

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083245.D
 Acq On : 24 Nov 2015 19:14
 Operator : UM/IZ
 Sample : PB86825BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BL

Manual Integrations
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 11/25/2015 12:54:30 PM

Quant Time: Nov 25 01:21:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	167664m	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	643577	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	332430	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	633116	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	564779	20.00	ng	-0.06
86) Perylene-d12	15.11	264	439937	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1063303	95.88	ng	-0.07
7) Phenol-d6	6.27	99	1341759	93.51	ng	-0.07
23) Nitrobenzene-d5	7.18	82	864507	61.38	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	305382	89.79	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	1528731	64.13	ng	-0.05
78) Terphenyl-d14	12.71	244	1478127	61.63	ng	-0.06

Target Compounds Qvalue

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

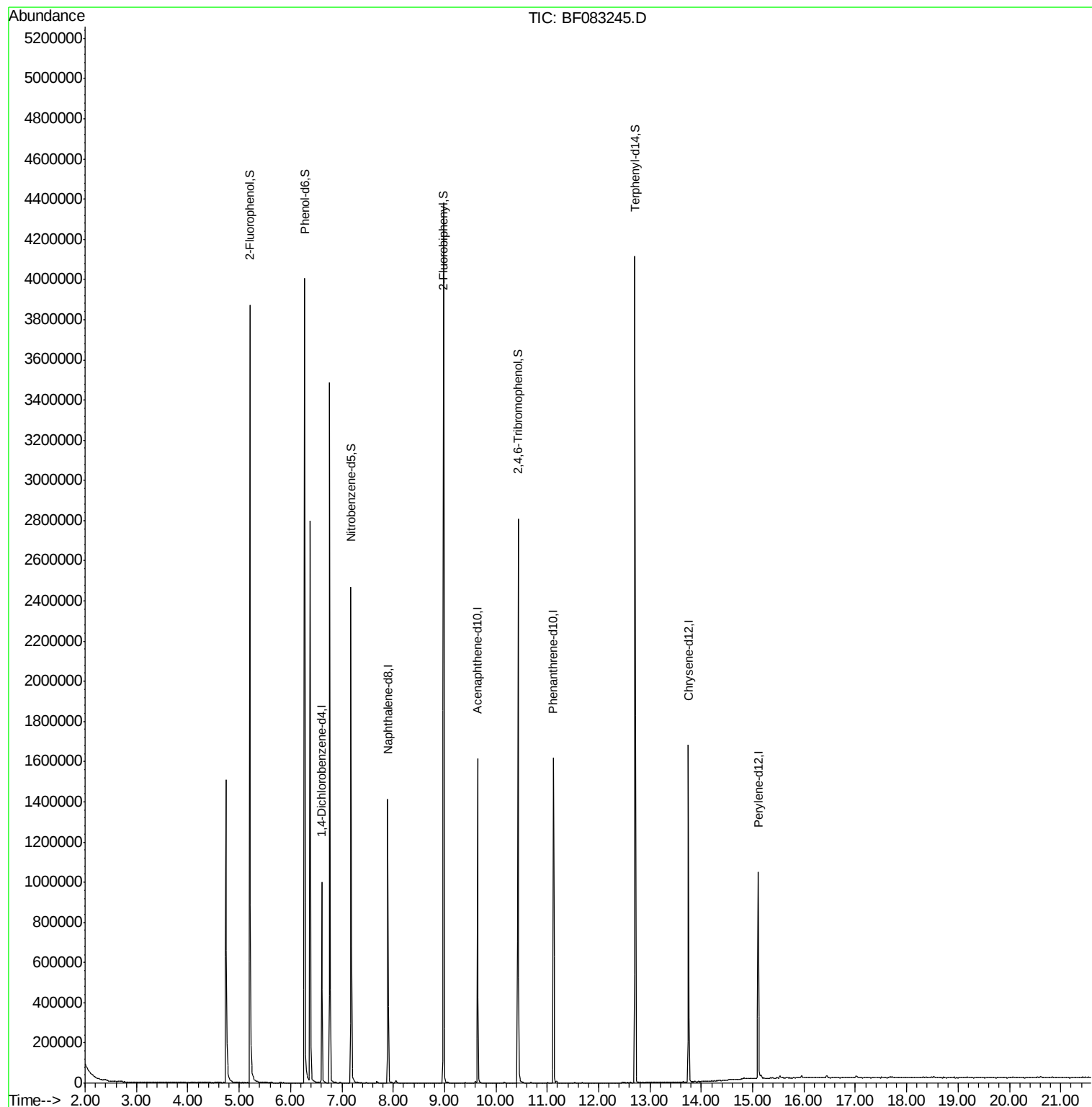
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083245.D
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Quant Time: Nov 25 01:21:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

