

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082476.D
 Acq On : 23 Oct 2015 20:24
 Operator : UM/IZ
 Sample : PB86188BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BL

Manual Integrations
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Quant Time: Oct 24 05:26:33 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	99711m	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	402533	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	215173	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	441000	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	422829	20.00	ng	-0.01
86) Perylene-d12	15.42	264	329674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	537300	108.75	ng	0.01
7) Phenol-d6	6.40	99	636398	98.98	ng	-0.01
23) Nitrobenzene-d5	7.33	82	444546	74.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	180583	89.49	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	864557	66.63	ng	-0.01
78) Terphenyl-d14	12.88	244	1067238	66.89	ng	0.00

Target Compounds Qvalue

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

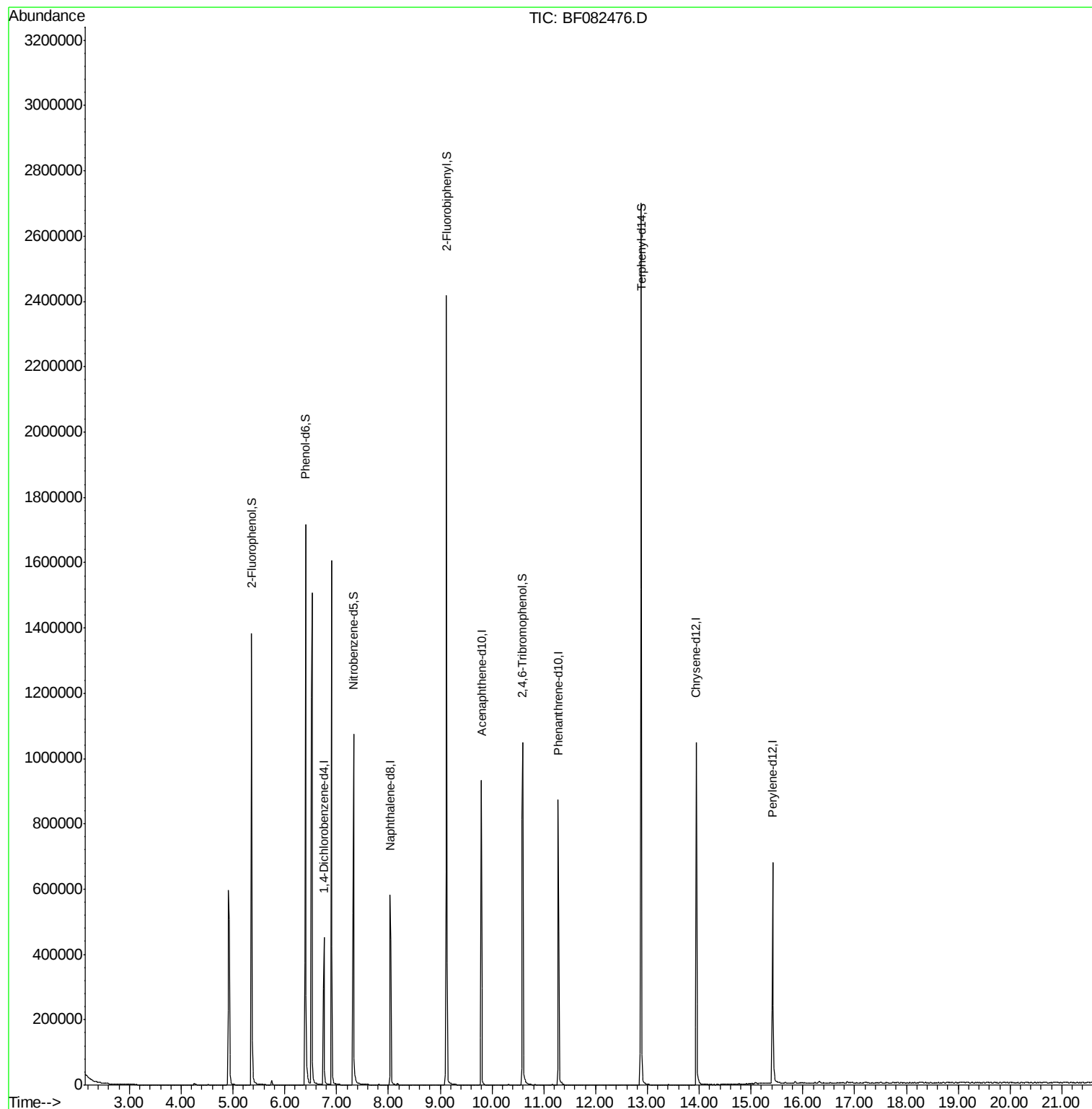
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082476.D
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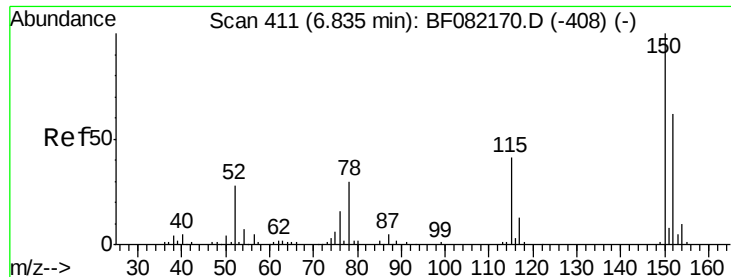
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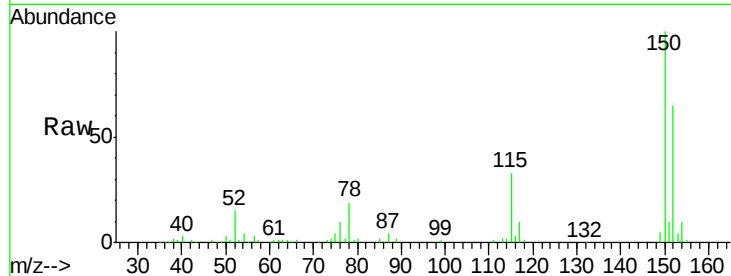




