

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086543.D
 Acq On : 1 May 2016 1:26
 Operator : UM/SJ
 Sample : H2720-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13D24

Quant Time: May 02 01:10:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

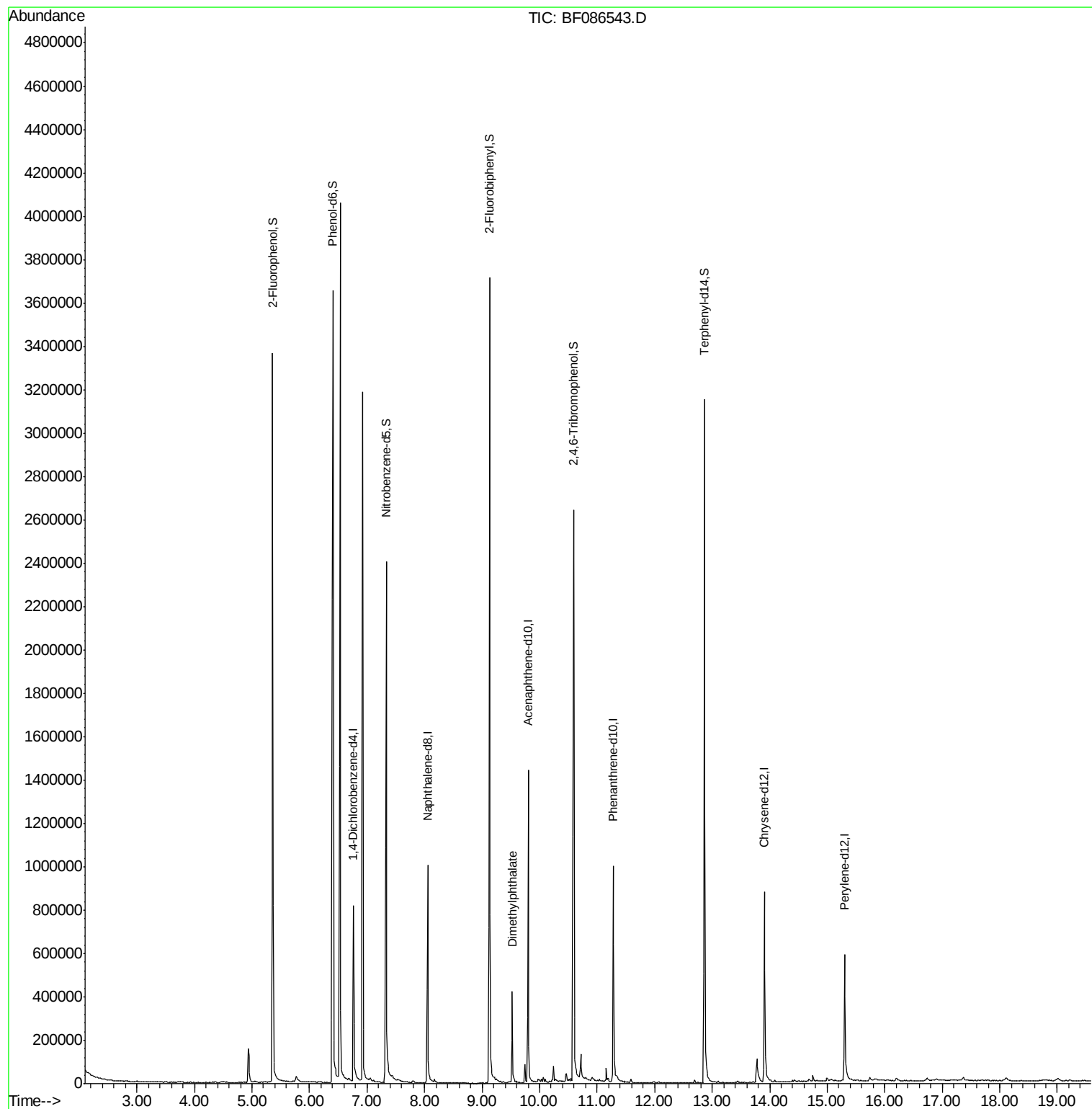
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	129317	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	561537	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	283023	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	531701	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	431179	20.00	ng	-0.06
86) Perylene-d12	15.30	264	325035	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	935890	124.83	ng	-0.03
7) Phenol-d6	6.41	99	1486381	142.05	ng	-0.03
23) Nitrobenzene-d5	7.33	82	943645	90.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	354265	118.69	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1247730	75.18	ng	-0.05
78) Terphenyl-d14	12.87	244	1174498	60.01	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	210268	9.87	ng	99

