

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084336.D
 Acq On : 8 Jan 2016 19:06
 Operator : SJ/UM
 Sample : H1011-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-21

Quant Time: Jan 09 04:18:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

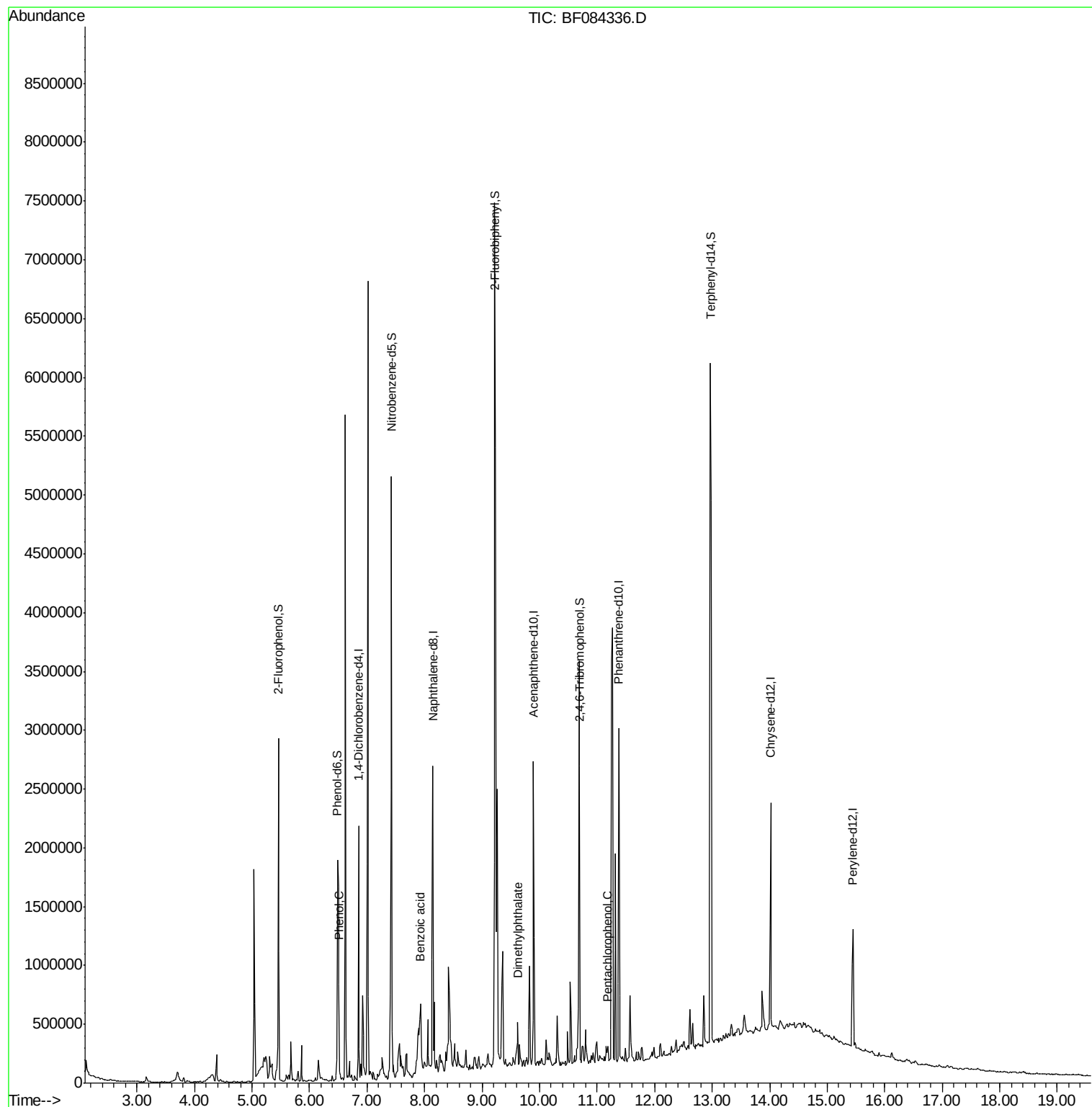
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	283880	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1244823	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	530517	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	960520	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	750904	20.00	ng	-0.05
86) Perylene-d12	15.45	264	519552	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	820321	46.74	ng	-0.03
7) Phenol-d6	6.49	99	681204	30.90	ng	-0.05
23) Nitrobenzene-d5	7.42	82	1843401	82.42	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	588155	109.81	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3145867	105.87	ng	-0.05
78) Terphenyl-d14	12.97	244	2612382	77.66	ng	-0.05
Target Compounds						
10) Phenol	6.51	94	300969	12.01	ng	# 75
32) Benzoic acid	7.93	122	314009	26.56	ng	96
49) Dimethylphthalate	9.62	163	152565	4.02	ng	# 91
69) Pentachlorophenol	11.18	266	13013	2.16	ng	95

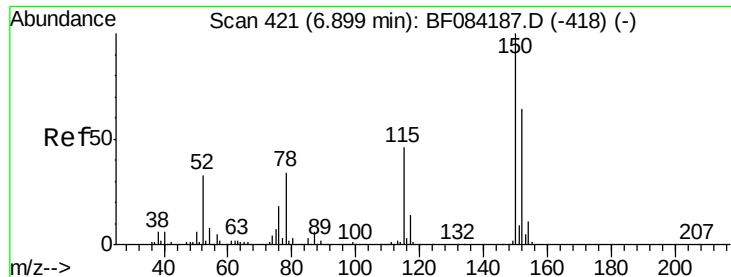
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