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082476.D
Acq: 23 Oct 2015 20:24

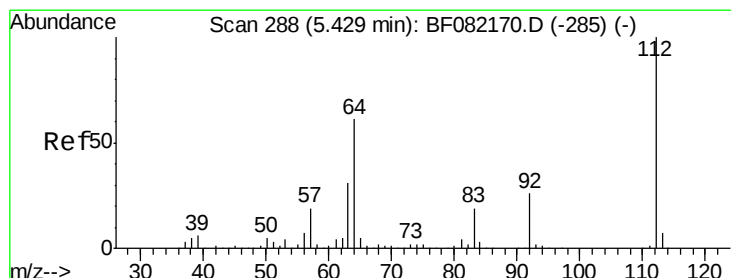
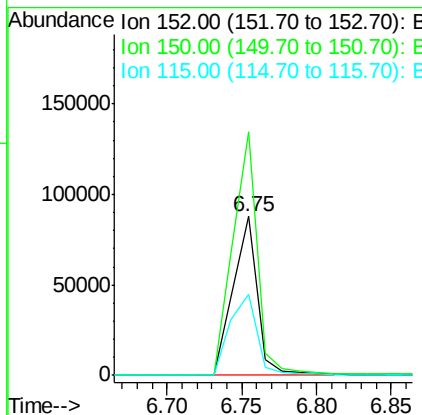
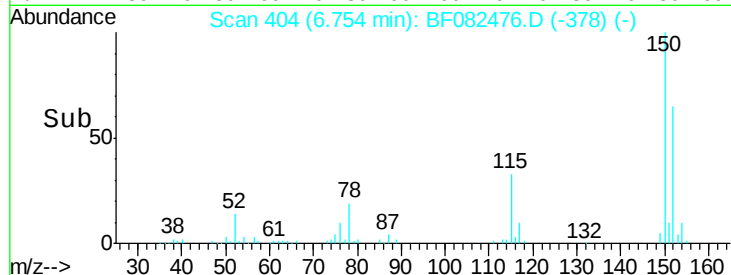
Instrument :
BNA_F
ClientSampleId :
PB86188BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	129.0	193.4
115	50.6	52.1	78.1#

