

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082478.D
 Acq On : 23 Oct 2015 21:21
 Operator : UM/IZ
 Sample : PB86220BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BL

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:17 PM

Quant Time: Oct 24 05:31:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	86402m	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	343317	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	182752	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	362774	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	334201	20.00	ng	-0.02
86) Perylene-d12	15.40	264	276026	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	594952	138.97	ng	0.01
7) Phenol-d6	6.40	99	685177	122.99	ng	-0.01
23) Nitrobenzene-d5	7.33	82	478466	93.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	195097	113.83	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	925646	84.00	ng	-0.01
78) Terphenyl-d14	12.88	244	1115109	88.42	ng	0.00

Target Compounds Qvalue

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

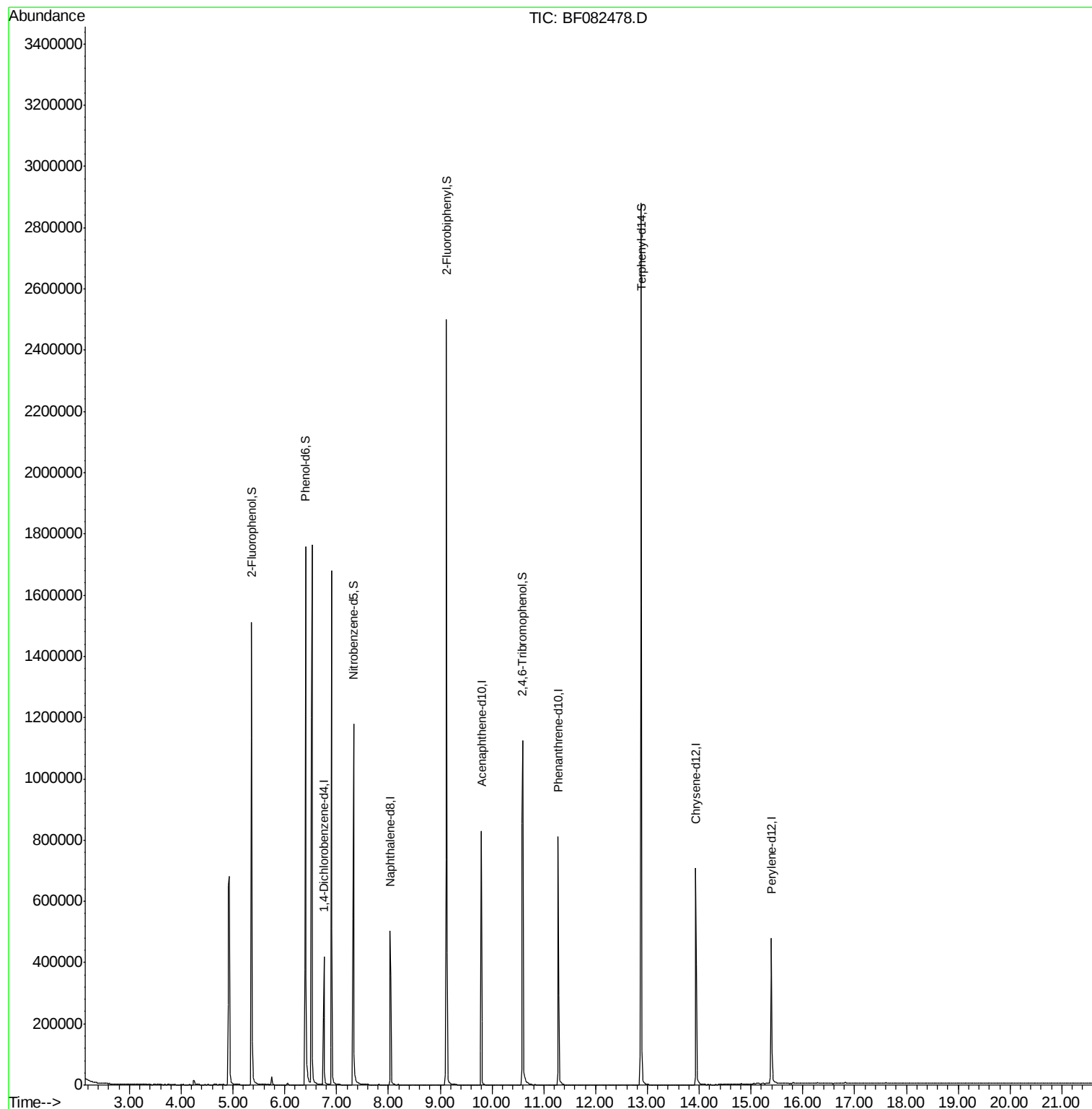
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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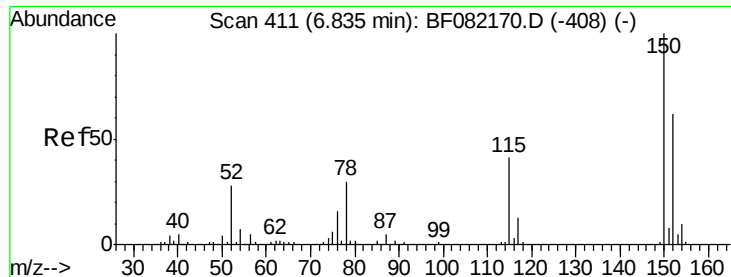
Instrument :
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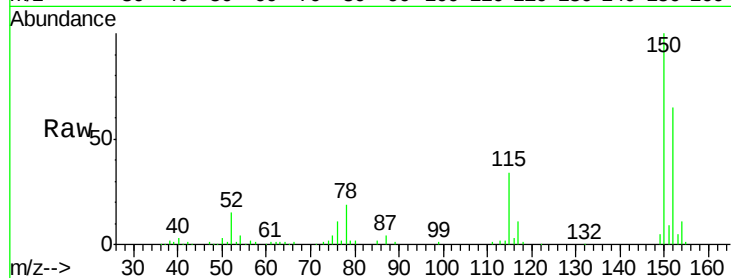




