

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084395.D
 Acq On : 11 Jan 2016 22:54
 Operator : SJ/UM
 Sample : H1074-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-11-010516

Quant Time: Jan 12 05:56:48 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

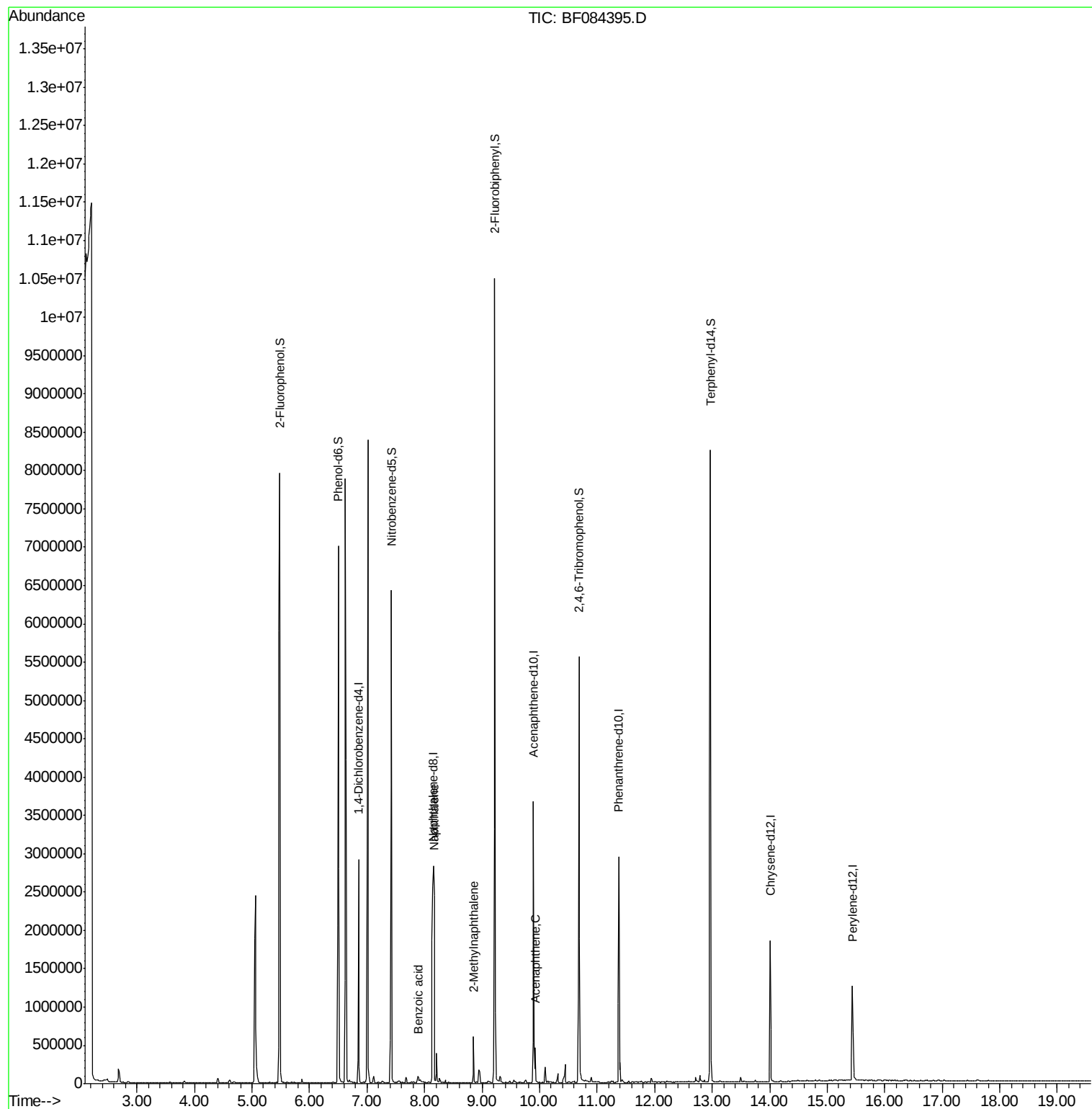
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	374613	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1501779	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	682285	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1092832	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	673264	20.00	ng	-0.06
86) Perylene-d12	15.44	264	585799	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2771687	119.67	ng	-0.01
7) Phenol-d6	6.50	99	2983030	102.55	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2512021	93.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	775755	112.62	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3159142	81.17	ng	-0.04
78) Terphenyl-d14	12.97	244	2661337	88.24	ng	-0.05
Target Compounds						
31) Naphthalene	8.17	128	1818417	26.69	ng	99
32) Benzoic acid	7.89	122	11439m	6.86	ng	
37) 2-Methylnaphthalene	8.85	142	158383	3.24	ng	97
51) Acenaphthene	9.93	154	107078	2.54	ng	98

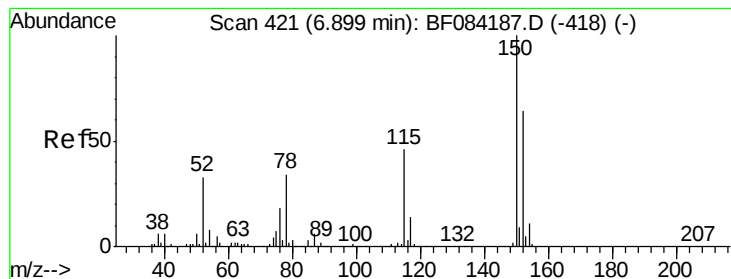
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084395.D

Acq: 11 Jan 2016 22:54

Instrument :

BNA_F

ClientSampleId :