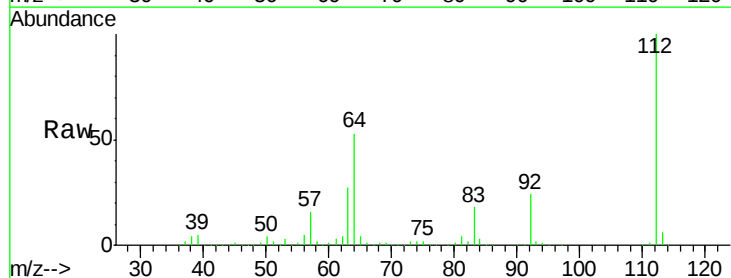
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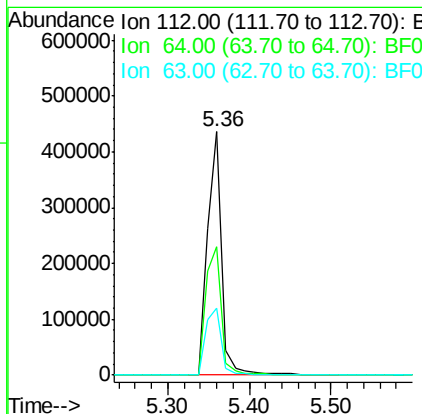
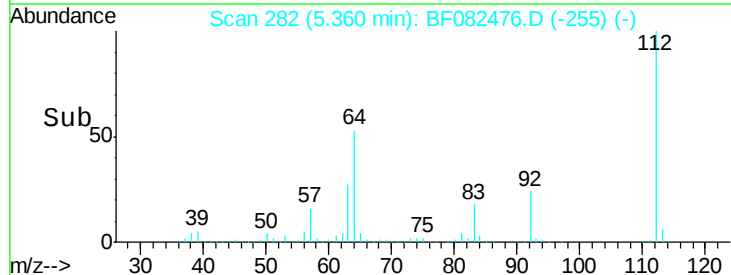


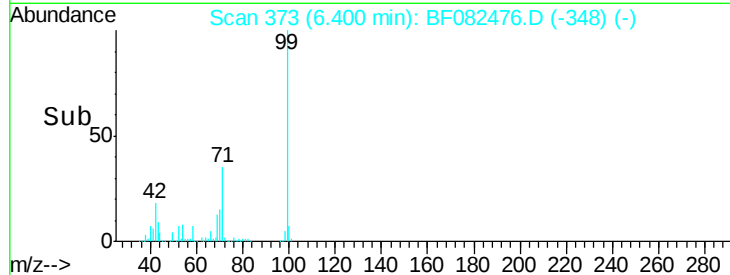
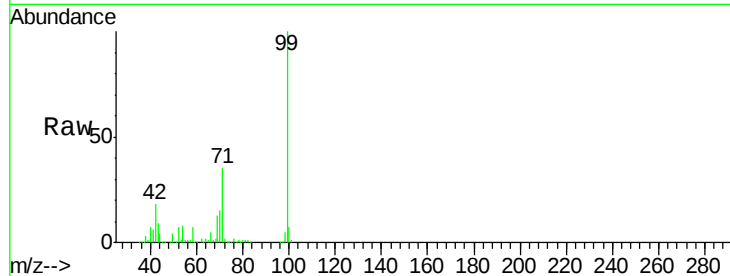
#5

2-Fluorophenol
Concen: 108.75 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082476.D
Acq: 23 Oct 2015 20:24



Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	48.6	73.0
63	27.5	25.1	37.7





#7

Phenol-d6

Concen: 98.98 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Tgt Ion:	99	Resp:	636398
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.2	19.8
71	35.2	25.6	38.4

Instrument :

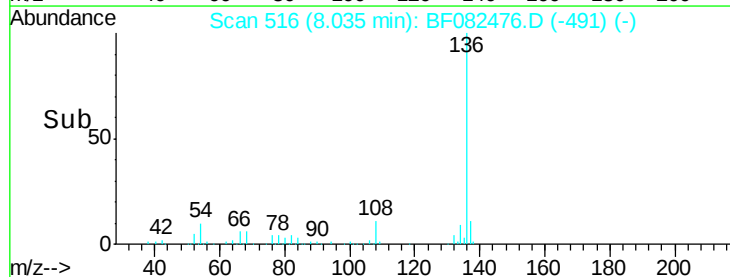
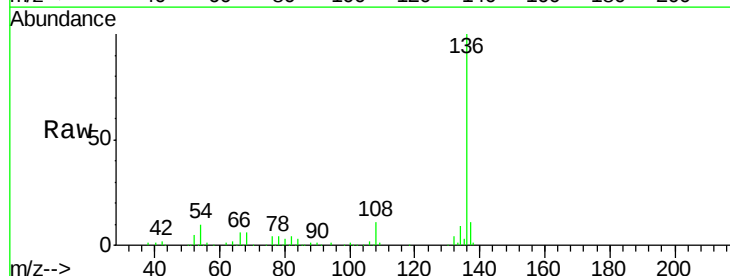
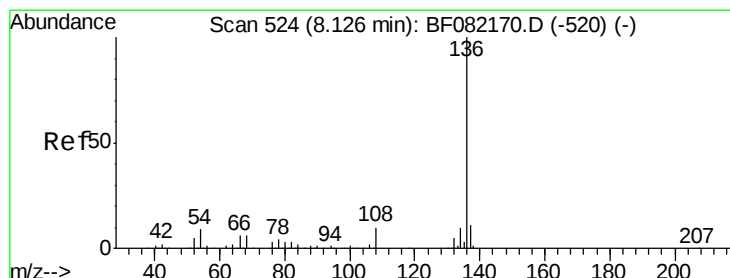
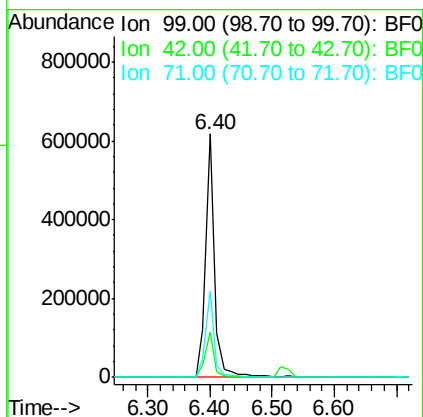
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#21