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082478.D
Acq: 23 Oct 2015 21:21

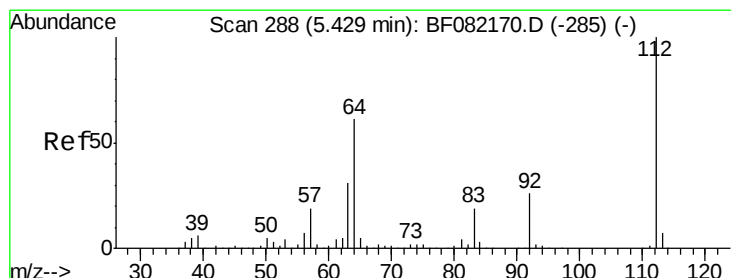
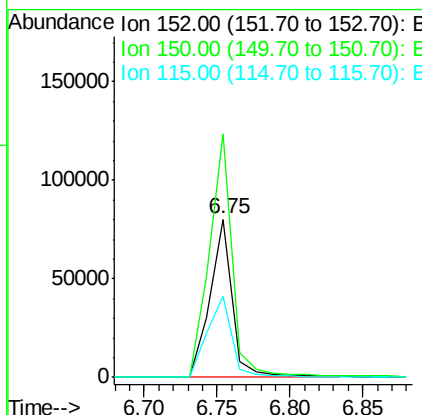
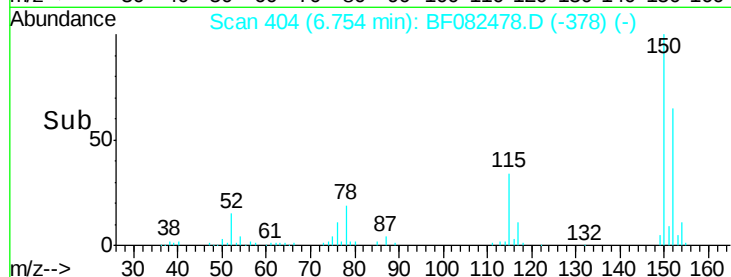
Instrument :
BNA_F
ClientSampleId :
PB86220BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	129.0	193.4
115	51.5	52.1	78.1#

