

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079974.D
 Acq On : 13 Jun 2015 12:34
 Operator : TP/IZ
 Sample : G2599-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10

Manual Integrations
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Quant Time: Jun 15 02:18:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42602	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168358	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	95282	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	209630	20.00	ng	-0.02
75) Chrysene-d12	14.97	240	238361	20.00	ng	-0.17
86) Perylene-d12	16.91	264	240893	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	296030	127.42	ng	0.00
7) Phenol-d6	6.98	99	374310	118.25	ng	0.01
23) Nitrobenzene-d5	7.93	82	215412	84.42	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	89726	94.33	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	436090	64.09	ng	0.00
78) Terphenyl-d14	13.67	244	556035	53.78	ng	-0.10
Target Compounds						
49) Dimethylphthalate	10.12	163	71524	9.37	ng	Qvalue 100
87) Benzo(b)fluoranthene	16.35	252	35321m	2.39	ng	
89) Benzo(a)pyrene	16.83	252	29208	2.08	ng	93

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

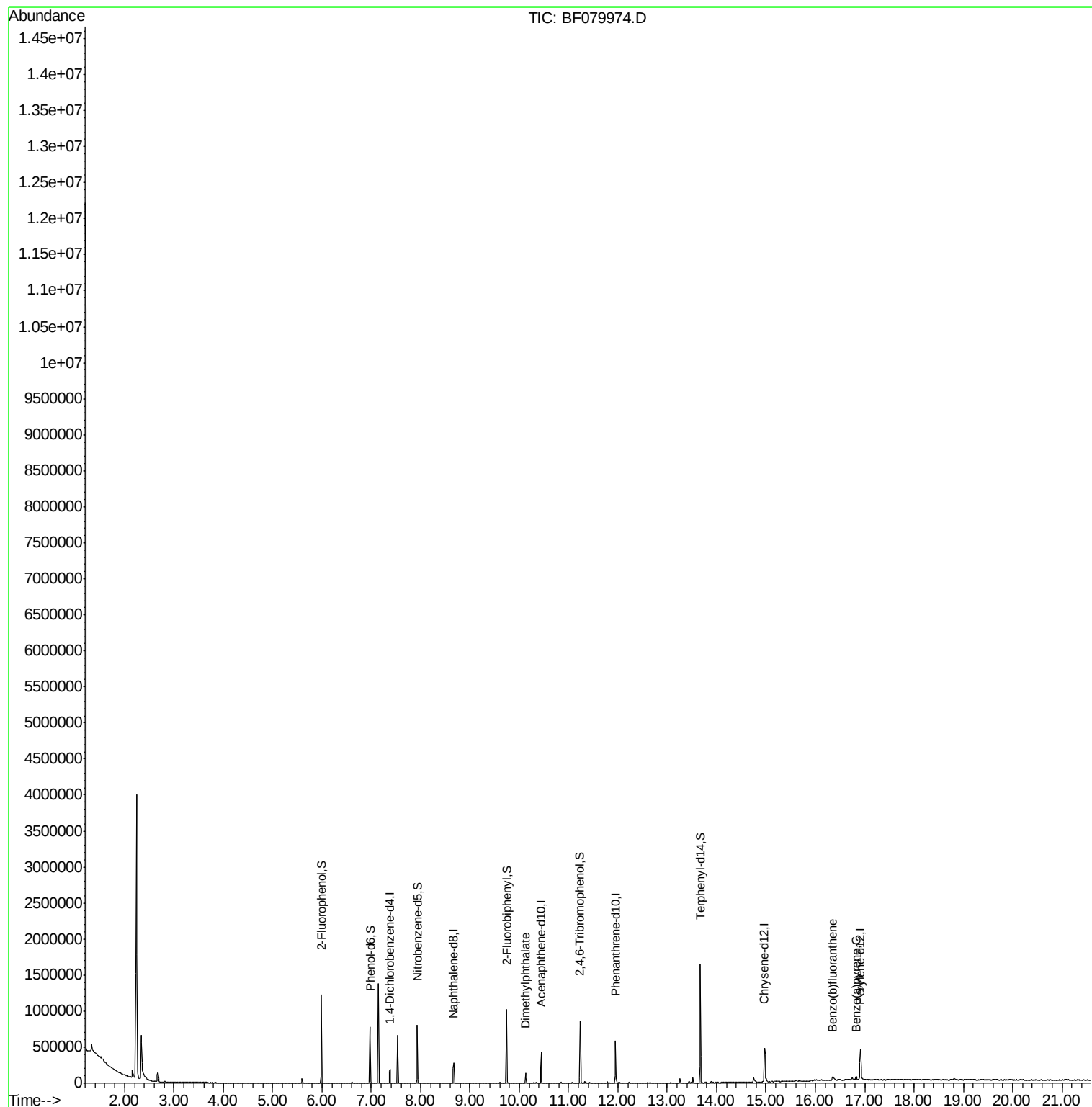
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079974.D

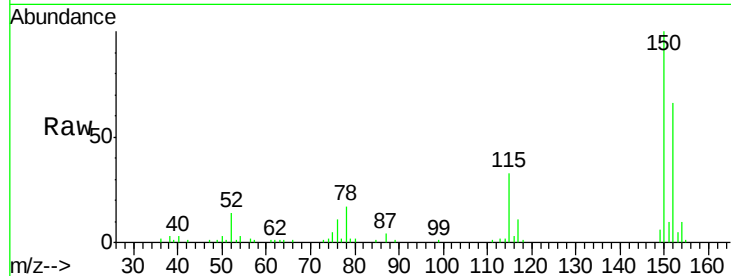
Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