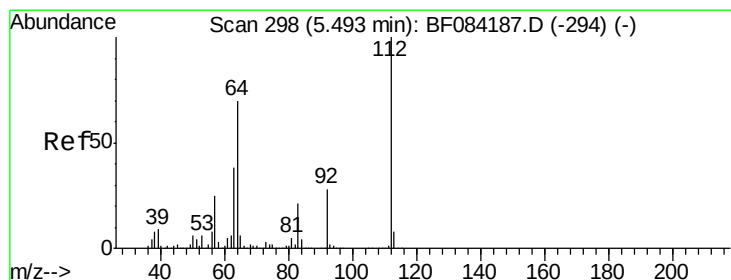
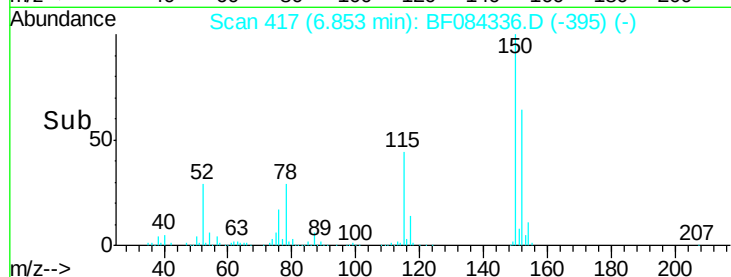
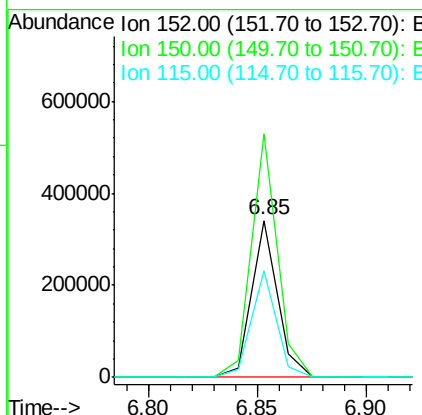
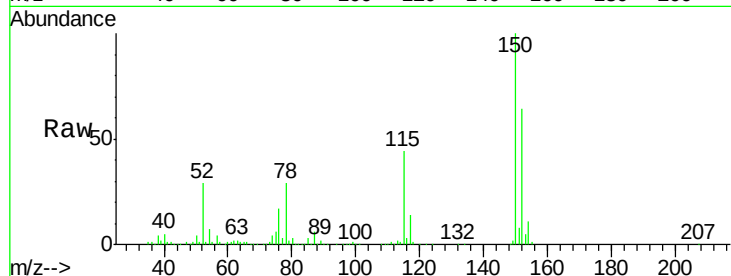


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084336.D
Acq: 8 Jan 2016 19:06

Instrument :
BNA_F
ClientSampleId :
TEC-21

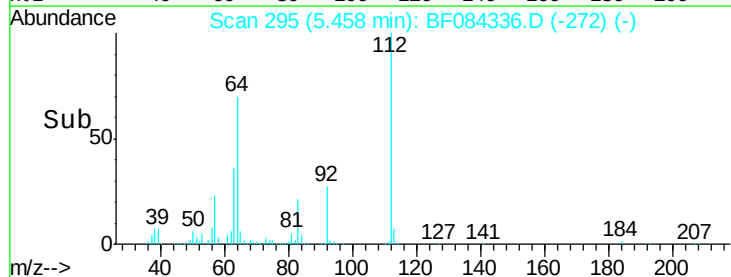
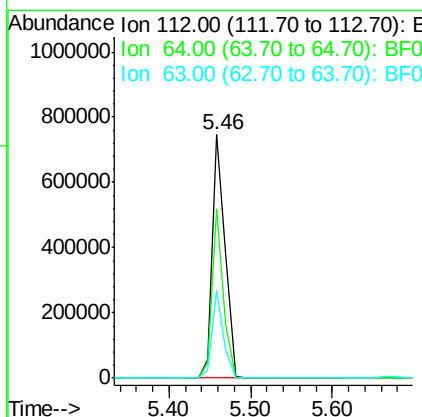
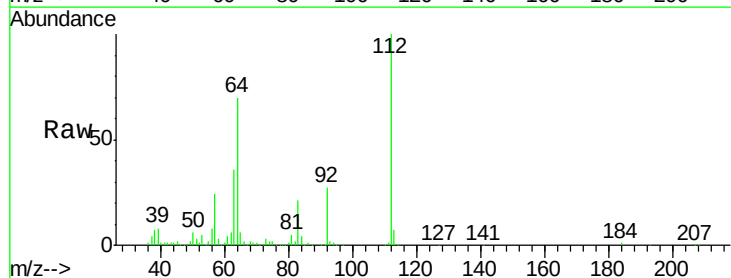
Tgt Ion:152 Resp: 283880
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.4
115 68.3 51.4 77.2

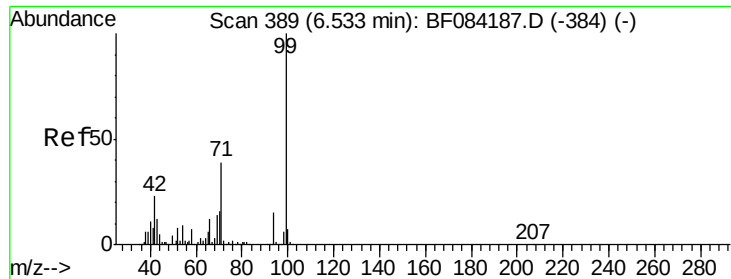


#5

2-Fluorophenol
Concen: 46.74 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084336.D
Acq: 8 Jan 2016 19:06

Tgt Ion:112 Resp: 820321
Ion Ratio Lower Upper
112 100
64 69.8 36.6 55.0#
63 36.0 19.4 29.0#