Manual Integrations
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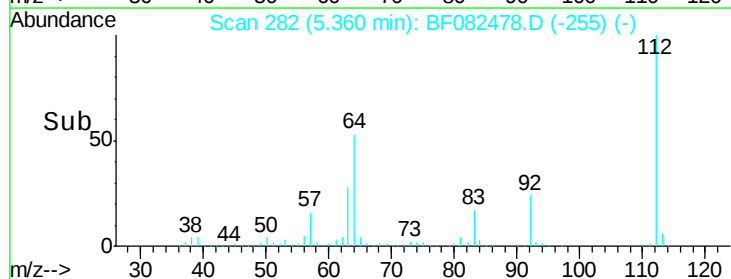
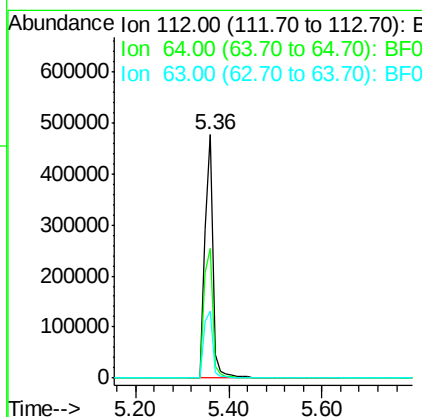
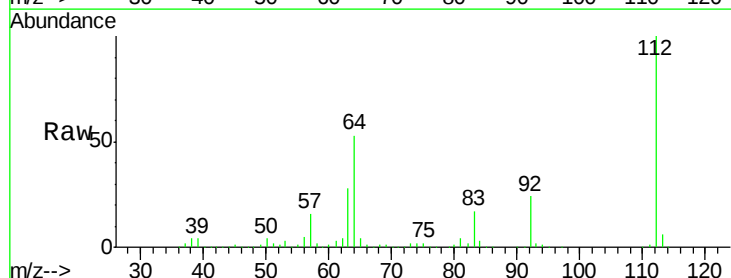
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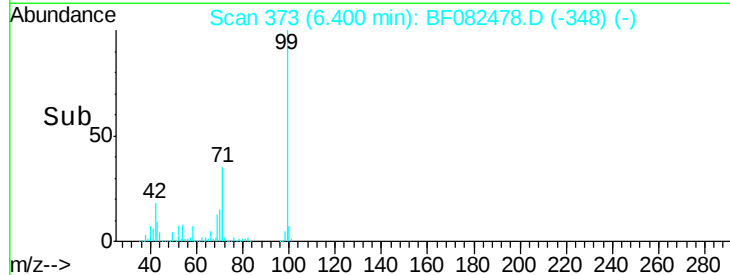
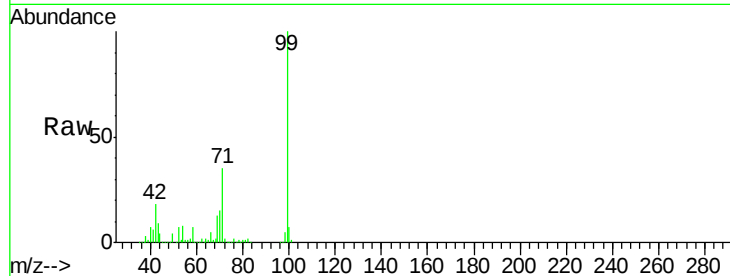


#5

2-Fluorophenol
Concen: 138.97 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082478.D
Acq: 23 Oct 2015 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	48.6	73.0
63	27.8	25.1	37.7





#7

Phenol-d6

Concen: 122.99 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082478.D

Acq: 23 Oct 2015 21:21

Tgt Ion:	99	Resp:	685177
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.2	19.8
71	35.2	25.6	38.4

Instrument :

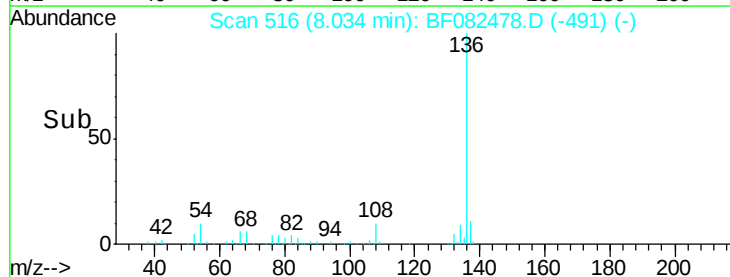
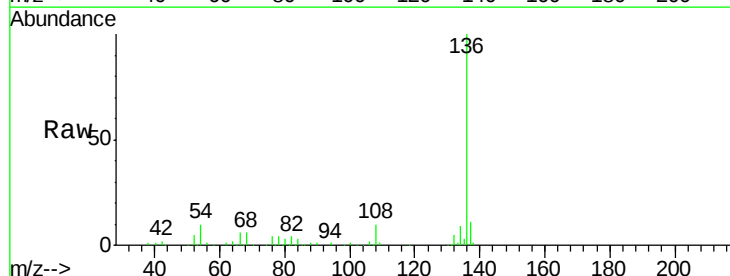
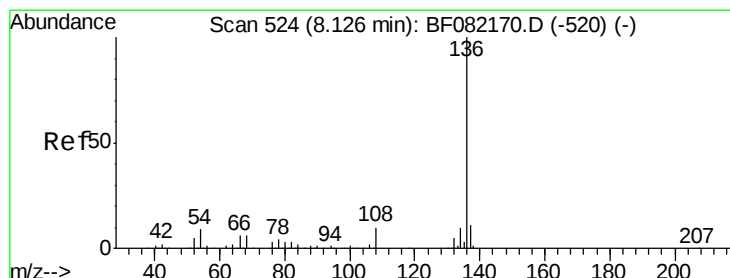
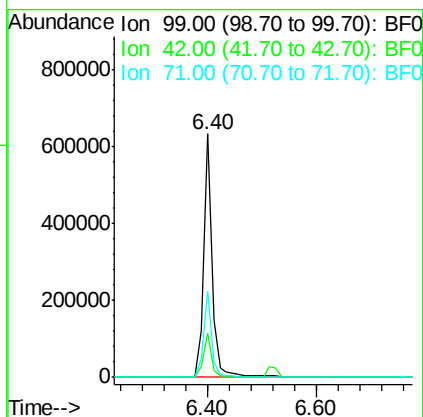
BNA_F