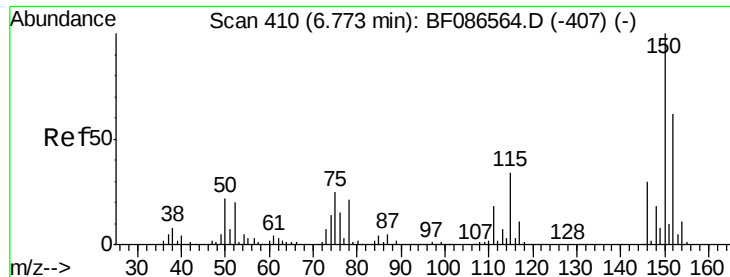
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

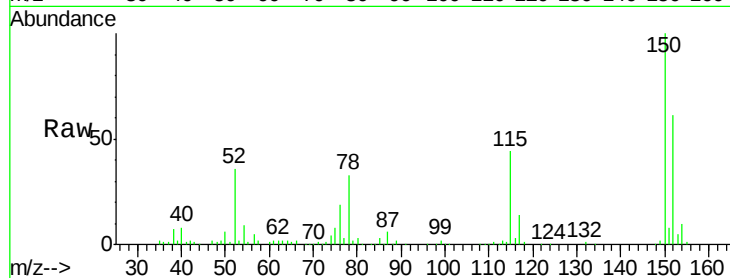
Tot Ion:152 Resp: 129317

Ion Ratio Lower Upper

152 100

150 162.6 125.8 188.6

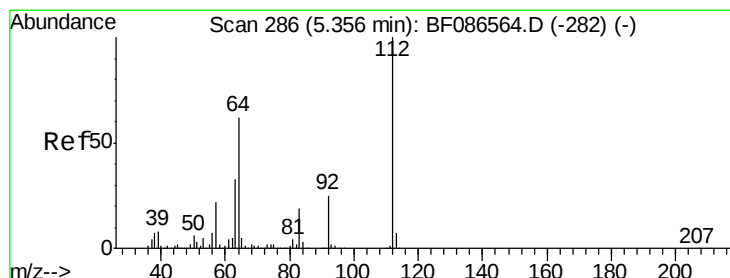
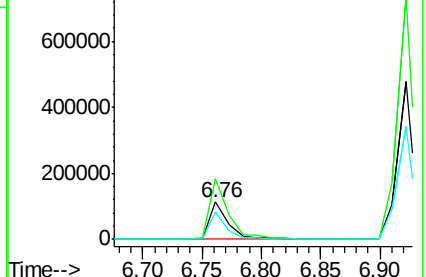
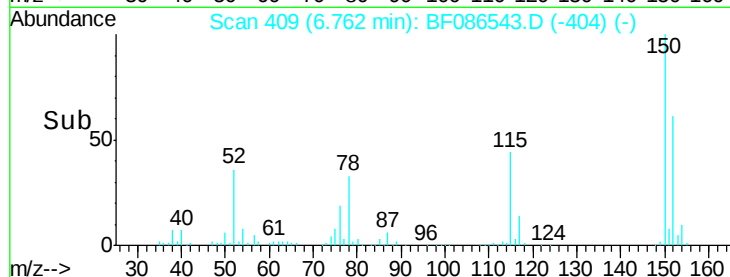
115 71.5 51.5 77.3



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: 124.83 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

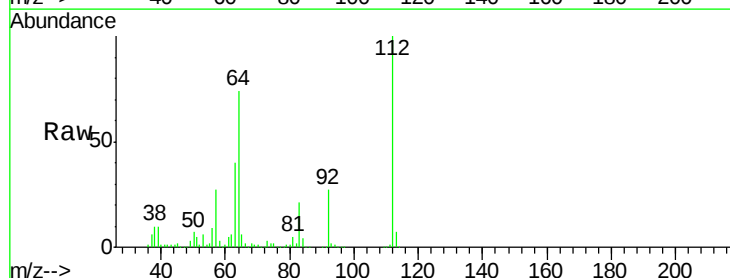
Tgt Ion:112 Resp: 935890

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

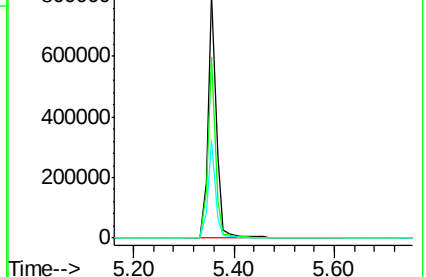
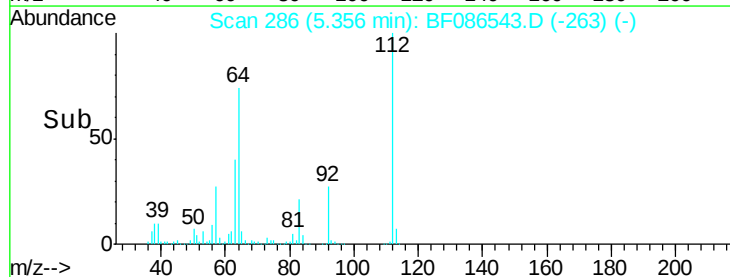
63 39.9 25.7 38.5#