ClientSampleId :

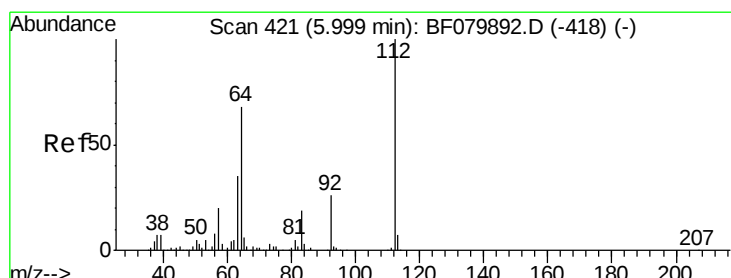
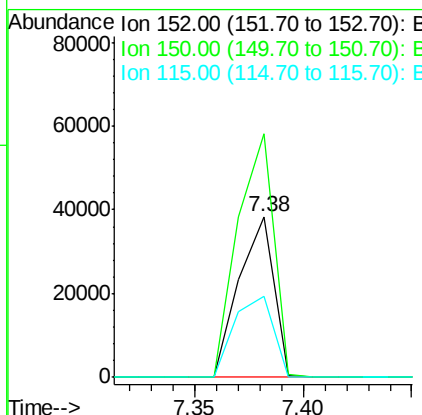
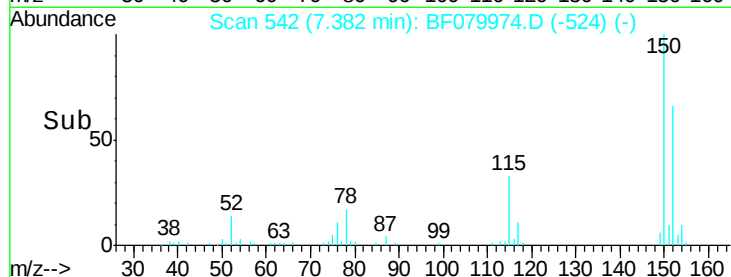
VALHALLA-W1-9.5-10



Tgt Ion:	152	Resp:	42602
Ion Ratio	Lower	Upper	
152	100		
150	151.3	131.0	196.4
115	50.0	49.8	74.6

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#5

2-Fluorophenol

Concen: 127.42 ng

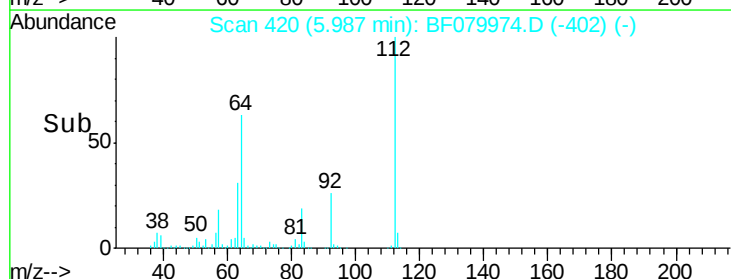
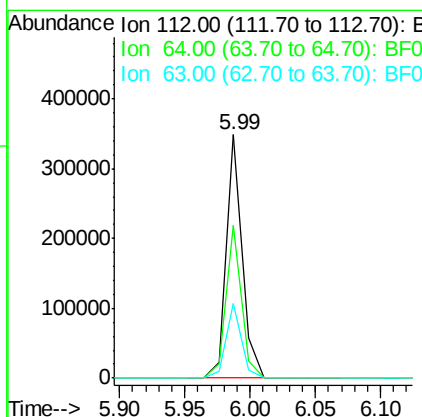
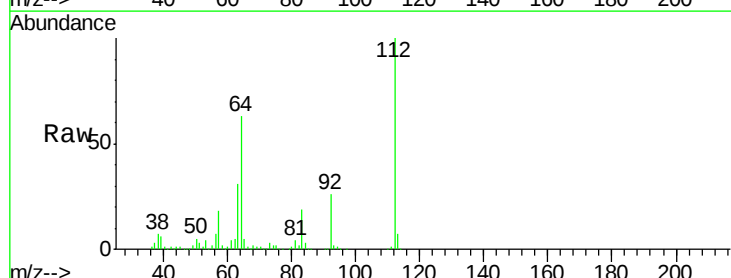
RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Tgt Ion:	112	Resp:	296030
Ion Ratio	Lower	Upper	
112	100		
64	62.6	54.5	81.7
63	30.6	27.9	41.9





