

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086935.D
 Acq On : 12 May 2016 17:26
 Operator : UM/SJ
 Sample : H2968-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FT

Quant Time: May 13 01:11:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

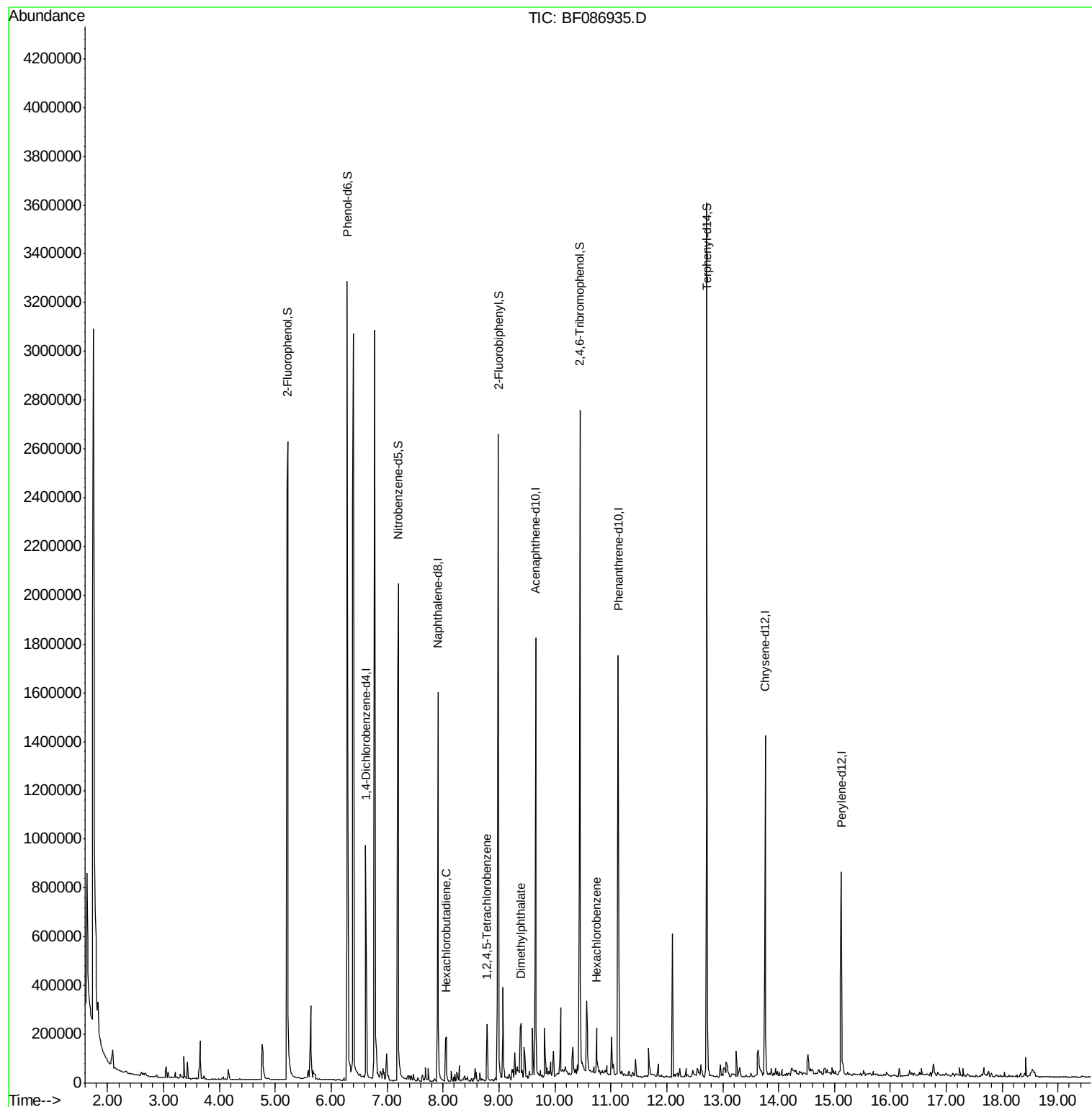
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	154557	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	680861	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	342962	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	605756	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	477875	20.00	ng	-0.01
86) Perylene-d12	15.12	264	345325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	976626	107.01	ng	0.01
7) Phenol-d6	6.28	99	1180311	96.77	ng	-0.01
23) Nitrobenzene-d5	7.20	82	882073	65.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	298991	82.35	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1265790	62.03	ng	0.00
78) Terphenyl-d14	12.72	244	1022618	45.40	ng	0.00
Target Compounds						
34) Hexachlorobutadiene	8.06	225	29089	4.88	ng	Qvalue 98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	38634	3.87	ng	96
49) Dimethylphthalate	9.39	163	108331	4.14	ng	97
67) Hexachlorobenzene	10.74	284	23969	3.34	ng	# 67

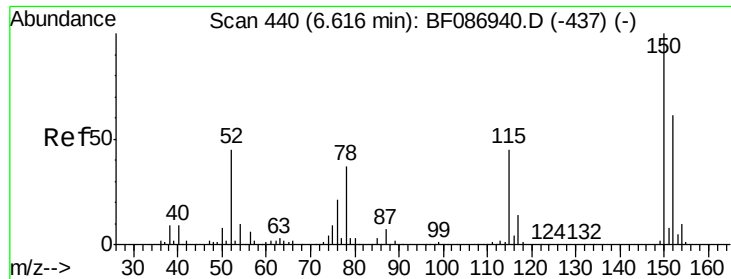
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 01:11:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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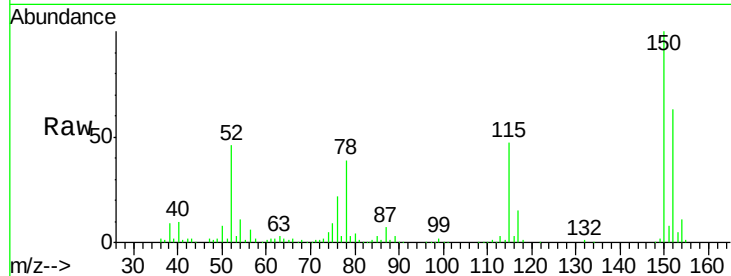