#7

Phenol-d6

Concen: 30.90 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TEC-21

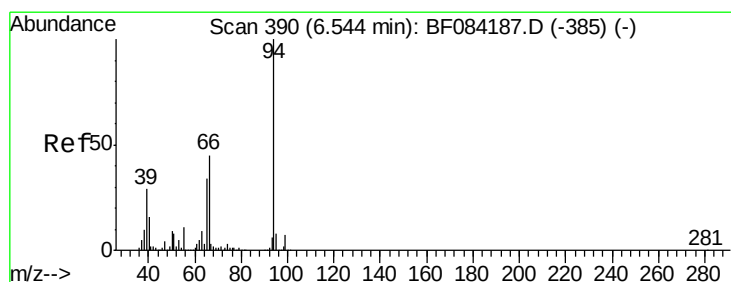
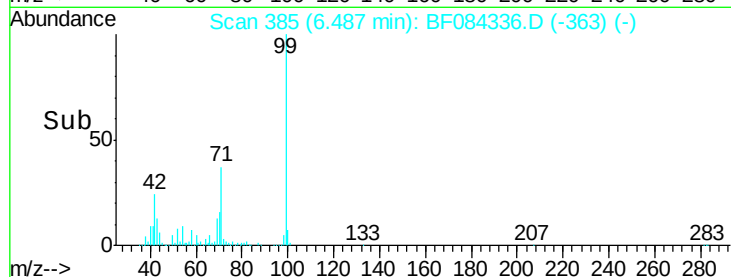
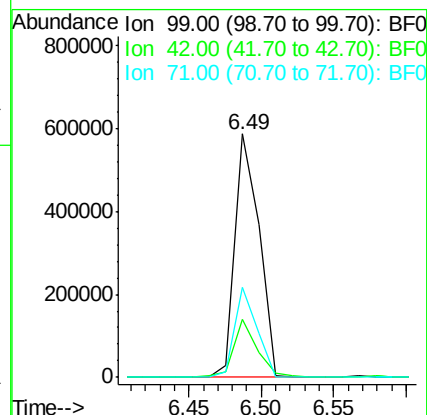
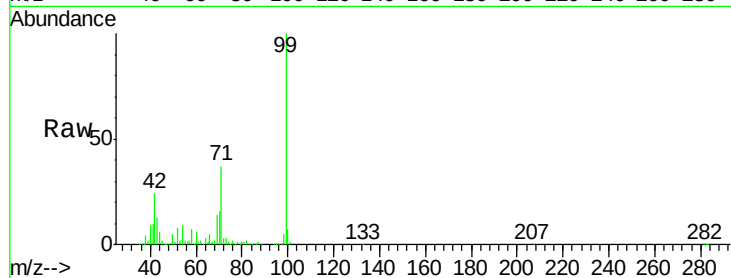
Tgt Ion: 99 Resp: 681204

Ion Ratio Lower Upper

99 100

42 23.8 12.8 19.2#

71 37.2 30.9 46.3



#10

Phenol

Concen: 12.01 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

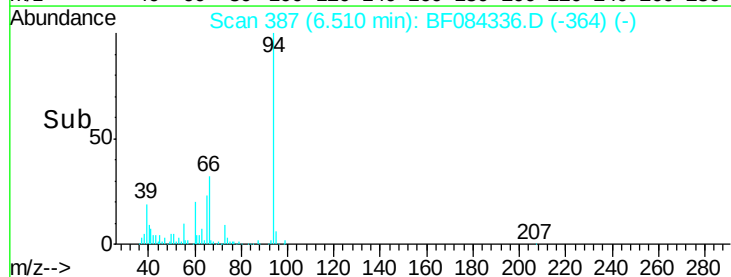
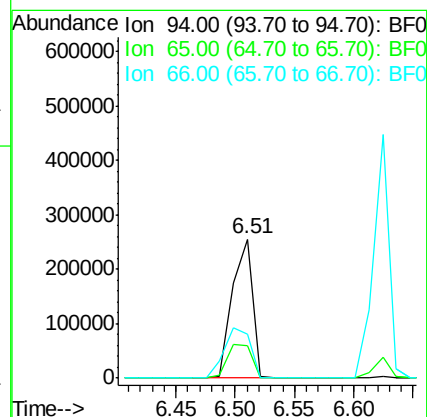
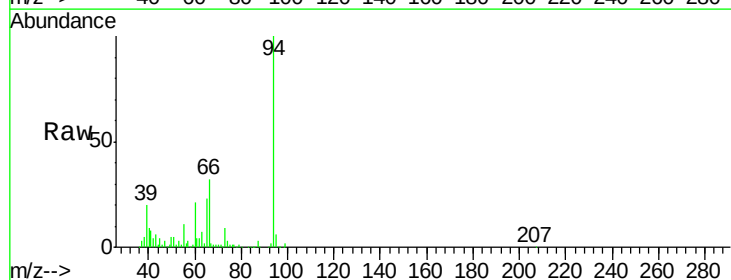
Tgt Ion: 94 Resp: 300969

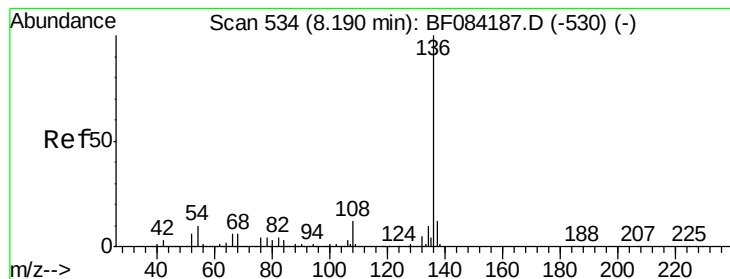
Ion Ratio Lower Upper

94 100

65 23.3 12.9 52.9

66 31.8 32.7 72.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TEC-21

Tgt Ion:136 Resp: 1244823

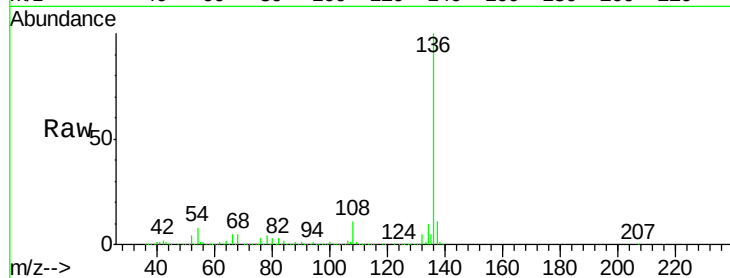
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.7 5.8 8.8

