

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087745.D
 Acq On : 6 Jun 2016 11:44
 Operator : UM/SJ
 Sample : H3372-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

Manual Integrations
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Quant Time: Jun 06 16:24:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	105570	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	464644	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	198937	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	417633	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	359910	20.00	ng	-0.02
86) Perylene-d12	15.42	264	113915	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	739279	113.19	ng	0.01
7) Phenol-d6	6.49	99	1034102	126.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	699436	87.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	291549	146.00	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1140250	89.53	ng	-0.02
78) Terphenyl-d14	12.96	244	1103830	74.84	ng	-0.01
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	6.79	146	21627	2.69	ng	99
13) 1,4-Dichlorobenzene	6.87	146	56321	6.98	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	173460	26.06	ng	96

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

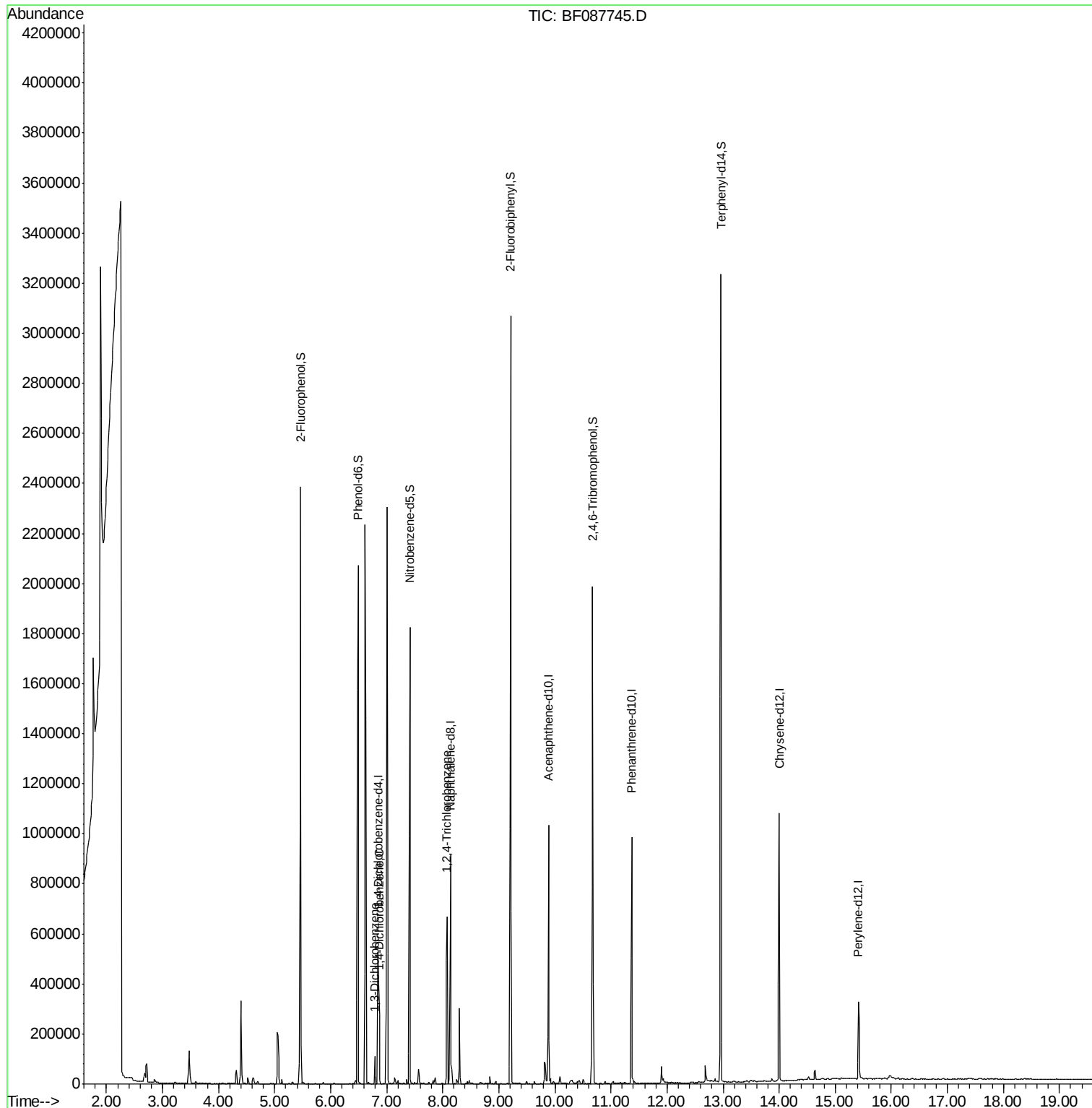
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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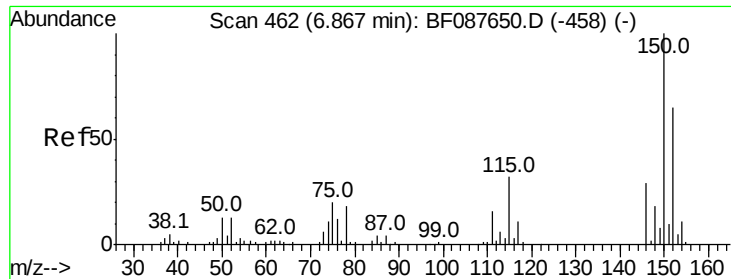
Instrument :
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Response via : Initial Calibration