#1

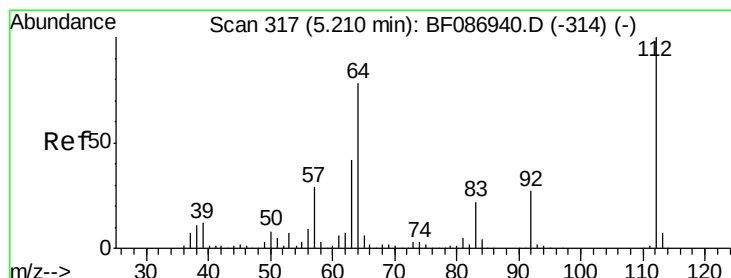
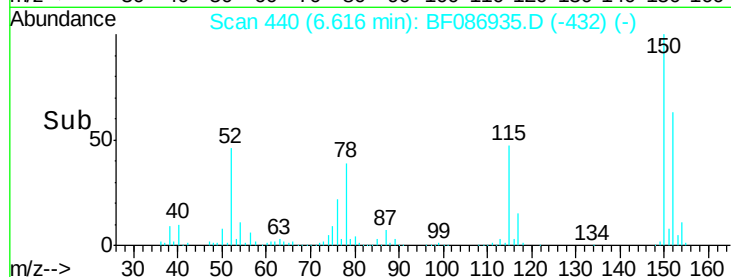
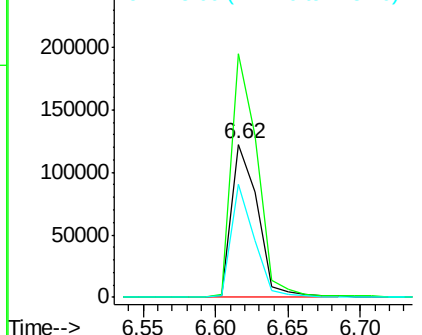
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086935.D
Acq: 12 May 2016 17:26

Instrument :
BNA_F
ClientSampled :
TP40-4FT

Tgt Ion:152 Resp: 154557
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.6
115 73.9 51.5 77.3



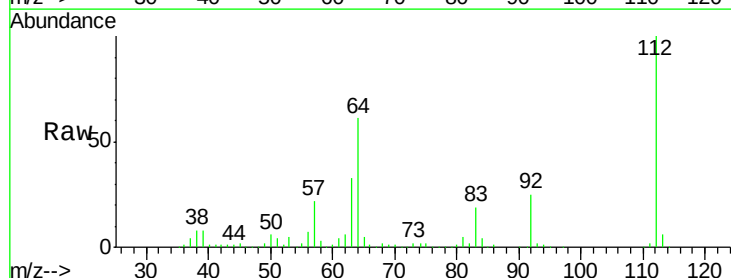
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



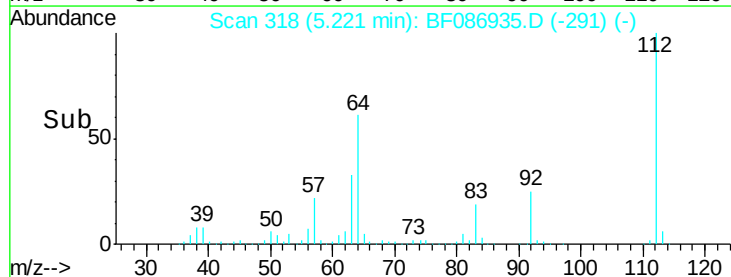
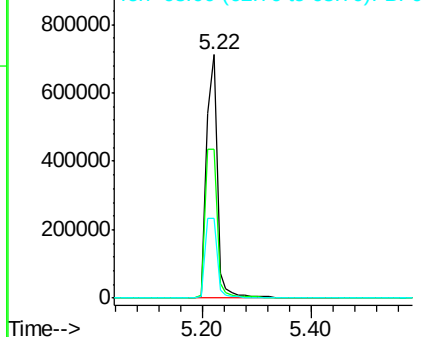
#5

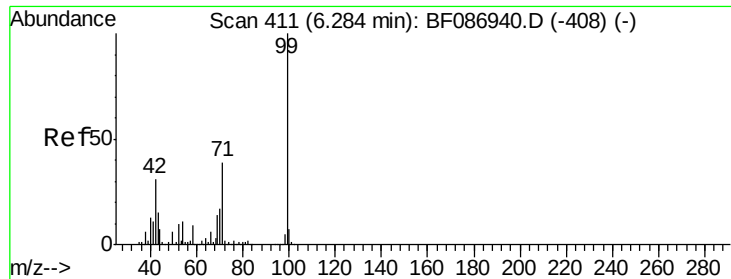
2-Fluorophenol
Concen: 107.01 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF086935.D
Acq: 12 May 2016 17:26

Tgt Ion:112 Resp: 976626
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 32.7 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: 96.77 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