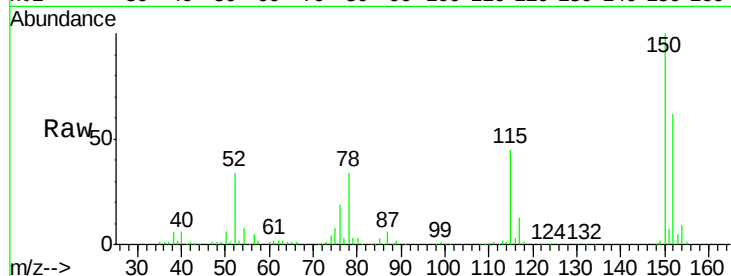




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.60 min Scan# 404
Delta R.T. -0.06 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

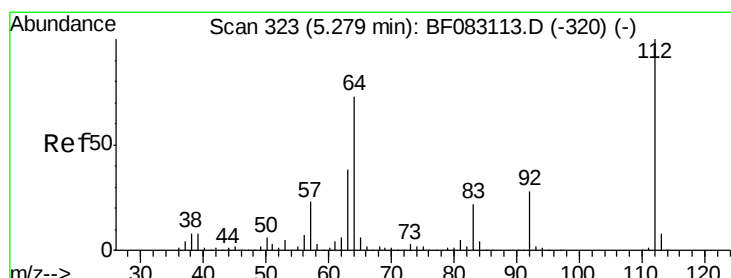
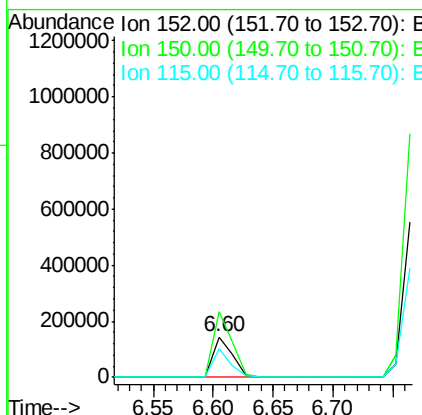
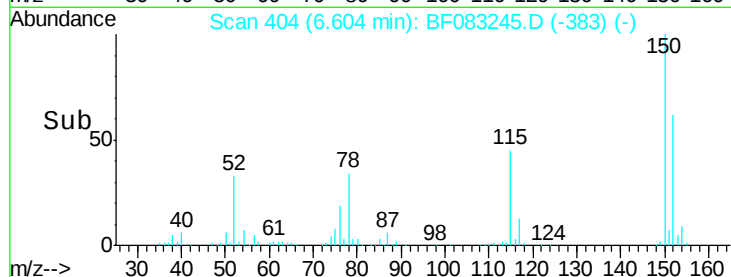
Instrument :
BNA_F
ClientSampleId :
PB86825BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.9	125.8	188.8
115	72.0	46.9	70.3

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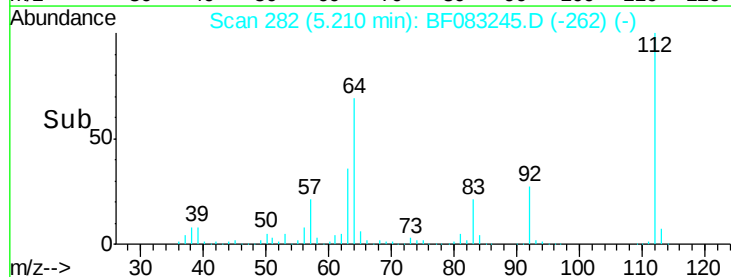
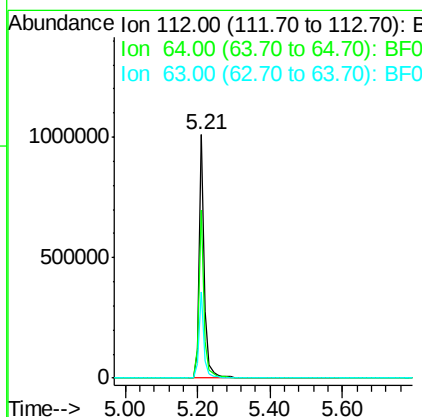
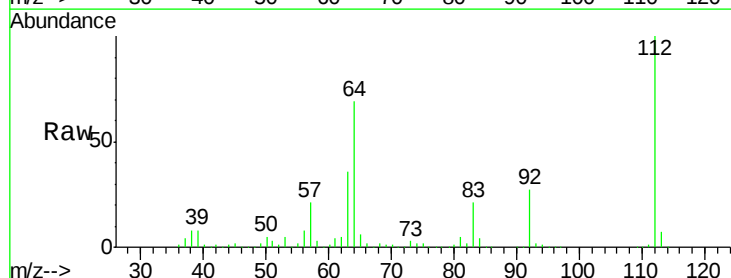
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#5