Naphthalene-d8

Concen: 20.00 ng

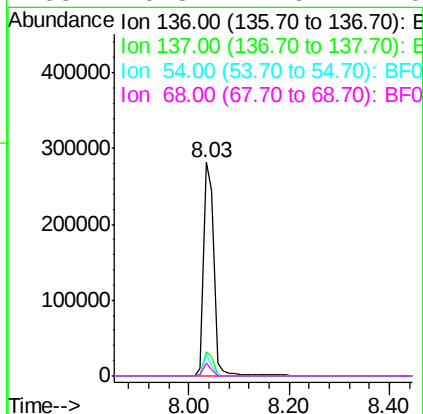
RT: 8.03 min Scan# 516

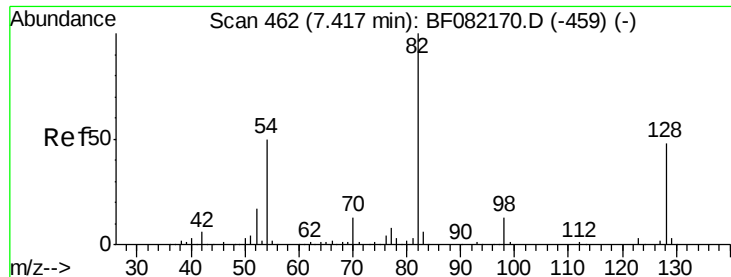
Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Tgt Ion:	136	Resp:	402533
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	10.0	7.5	11.3
68	6.3	4.6	7.0





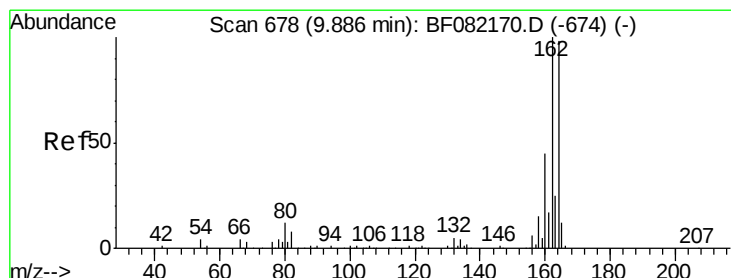
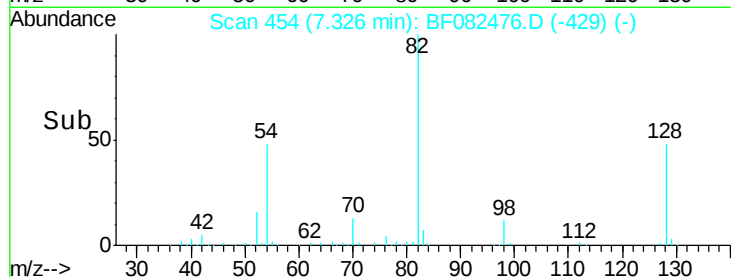
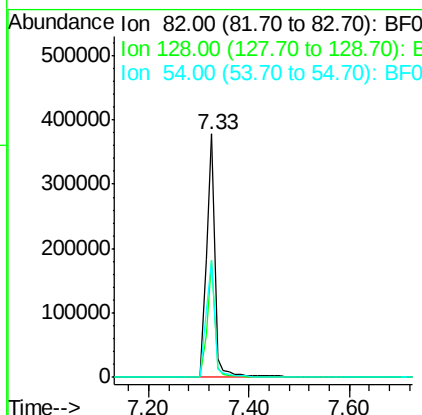
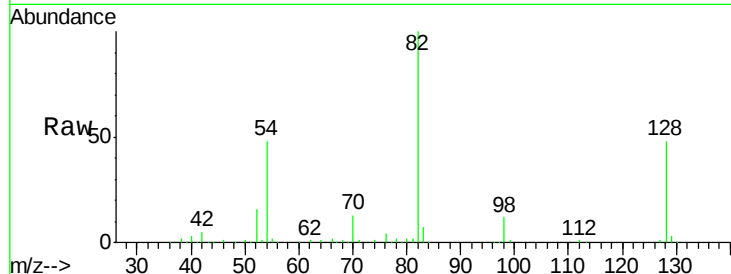
#23
 Nitrobenzene-d5
 Concen: 74.16 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86188BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.7	58.1
54	48.2	40.1	60.1

