

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085034.D
 Acq On : 12 Feb 2016 1:53
 Operator : SJ/IZ
 Sample : H1403-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-26

Quant Time: Feb 12 04:31:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

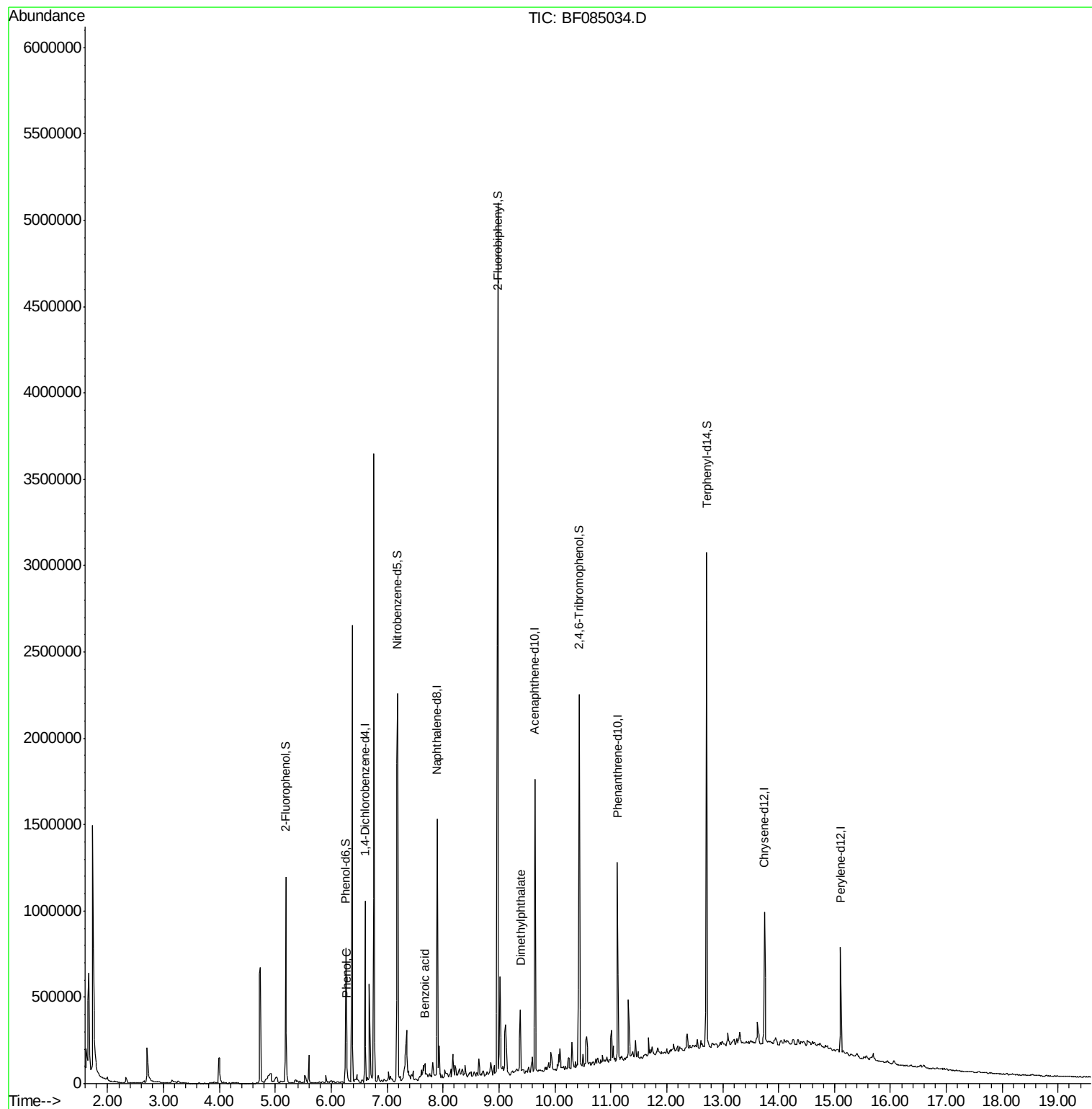
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	147474	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	637716	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	284767	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	468616	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	298702	20.00	ng	-0.02
86) Perylene-d12	15.11	264	274748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	334716	35.35	ng	-0.01
7) Phenol-d6	6.26	99	259581	22.12	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1048215	92.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	234135	78.82	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1772425	123.34	ng	-0.01
78) Terphenyl-d14	12.72	244	1297751	98.45	ng	-0.01
Target Compounds						
10) Phenol	6.27	94	39707	3.02	ng	Qvalue 89
32) Benzoic acid	7.68	122	35422	5.33	ng	98
49) Dimethylphthalate	9.38	163	175264	8.08	ng	# 90

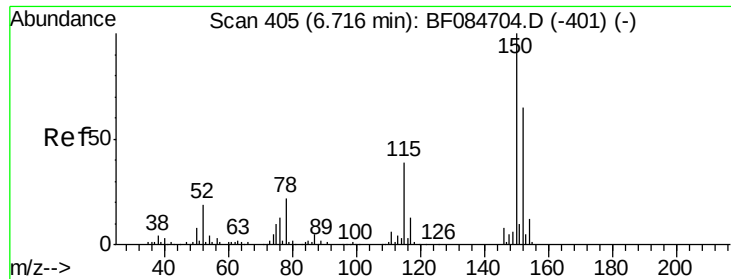
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

Instrument :

BNA_F

ClientSampleId :