#1

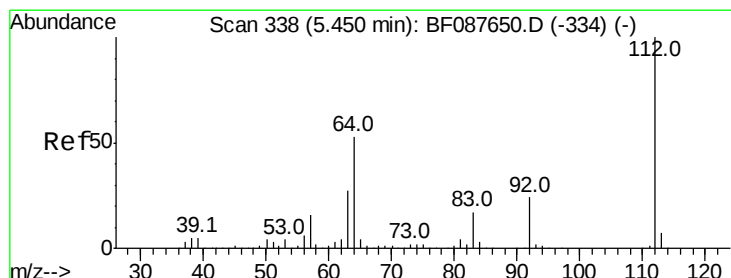
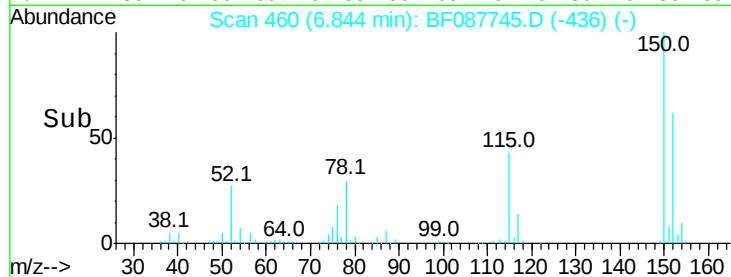
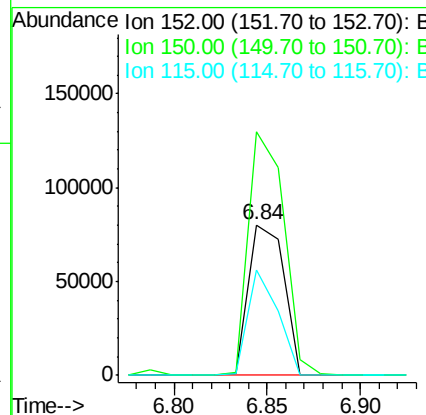
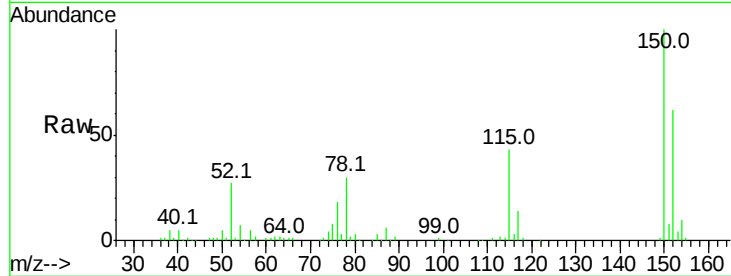
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	123.8	185.6
115	69.8	39.6	59.4

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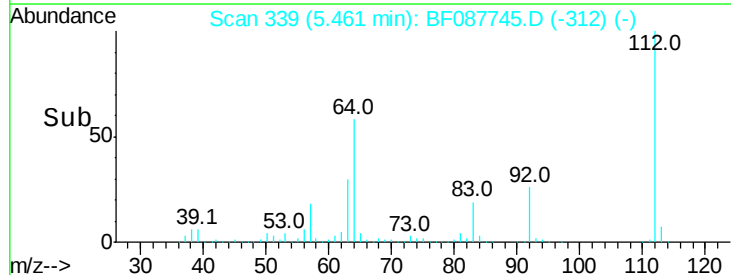
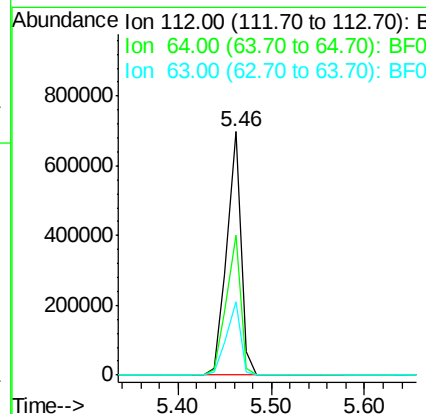
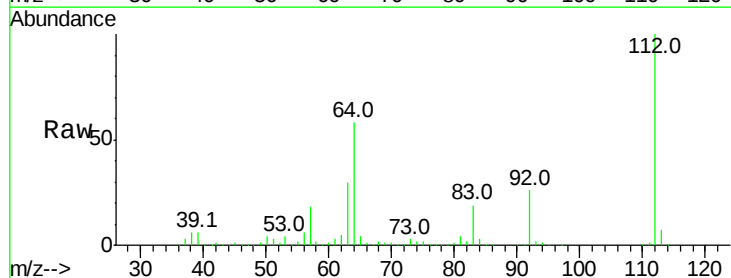
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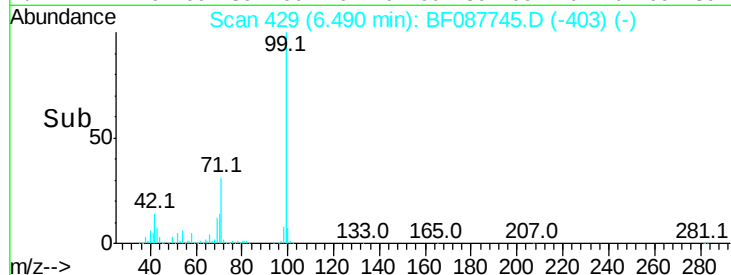
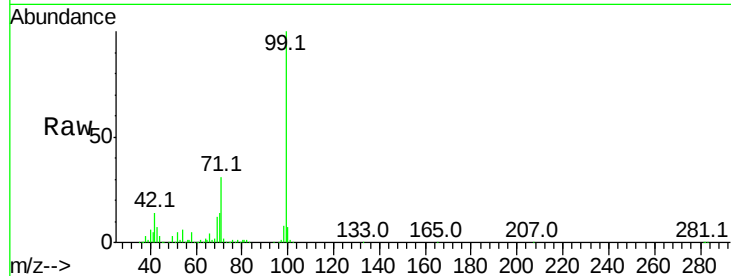
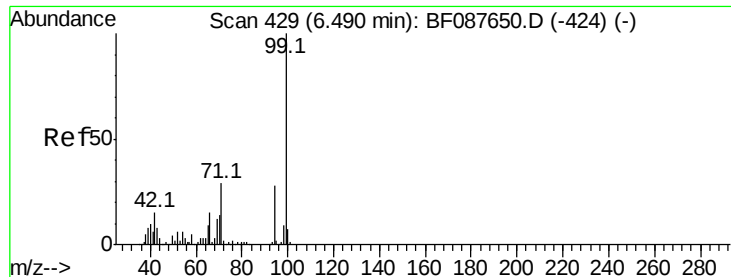