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: 142.05 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

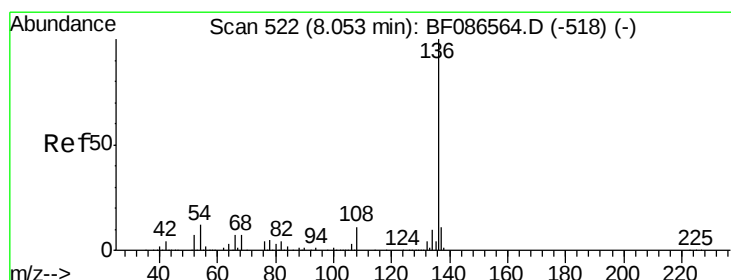
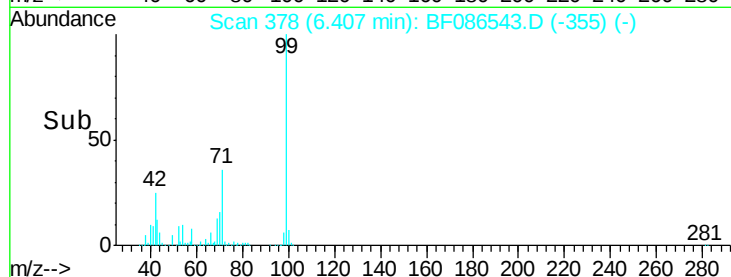
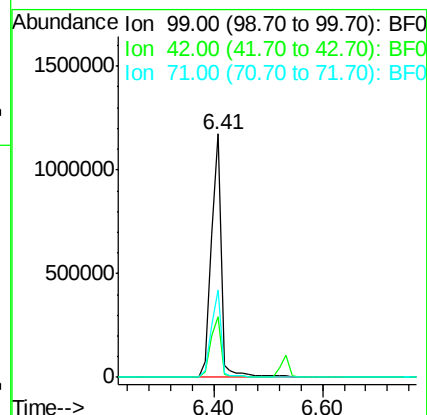
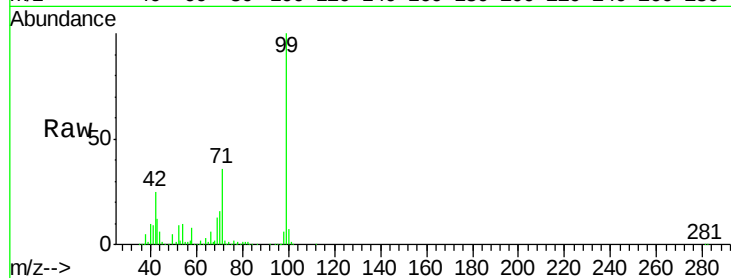
Tot Ion: 99 Resp: 1486381

Ion Ratio Lower Upper

99 100

42 25.1 13.6 20.4#

71 35.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Tgt Ion: 136 Resp: 561537

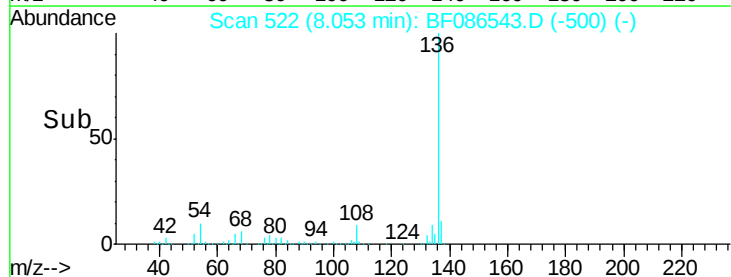
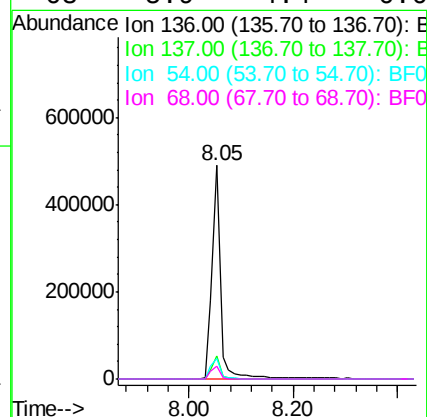
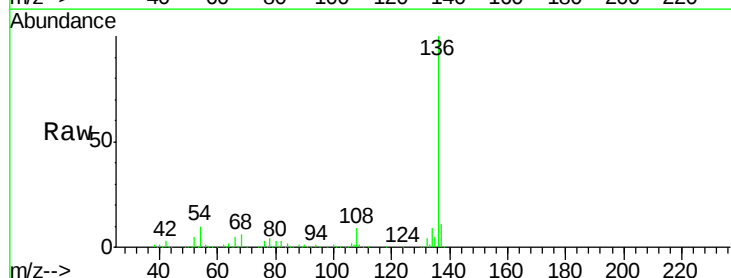
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.9 5.0 7.4#