TEC-26

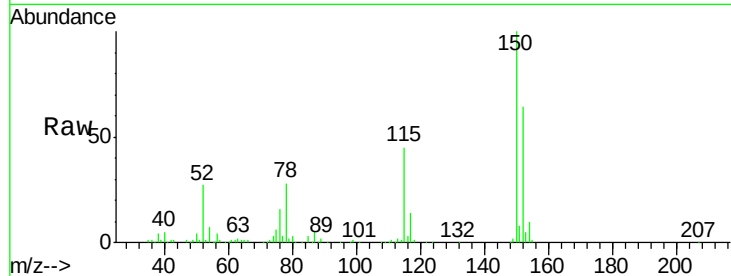
Tgt Ion:152 Resp: 147474

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

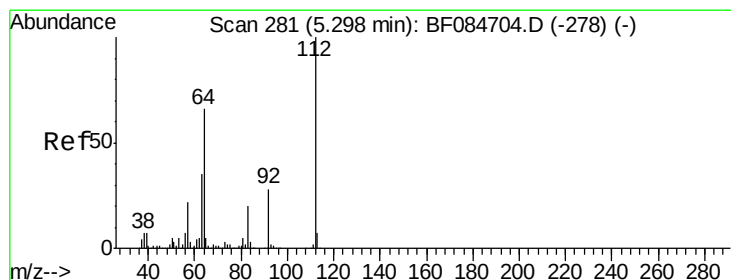
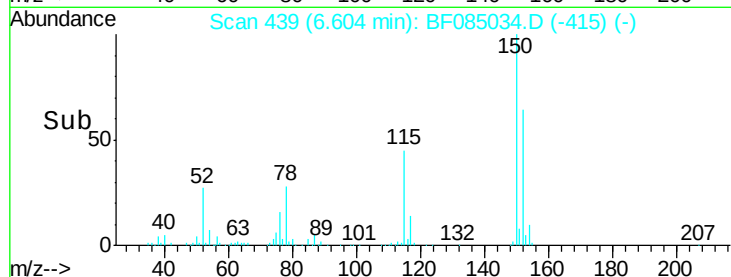
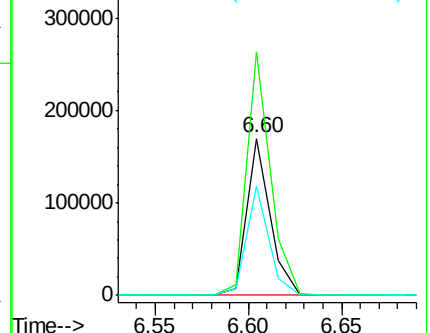
115 69.7 51.4 77.2



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: 35.35 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

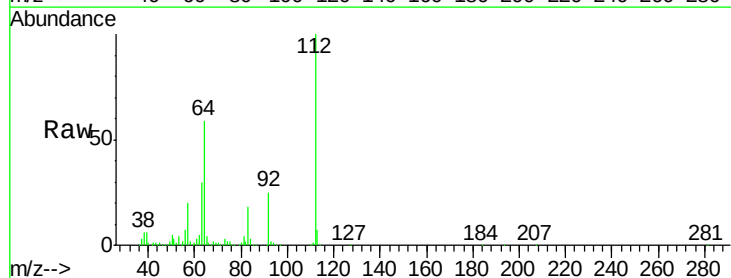
Tgt Ion:112 Resp: 334716

Ion Ratio Lower Upper

112 100

64 59.2 36.6 55.0#

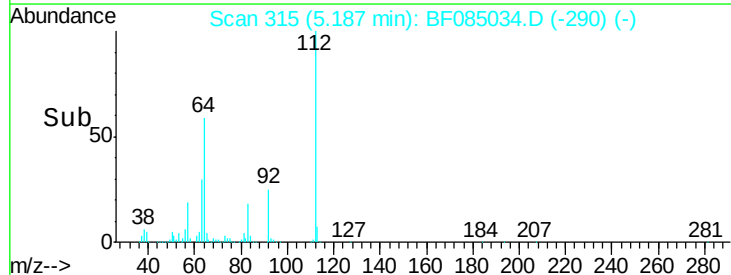
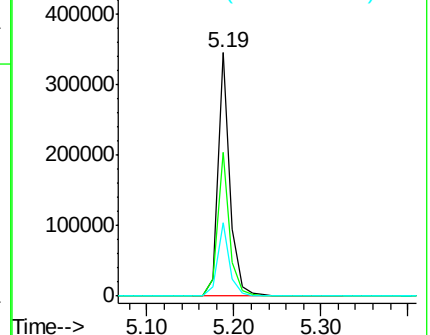
63 30.0 19.4 29.0#

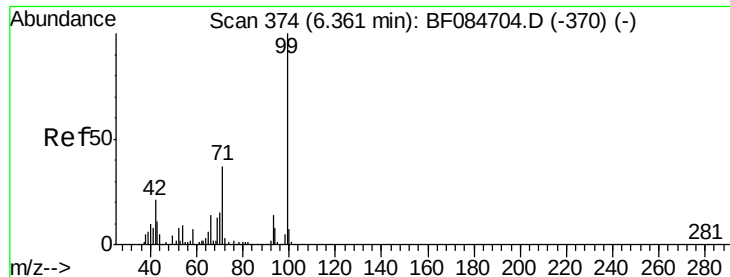


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.12 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

Instrument :

BNA_F

ClientSampleId :