HSR-WC-11-010516

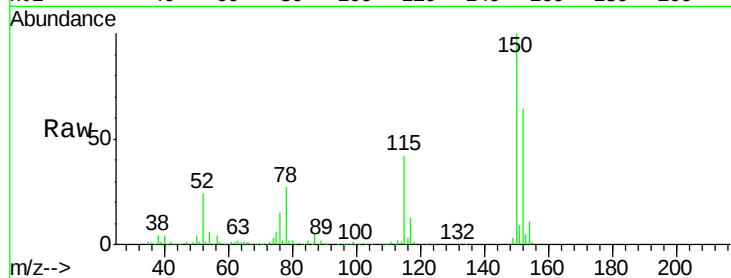
Tgt Ion:152 Resp: 374613

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

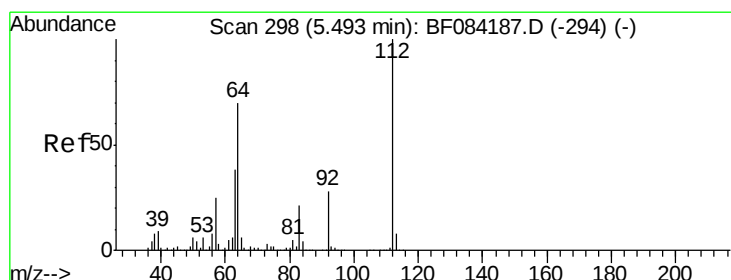
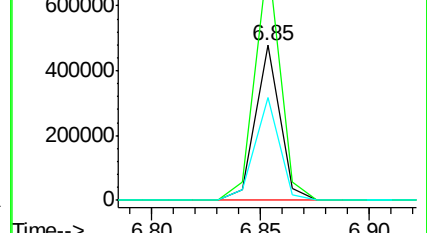
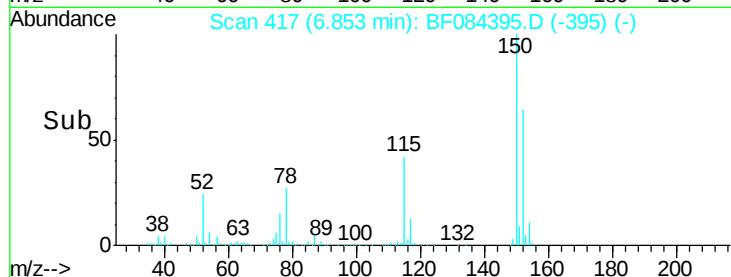
115 66.5 51.4 77.2



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: 119.67 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

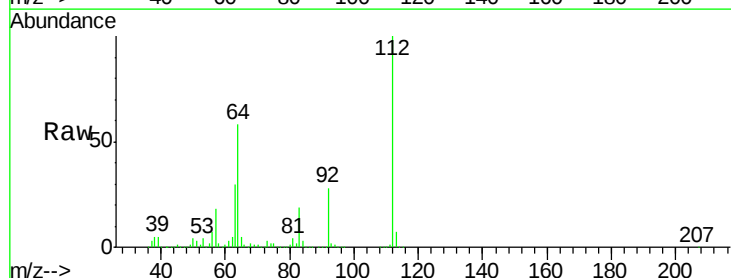
Tgt Ion:112 Resp: 2771687

Ion Ratio Lower Upper

112 100

64 58.0 36.6 55.0#

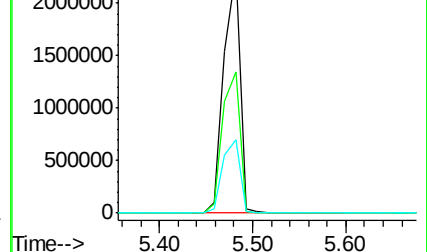
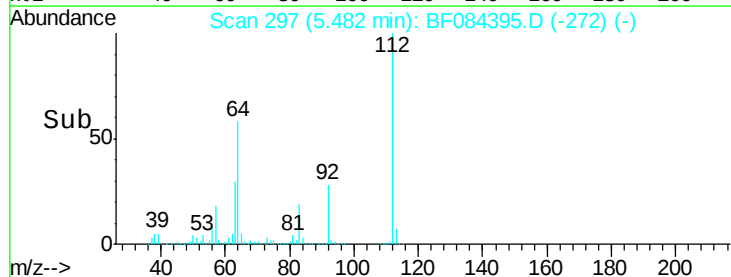
63 30.0 19.4 29.0#

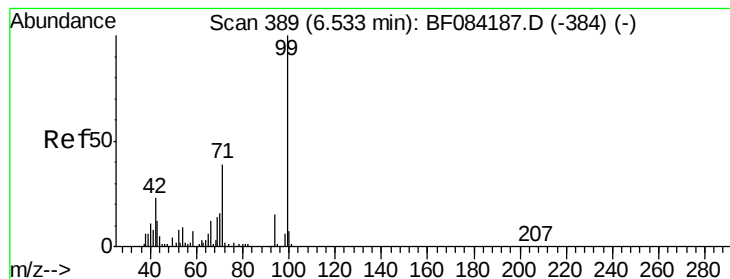


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Instrument :