68 5.9 4.4 6.6

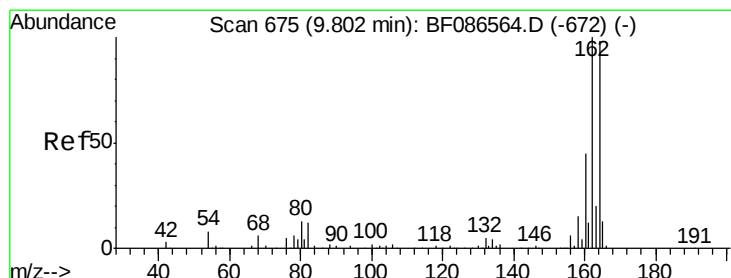
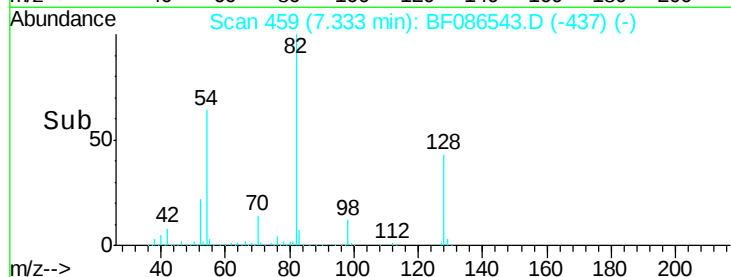
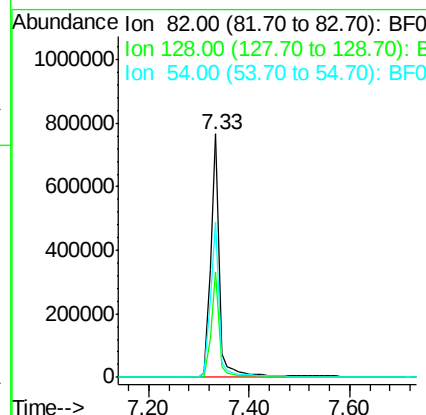
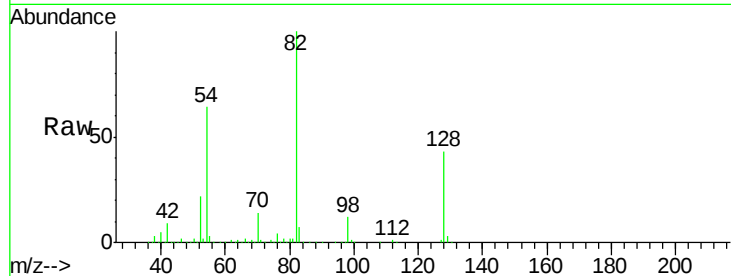




#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

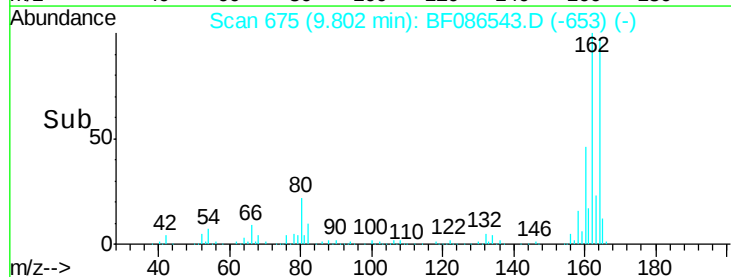
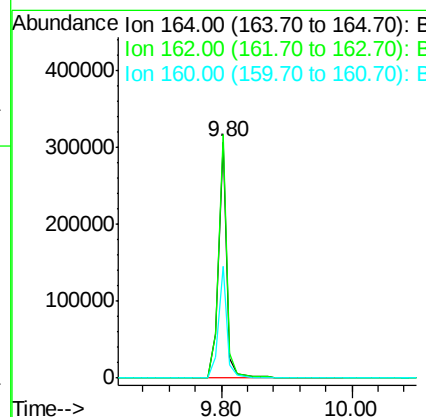
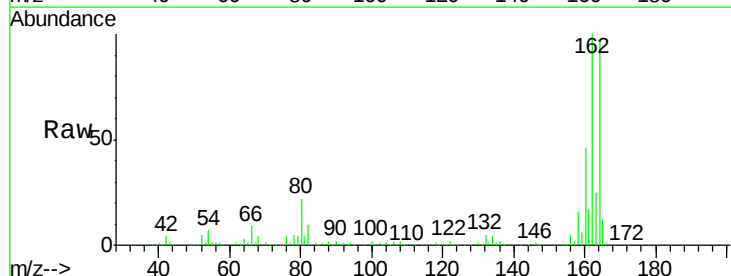
Instrument :
 BNA_F
 ClientSampleId :
 TP-13D24