2-Fluorophenol
Concen: 95.88 ng
RT: 5.21 min Scan# 282
Delta R.T. -0.07 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	58.4	87.6
63	35.6	30.0	45.0





#7

Phenol-d6

Concen: 93.51 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083245.D

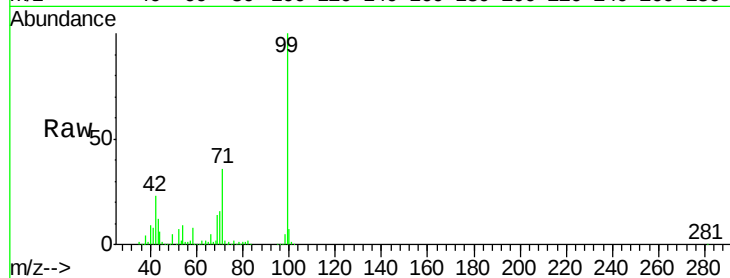
Acq: 24 Nov 2015 19:14

Instrument :

BNA_F

ClientSampleId :

PB86825BL



Tgt Ion: 99 Resp: 1341759

Ion Ratio Lower Upper

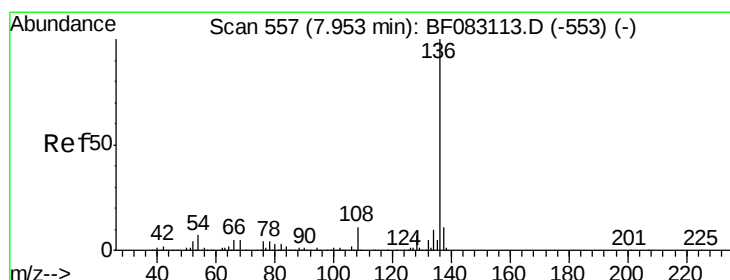
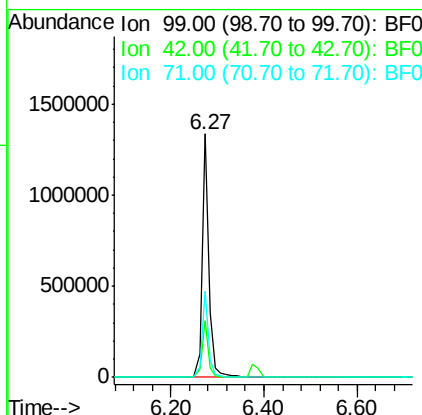
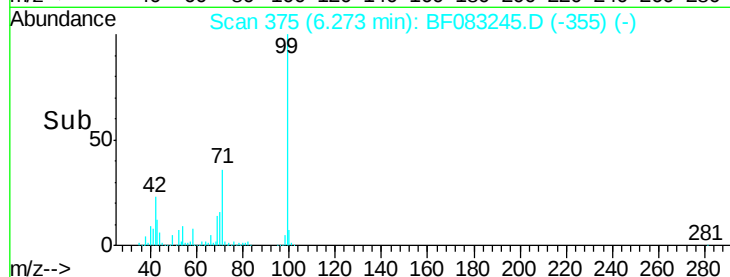
99 100

42 23.1 17.7 26.5

71 35.5 30.2 45.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Tgt Ion: 136 Resp: 643577