#7

Phenol-d6

Concen: 118.25 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

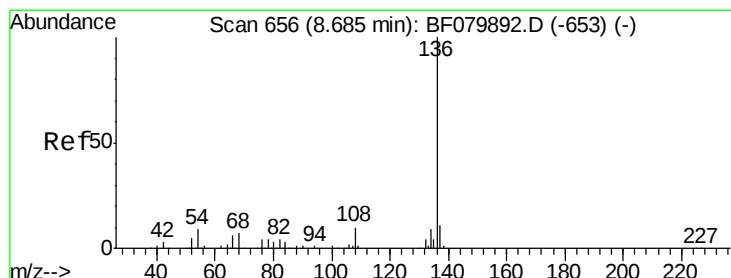
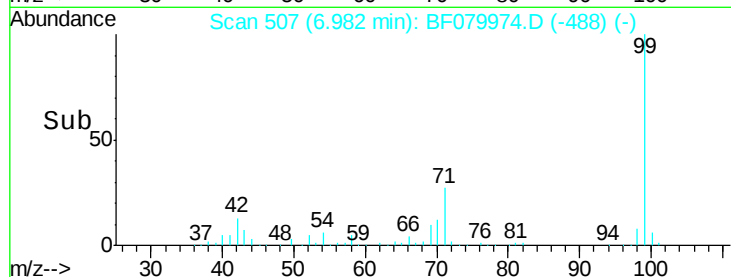
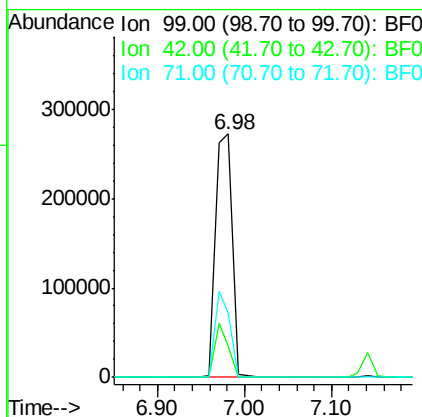
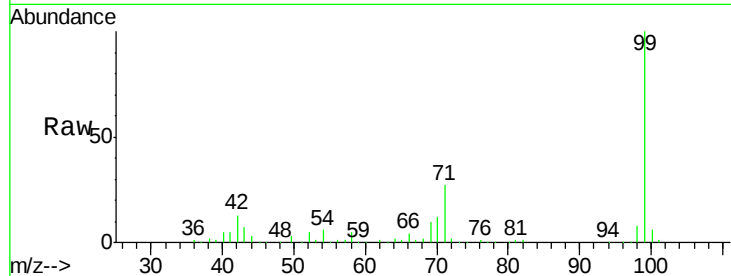
ClientSampleId :

VALHALLA-W1-9.5-10

Tgt Ion:	99	Resp:	374310
Ion Ratio	Lower	Upper	
99	100		
42	12.8	12.9	19.3#
71	26.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

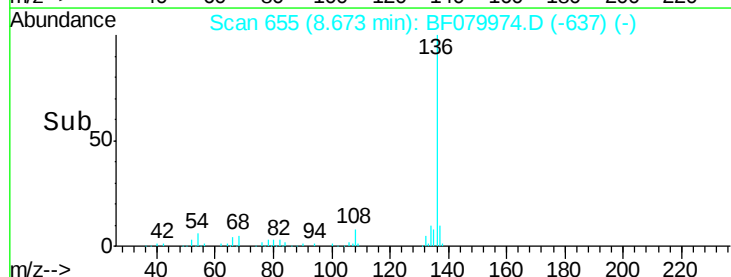
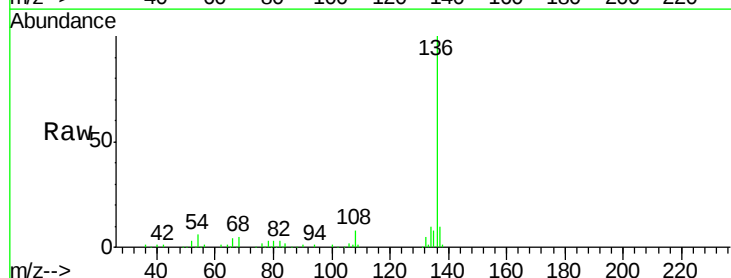
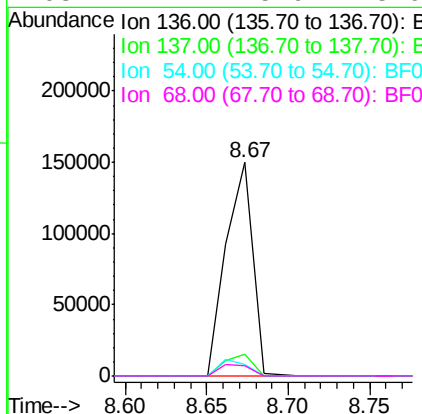
RT: 8.67 min Scan# 655

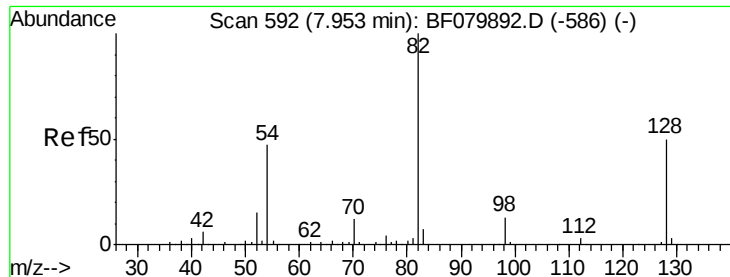
Delta R.T. 0.00 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Tgt Ion:	136	Resp:	168358
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.7	13.1
54	5.6	7.3	10.9#
68	4.7	5.9	8.9#





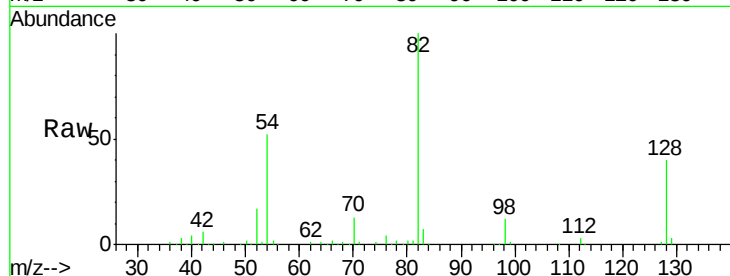
#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10