#5

2-Fluorophenol
Concen: 113.19 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	30.2	21.8	32.8





#7

Phenol-d6

Concen: 126.25 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Tot Ion:	99	Resp:	1034102
Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	30.7	23.4	35.0

Instrument :

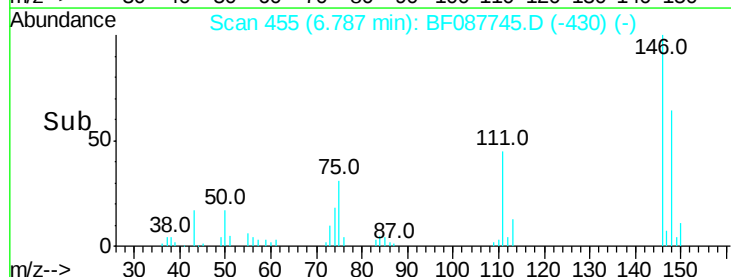
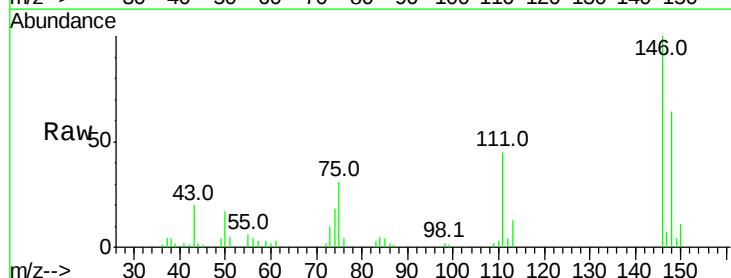
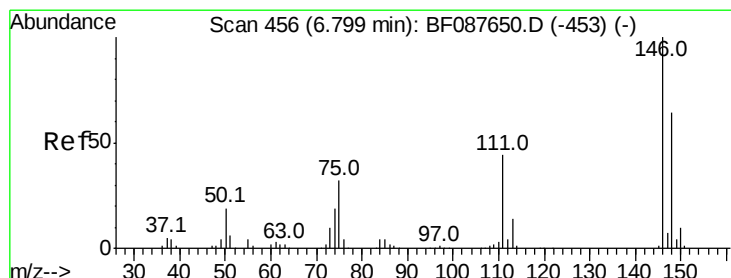
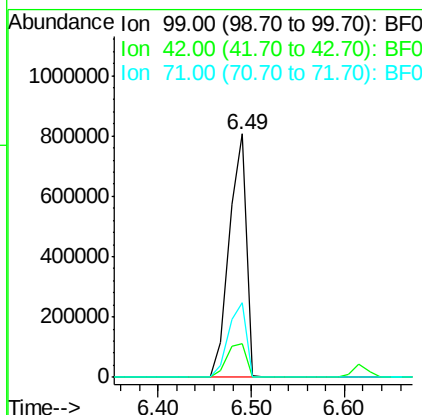
BNA_F

ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 2.69 ng

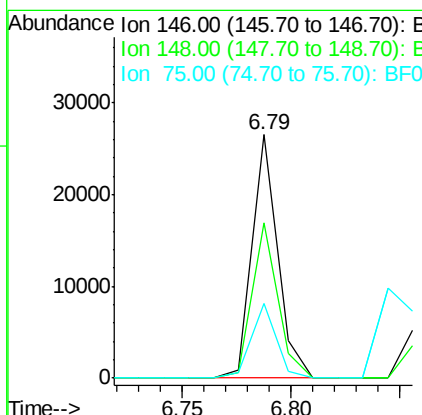
RT: 6.79 min Scan# 455

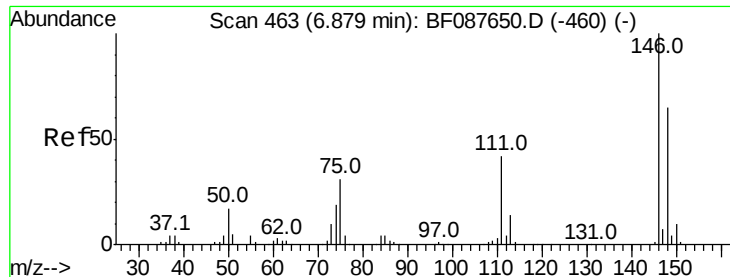
Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Tgt Ion:	146	Resp:	21627
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	30.7	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 6.98 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Instrument :