TEC-26

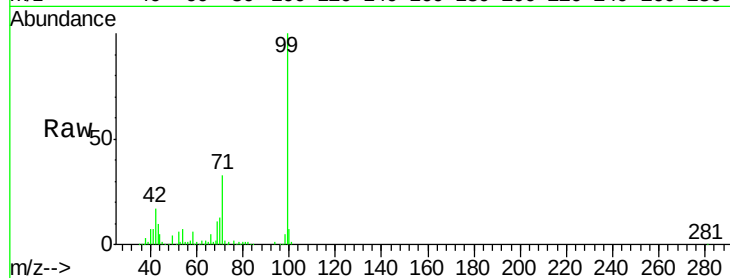
Tgt Ion: 99 Resp: 259581

Ion Ratio Lower Upper

99 100

42 17.3 12.8 19.2

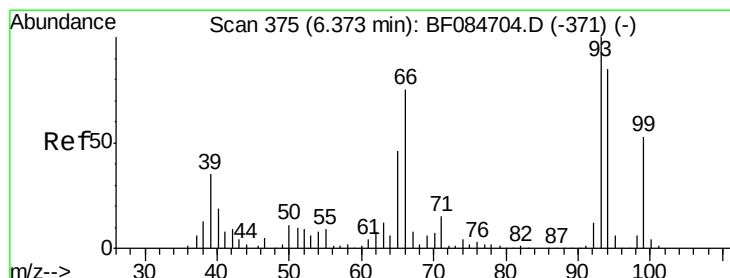
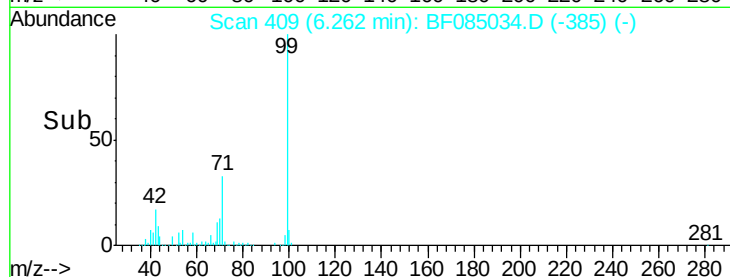
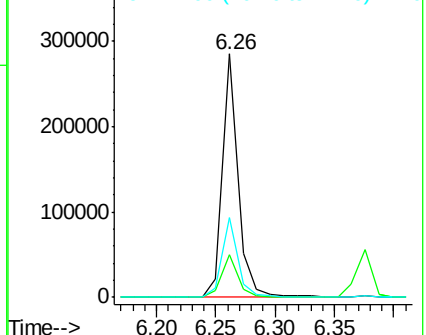
71 33.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.02 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

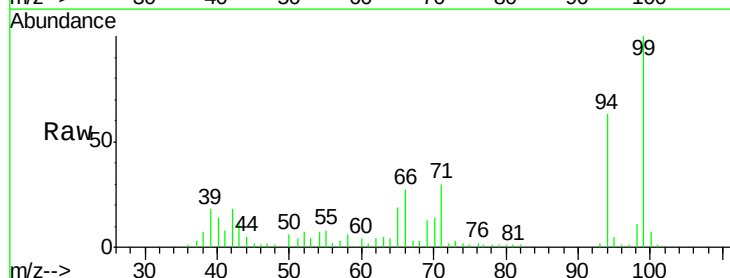
Tgt Ion: 94 Resp: 39707

Ion Ratio Lower Upper

94 100

65 29.5 12.9 52.9

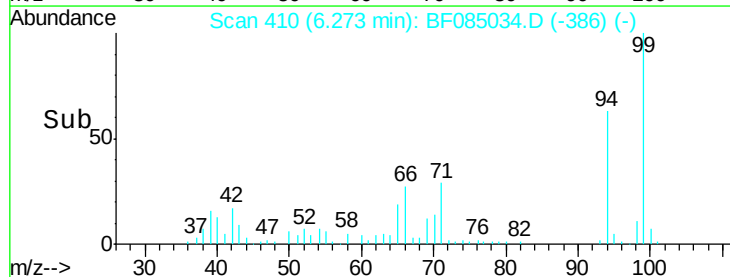
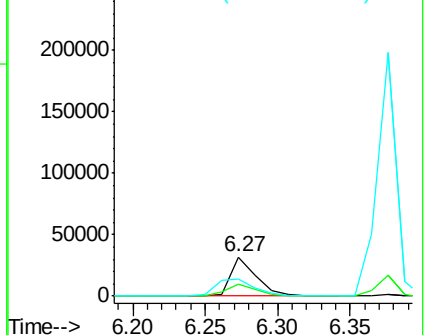
66 42.3 32.7 72.7