68 4.5 4.2 6.2

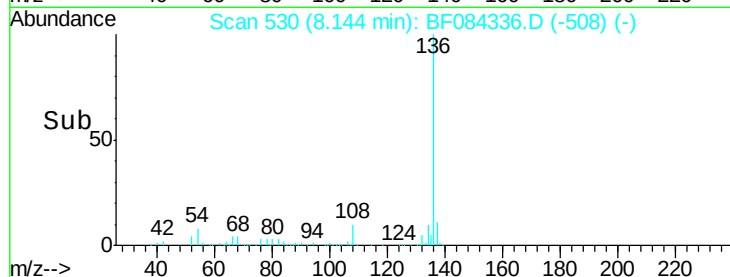


Abundance Ion 136.00 (135.70 to 136.70): E

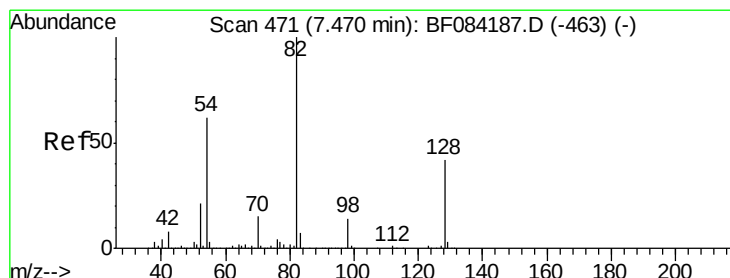
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 82.42 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

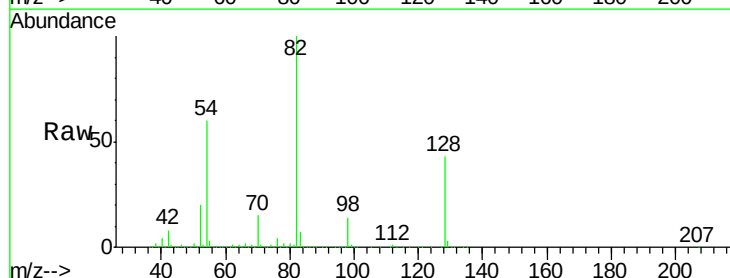
Tgt Ion: 82 Resp: 1843401

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

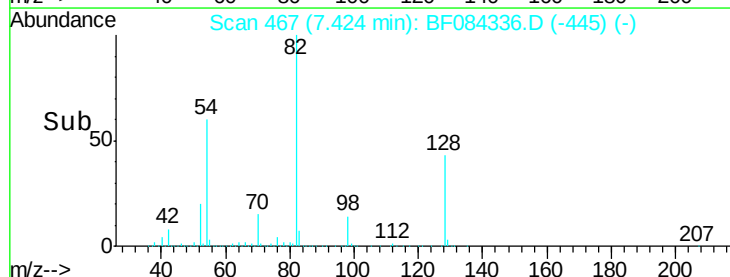
54 60.1 38.4 57.6#



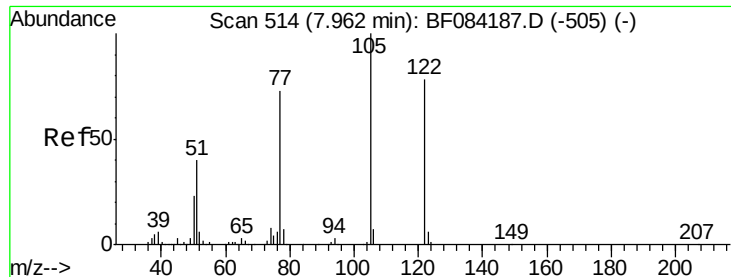
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



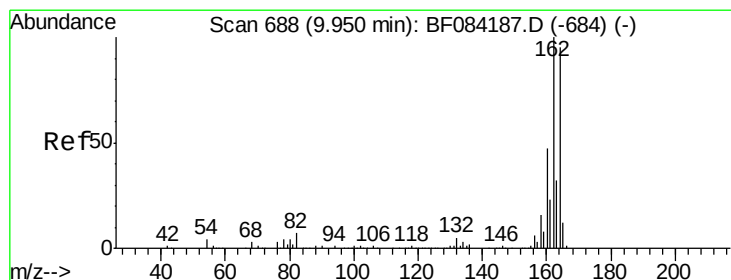
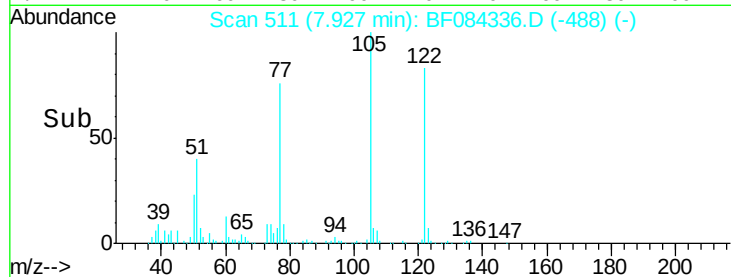
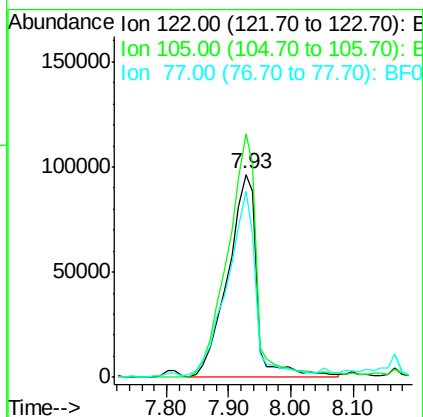
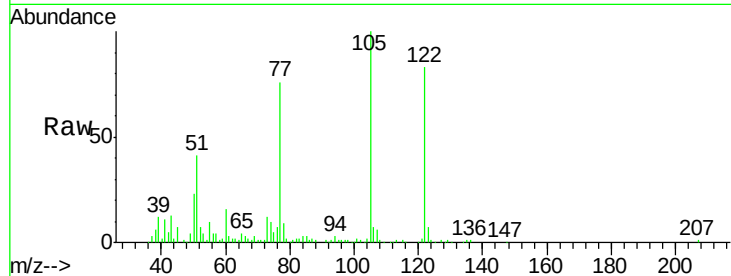
Time--> 7.30 7.40 7.50