ClientSampleId :

PB86220BL

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#21

Naphthalene-d8

Concen: 20.00 ng

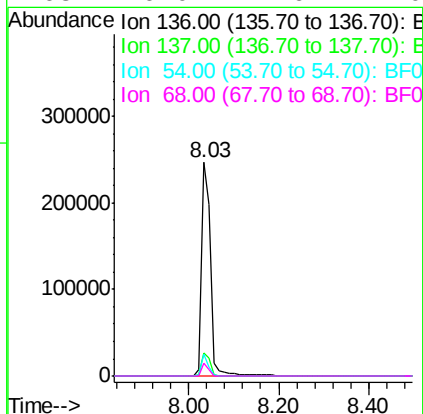
RT: 8.03 min Scan# 516

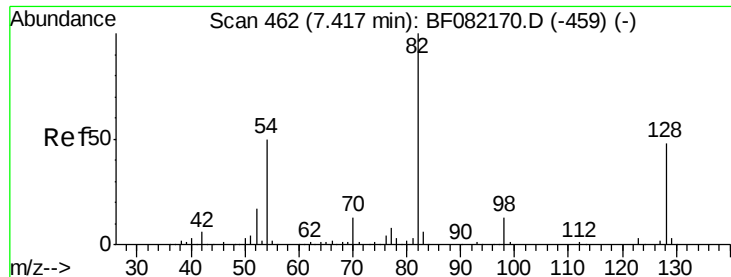
Delta R.T. -0.01 min

Lab File: BF082478.D

Acq: 23 Oct 2015 21:21

Tgt Ion:	136	Resp:	343317
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.0	7.5	11.3
68	6.0	4.6	7.0





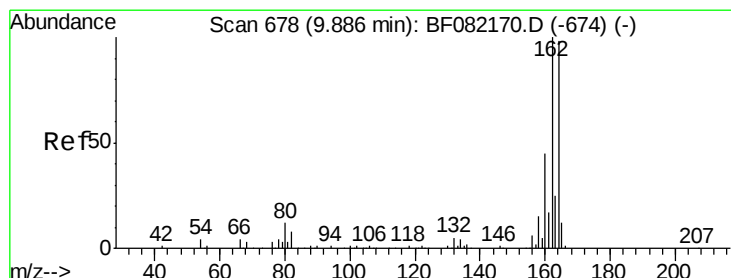
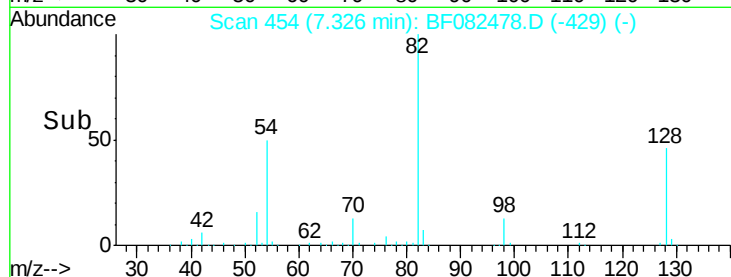
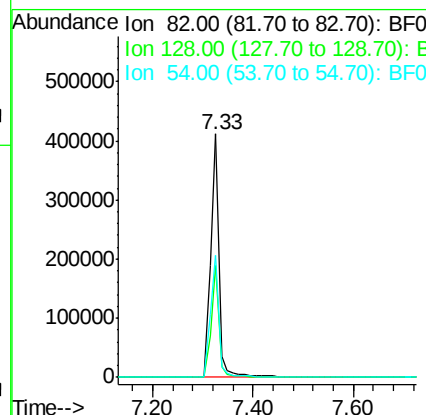
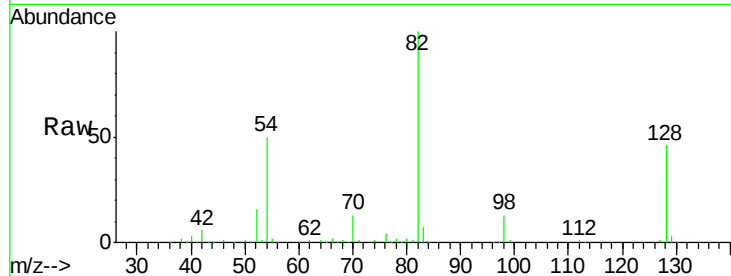
#23
 Nitrobenzene-d5
 Concen: 93.59 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082478.D
 Acq: 23 Oct 2015 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	478466		
128	45.7	38.7	58.1	
54	50.2	40.1	60.1	