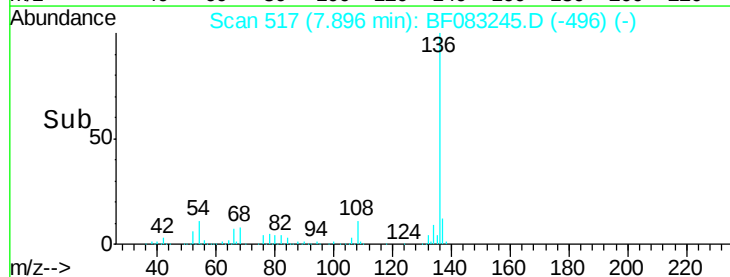
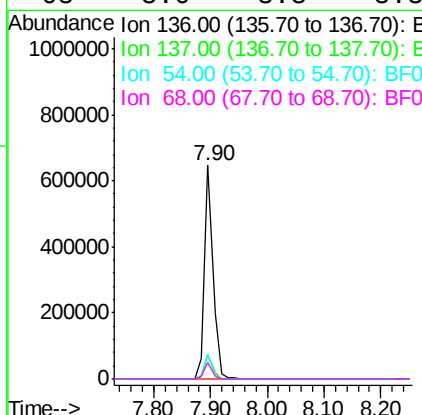
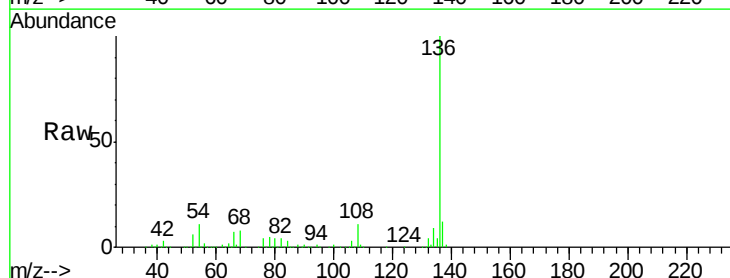
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.5 5.8 8.6#

68 8.0 3.8 5.8#





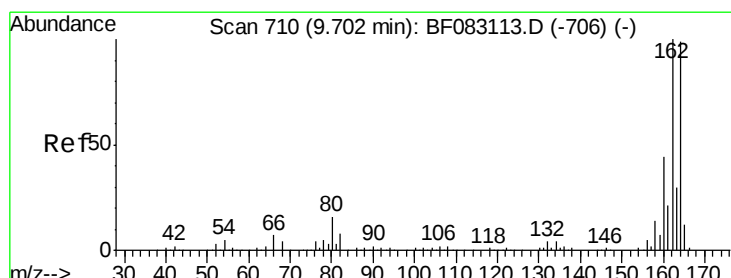
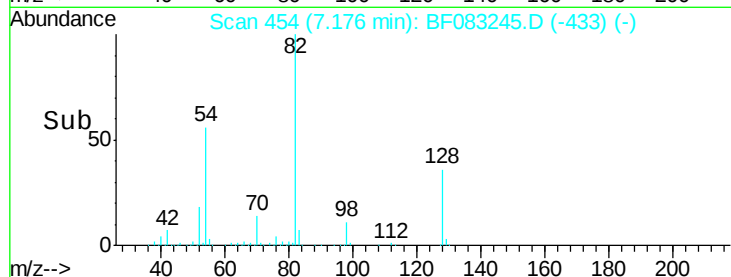
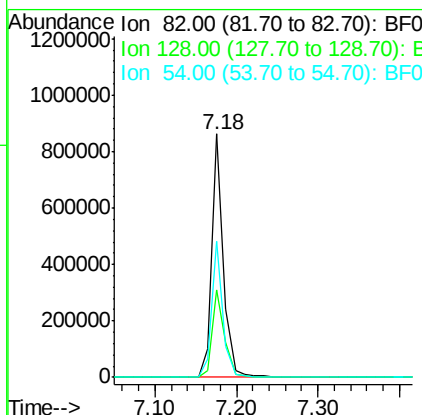
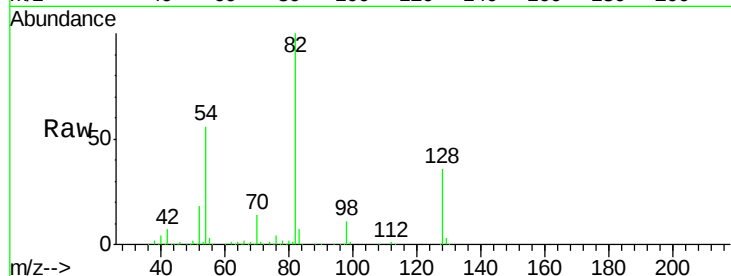
#23
 Nitrobenzene-d5
 Concen: 61.38 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.5	42.7
54	55.8	44.6	67.0