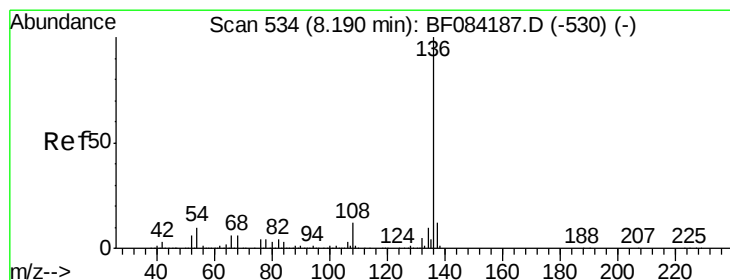
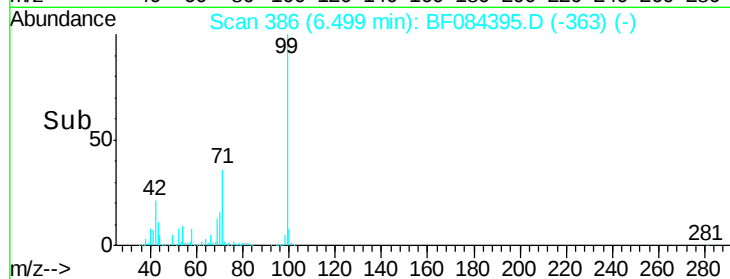
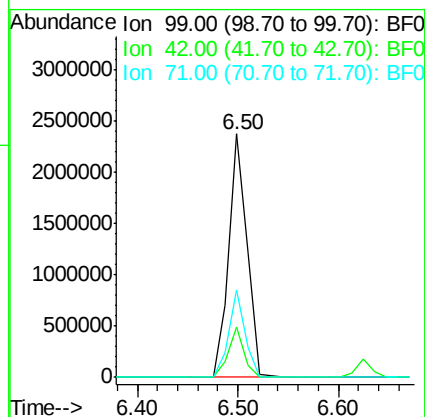
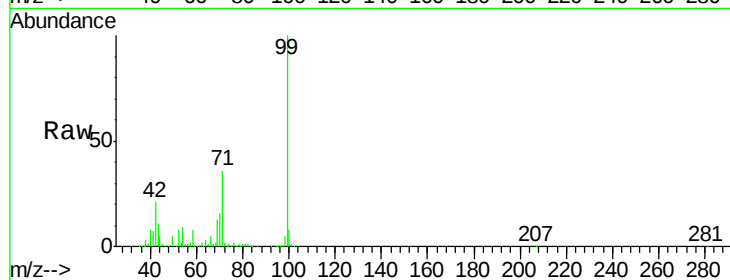
BNA_F

ClientSampleId :

HSR-WC-11-010516

Tgt Ion: 99 Resp: 2983030

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	36.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

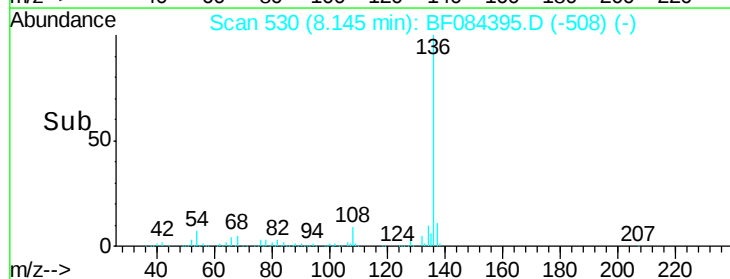
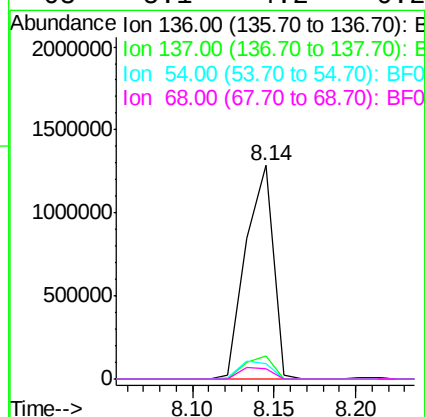
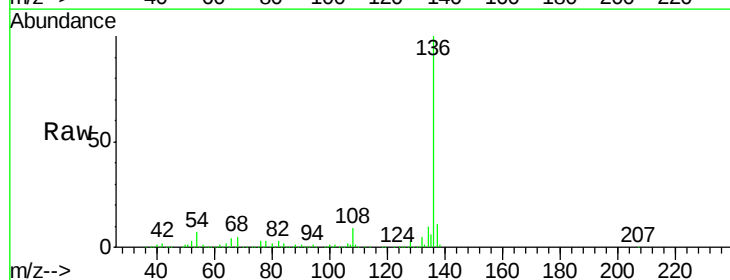
Delta R.T. -0.05 min

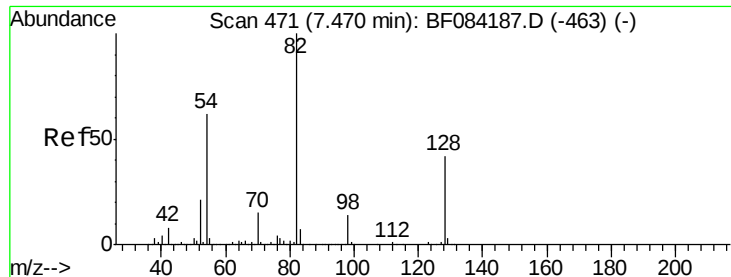
Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Tgt Ion: 136 Resp: 1501779

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	5.8	8.8
68	5.1	4.2	6.2





#23

Nitrobenzene-d5

Concen: 93.09 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Instrument :

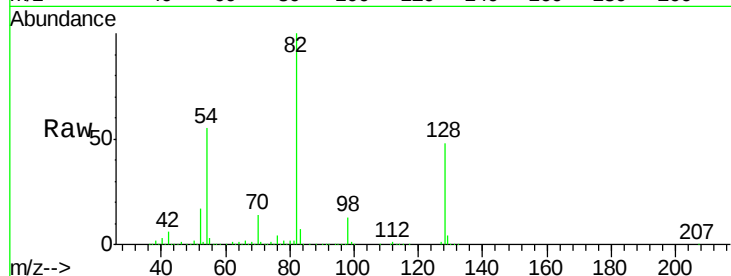
BNA_F

ClientSampleId :