TP40-4FT

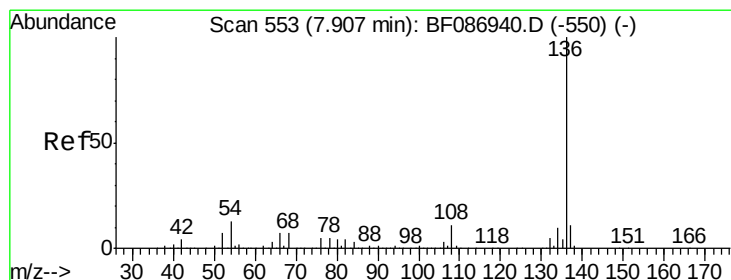
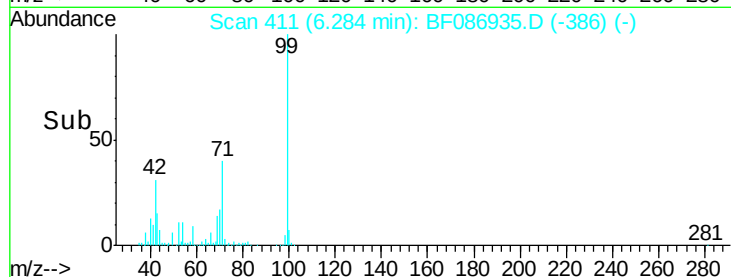
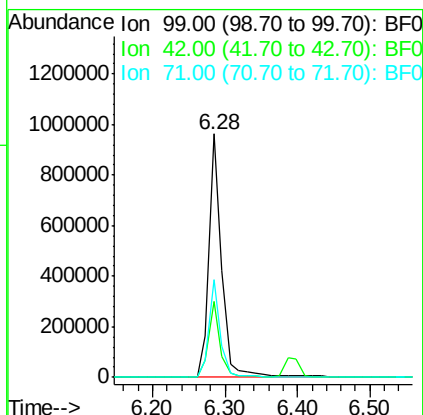
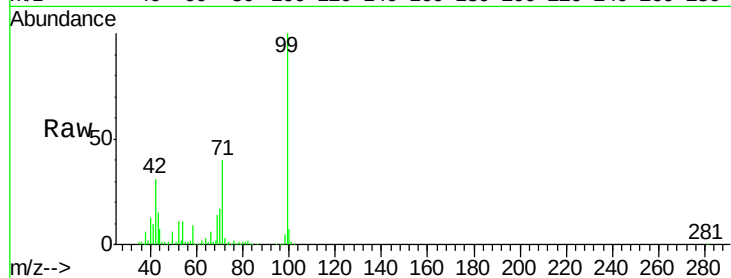
Tgt Ion: 99 Resp: 1180311

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

71 40.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Tgt Ion: 136 Resp: 680861

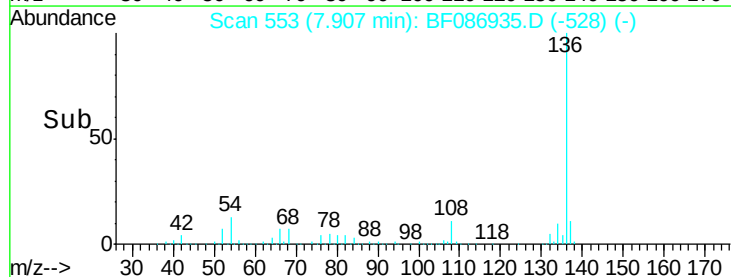
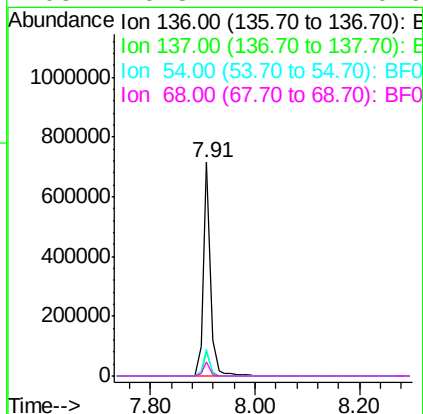
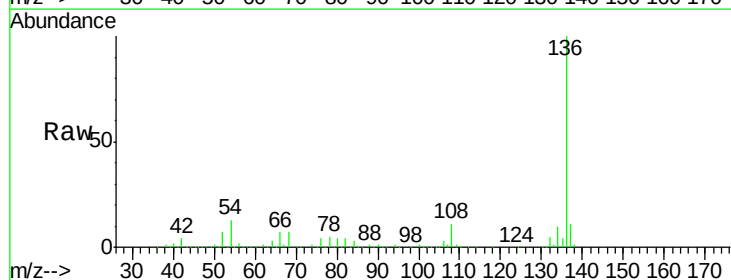
Ion Ratio Lower Upper