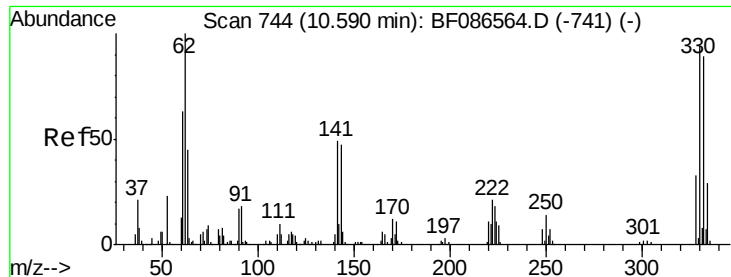
Tot Ion	82	Resp	943645
Ion Ratio	Lower	Upper	
82	100		
128	43.1	40.6	61.0
54	64.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

Tgt Ion	164	Resp	283023
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.8	124.2
160	47.1	36.9	55.3

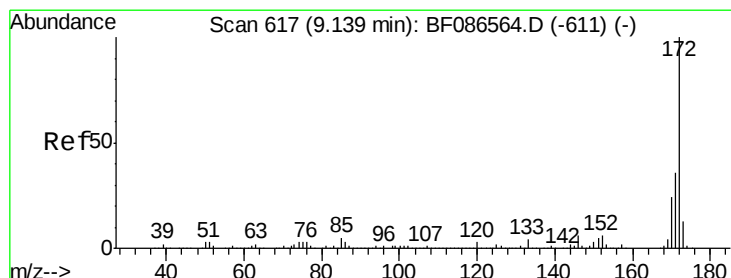
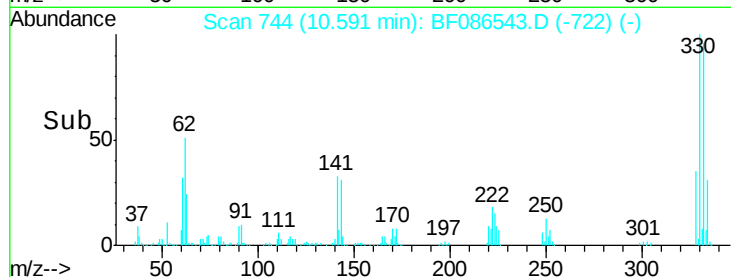
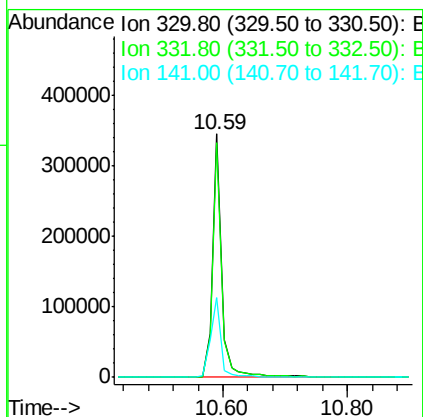
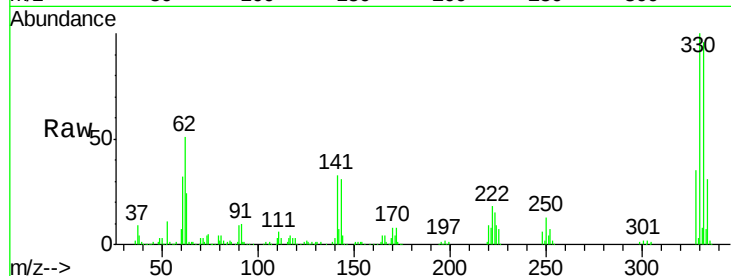




#41
 2,4,6-Tribromophenol
 Concen: 118.69 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