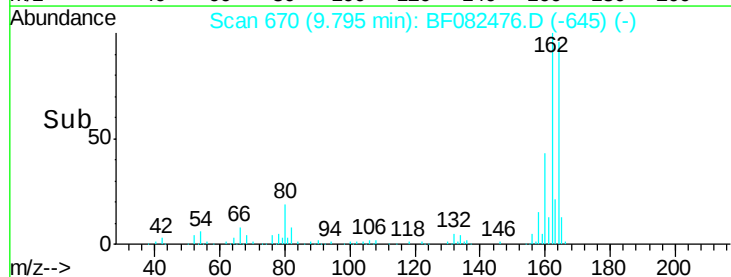
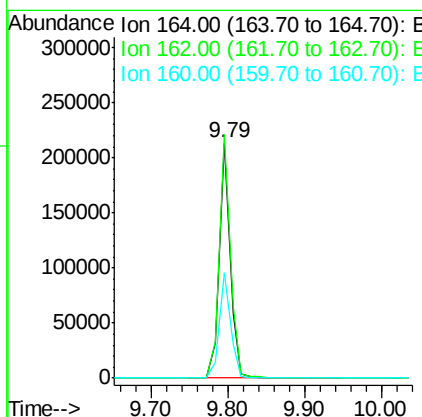
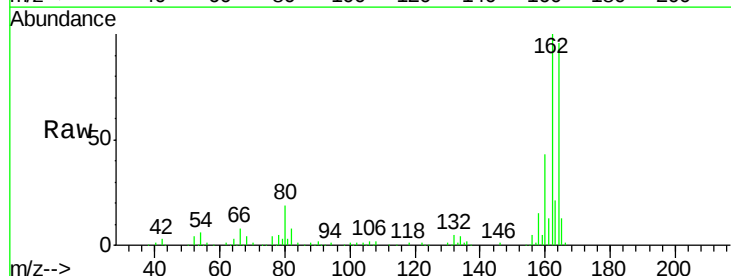
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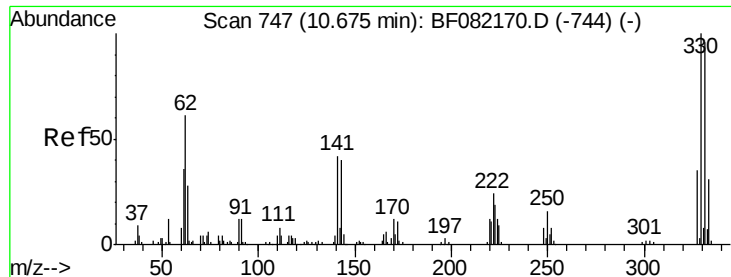
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	44.9	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 89.49 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

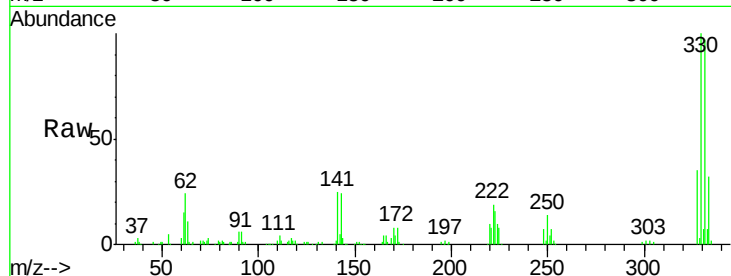
ClientSampleId :