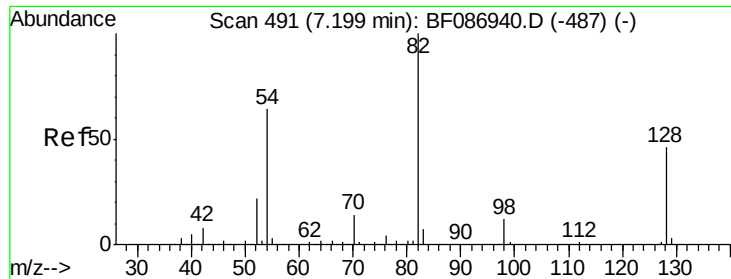
136 100

137 11.3 8.8 13.2

54 12.6 5.0 7.4#

68 6.8 4.4 6.6#

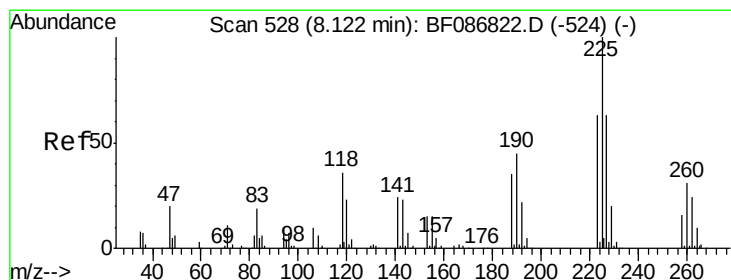
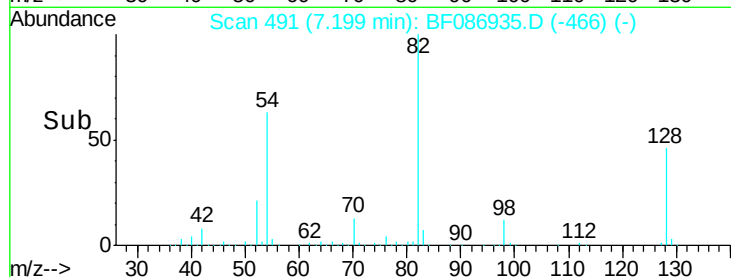
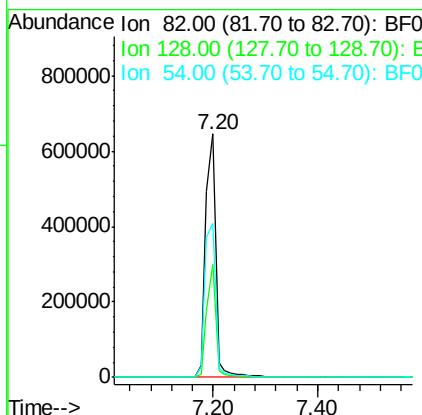
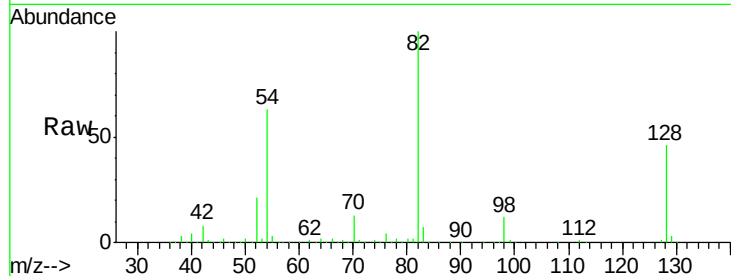




#23
 Nitrobenzene-d5
 Concen: 65.05 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086935.D
 Acq: 12 May 2016 17:26

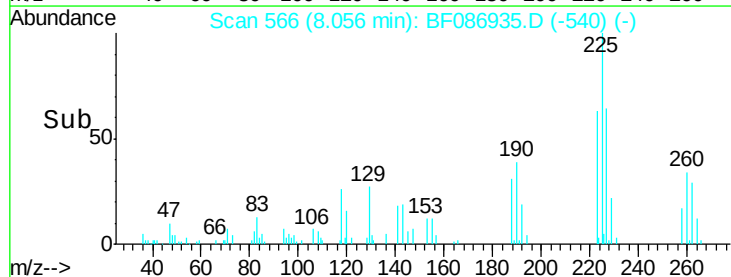
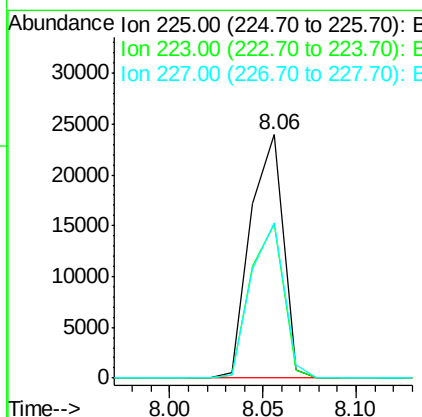
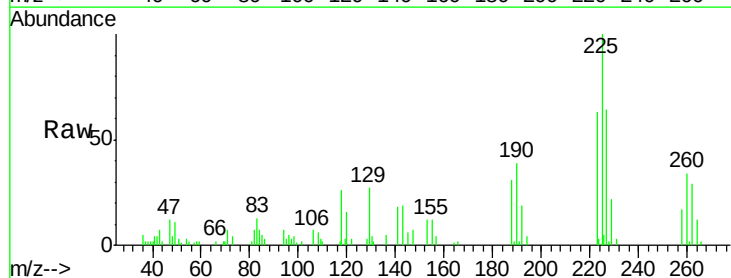
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FT

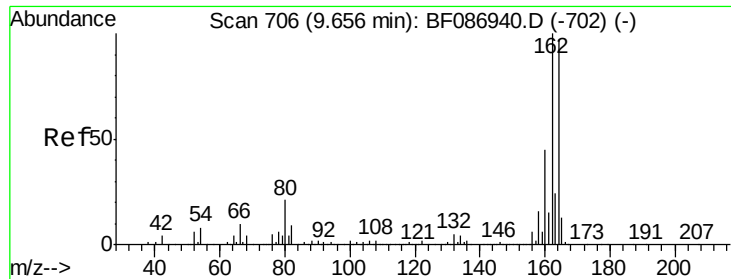
Tgt Ion: 82 Resp: 882073
 Ion Ratio Lower Upper
 82 100
 128 46.3 40.6 61.0
 54 63.2 38.1 57.1#



#34
 Hexachlorobutadiene
 Concen: 4.88 ng
 RT: 8.06 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF086935.D
 Acq: 12 May 2016 17:26

Tgt Ion: 225 Resp: 29089
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.5 77.3
 227 63.8 52.2 78.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