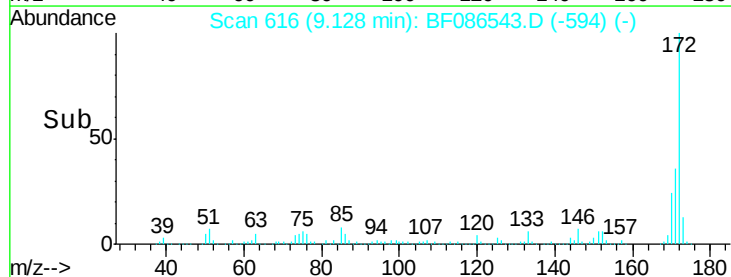
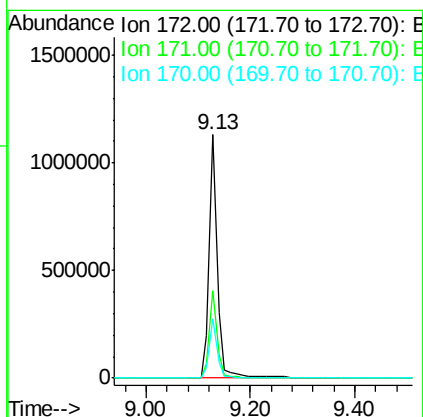
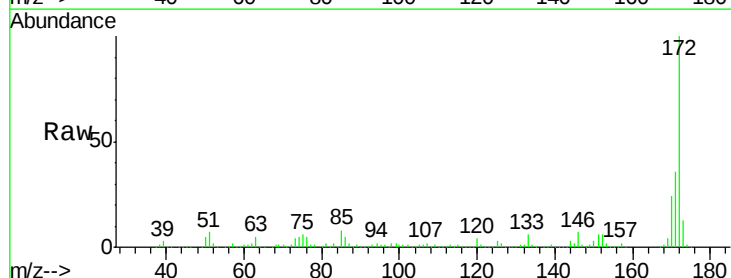
Instrument :
 BNA_F
 ClientSampleId :
 TP-13D24

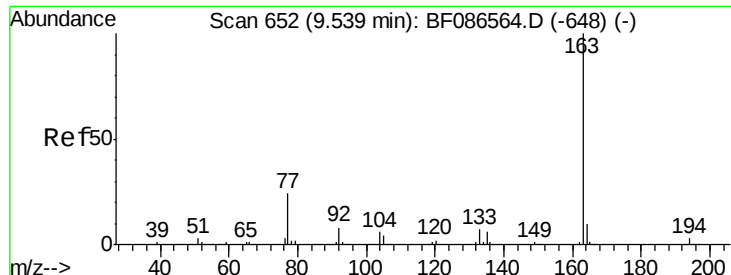
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	38.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 75.18 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 9.87 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampled :

TP-13D24

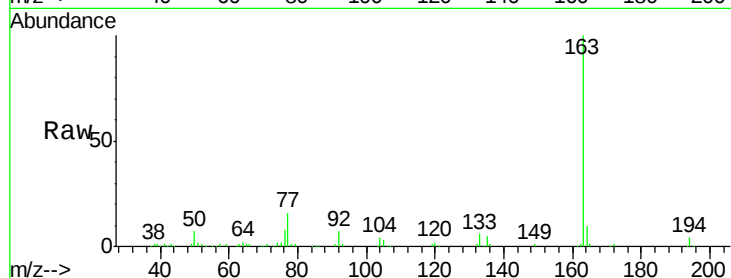
Tot Ion:163 Resp: 210268

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

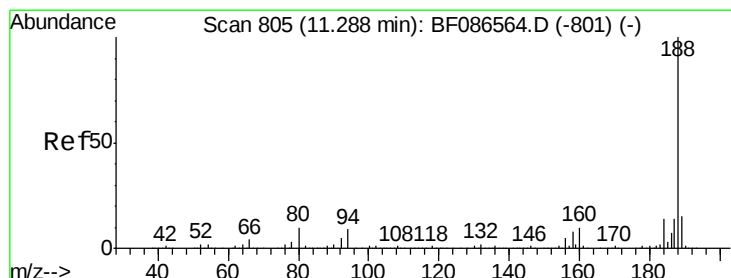
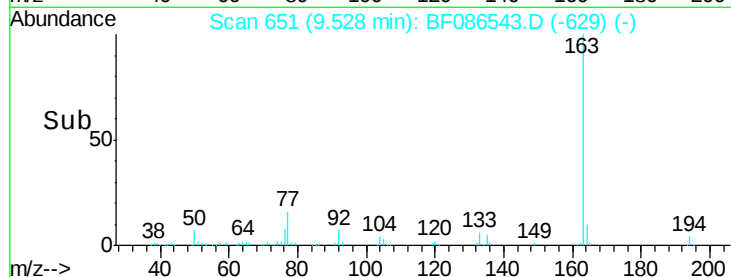
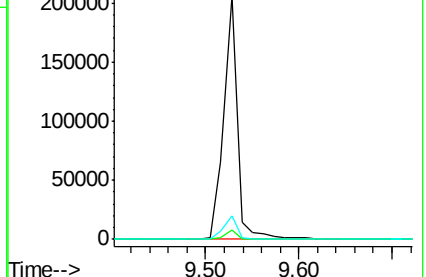
164 9.7 8.2 12.4