PB86188BL

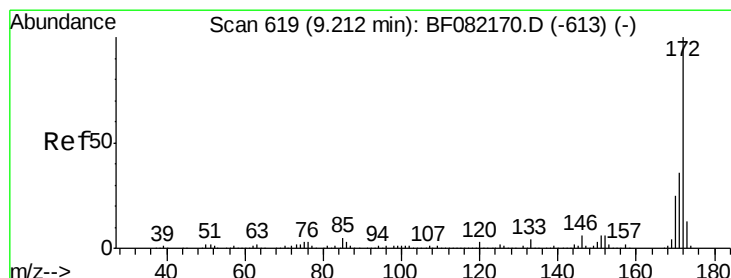
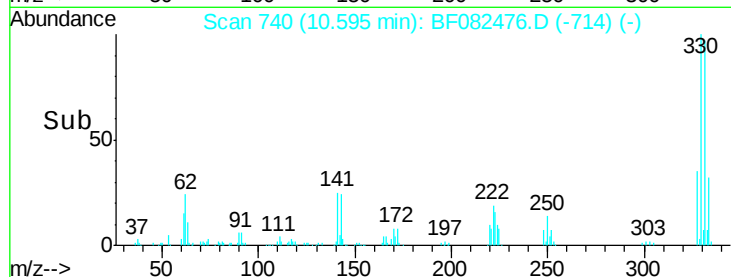
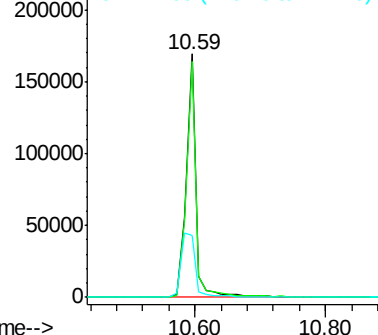
Tgt Ion:	330	Resp:	180583
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	38.8	29.8	44.8

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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: 66.63 ng

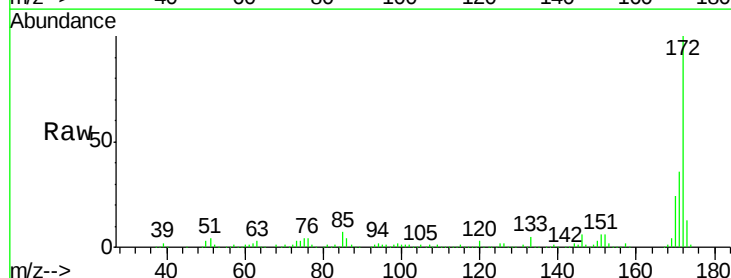
RT: 9.12 min Scan# 611

Delta R.T. -0.01 min

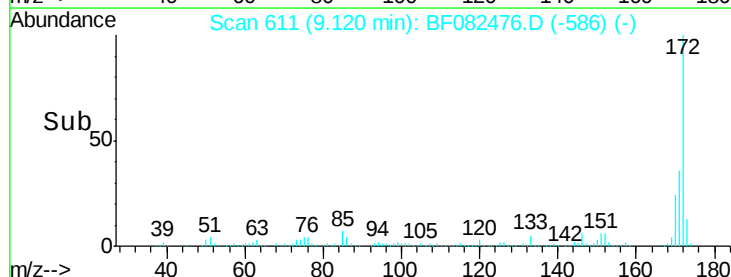
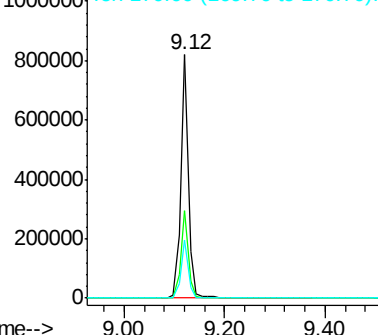
Lab File: BF082476.D

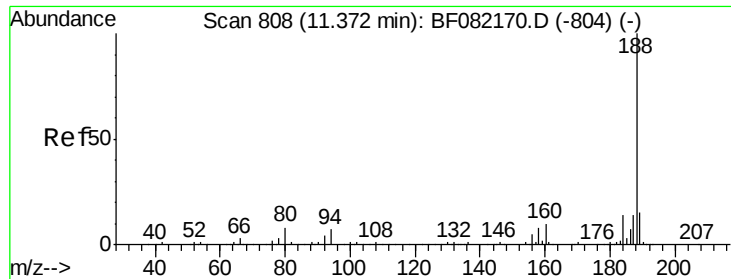
Acq: 23 Oct 2015 20:24

Tgt Ion:	172	Resp:	864557
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	42.8
170	23.8	19.7	29.5