TP40-4FT

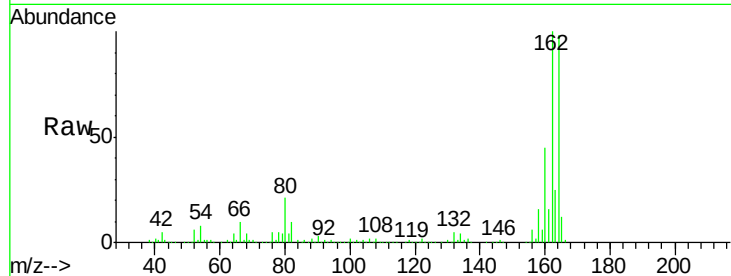
Tgt Ion:164 Resp: 342962

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

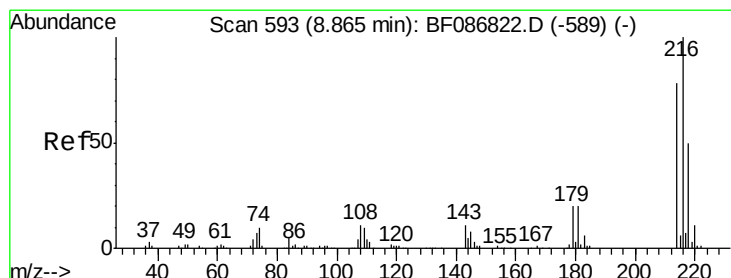
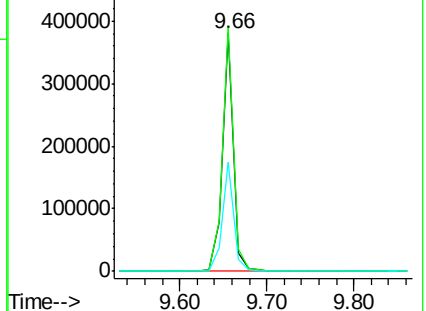
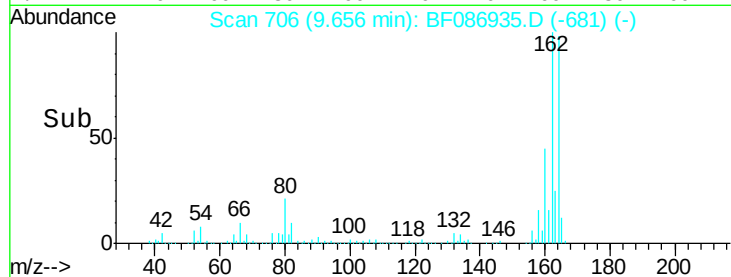
160 46.1 36.9 55.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.87 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Tgt Ion:216 Resp: 38634

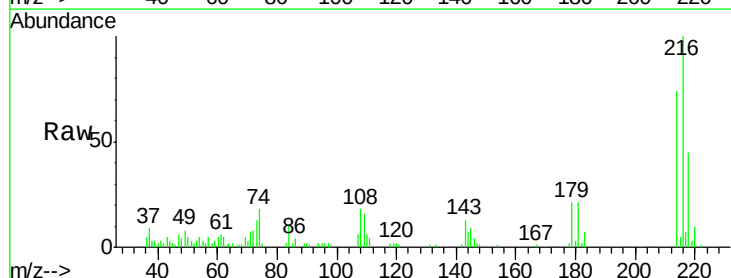
Ion Ratio Lower Upper

216 100

214 75.0 62.6 93.8

179 21.3 18.2 27.4

108 19.3 17.5 26.3

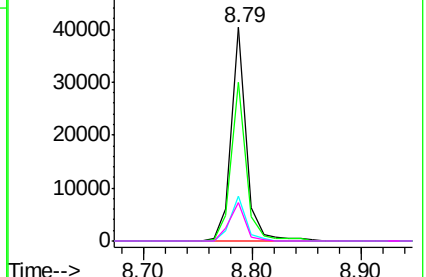
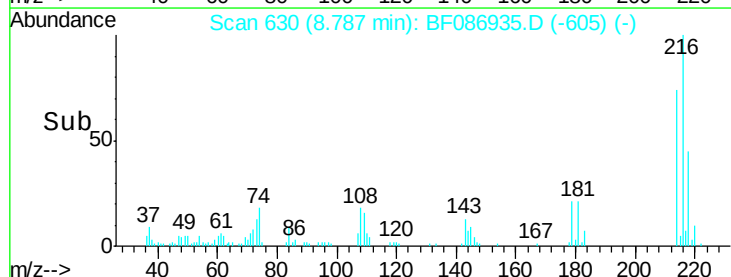


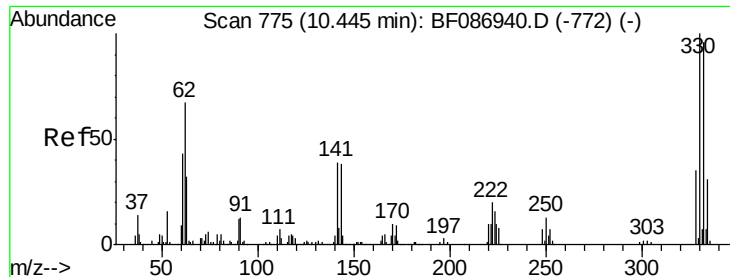
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

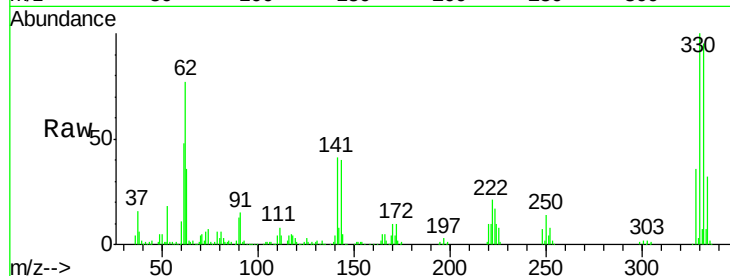




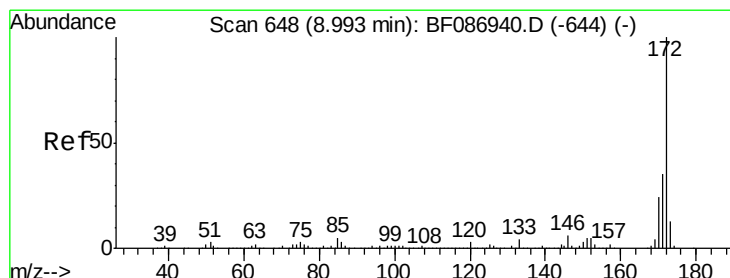
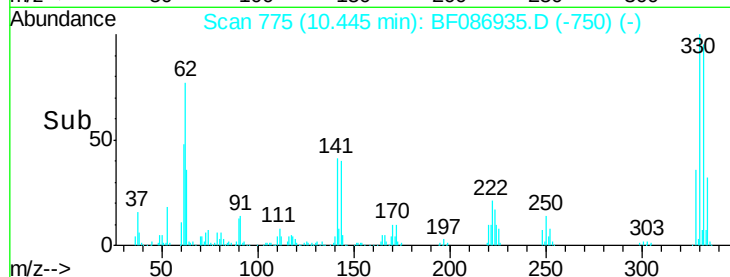
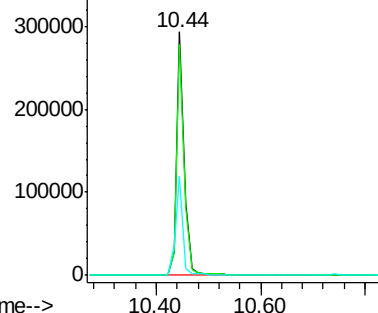
#41
 2,4,6-Tribromophenol
 Concen: 82.35 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086935.D
 Acq: 12 May 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	79.0	118.4
141	39.7	31.2	46.8