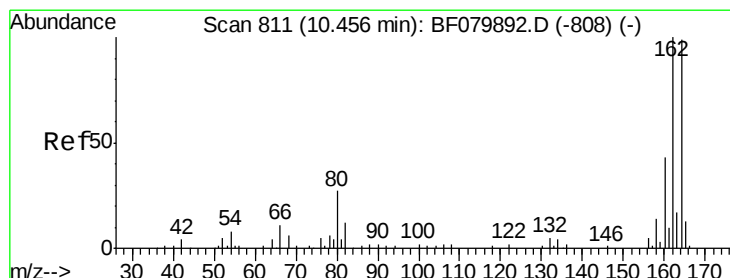
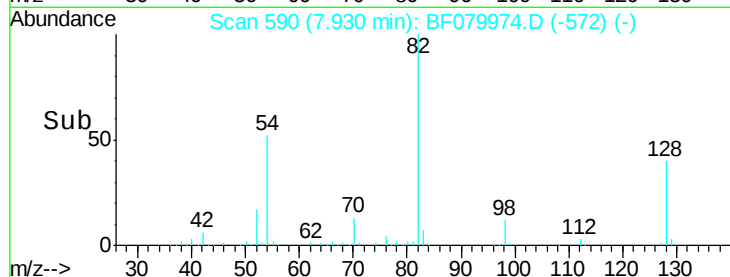
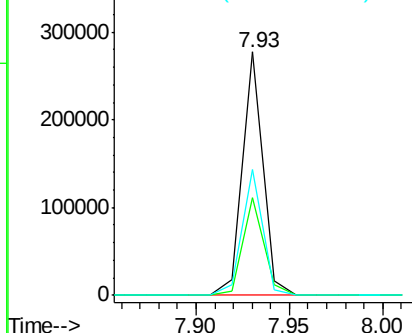
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.3	40.3	60.5#
54	51.8	38.0	57.0

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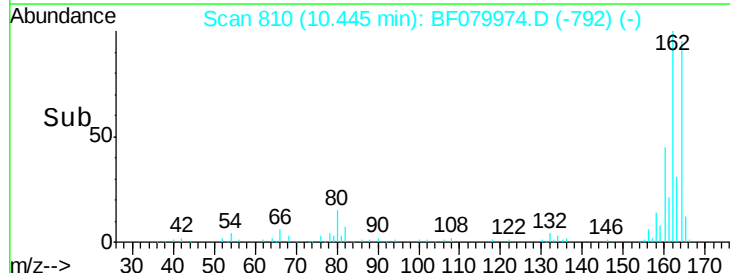
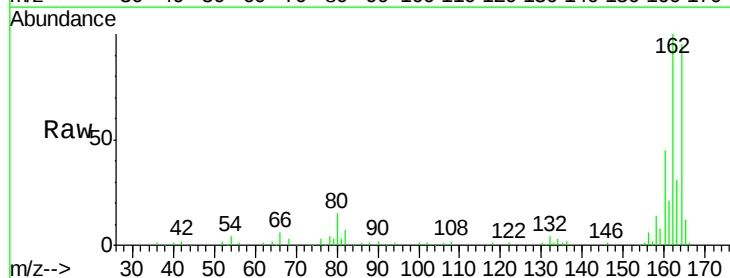
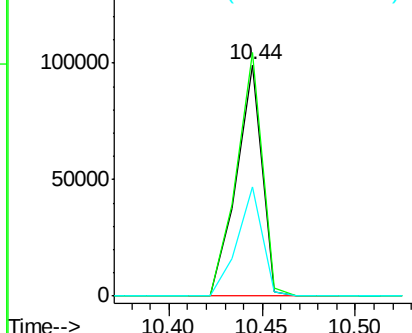
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	105.4	80.7	121.1
160	47.5	34.6	51.8

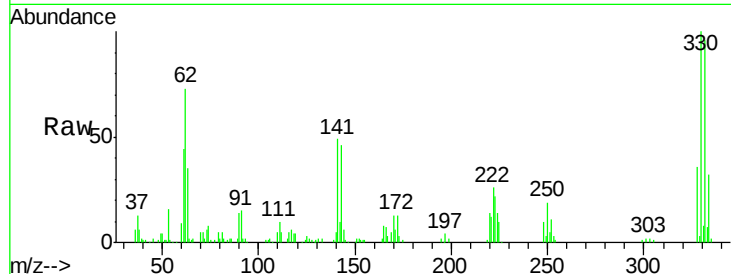
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41
 2,4,6-Tribromophenol
 Concen: 94.33 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

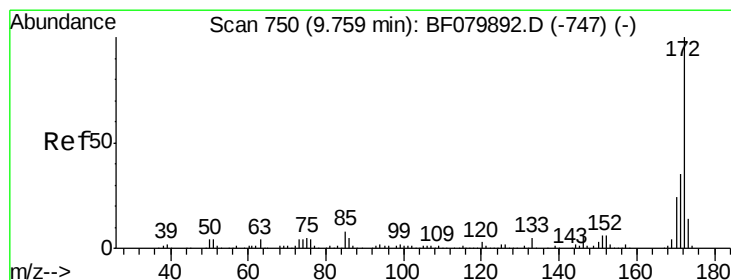
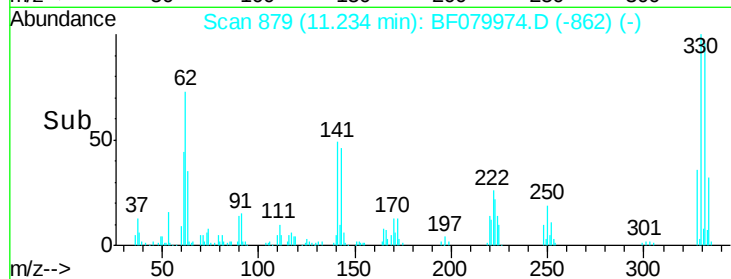
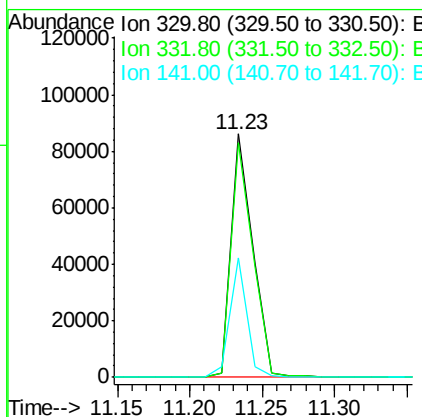
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	89726		
332	96.6	77.3	115.9	
141	38.5	26.8	40.2	

