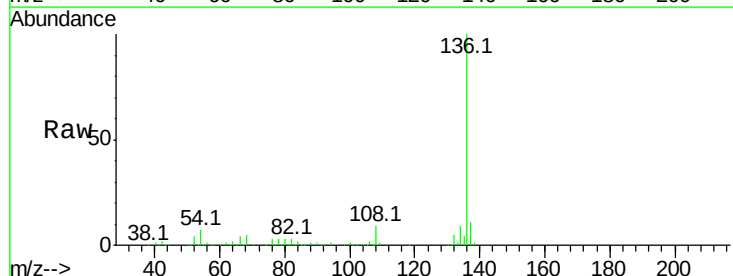
Ion Ratio Lower Upper

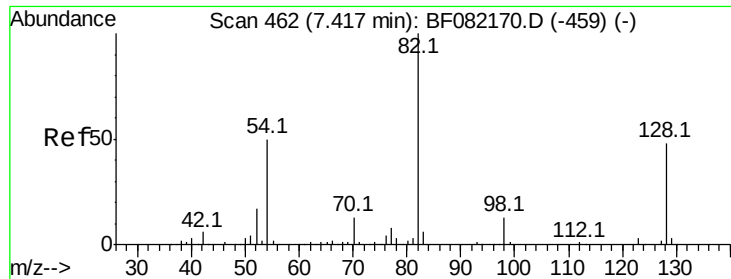
136 100

137 10.9 9.0 13.6

54 7.2 7.5 11.3#

68 4.7 4.6 7.0

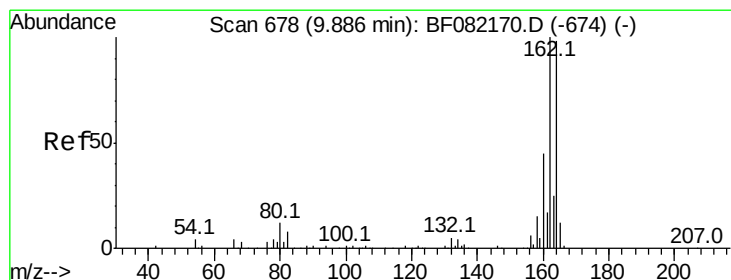
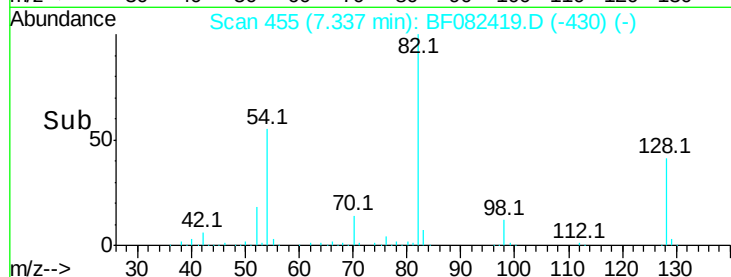
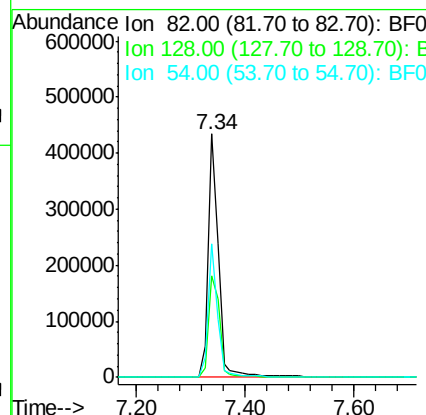
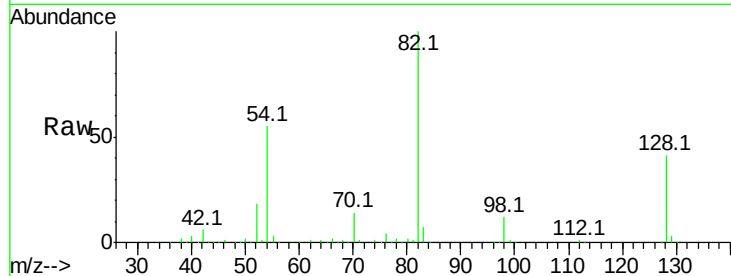