HSR-WC-11-010516

Tgt Ion: 82 Resp: 2512021

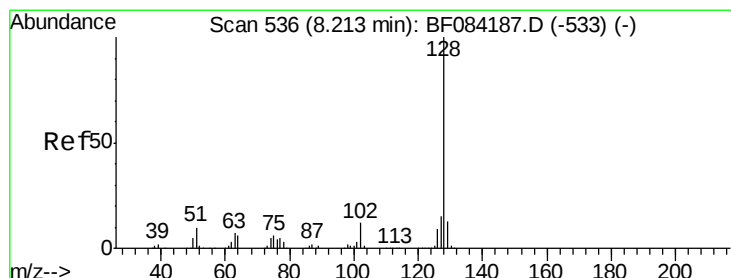
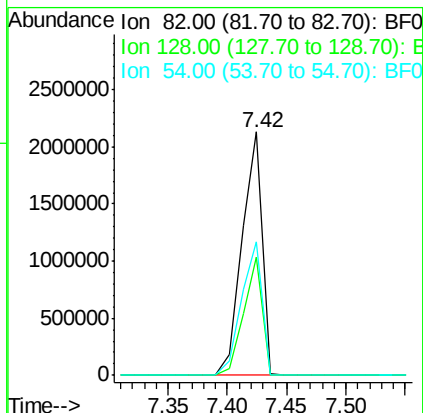
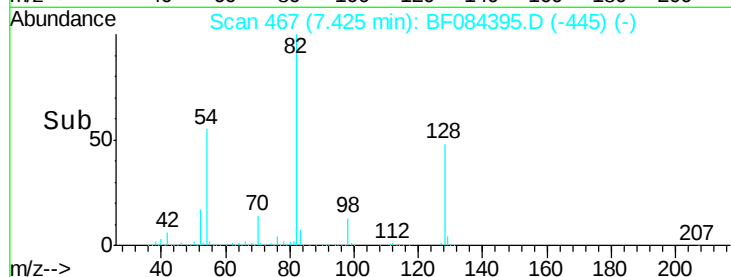
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	51.8
54	54.7	38.4	57.6



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



#31

Naphthalene

Concen: 26.69 ng

RT: 8.17 min Scan# 532

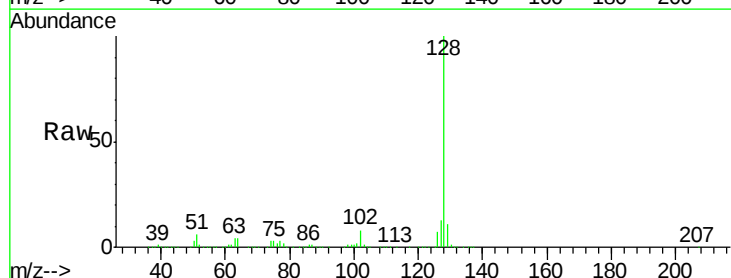
Delta R.T. -0.05 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Tgt Ion: 128 Resp: 1818417

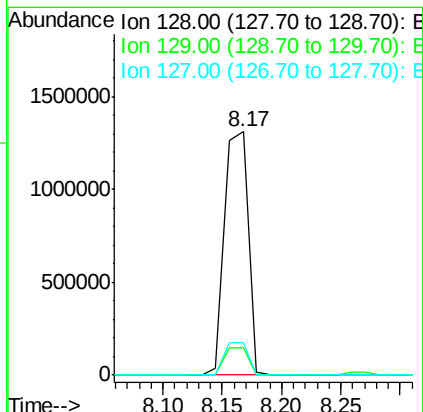
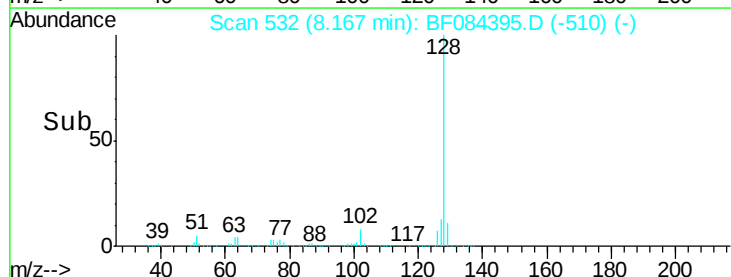
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	11.1	16.7

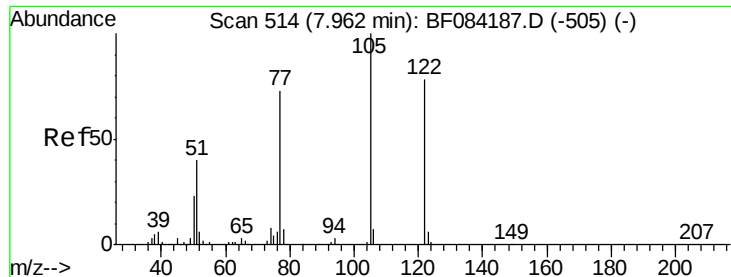


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

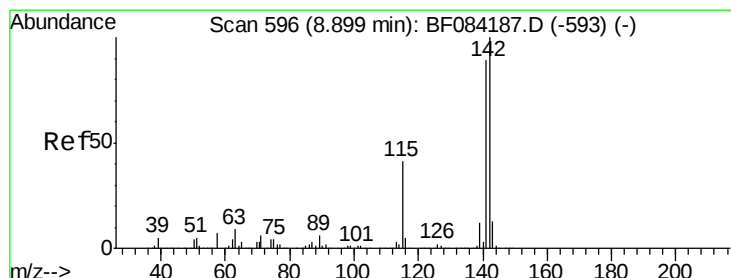
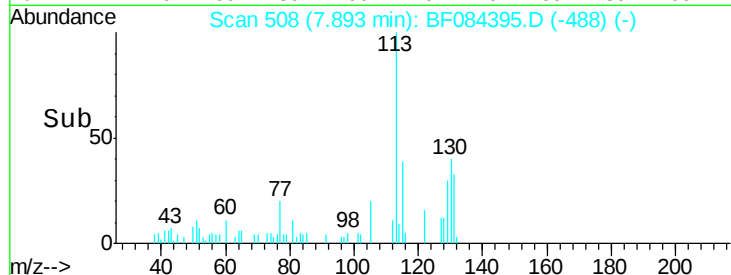
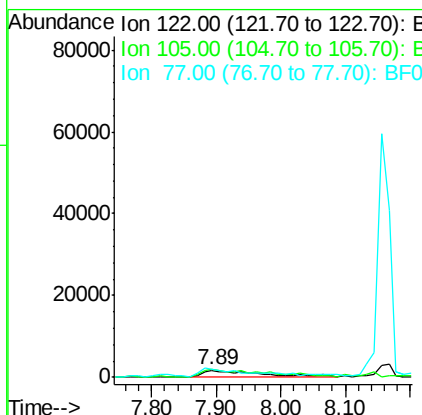
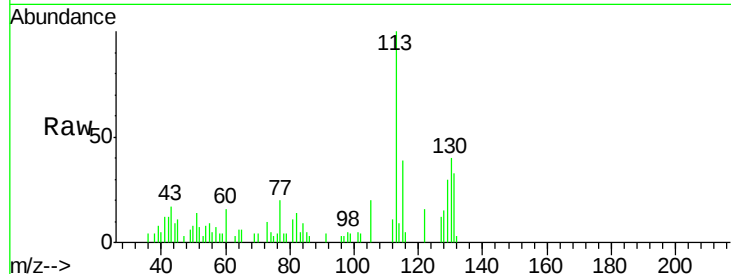