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: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Instrument :

BNA_F

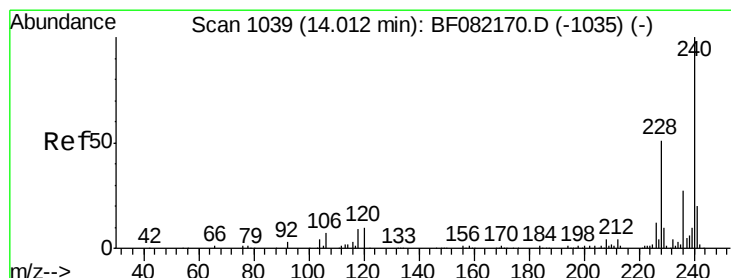
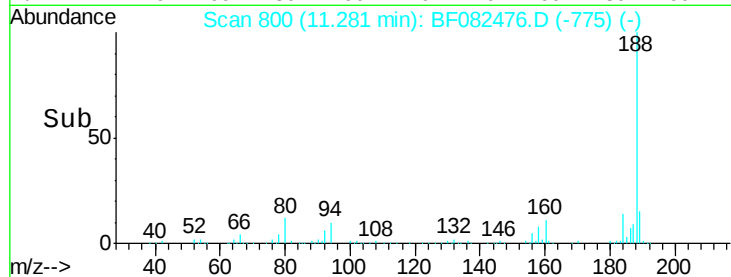
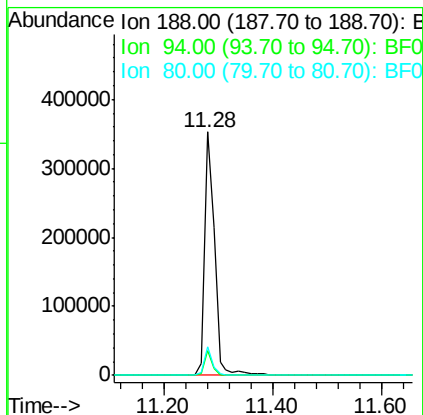
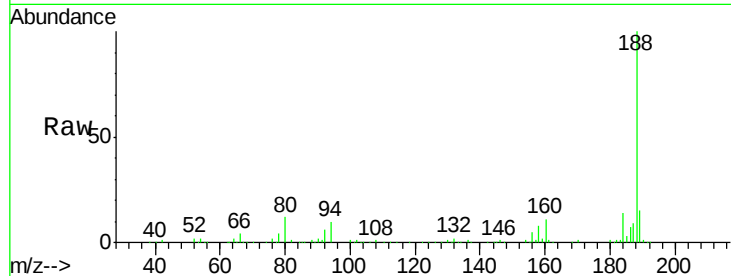
ClientSampleId :

PB86188BL

Tgt Ion:	188	Resp:	441000
Ion Ratio	Lower	Upper	
188	100		
94	10.4	5.8	8.6#
80	11.6	6.4	9.6#

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#75

Chrysene-d12

Concen: 20.00 ng

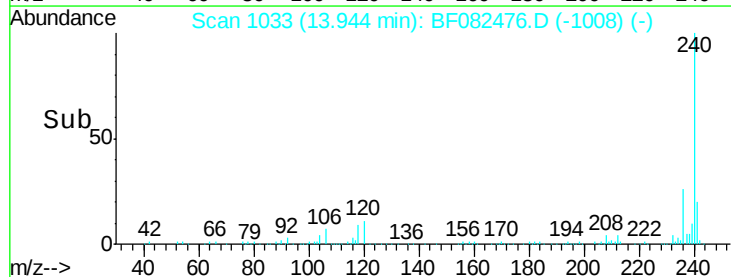
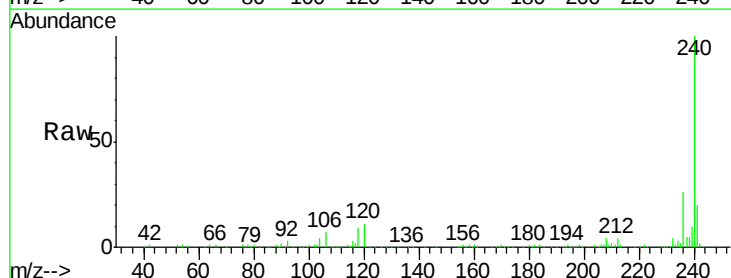
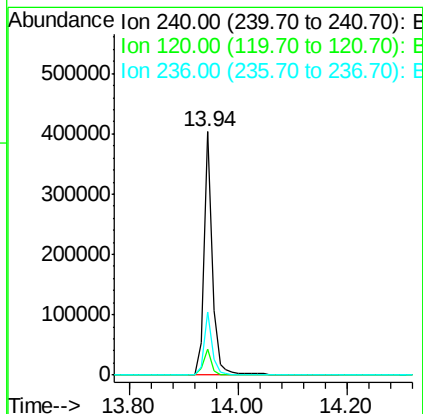
RT: 13.94 min Scan# 1033