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

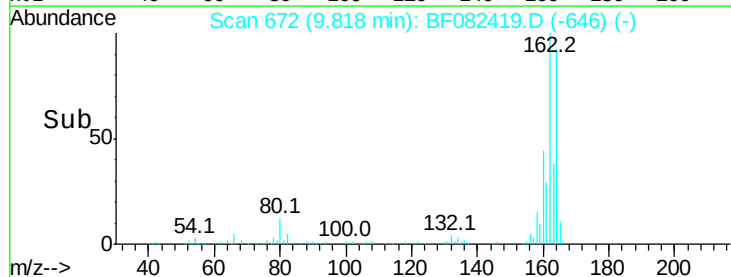
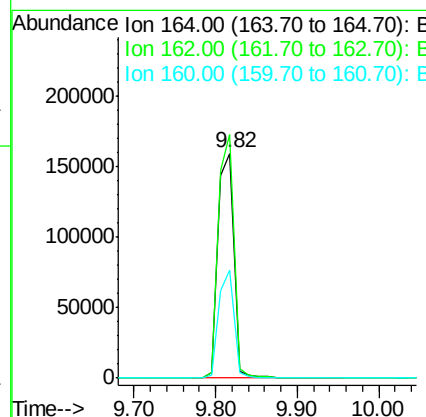
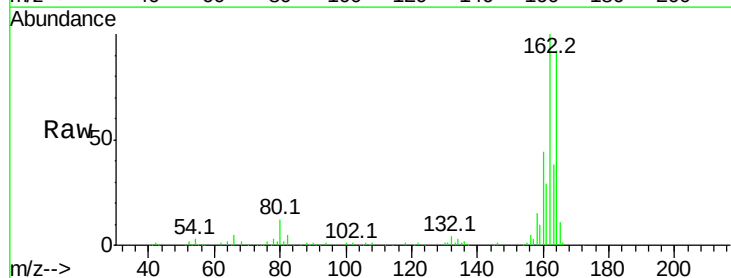
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

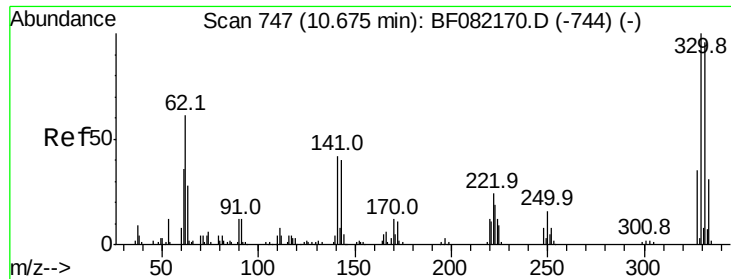
Tot Ion	82	Resp	561885
Ion Ratio	100	Lower	Upper
128	41.5	38.7	58.1
54	54.7	40.1	60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Tgt Ion	164	Resp	217870
Ion Ratio	100	Lower	Upper
162	108.4	81.6	122.4
160	47.9	36.4	54.6