#32
Benzoic acid
Concen: 6.86 ng m
RT: 7.89 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF084395.D
Acq: 11 Jan 2016 22:54

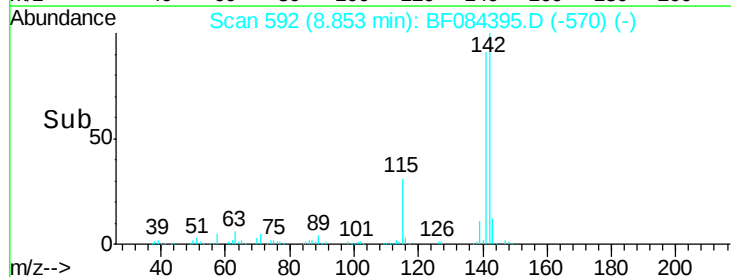
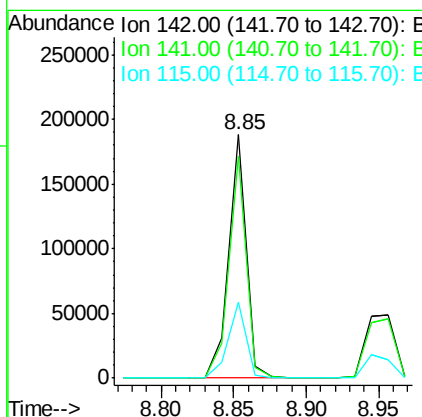
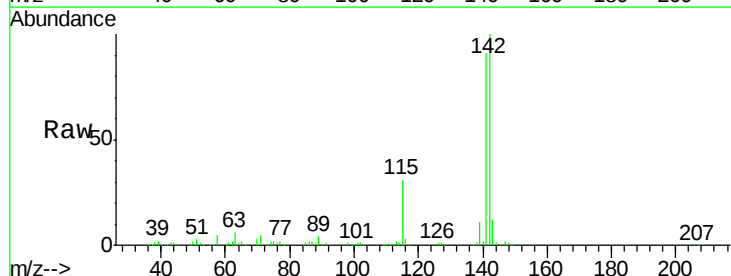
Instrument :
BNA_F
ClientSampleId :
HSR-WC-11-010516

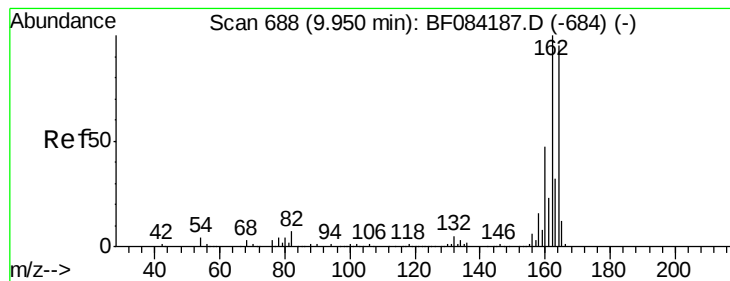
Tgt Ion:122 Resp: 11439
Ion Ratio Lower Upper
122 100
105 119.4 100.3 140.3
77 119.8 63.5 103.5#



#37
2-Methylnaphthalene
Concen: 3.24 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084395.D
Acq: 11 Jan 2016 22:54

Tgt Ion:142 Resp: 158383
Ion Ratio Lower Upper
142 100
141 91.4 72.4 108.6
115 31.1 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Instrument :

BNA_F

ClientSampleId :

HSR-WC-11-010516

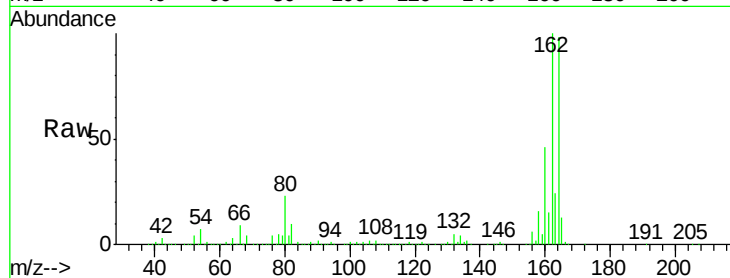
Tgt Ion:164 Resp: 682285

Ion Ratio Lower Upper

164 100

162 101.9 85.1 127.7

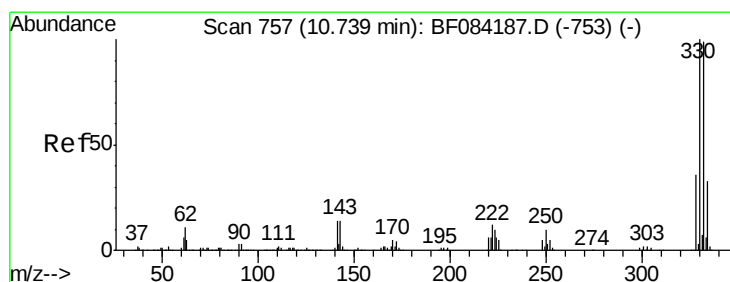
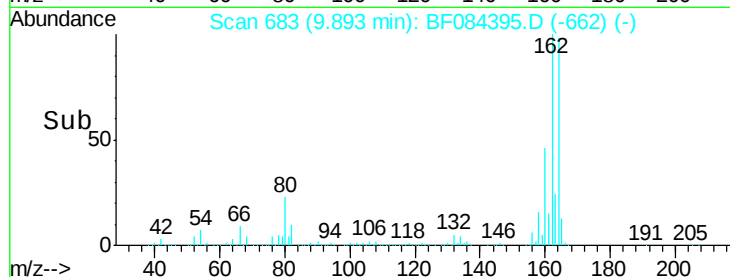
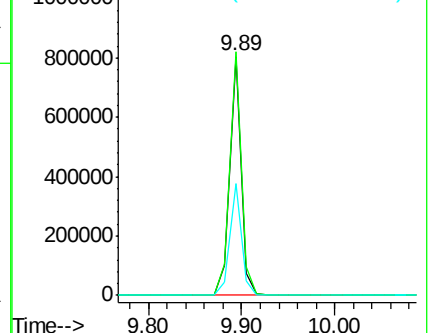
160 47.1 37.5 56.3