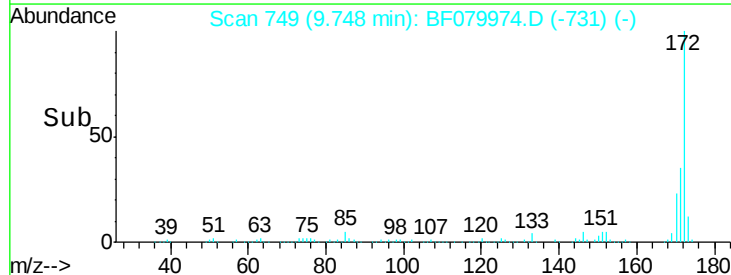
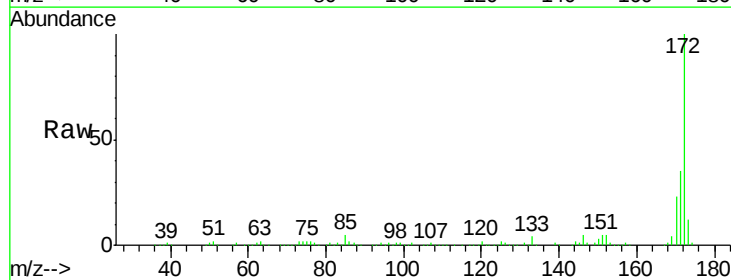
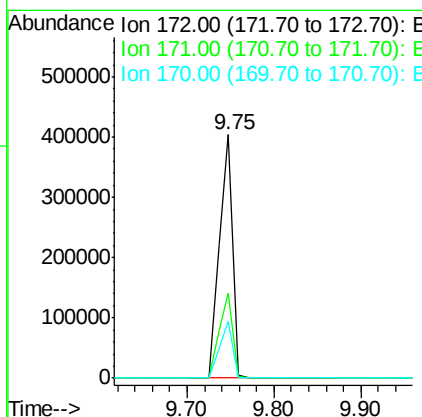
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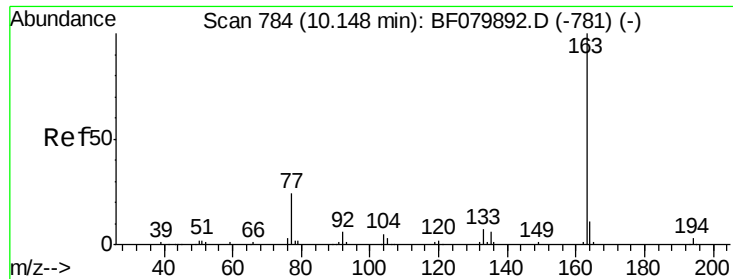
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#44
 2-Fluorobiphenyl
 Concen: 64.09 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	436090		
171	34.7	28.3	42.5	
170	23.2	19.0	28.4	





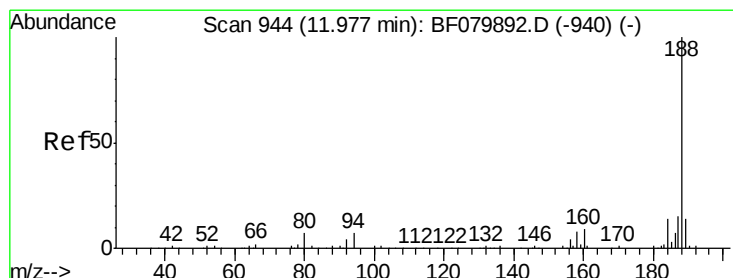
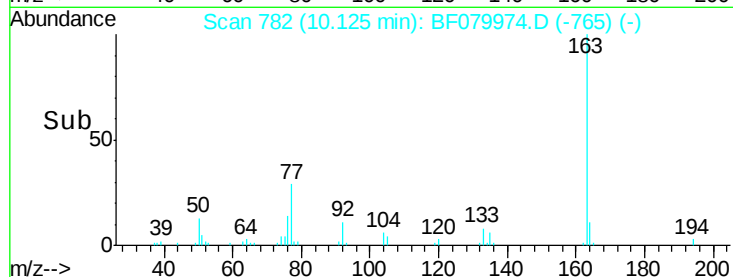
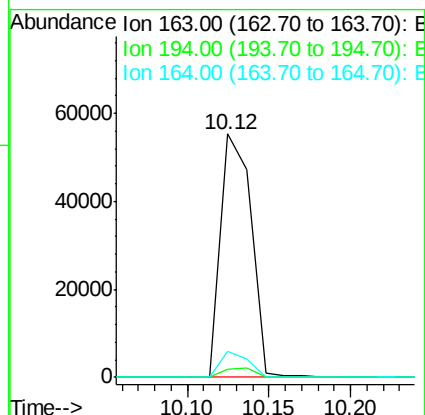
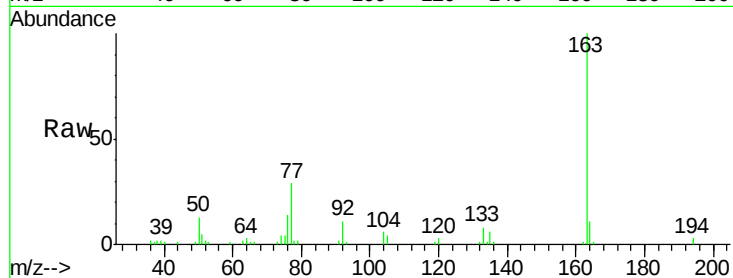
#49
Dimethylphthalate
Concen: 9.37 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71524		
194	3.2	2.6	4.0	
164	10.6	8.6	12.8	