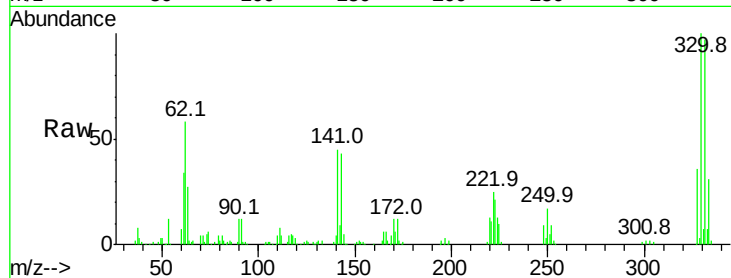




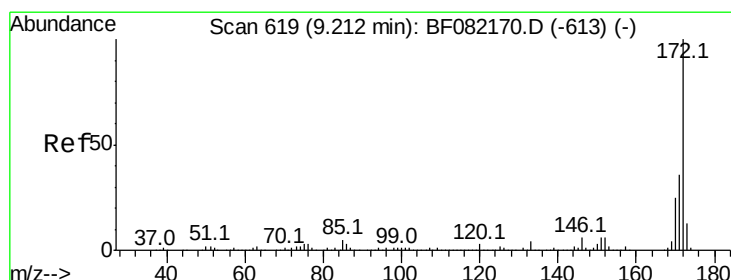
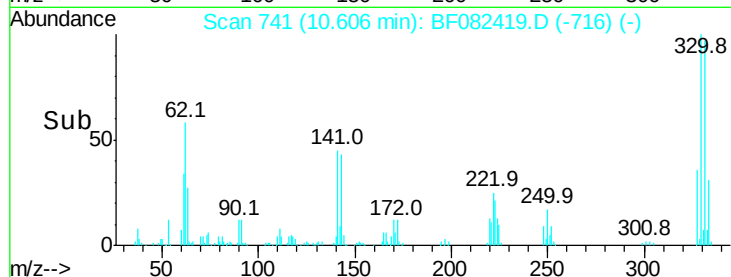
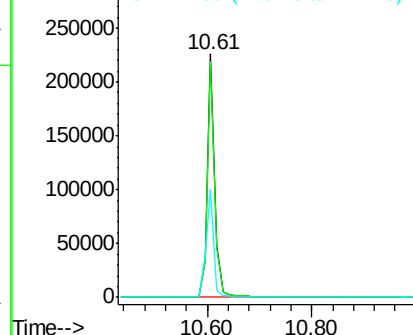
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Tot Ion:330 Resp: 225244
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 46.8 29.8 44.8#

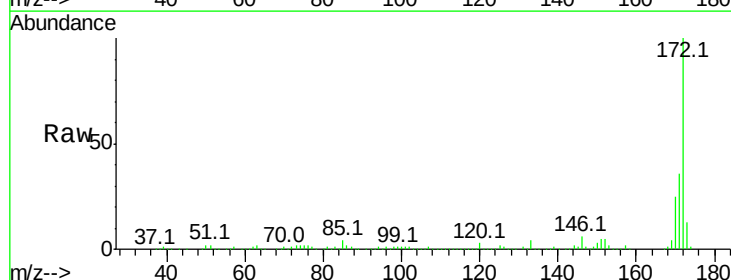


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

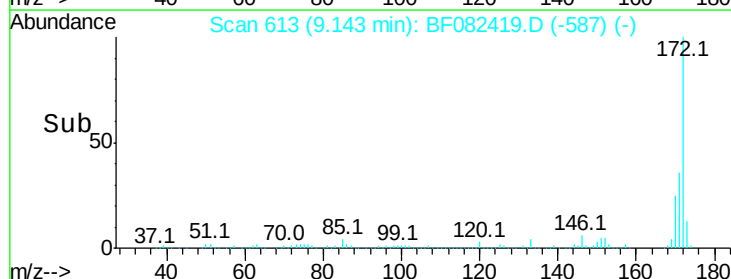
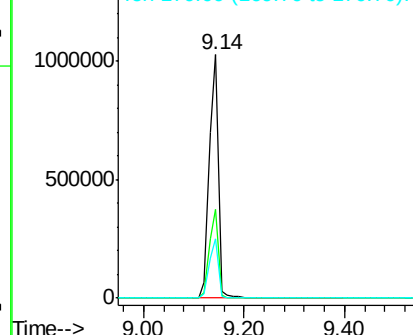


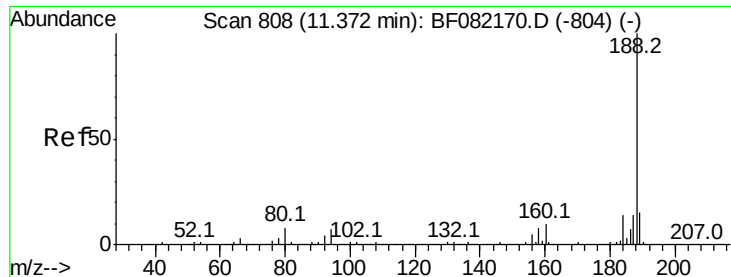
#44
 2-Fluorobiphenyl
 Concen: 98.50 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Tgt Ion:172 Resp: 1293998
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.5 19.7 29.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