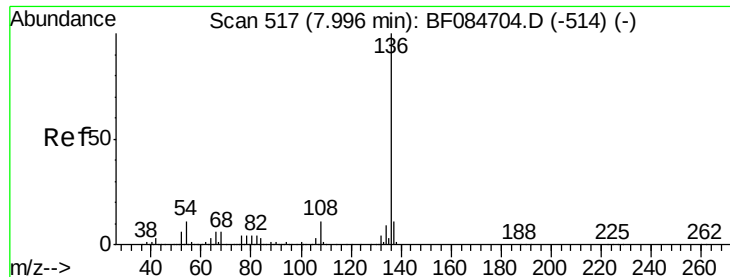


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

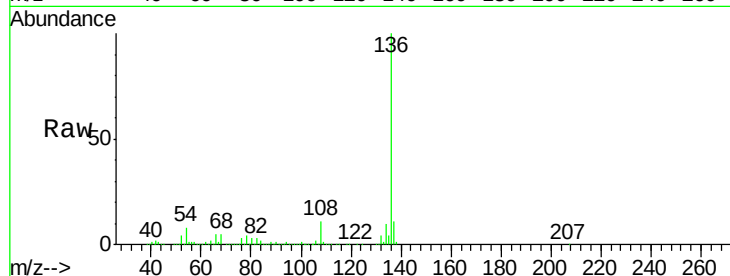




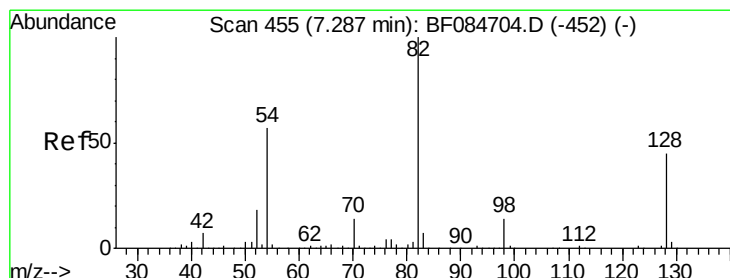
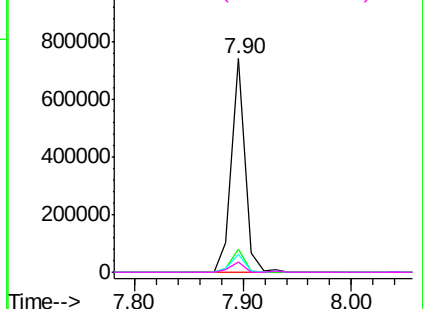
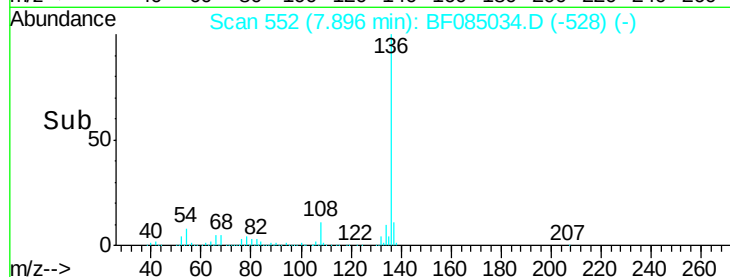
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion:	136	Resp:	637716
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	5.8	8.8
68	4.9	4.2	6.2

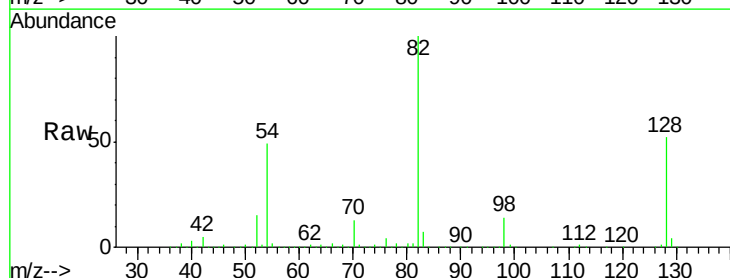


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

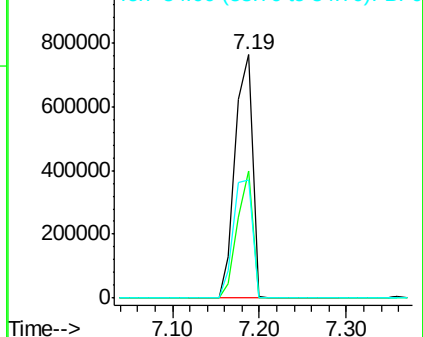
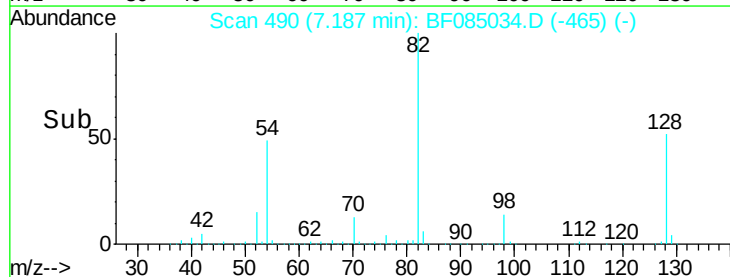


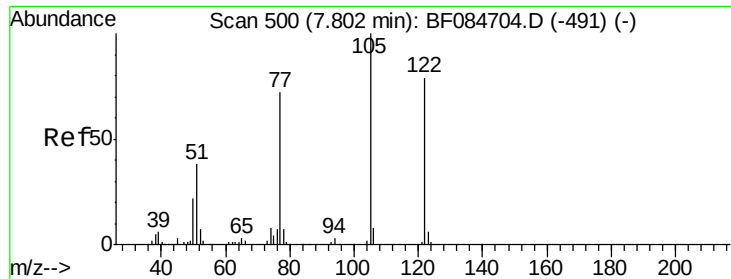
#23
Nitrobenzene-d5
Concen: 92.59 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Tgt Ion:	82	Resp:	1048215
Ion	Ratio	Lower	Upper
82	100		
128	52.1	34.6	51.8#
54	48.6	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





#32

Benzoic acid

Concen: 5.33 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.07 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

Instrument :

BNA_F

ClientSampleId :