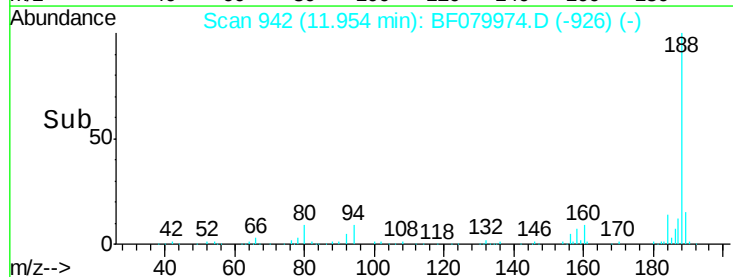
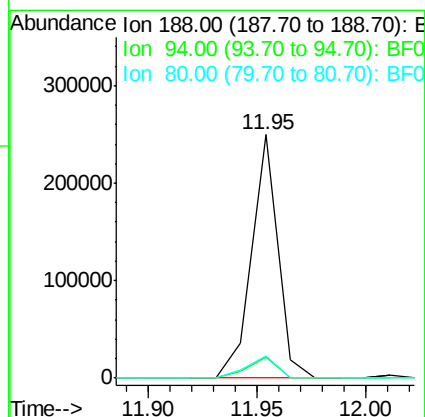
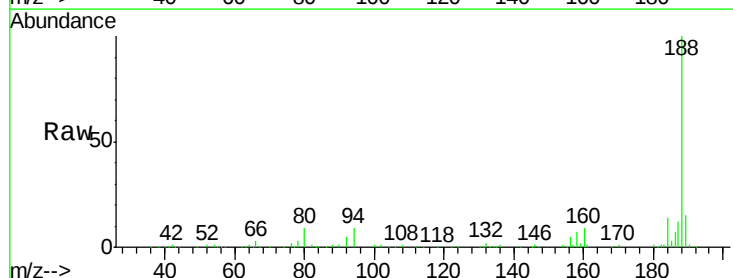
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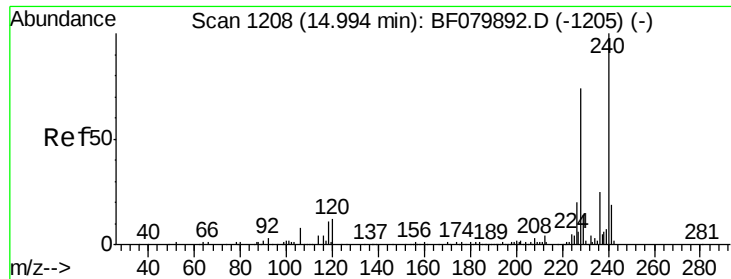
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	209630		
94	8.6	5.8	8.8	
80	9.3	5.9	8.9#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.17 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

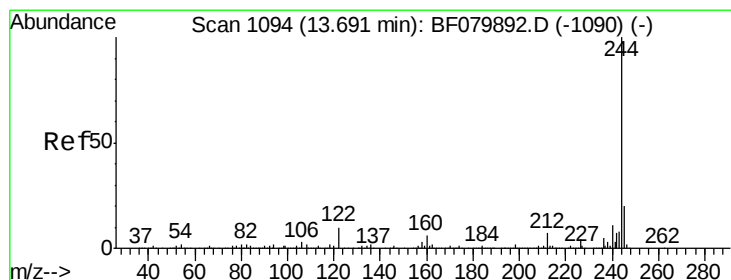
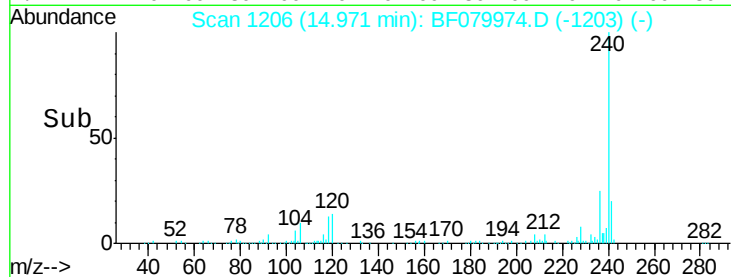
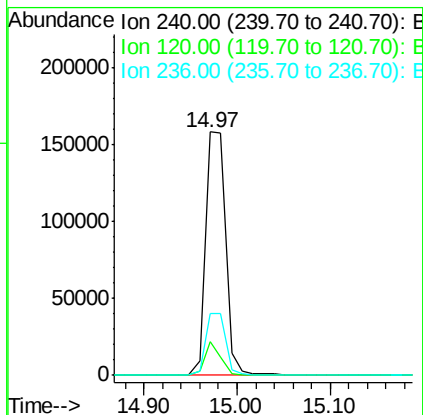
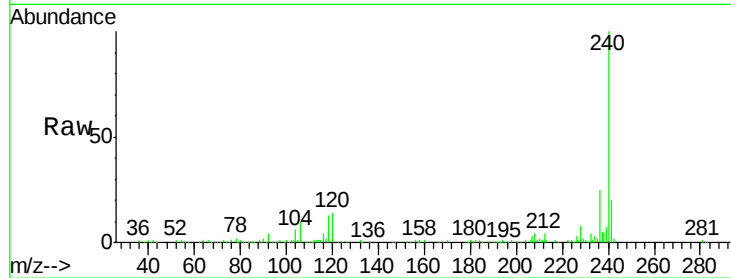
ClientSampleId :