BNA_F

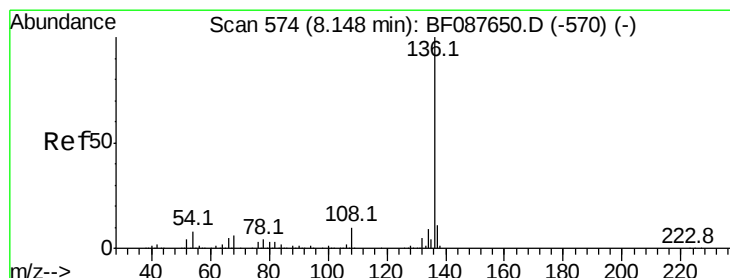
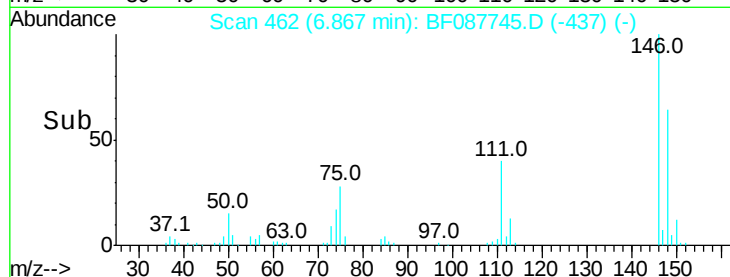
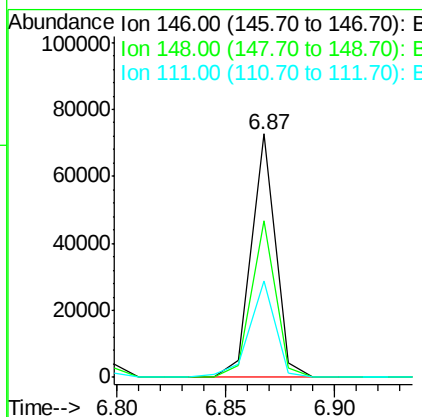
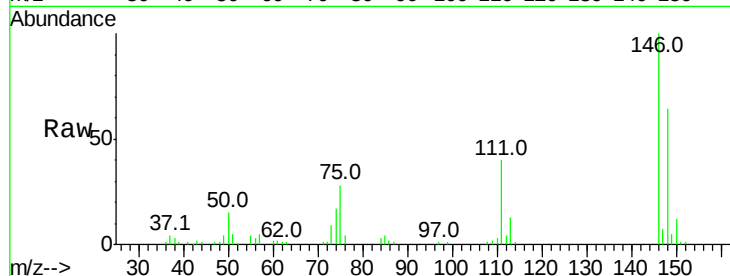
ClientSampleId :

HSR-WC-49-060116

Tot Ion:	146	Resp:	56321
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.0	78.0
111	39.7	33.8	50.8

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#21

Naphthalene-d8

Concen: 20.00 ng

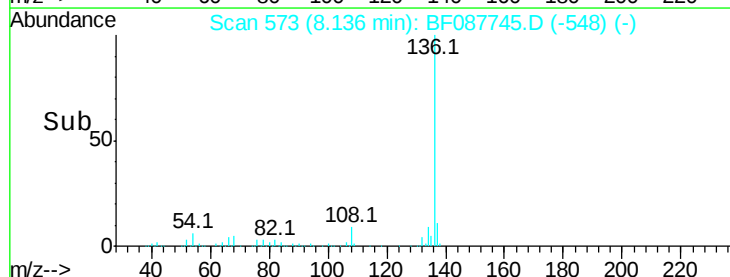
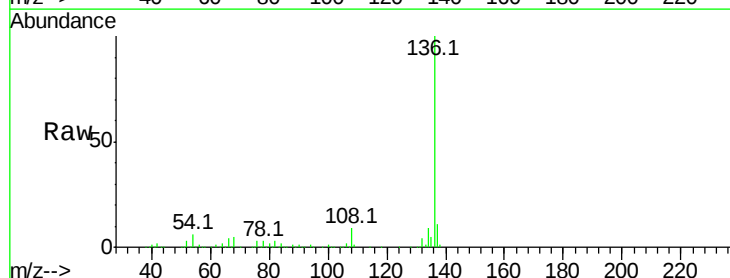
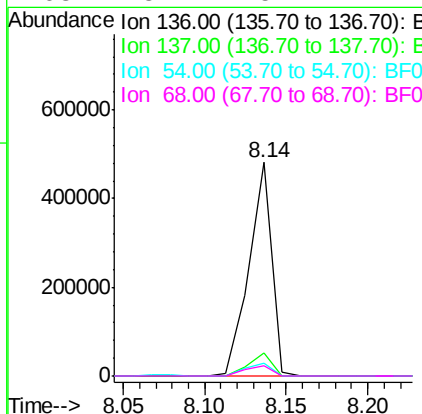
RT: 8.14 min Scan# 573

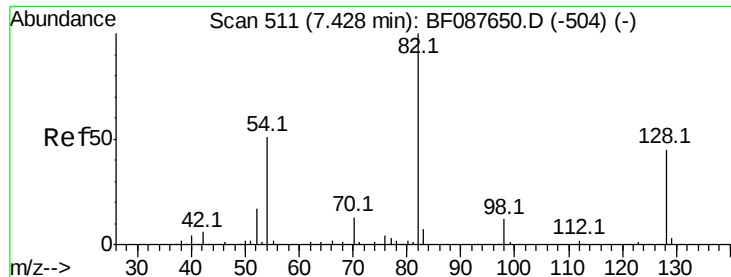
Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Tgt Ion:	136	Resp:	464644
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	6.1	6.6	10.0#
68	5.1	5.1	7.7#