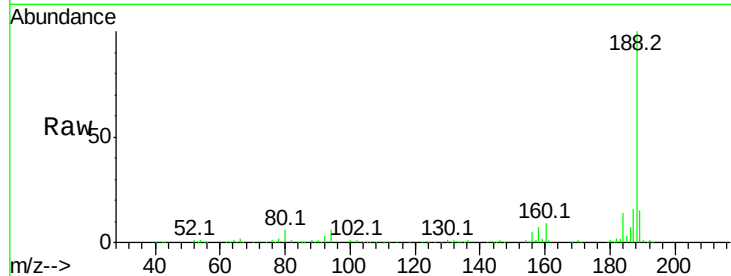
Tot Ion:188 Resp: 439581

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.6

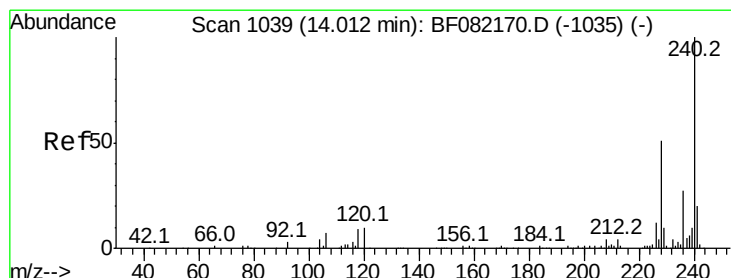
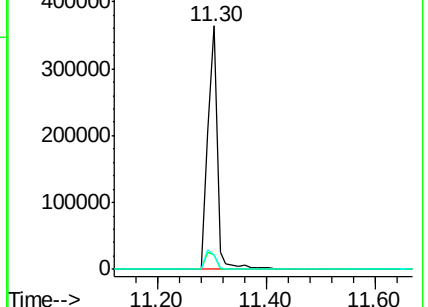
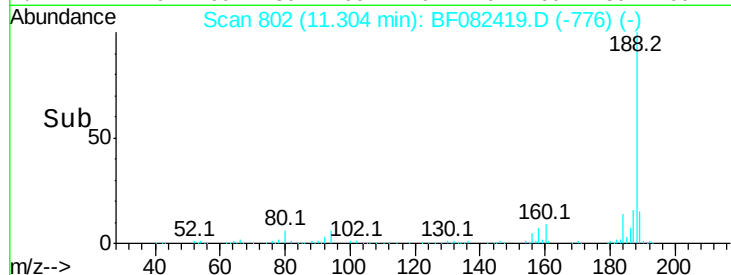
80 6.1 6.4 9.6#



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: 13.97 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

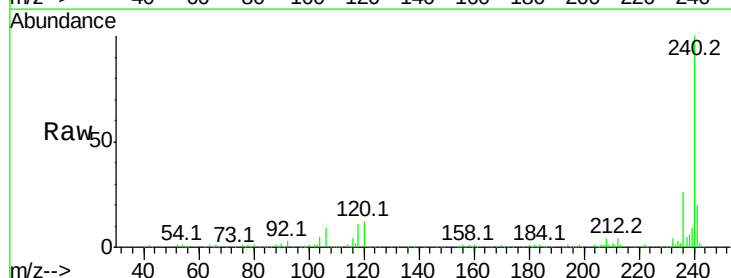
Tgt Ion:240 Resp: 369742

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

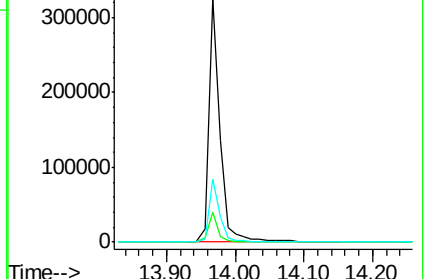
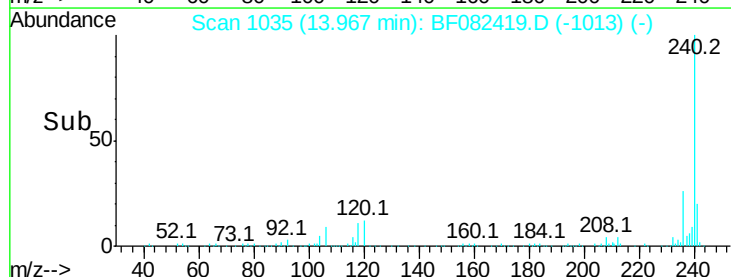
236 25.7 21.3 31.9