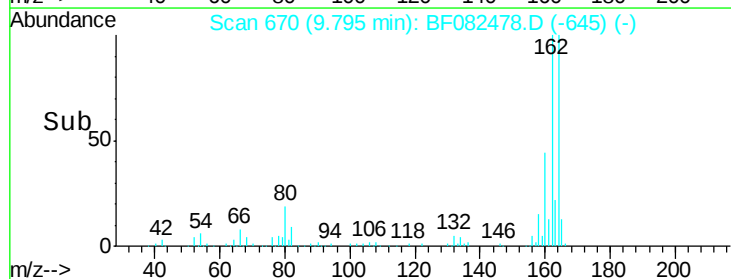
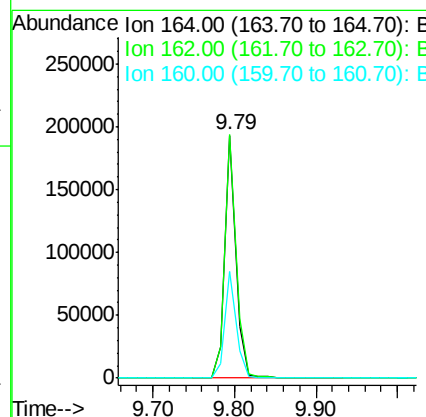
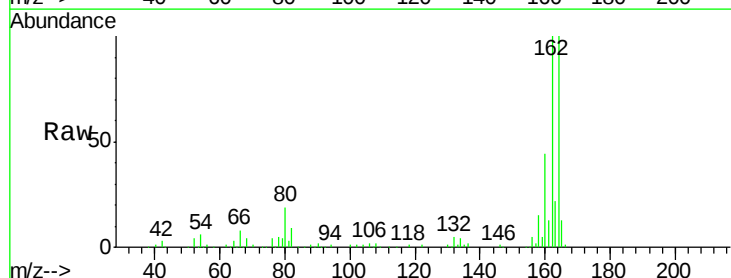
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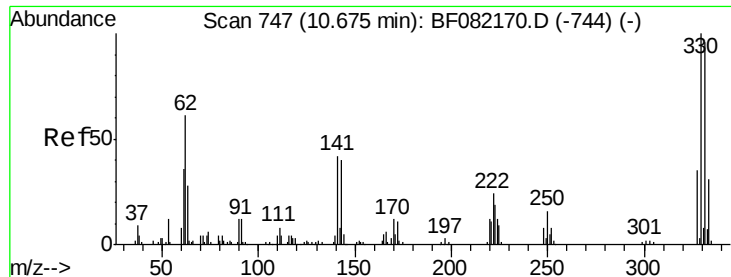
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082478.D
 Acq: 23 Oct 2015 21:21

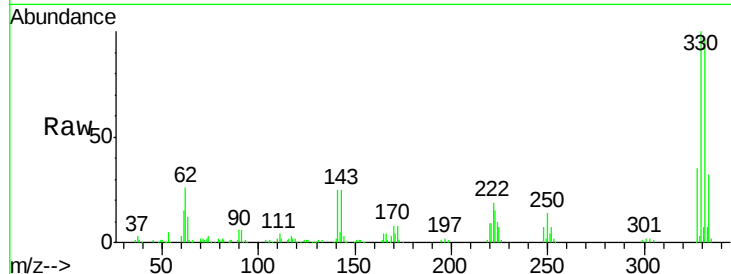
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	182752		
162	100.5	81.6	122.4	
160	44.2	36.4	54.6	





#41
 2,4,6-Tribromophenol
 Concen: 113.83 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082478.D
 Acq: 23 Oct 2015 21:21