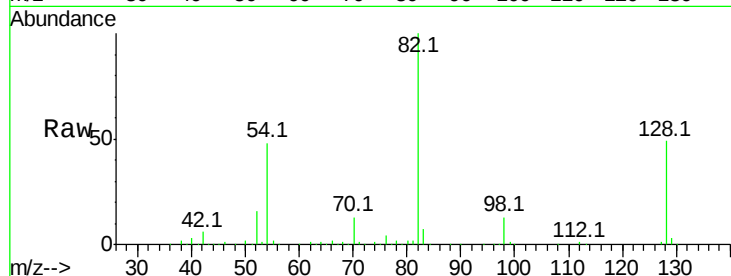
#23
Nitrobenzene-d5
Concen: 87.09 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

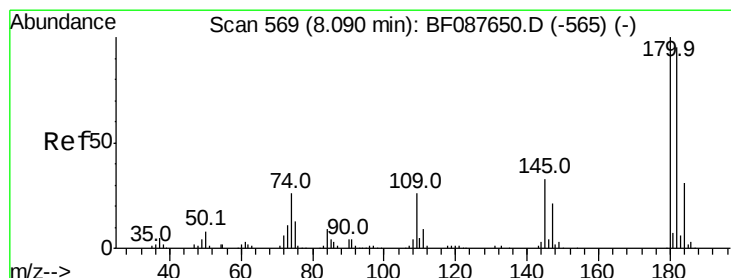
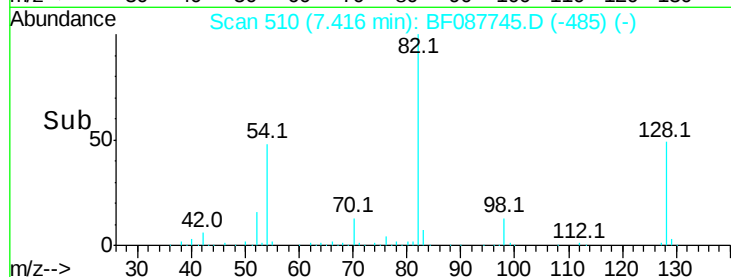
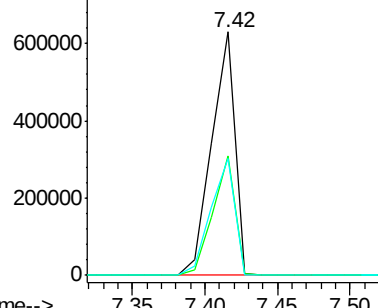
Tot Ion	Ratio	Resp	Lower	Upper
82	100	699436		
128	48.9	35.9	53.9	
54	48.2	40.9	61.3	

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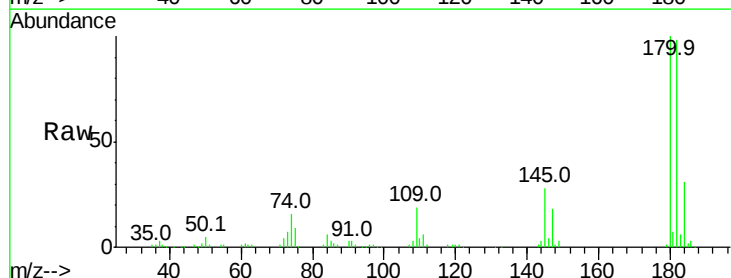


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

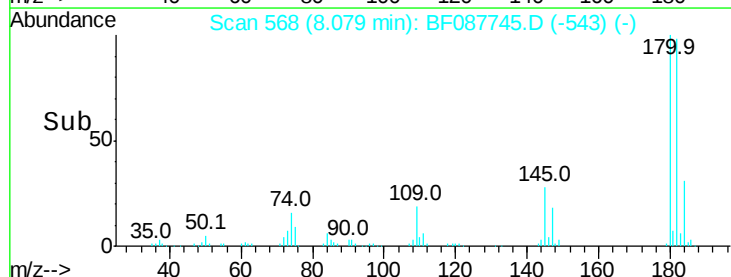
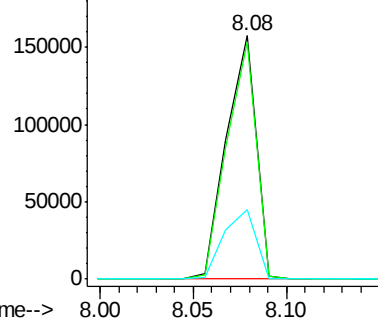


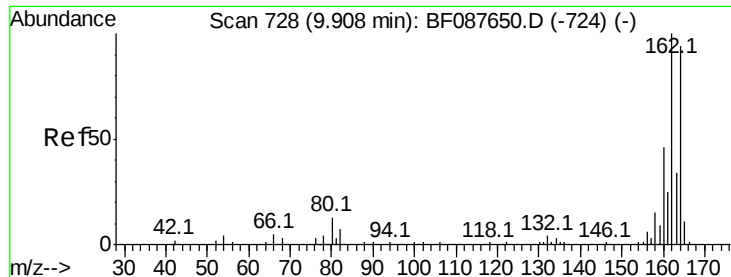
#30
1,2,4-Trichlorobenzene
Concen: 26.06 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173460		
182	97.6	76.0	114.0	
145	28.3	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