TEC-26

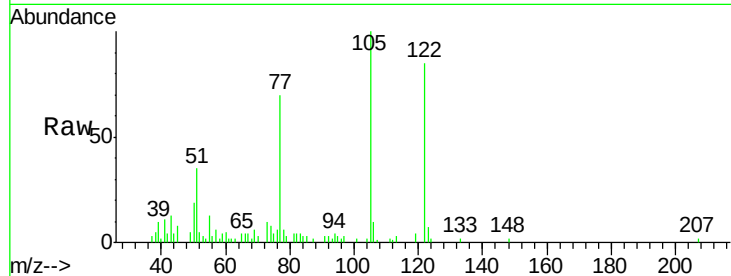
Tgt Ion:122 Resp: 35422

Ion Ratio Lower Upper

122 100

105 118.2 100.3 140.3

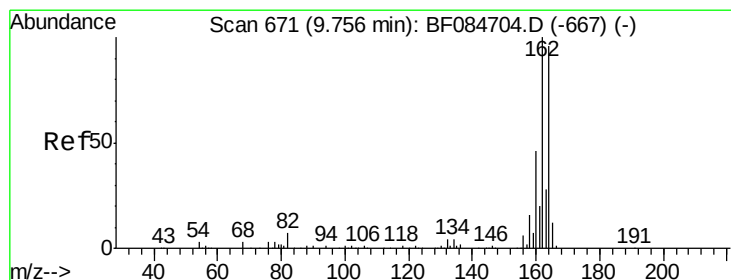
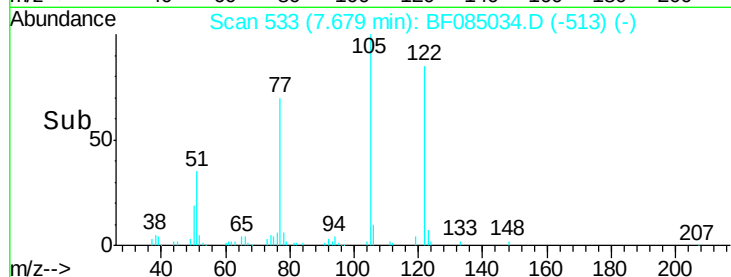
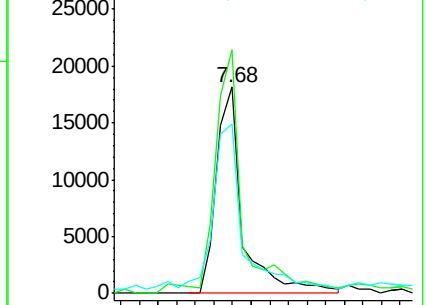
77 82.5 63.5 103.5



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

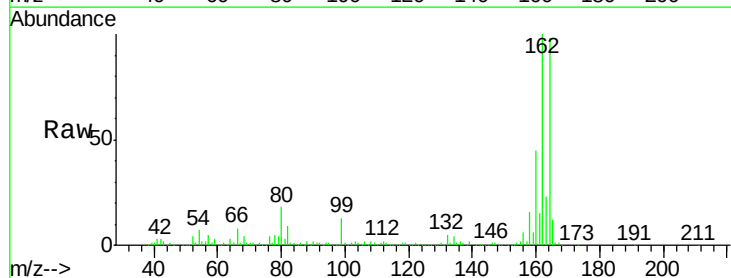
Tgt Ion:164 Resp: 284767

Ion Ratio Lower Upper

164 100

162 101.9 85.1 127.7

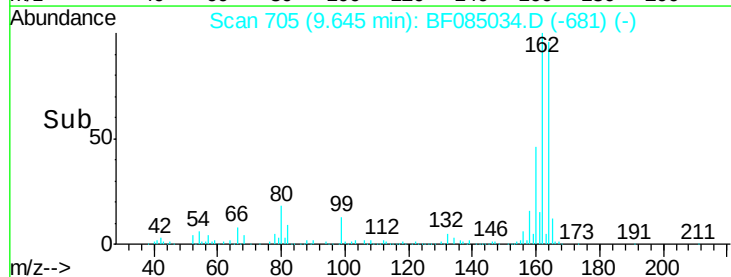
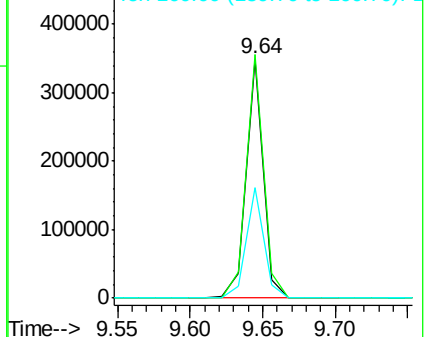
160 46.4 37.5 56.3