#32
Benzoic acid
Concen: 26.56 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF084336.D
Acq: 8 Jan 2016 19:06

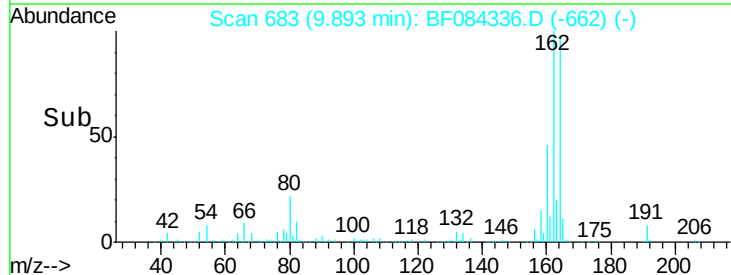
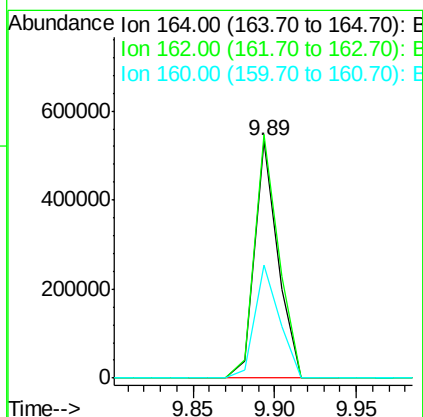
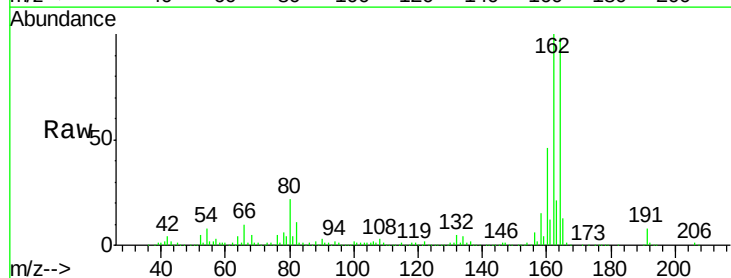
Instrument :
BNA_F
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TEC-21

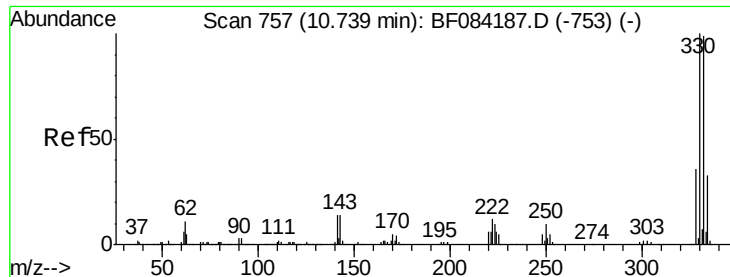
Tgt Ion:122 Resp: 314009
Ion Ratio Lower Upper
122 100
105 120.1 100.3 140.3
77 91.7 63.5 103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084336.D
Acq: 8 Jan 2016 19:06

Tgt Ion:164 Resp: 530517
Ion Ratio Lower Upper
164 100
162 102.5 85.1 127.7
160 47.6 37.5 56.3

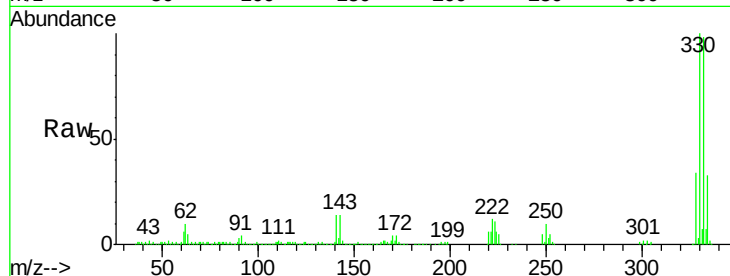




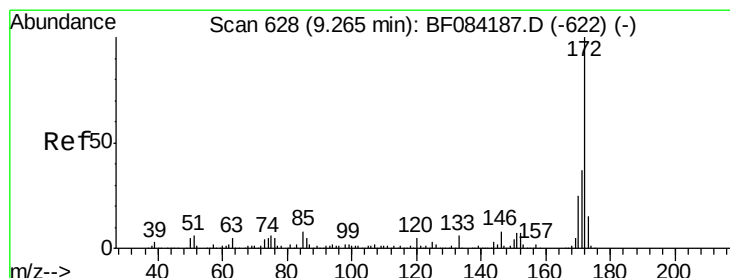
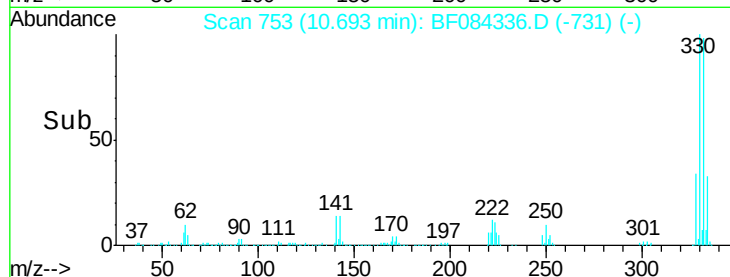
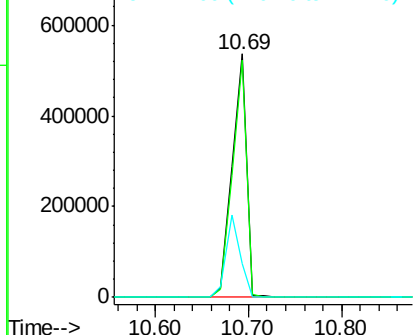
#41
 2,4,6-Tribromophenol
 Concen: 109.81 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084336.D
 Acq: 8 Jan 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TEC-21