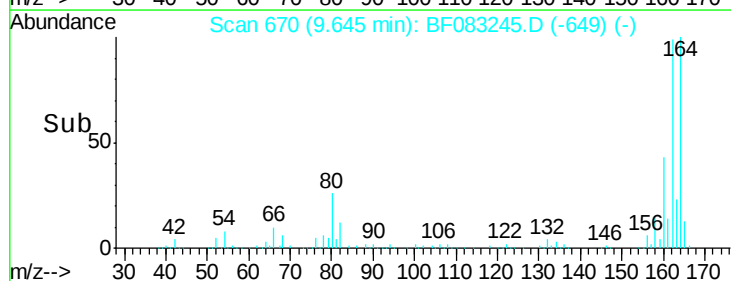
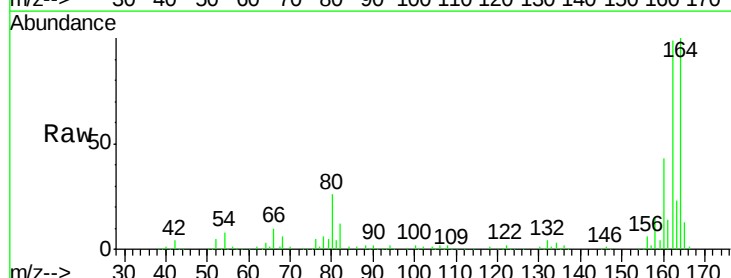
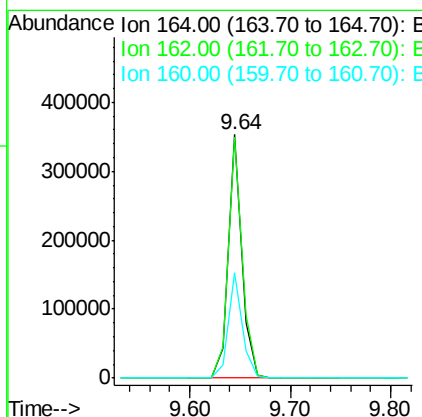
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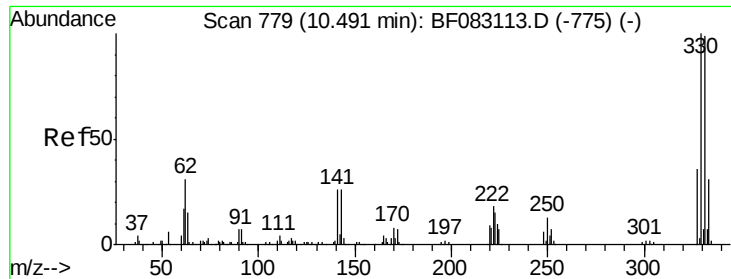
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.2	121.8
160	43.5	35.6	53.4





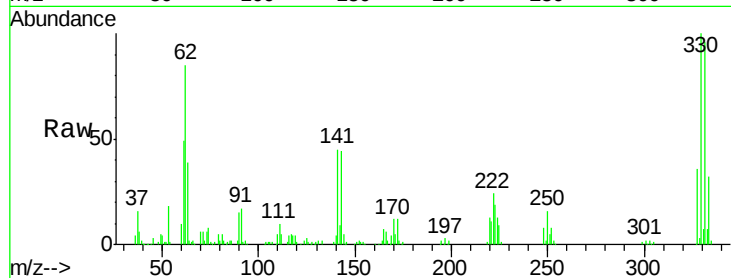
#41
 2,4,6-Tribromophenol
 Concen: 89.79 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BL

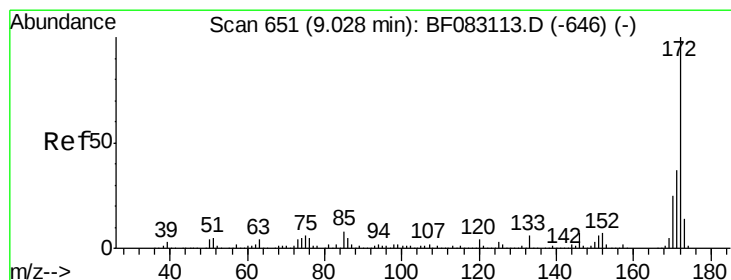
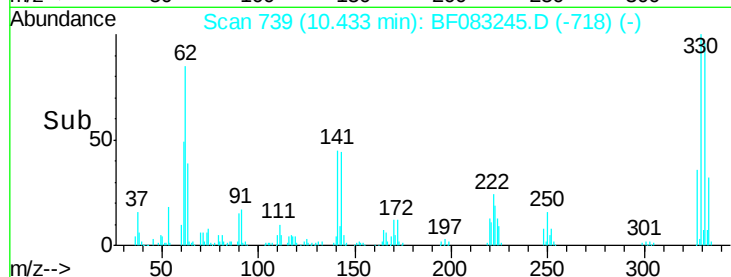
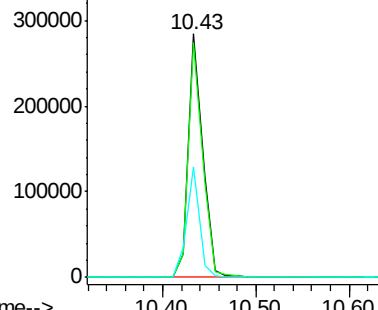
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	305382		
332	95.9	77.7	116.5	
141	40.6	29.7	44.5	