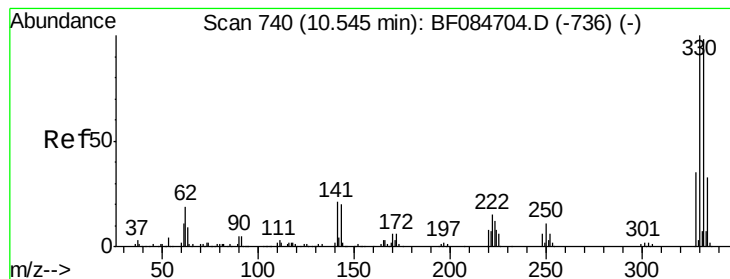


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

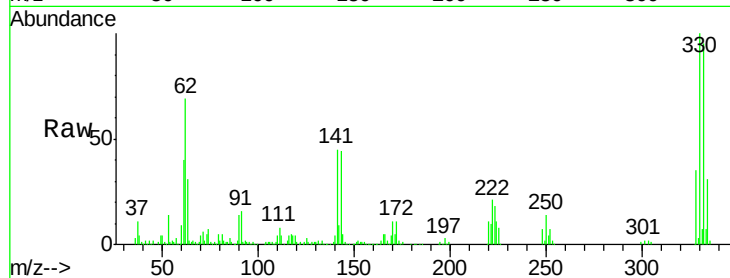




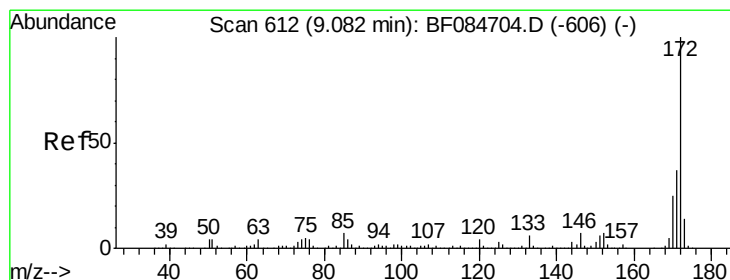
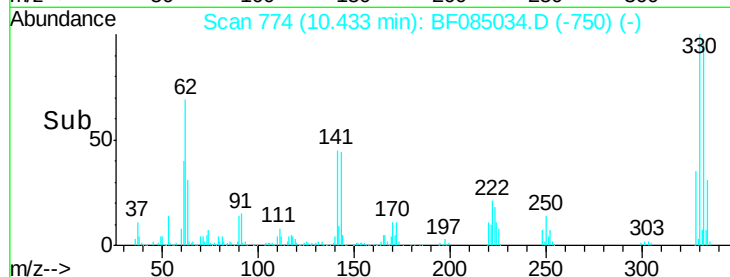
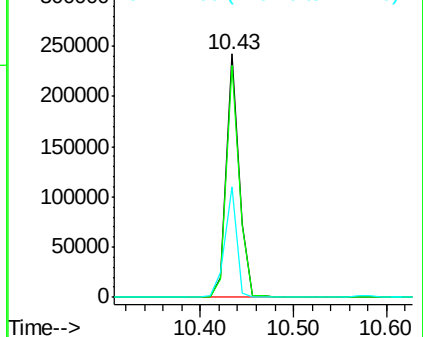
#41
 2,4,6-Tribromophenol
 Concen: 78.82 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085034.D
 Acq: 12 Feb 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-26

Tgt Ion:330 Resp: 234135
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 41.1 27.8 41.6

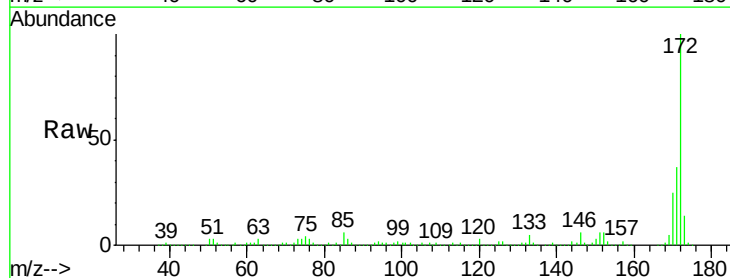


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

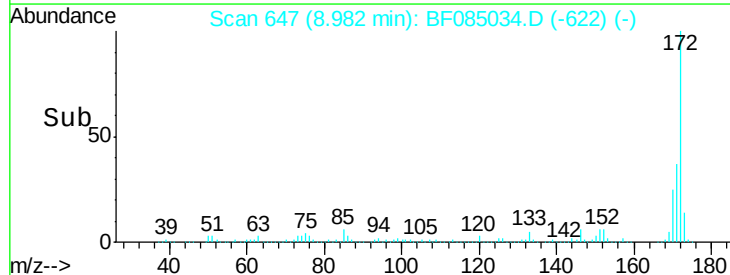
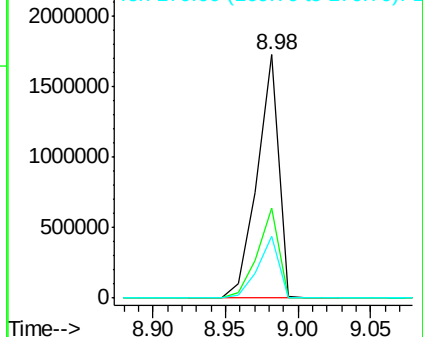


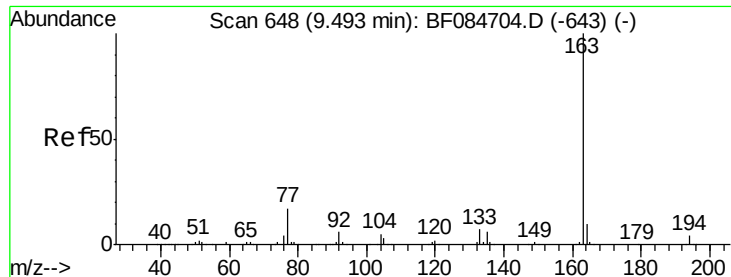
#44
 2-Fluorobiphenyl
 Concen: 123.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085034.D
 Acq: 12 Feb 2016 1:53

Tgt Ion:172 Resp: 1772425
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.4 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: 8.08 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

Instrument :

BNA_F

ClientSampled :