Tgt Ion:330 Resp: 588155
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 32.9 27.8 41.6

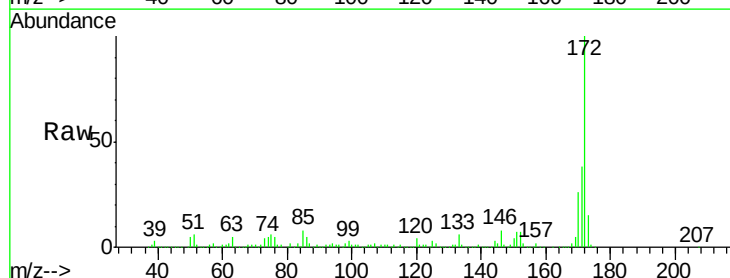


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

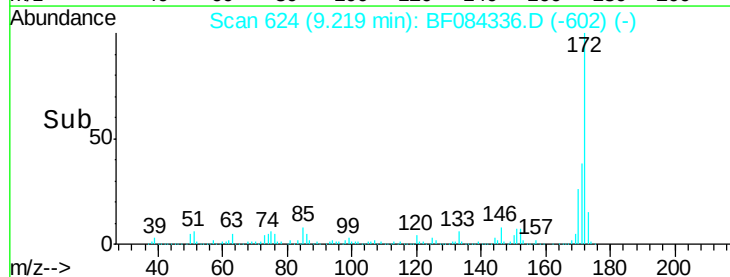
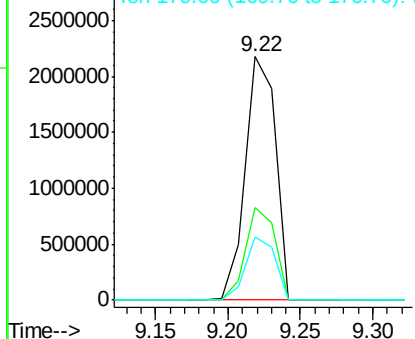


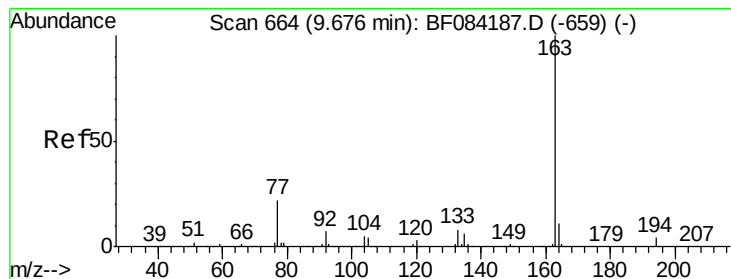
#44
 2-Fluorobiphenyl
 Concen: 105.87 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084336.D
 Acq: 8 Jan 2016 19:06

Tgt Ion:172 Resp: 3145867
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 25.8 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: 4.02 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

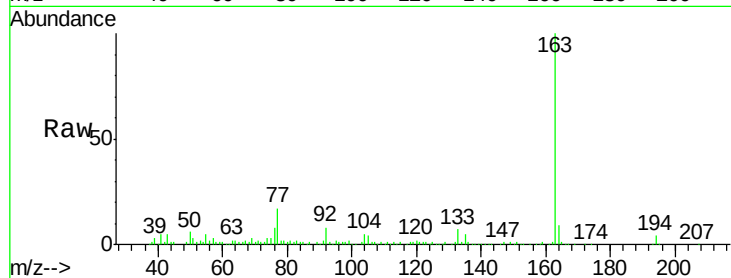
Instrument :

BNA_F

ClientSampleId :

TEC-21

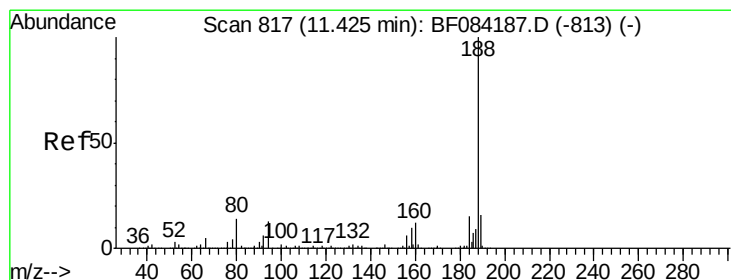
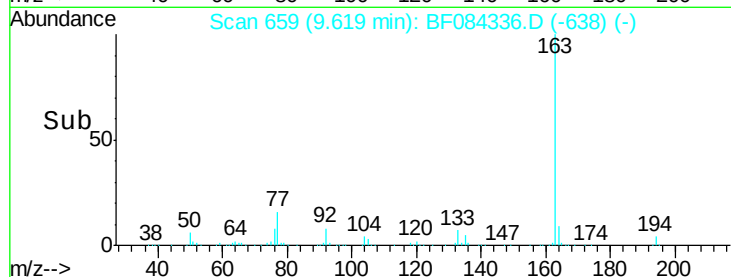
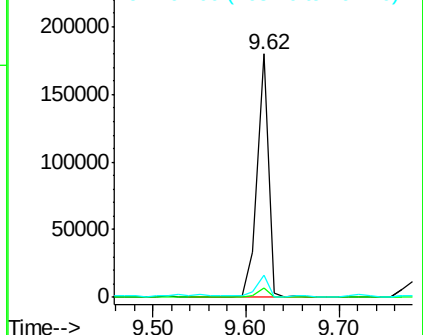
Tgt Ion:	163	Resp:	152565
Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.4	8.0	12.0