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: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

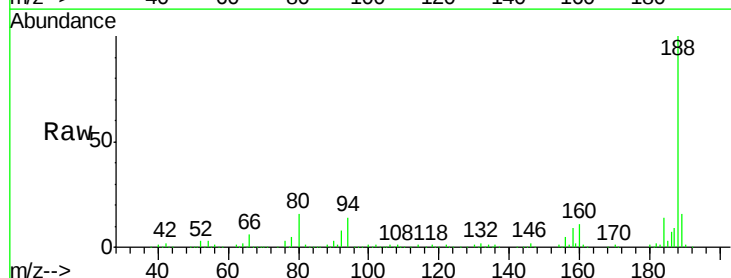
Tgt Ion:188 Resp: 531701

Ion Ratio Lower Upper

188 100

94 14.4 6.8 10.2#

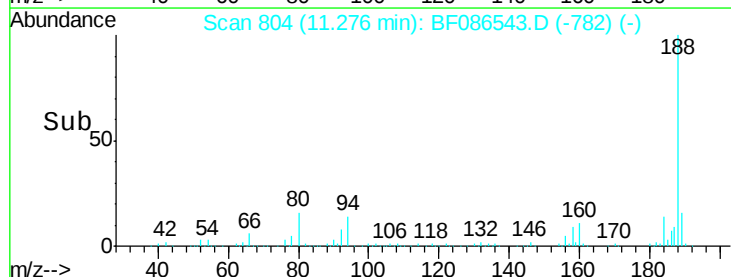
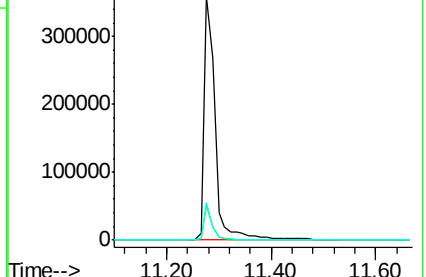
80 15.7 7.1 10.7#

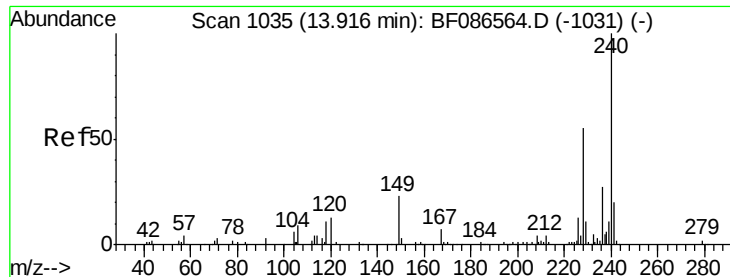


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

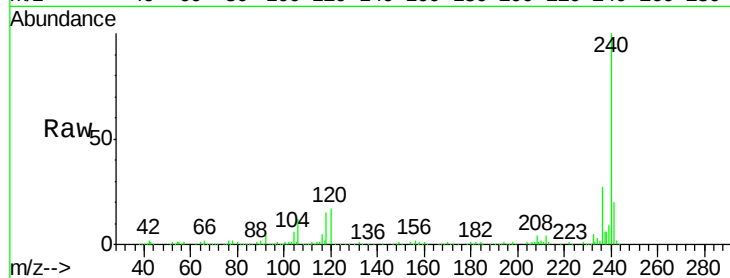
Tot Ion:240 Resp: 431179

Ion Ratio Lower Upper

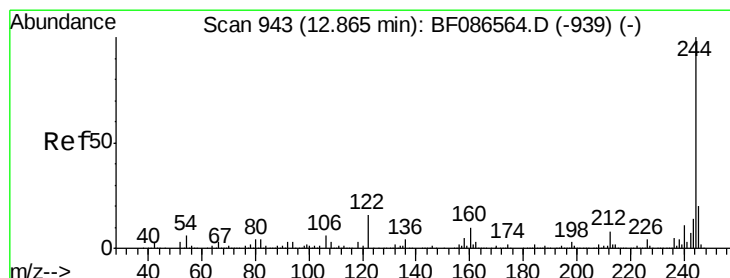
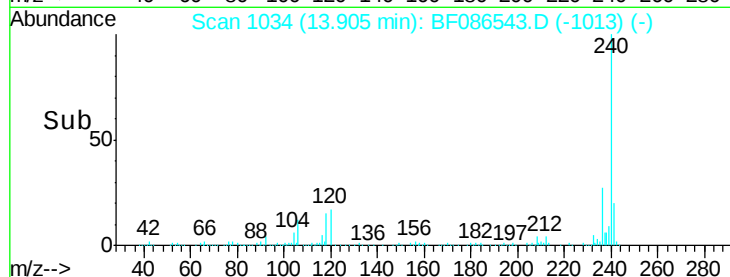
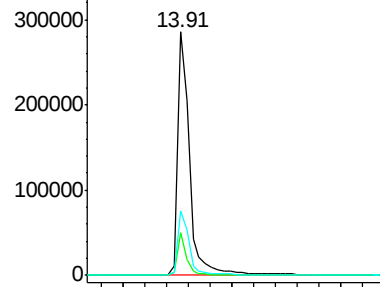
240 100