TEC-26

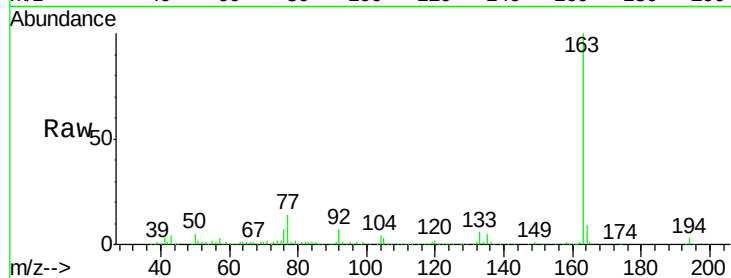
Tgt Ion:163 Resp: 175264

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

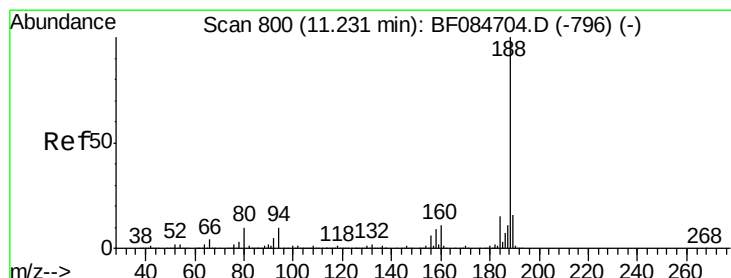
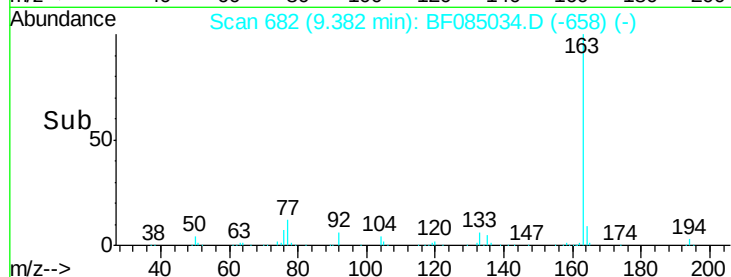
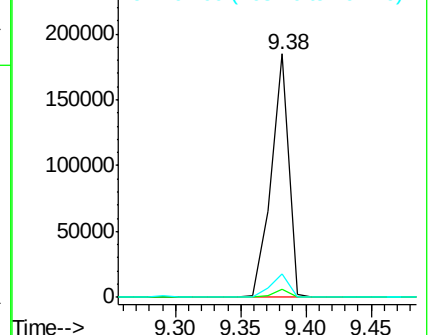
164 9.4 8.0 12.0



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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

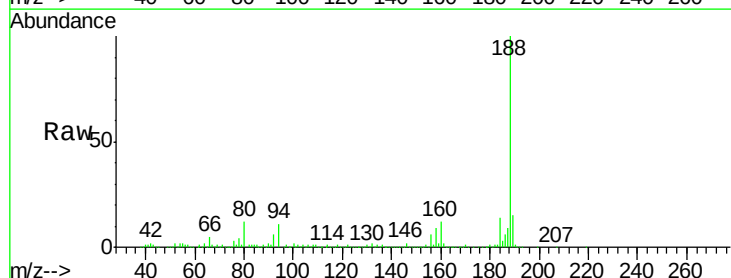
Tgt Ion:188 Resp: 468616

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

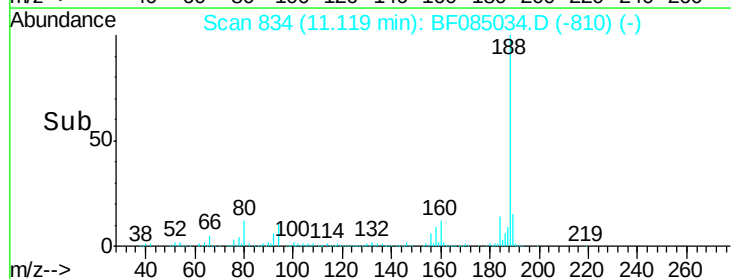
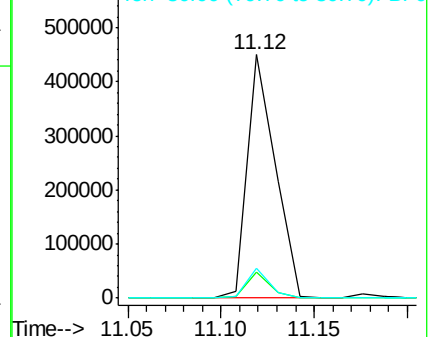
80 12.1 9.6 14.4

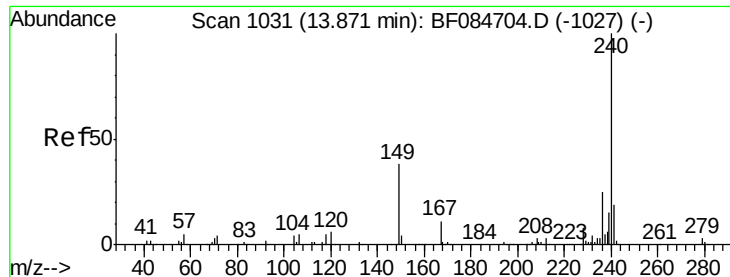


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

Instrument :

BNA_F

ClientSampleId :