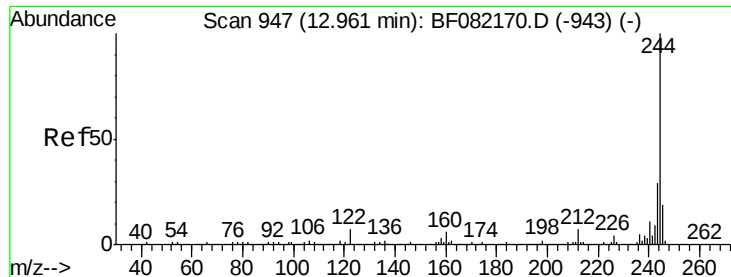
Delta R.T. -0.01 min

Lab File: BF082476.D

Acq: 23 Oct 2015 20:24

Tgt Ion:	240	Resp:	422829
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	26.0	21.3	31.9





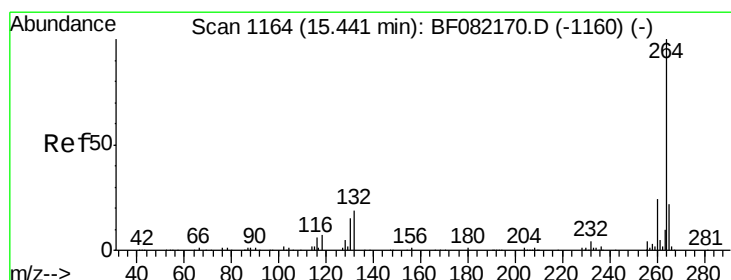
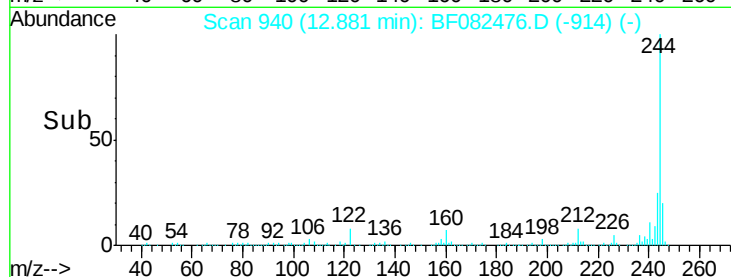
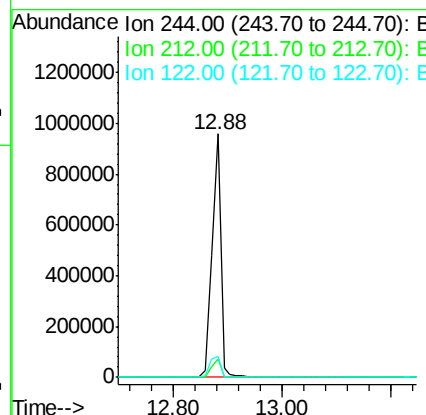
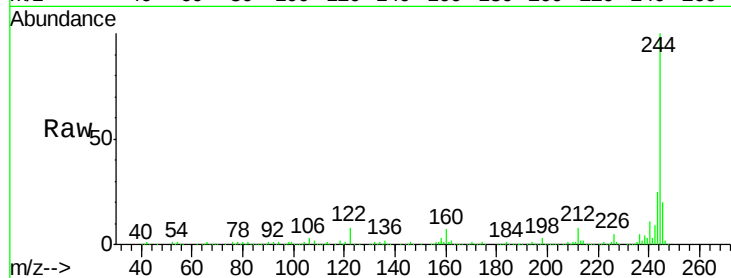
#78
 Terphenyl-d14
 Concen: 66.89 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

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 BNA_F
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 PB86188BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.4	5.9	8.9

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF082476.D
 Acq: 23 Oct 2015 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.8	17.3	25.9