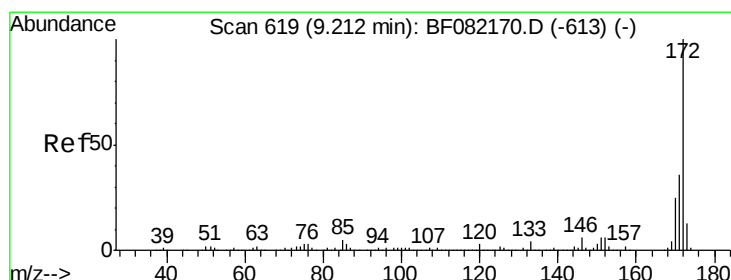
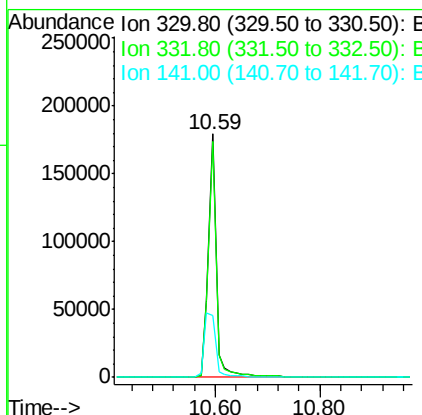
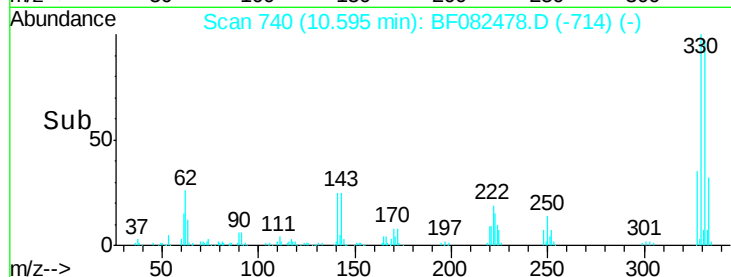
Instrument :
 BNA_F
 ClientSampleId :
 PB86220BL



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	195097		
332	97.2	77.1	115.7	
141	38.9	29.8	44.8	

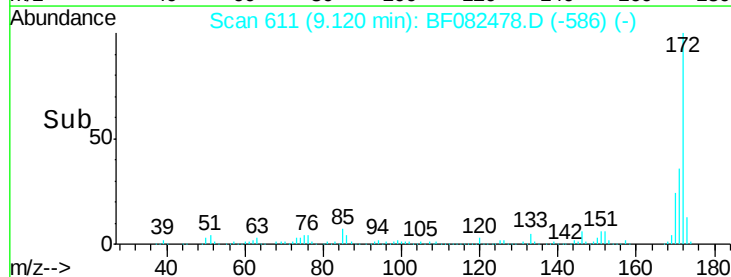
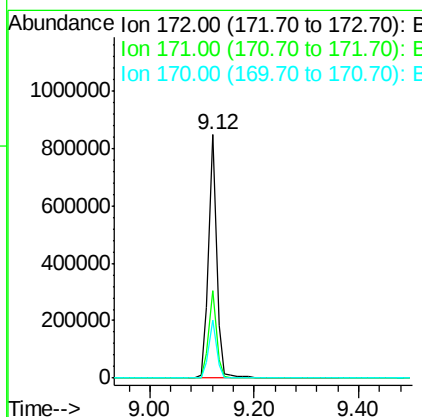
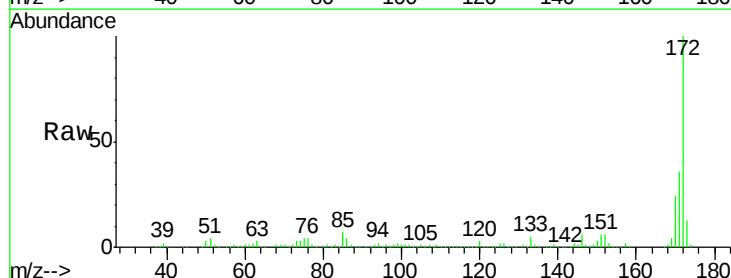
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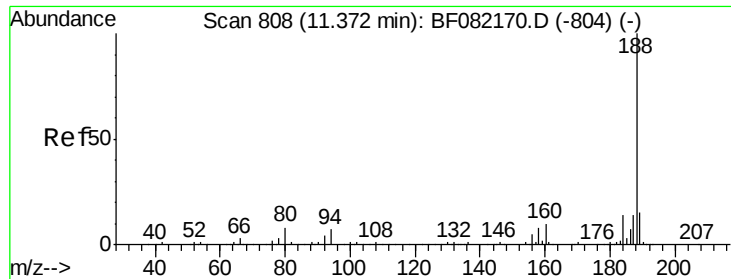
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#44
 2-Fluorobiphenyl
 Concen: 84.00 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082478.D
 Acq: 23 Oct 2015 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	925646		
171	35.8	28.6	42.8	
170	24.1	19.7	29.5	