TEC-26

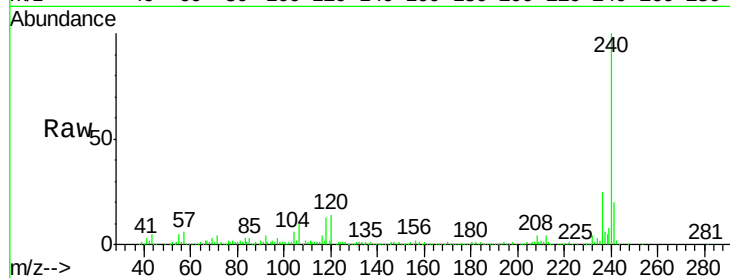
Tgt Ion:240 Resp: 298702

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

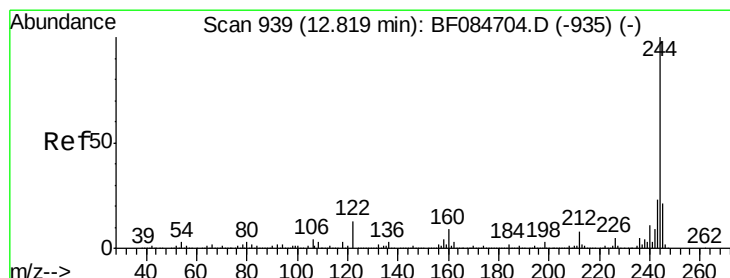
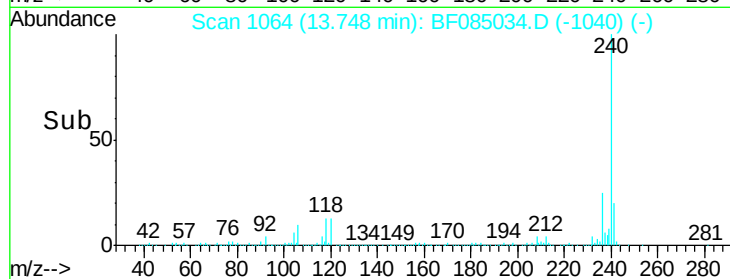
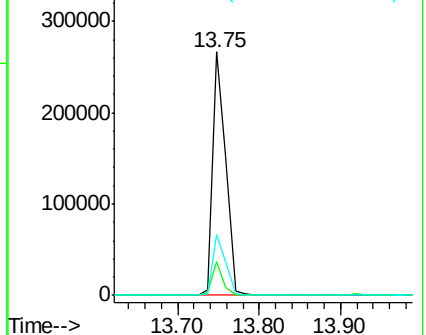
236 25.0 20.6 31.0



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: 98.45 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085034.D

Acq: 12 Feb 2016 1:53

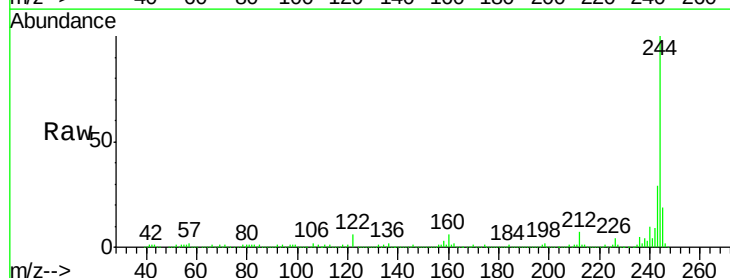
Tgt Ion:244 Resp: 1297751

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

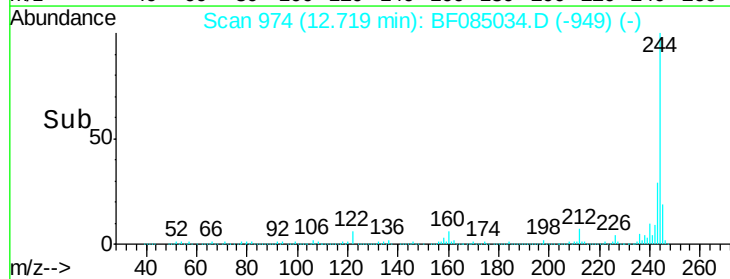
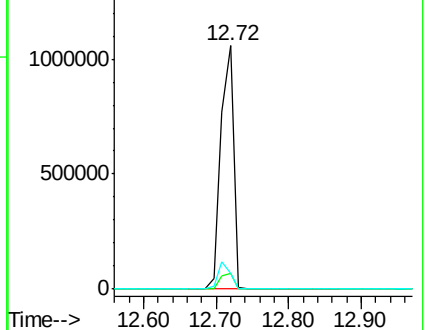
122 6.3 7.4 11.0#

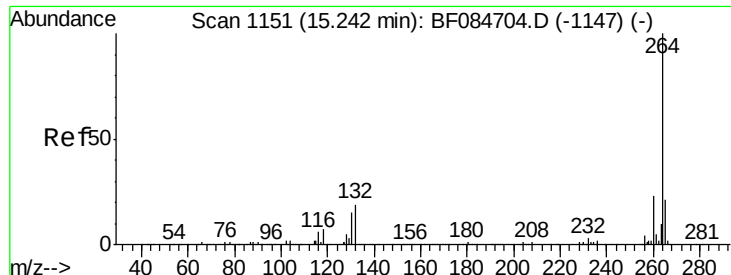


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085034.D
Acq: 12 Feb 2016 1:53

Instrument :
BNA_F
ClientSampleId :
TEC-26

Tgt Ion: 264 Resp: 274748
Ion Ratio Lower Upper
264 100
260 22.3 19.4 29.2
265 21.6 17.8 26.6