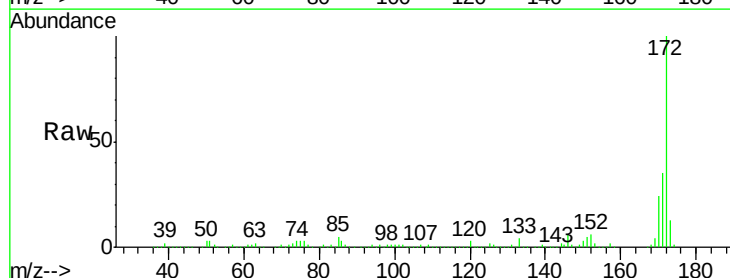


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

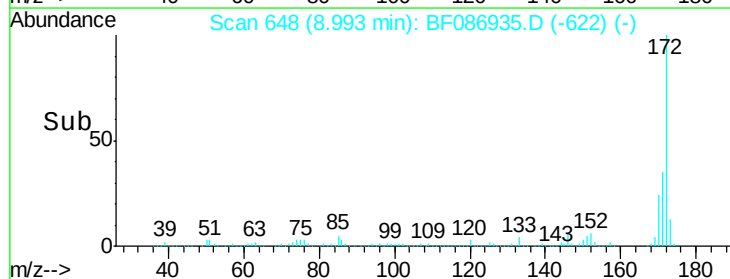
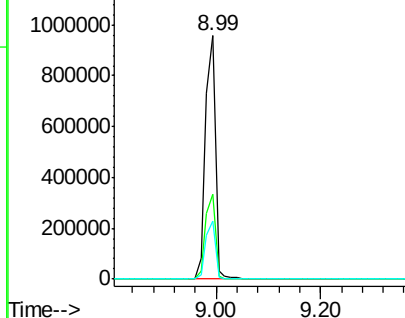


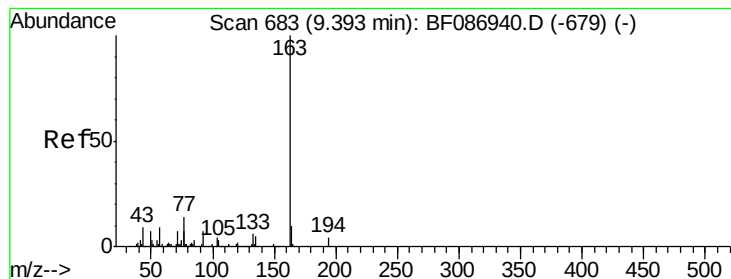
#44
 2-Fluorobiphenyl
 Concen: 62.03 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086935.D
 Acq: 12 May 2016 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.6	19.8	29.8



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: 4.14 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Instrument :

BNA_F

ClientSampled :

TP40-4FT

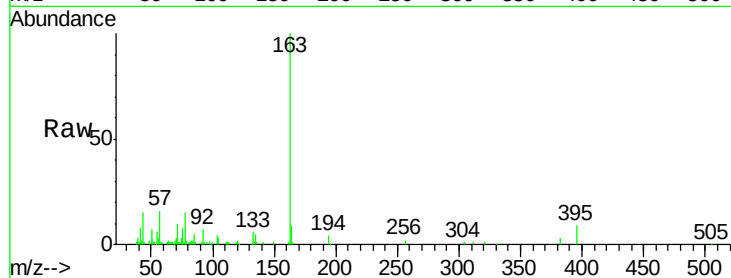
Tgt Ion:163 Resp: 108331

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

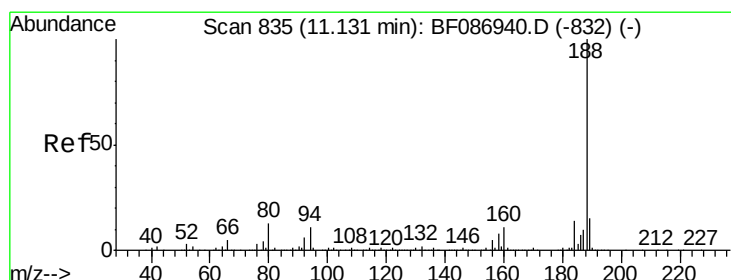
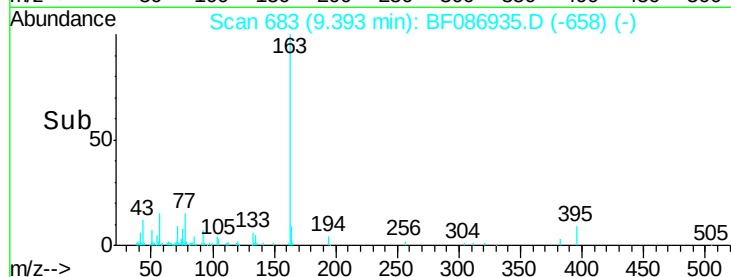
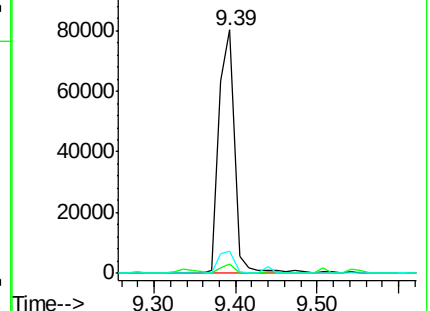
164 8.8 8.2 12.4