VALHALLA-W1-9.5-10

Tgt Ion:	240	Resp:	238361
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.4	14.2
236	25.4	19.6	29.4

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#78

Terphenyl-d14

Concen: 53.78 ng

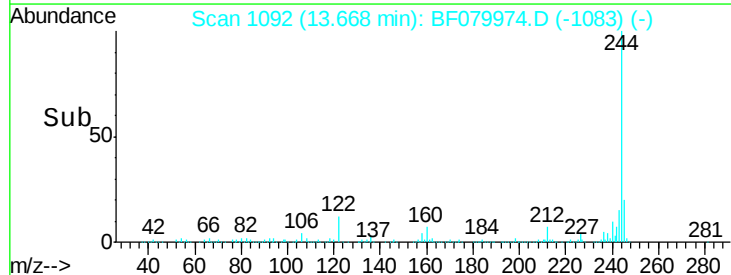
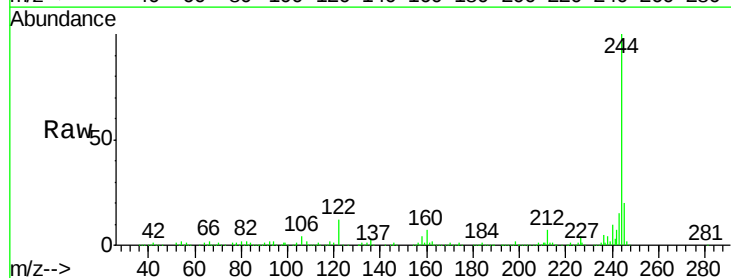
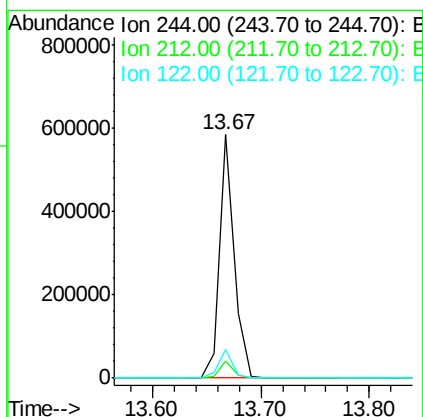
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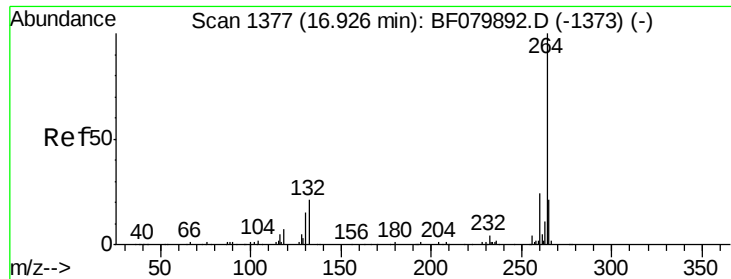
Delta R.T. -0.10 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Tgt Ion:	244	Resp:	556035
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	11.6	7.8	11.8





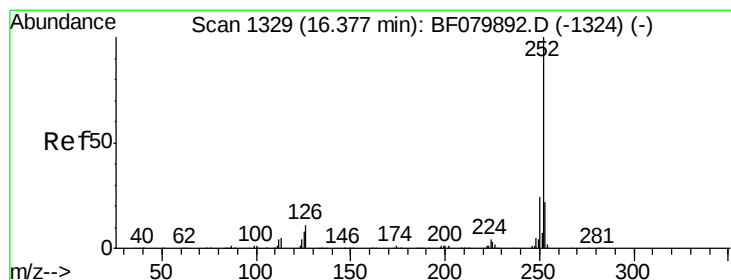
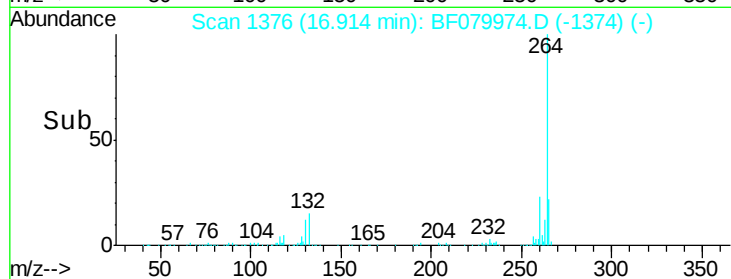
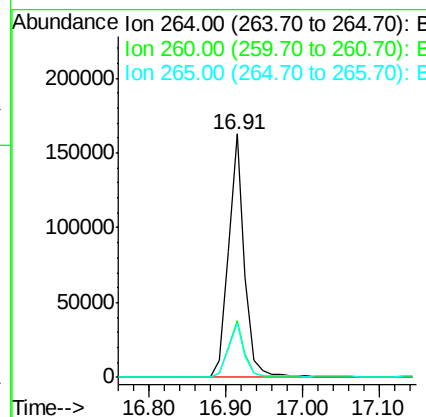
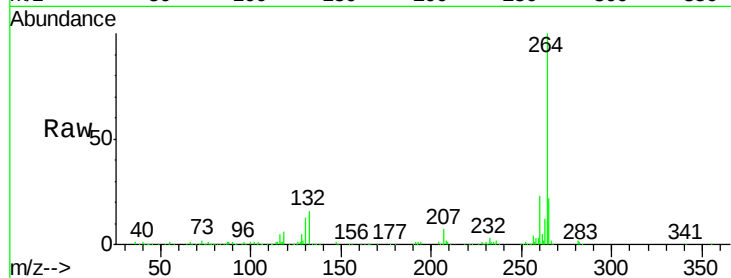
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.18 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	19.3	28.9
265	22.4	17.0	25.6