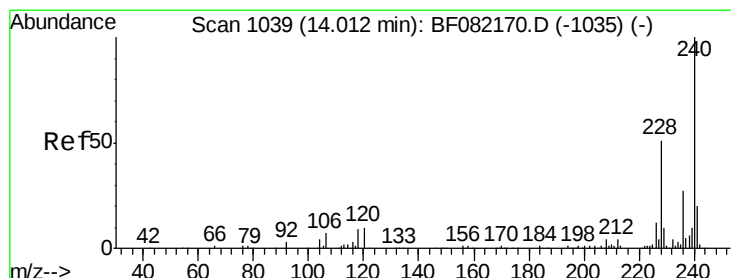
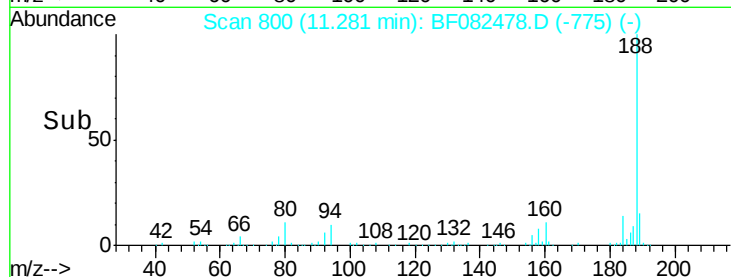
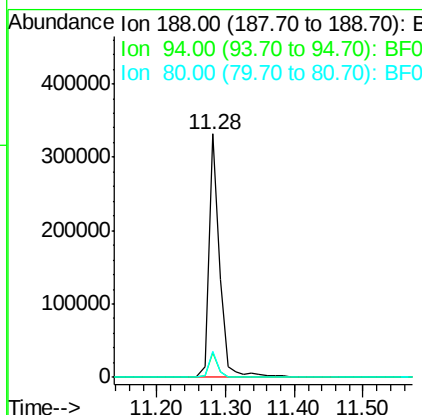
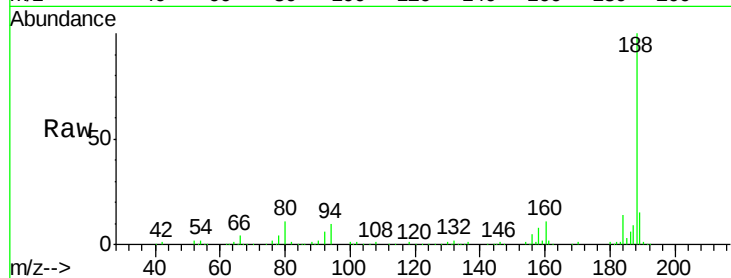
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082478.D
Acq: 23 Oct 2015 21:21

Instrument :
BNA_F
ClientSampleId :
PB86220BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	5.8	8.6#
80	10.7	6.4	9.6#

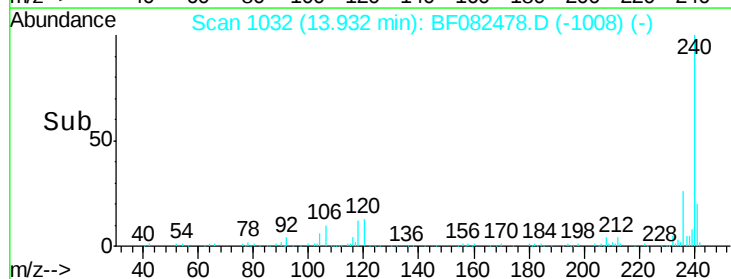
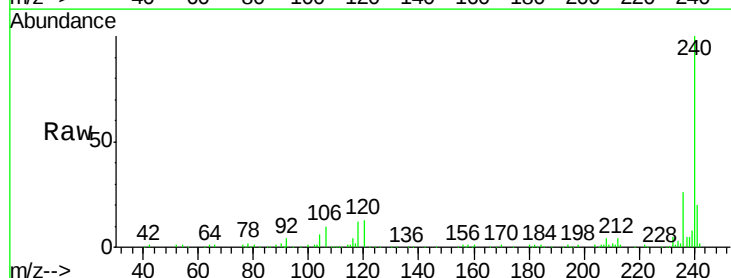
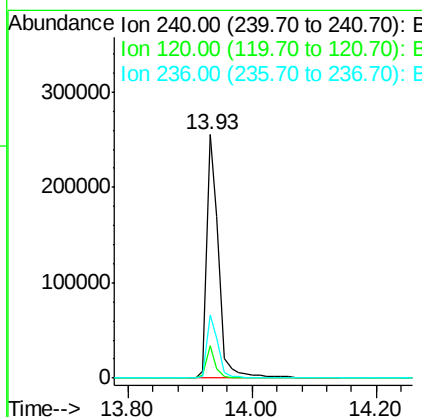
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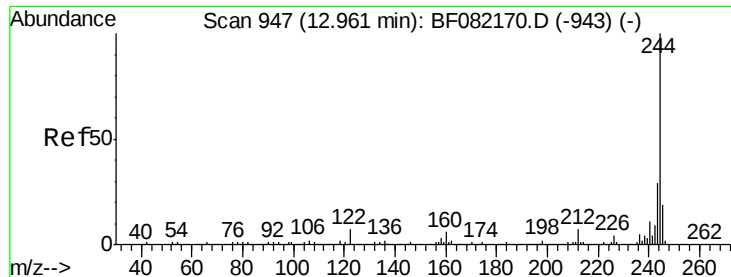
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF082478.D
Acq: 23 Oct 2015 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.4	8.1	12.1#
236	25.9	21.3	31.9