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: 112.62 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

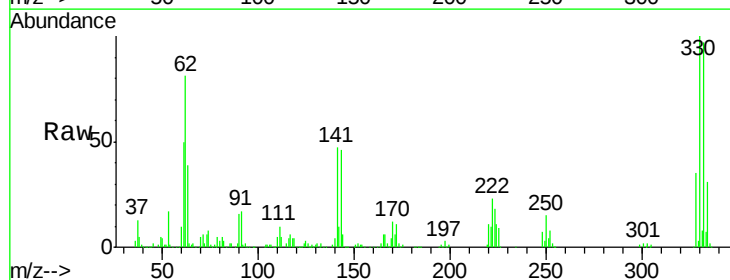
Tgt Ion:330 Resp: 775755

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

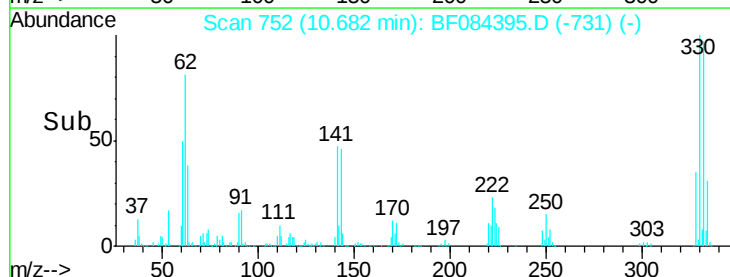
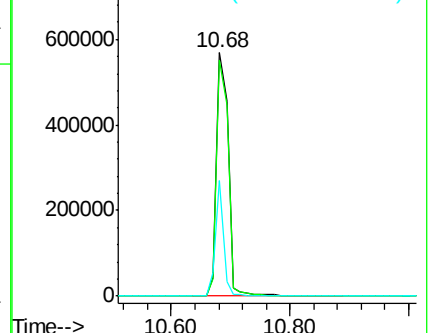
141 33.3 27.8 41.6

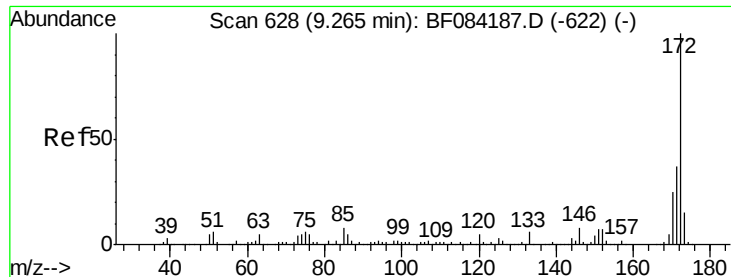


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

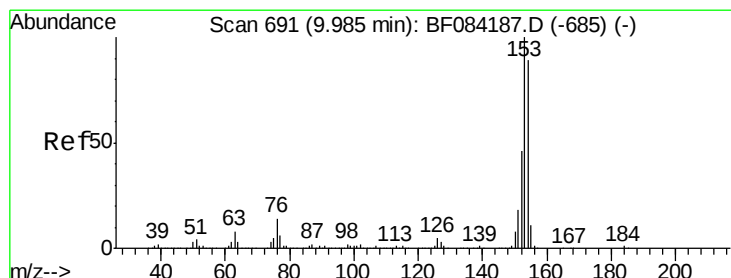
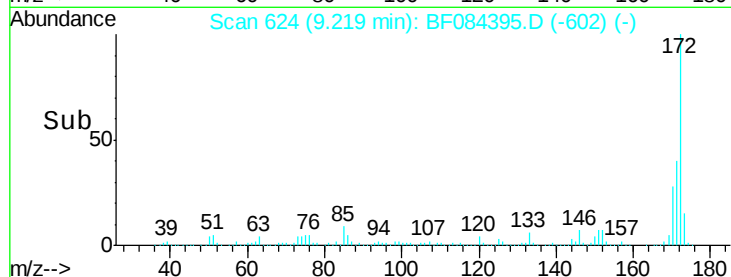
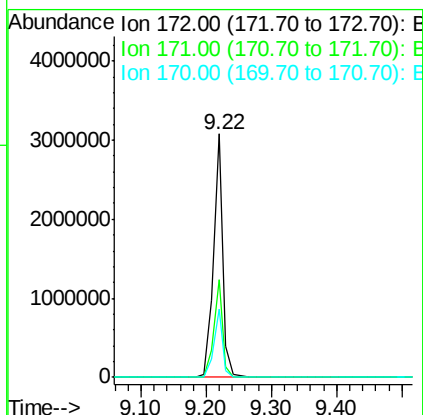
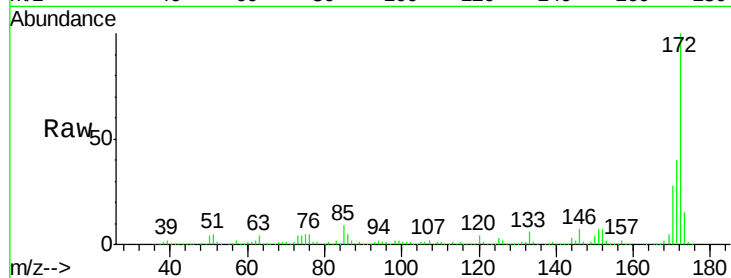