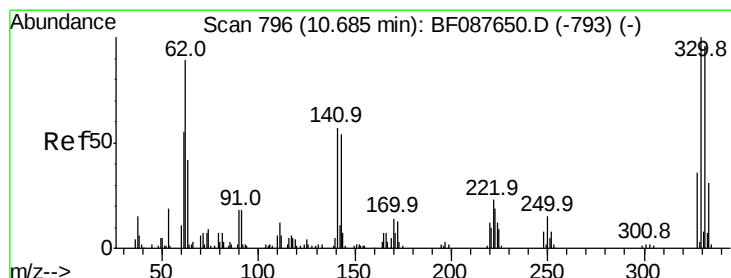
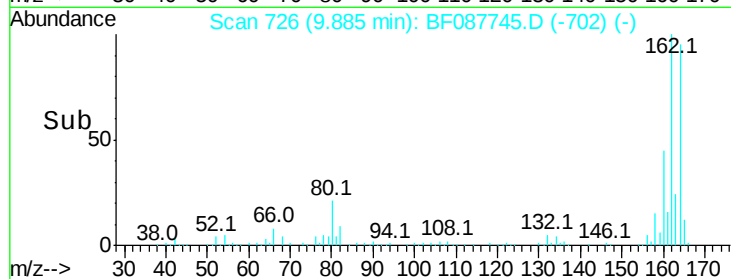
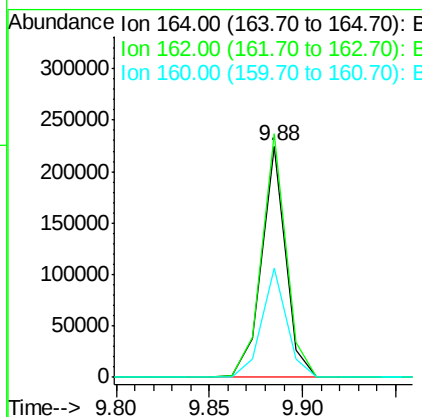
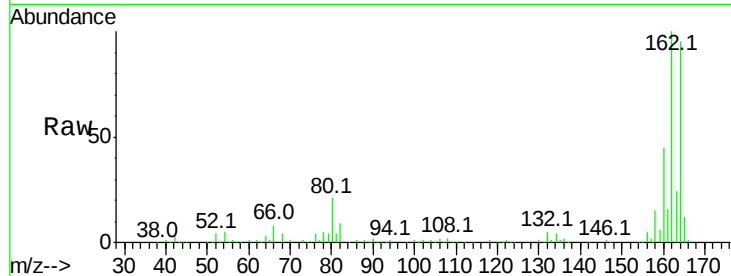
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

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Tot Ion:	164	Resp:	198937
Ion Ratio	Lower	Upper	
164	100		
162	105.4	85.4	128.2
160	47.5	39.5	59.3

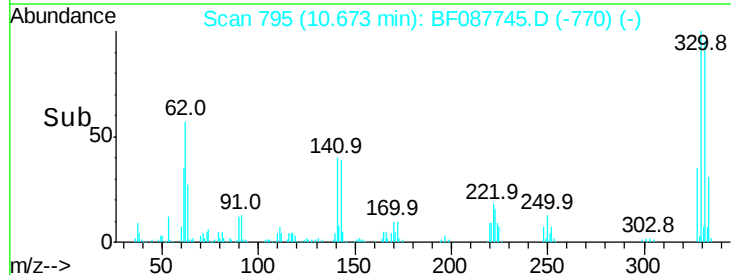
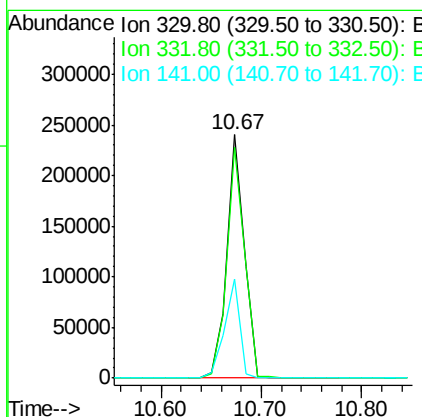
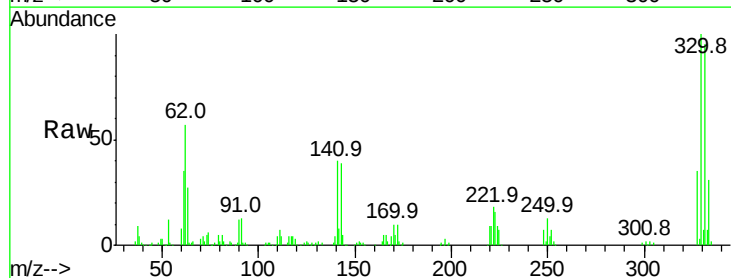
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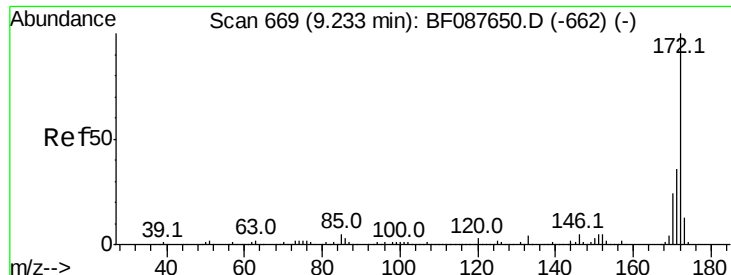
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#41
 2,4,6-Tribromophenol
 Concen: 146.00 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion:	330	Resp:	291549
Ion Ratio	Lower	Upper	
330	100		
332	96.4	0.0	0.0#
141	35.3	0.0	0.0#