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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

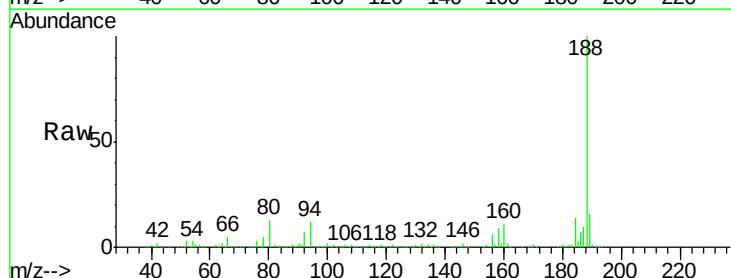
Tgt Ion:188 Resp: 605756

Ion Ratio Lower Upper

188 100

94 12.1 6.8 10.2#

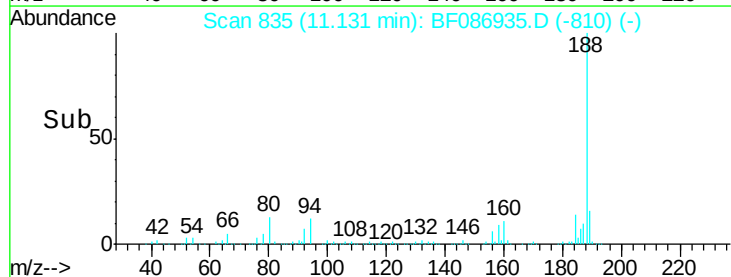
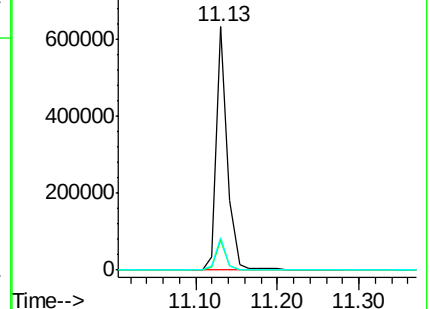
80 13.1 7.1 10.7#

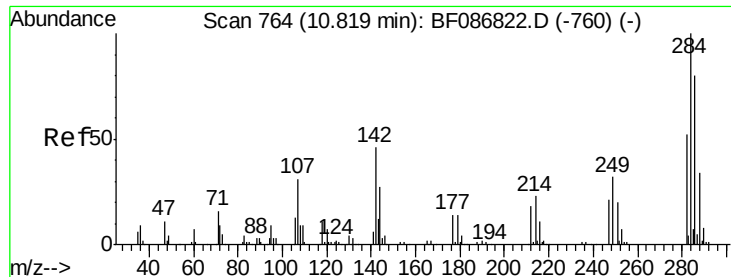


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#67

Hexachlorobenzene

Concen: 3.34 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

TP40-4FT

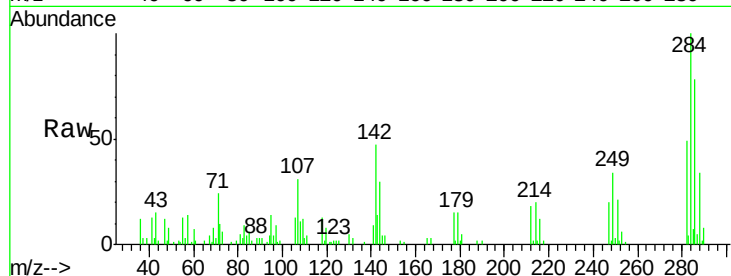
Tgt Ion:284 Resp: 23969

Ion Ratio Lower Upper

284 100

142 47.2 16.7 25.1#

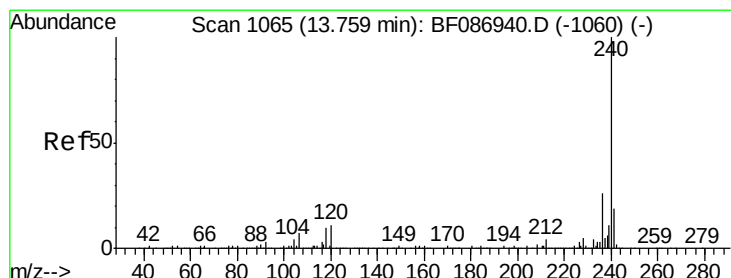
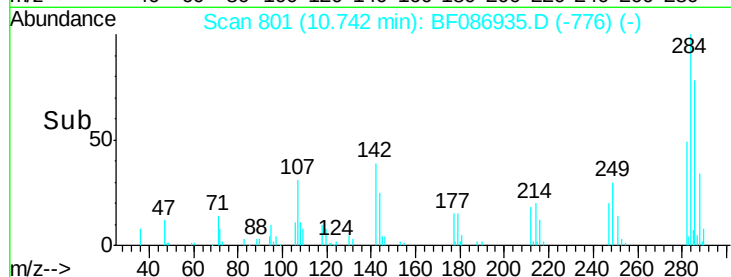
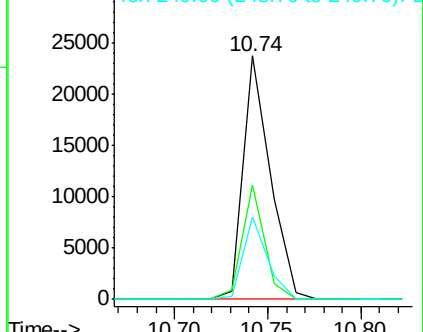
249 34.0 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