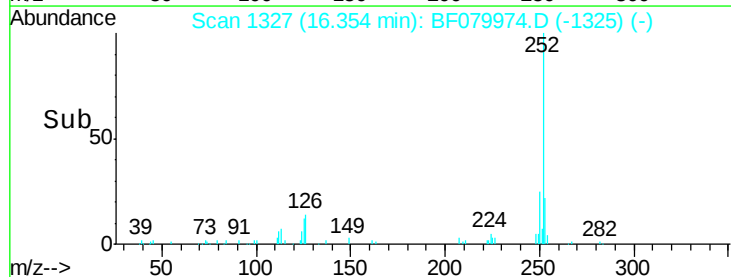
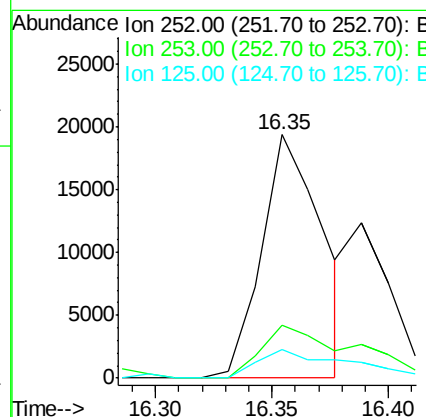
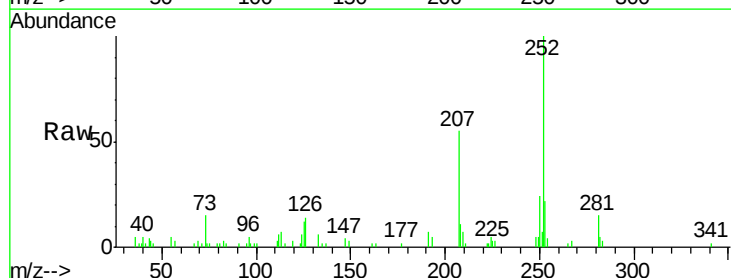
Manual Integrations
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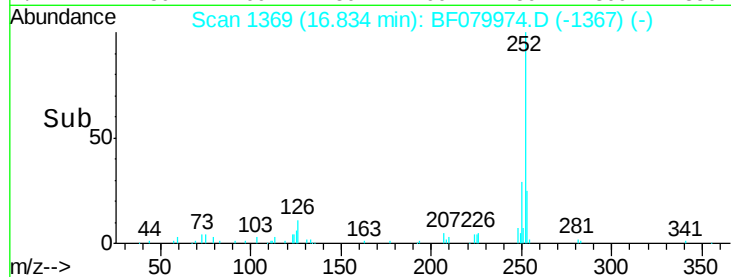
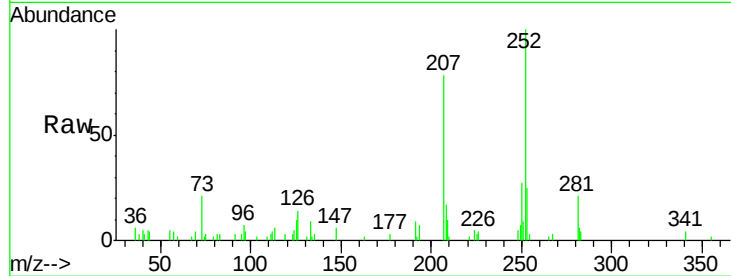
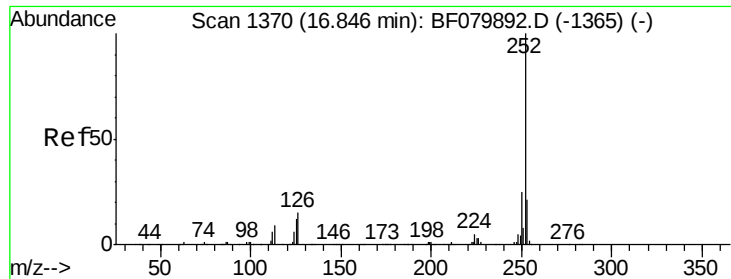
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#87
Benzo(b)fluoranthene
Concen: 2.39 ng m
RT: 16.35 min Scan# 1327
Delta R.T. -0.18 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.8	26.6
125	11.8	6.5	9.7#





#89

Benzo(a)pyrene

Concen: 2.08 ng

RT: 16.83 min Scan# 1369

Delta R.T. -0.18 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10

Tgt Ion:	252	Resp:	29208
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.0	25.6
125	9.9	9.7	14.5

Manual Integrations
APPROVED

apatel
6/15/2015 1:01:03 PM