#44
 2-Fluorobiphenyl
 Concen: 81.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084395.D
 Acq: 11 Jan 2016 22:54

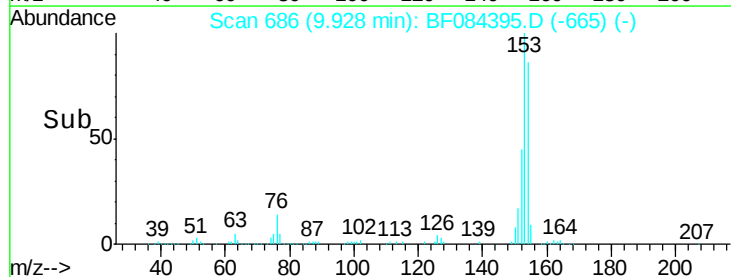
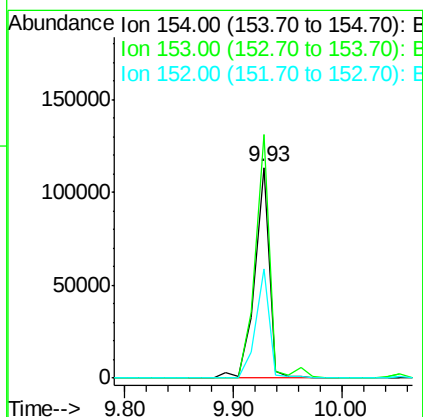
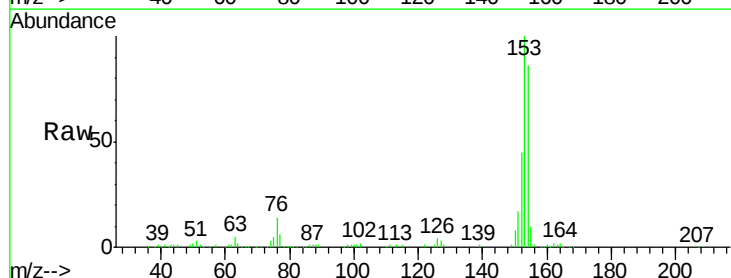
Instrument :
 BNA_F
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 HSR-WC-11-010516

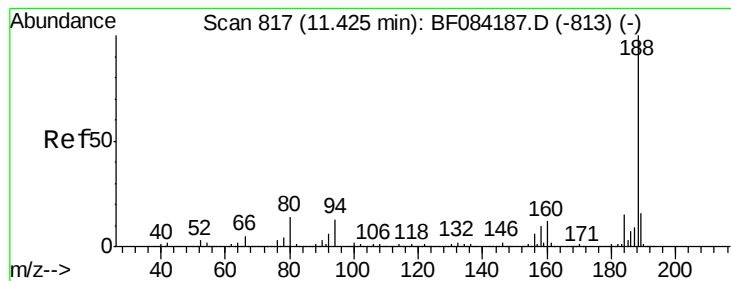
Tgt Ion:172 Resp: 3159142
 Ion Ratio Lower Upper
 172 100
 171 40.2 28.9 43.3
 170 28.0 18.6 27.8#



#51
 Acenaphthene
 Concen: 2.54 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.06 min
 Lab File: BF084395.D
 Acq: 11 Jan 2016 22:54

Tgt Ion:154 Resp: 107078
 Ion Ratio Lower Upper
 154 100
 153 115.6 91.5 137.3
 152 51.9 43.0 64.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

Instrument :

BNA_F

ClientSampleId :

HSR-WC-11-010516

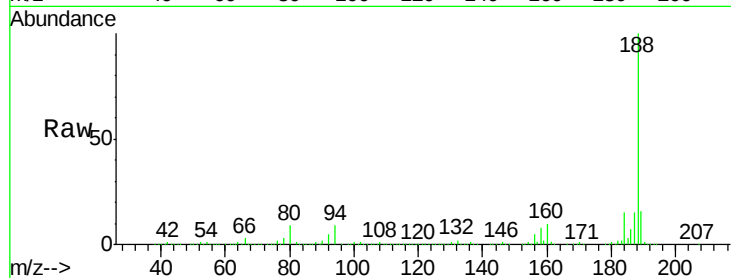
Tgt Ion:188 Resp: 1092832

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

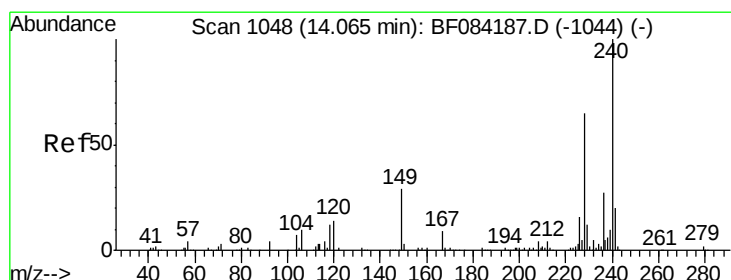
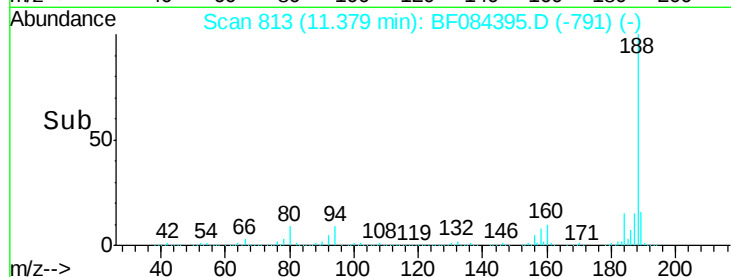
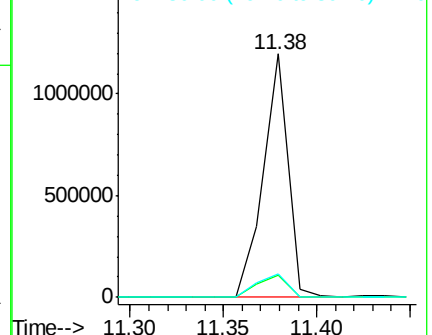
80 9.4 9.6 14.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084395.D