#78

Terphenyl-d14

Concen: 88.42 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF082478.D

Acq: 23 Oct 2015 21:21

Instrument :

BNA_F

ClientSampleId :

PB86220BL

Tgt Ion:244 Resp: 1115109

Ion Ratio Lower Upper

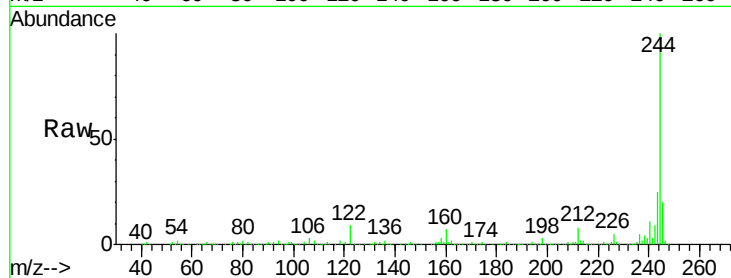
244 100

212 8.1 5.8 8.6

122 8.8 5.9 8.9

Manual Integrations
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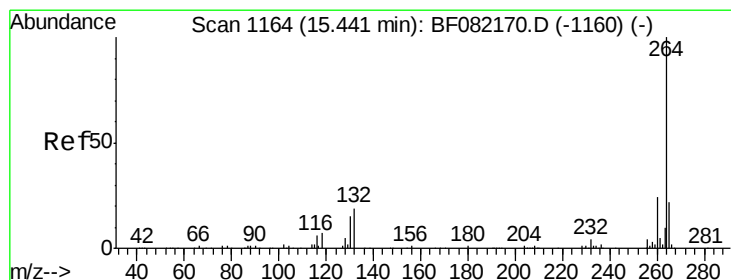
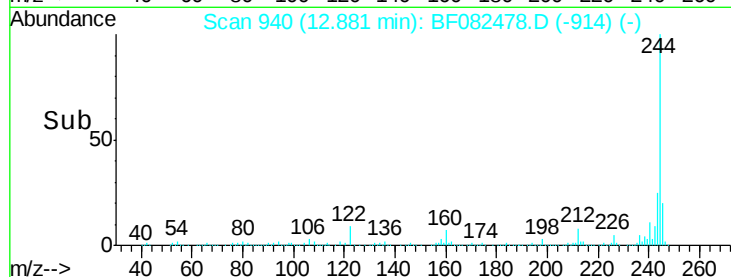
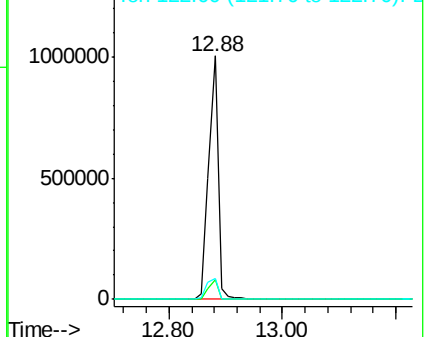
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF082478.D

Acq: 23 Oct 2015 21:21

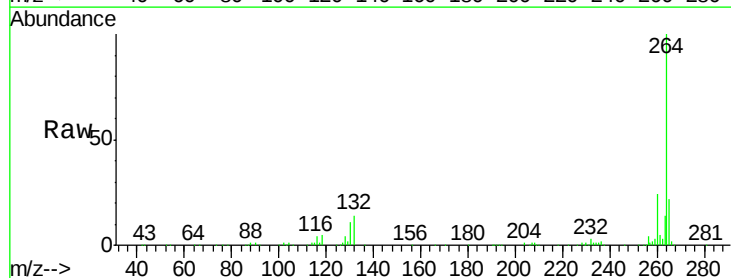
Tgt Ion:264 Resp: 276026

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.7 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