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

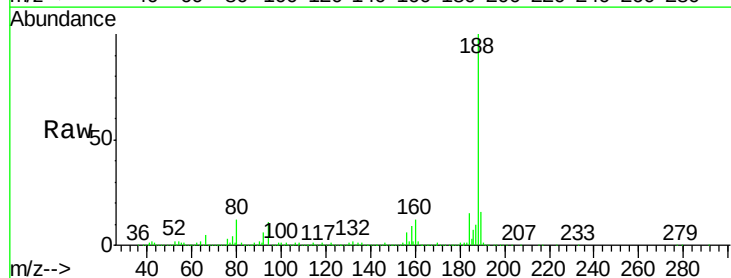
RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

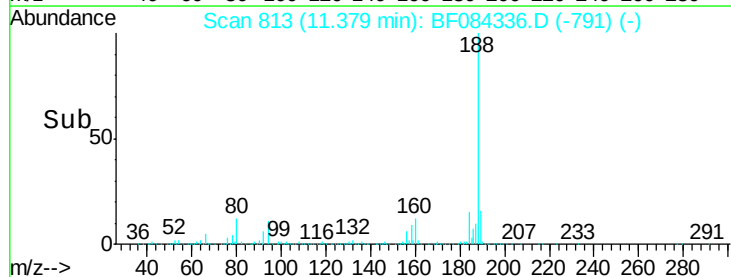
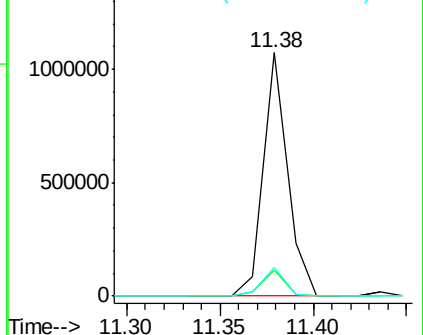
Tgt Ion:	188	Resp:	960520
Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.7	9.6	14.4

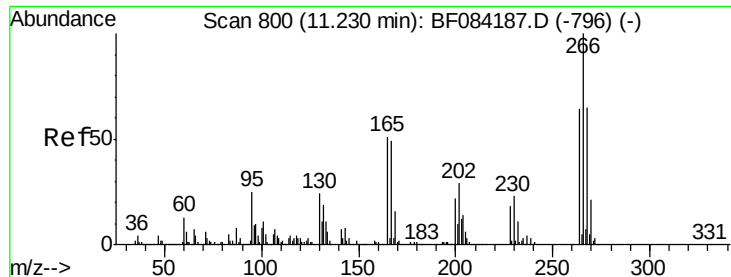


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

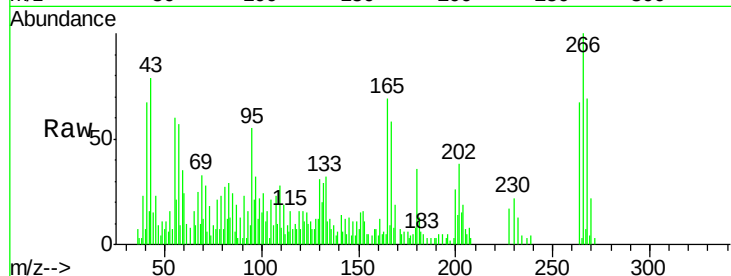




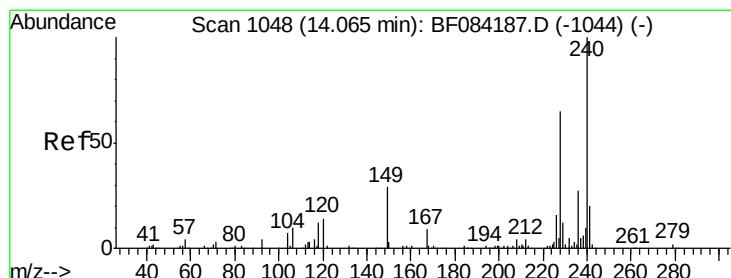
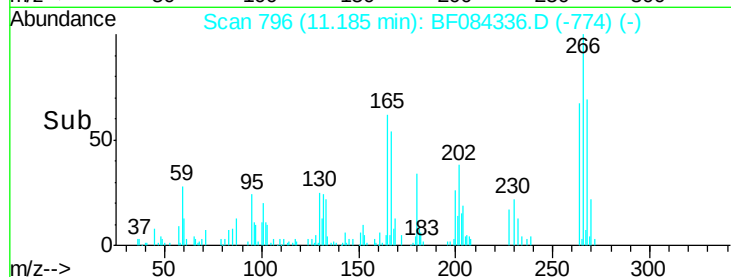
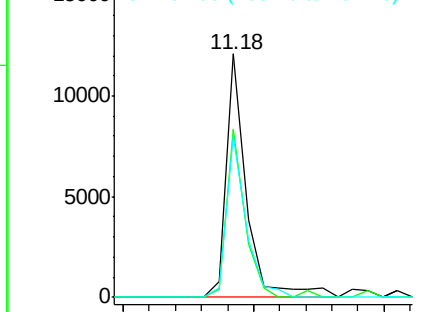
#69
 Pentachlorophenol
 Concen: 2.16 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.05 min
 Lab File: BF084336.D
 Acq: 8 Jan 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TEC-21

Tgt Ion:266 Resp: 13013
 Ion Ratio Lower Upper
 266 100
 268 69.1 52.4 78.6
 264 66.5 50.2 75.2