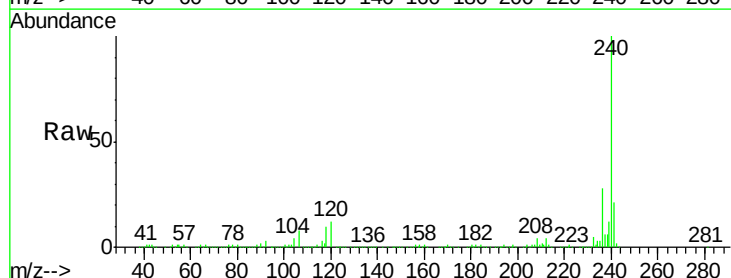
Tgt Ion:240 Resp: 477875

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

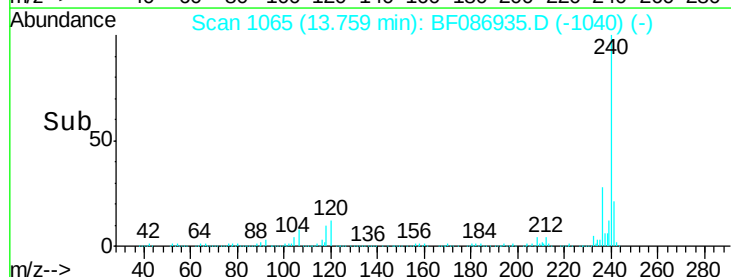
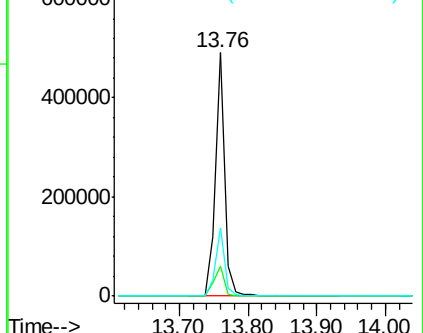
236 28.2 21.2 31.8

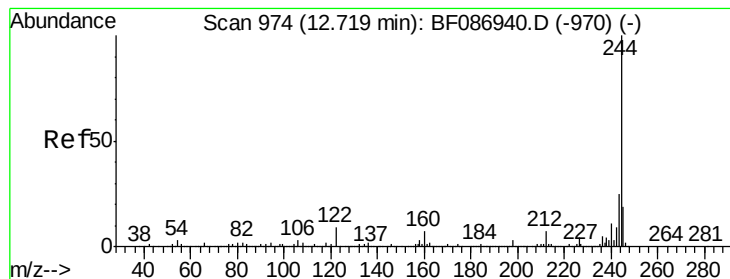


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.40 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

Instrument :

BNA_F

ClientSampleId :

TP40-4FT

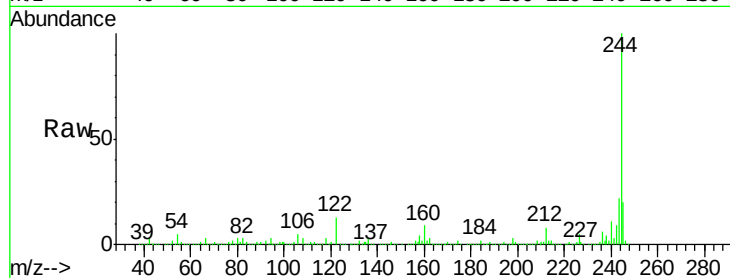
Tgt Ion:244 Resp: 1022618

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

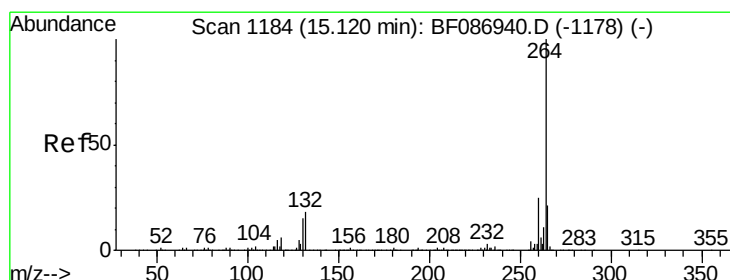
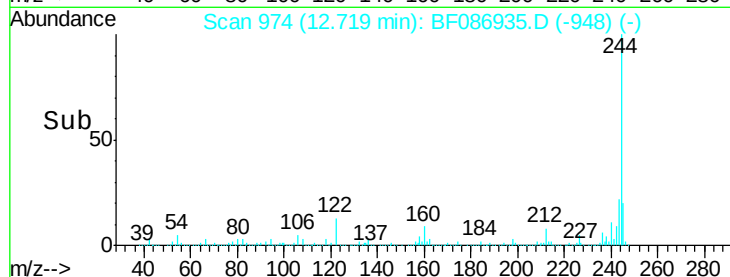
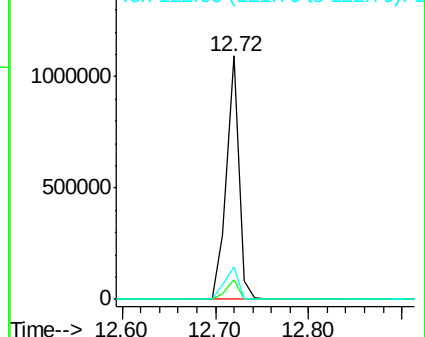
122 13.2 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF086935.D

Acq: 12 May 2016 17:26

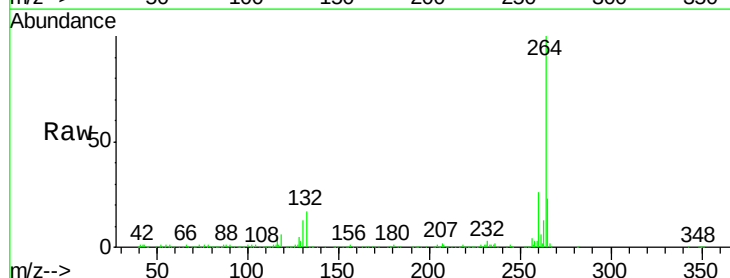
Tgt Ion:264 Resp: 345325

Ion Ratio Lower Upper

264 100

260 26.3 19.5 29.3

265 23.0 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