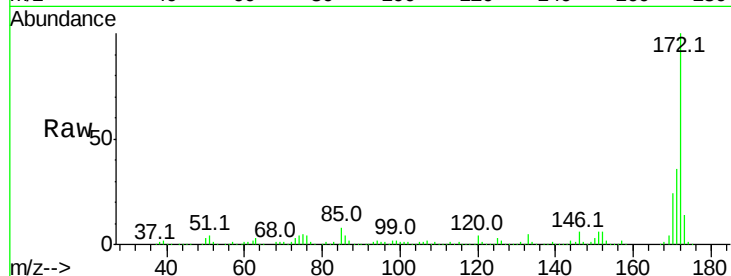
#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116

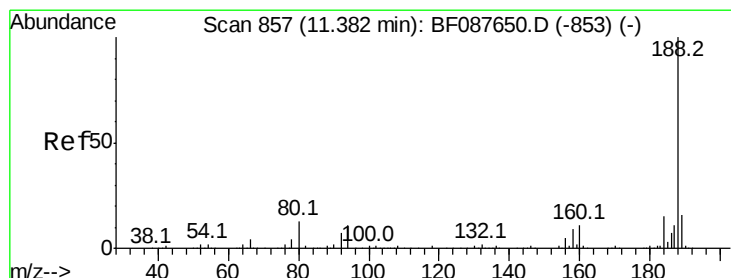
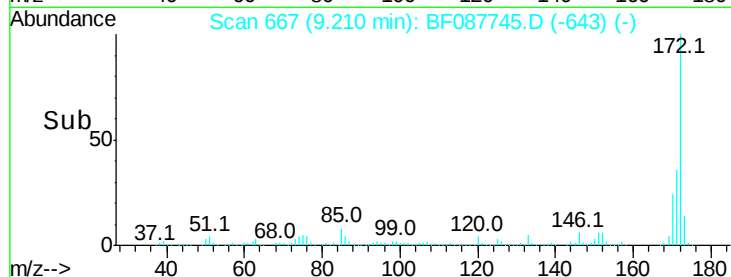
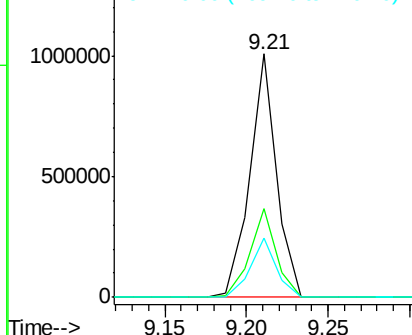
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.2	28.8

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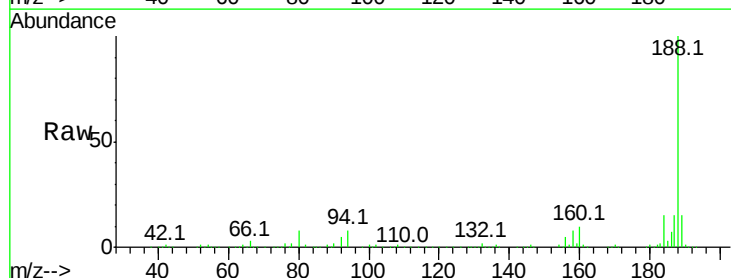


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

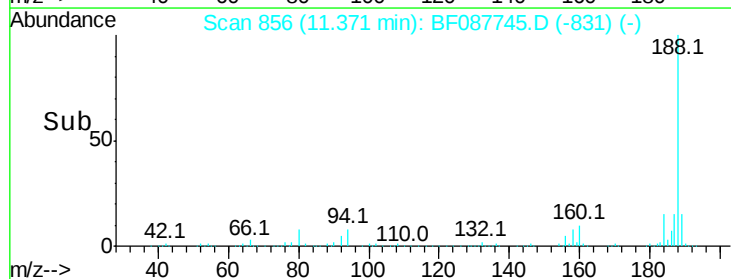
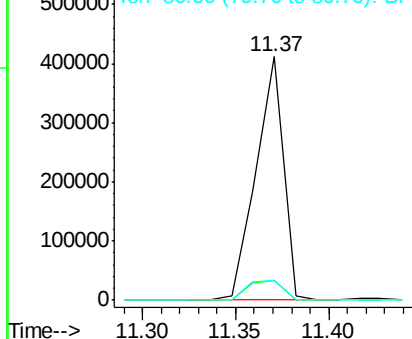


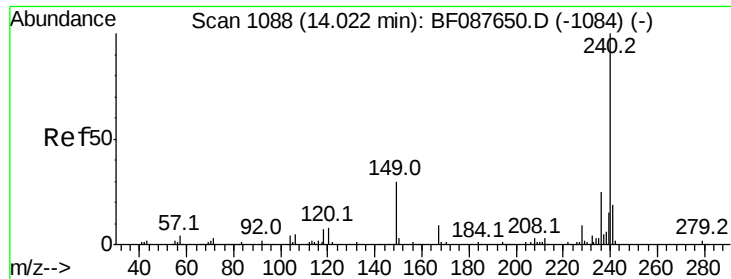
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087745.D
 Acq: 6 Jun 2016 11:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.0	10.0	15.0#



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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

Instrument :