Acq: 11 Jan 2016 22:54

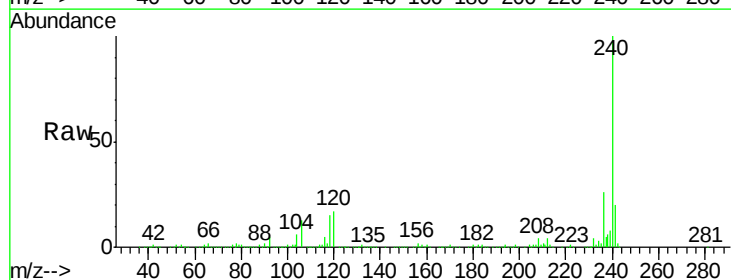
Tgt Ion:240 Resp: 673264

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

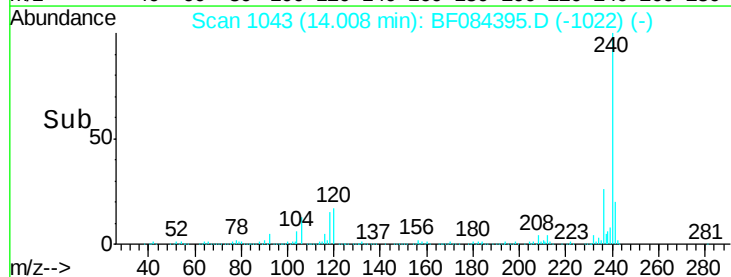
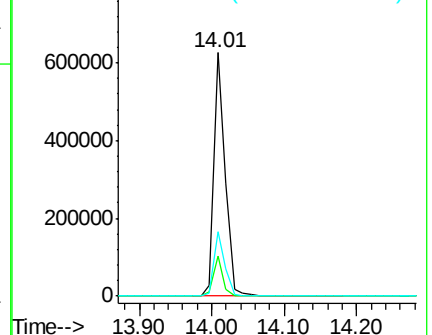
236 26.3 20.6 31.0

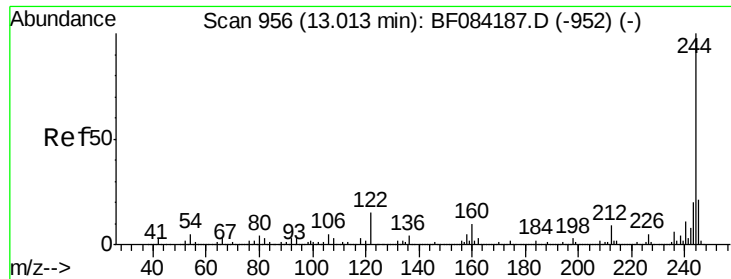


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

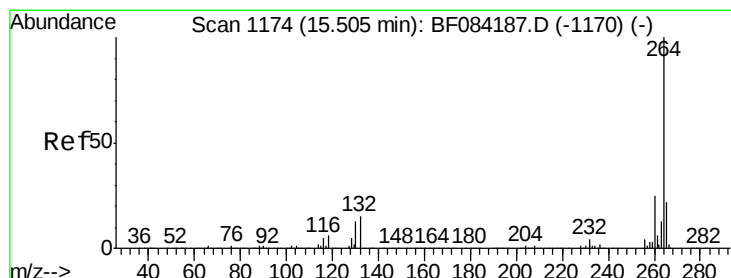
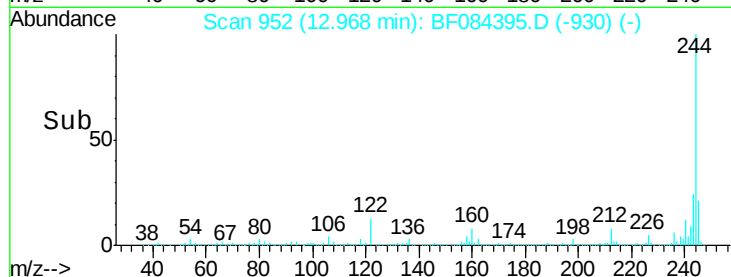
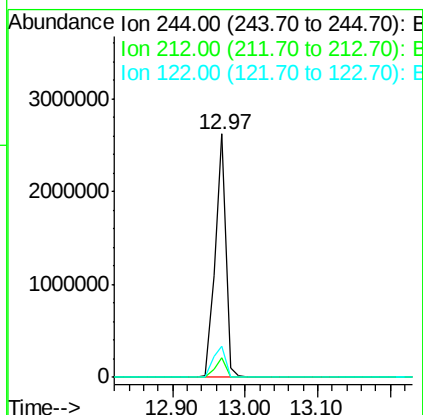
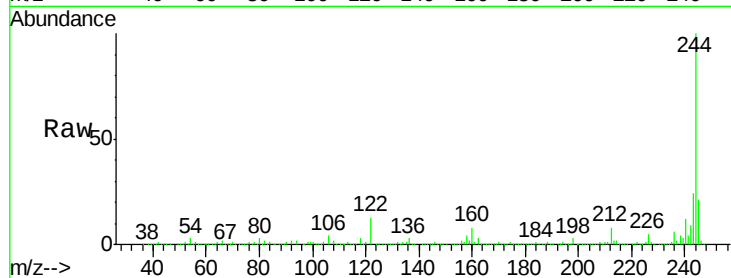




#78
 Terphenyl-d14
 Concen: 88.24 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084395.D
 Acq: 11 Jan 2016 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-11-010516

Tgt Ion:244 Resp: 2661337
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084395.D
 Acq: 11 Jan 2016 22:54

Tgt Ion:264 Resp: 585799
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.6 17.8 26.6