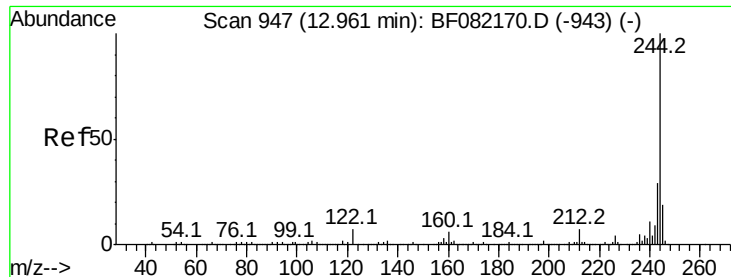


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.35 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

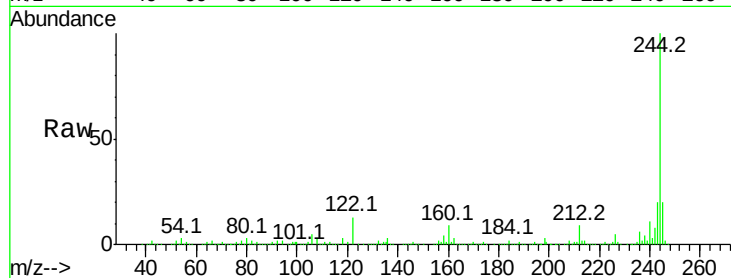
Tot Ion:244 Resp: 1093265

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

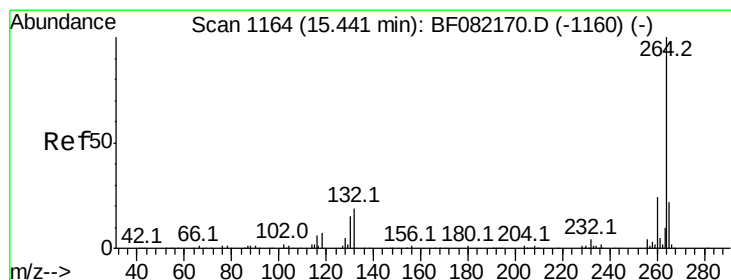
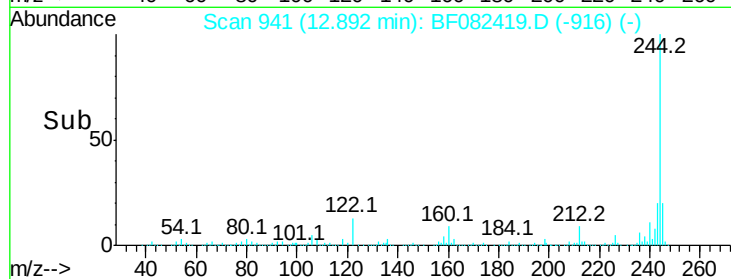
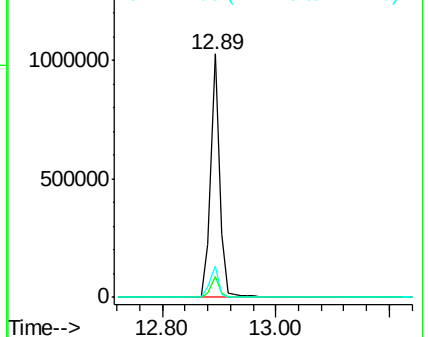
122 13.0 5.9 8.9#



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: 15.46 min Scan# 1166

Delta R.T. -0.07 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

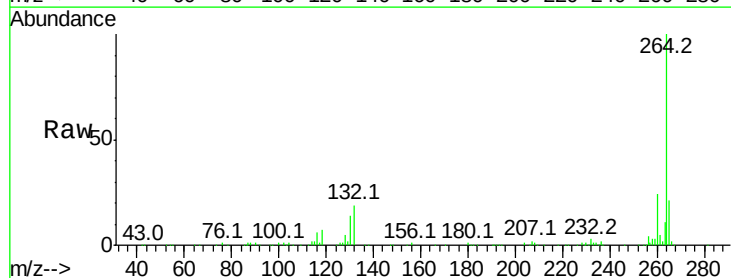
Tgt Ion:264 Resp: 267056

Ion Ratio Lower Upper

264 100

260 24.4 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