BNA_F

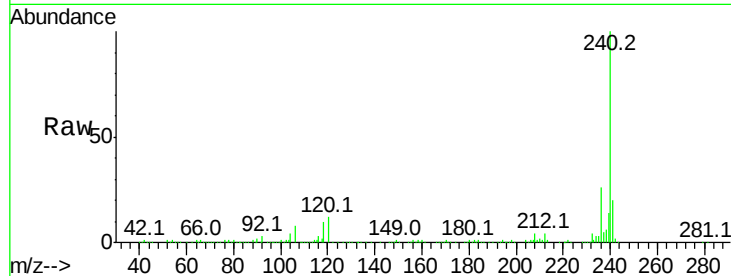
ClientSampleId :

HSR-WC-49-060116

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.9	6.8	10.2	
236	26.1	20.2	30.2	

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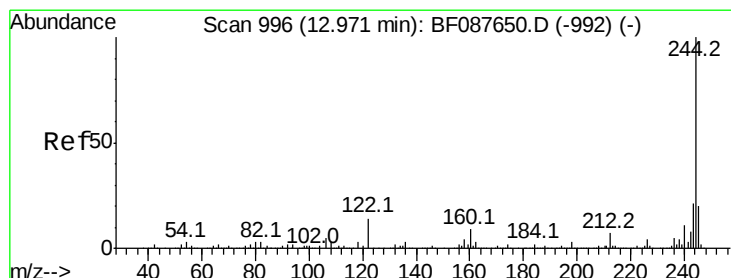
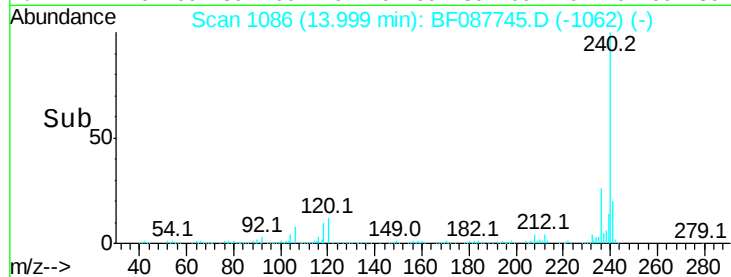
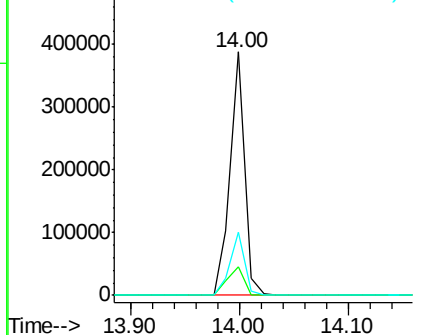
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 74.84 ng

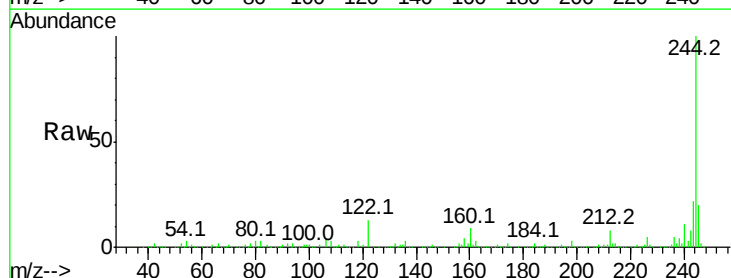
RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087745.D

Acq: 6 Jun 2016 11:44

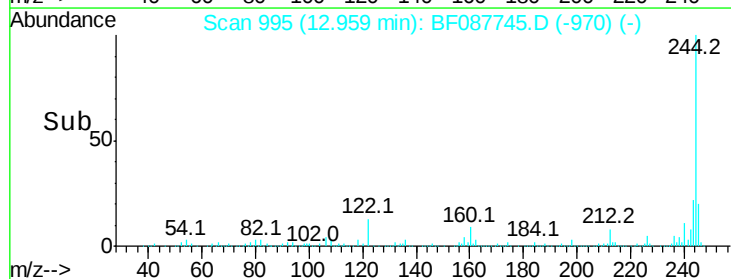
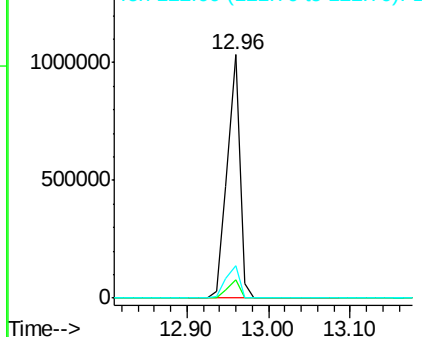
Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	6.0	9.0	
122	13.2	11.2	16.8	

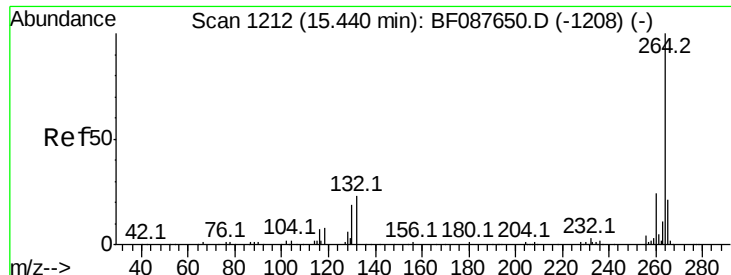


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087745.D
Acq: 6 Jun 2016 11:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116

Tot Ion:	264	Resp:	113915
Ion Ratio	Lower	Upper	
264	100		
260	26.0	19.2	28.8
265	21.2	16.9	25.3

Manual Integrations
APPROVED

umangi
6/6/2016 7:29:38 PM