120 17.3 11.2 16.8#

236 26.6 21.2 31.8



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: 60.01 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

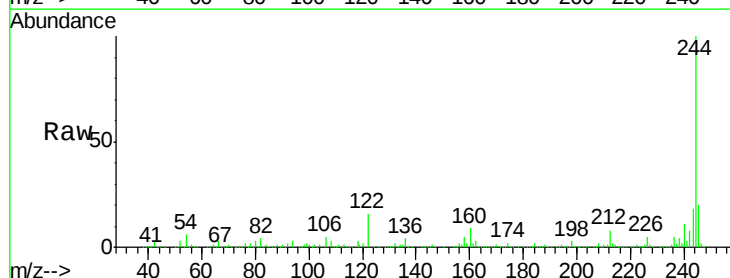
Tgt Ion:244 Resp: 1174498

Ion Ratio Lower Upper

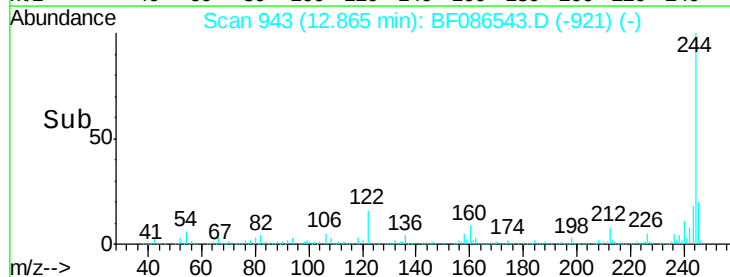
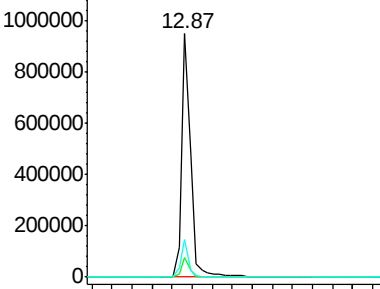
244 100

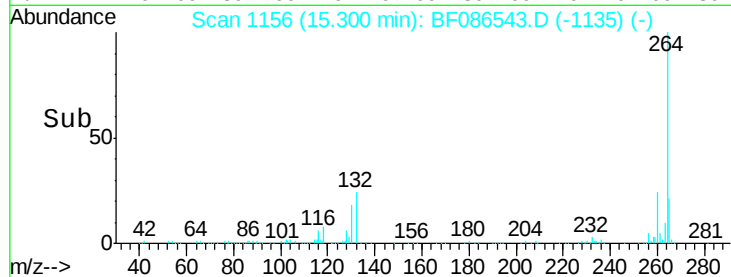
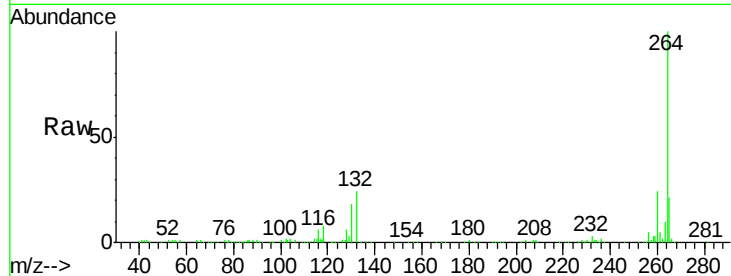
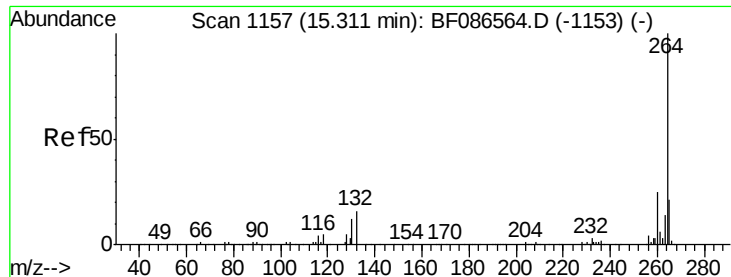
212 7.9 6.2 9.2

122 15.6 12.0 18.0



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: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

Tot Ion:264 Resp: 325035

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.4 17.3 25.9