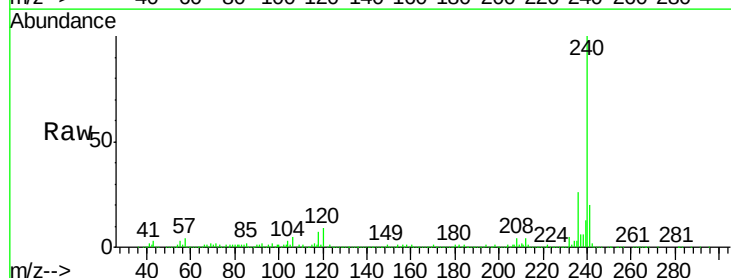


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

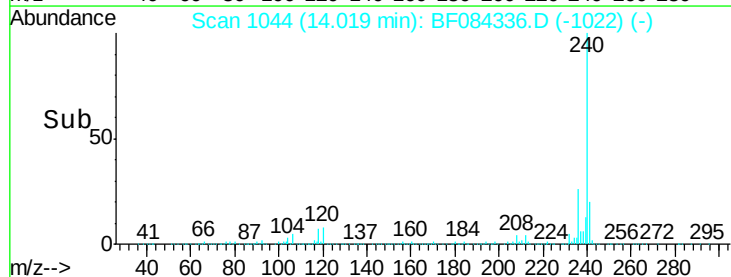
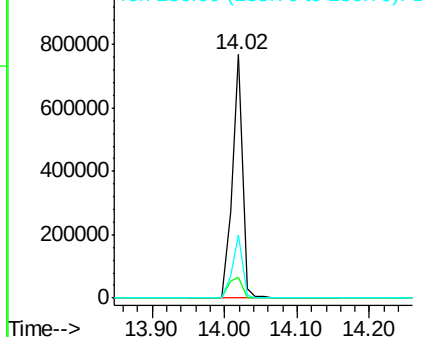


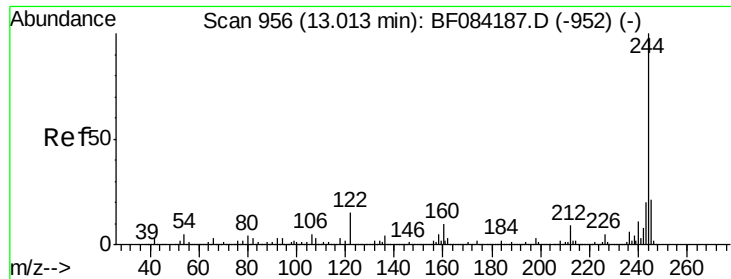
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084336.D
 Acq: 8 Jan 2016 19:06

Tgt Ion:240 Resp: 750904
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 25.8 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: 77.66 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TEC-21

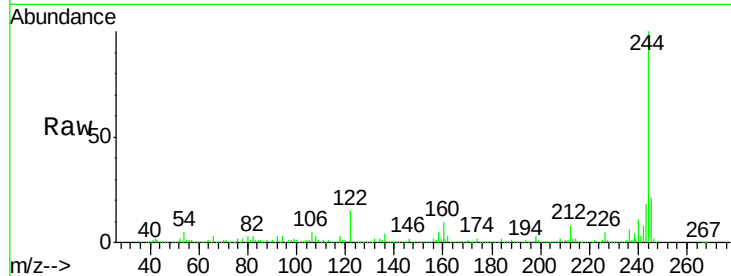
Tgt Ion:244 Resp: 2612382

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

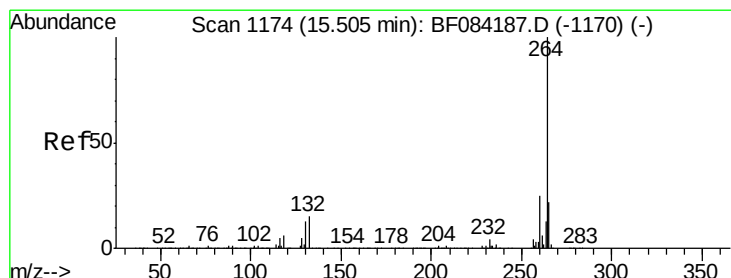
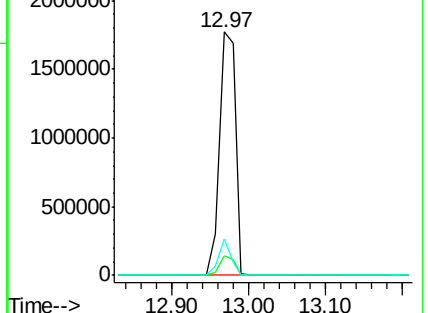
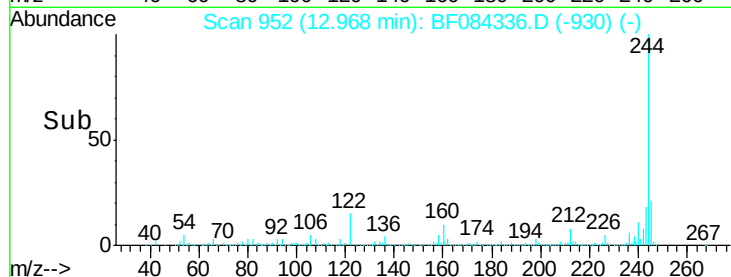
122 14.7 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084336.D

Acq: 8 Jan 2016 19:06

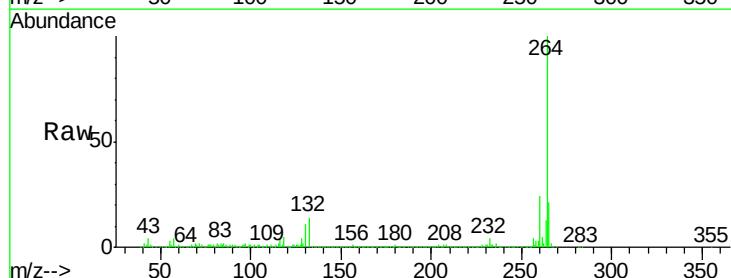
Tgt Ion:264 Resp: 519552

Ion Ratio Lower Upper

264 100

260 23.9 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