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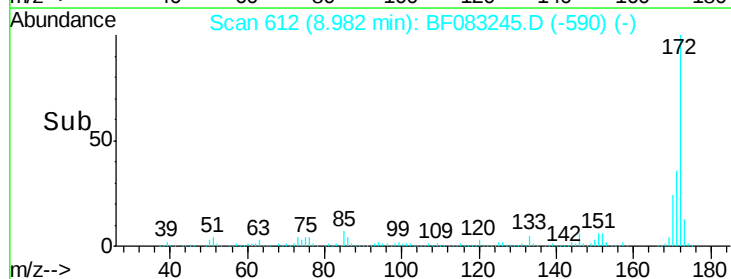
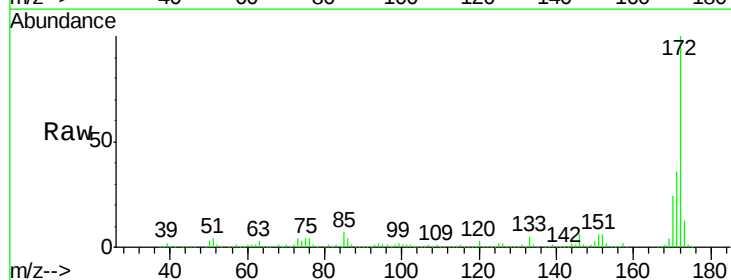
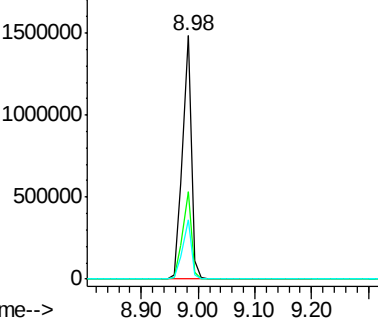
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

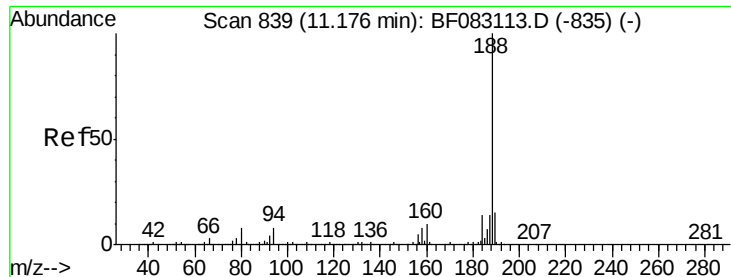


#44
 2-Fluorobiphenyl
 Concen: 64.13 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1528731		
171	36.2	29.5	44.3	
170	24.4	19.9	29.9	

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: 11.12 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Instrument :

BNA_F

ClientSampleId :

PB86825BL

Tgt Ion:188 Resp: 633116
Ion Ratio Lower Upper

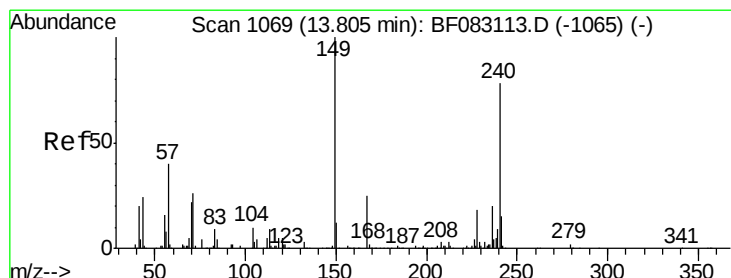
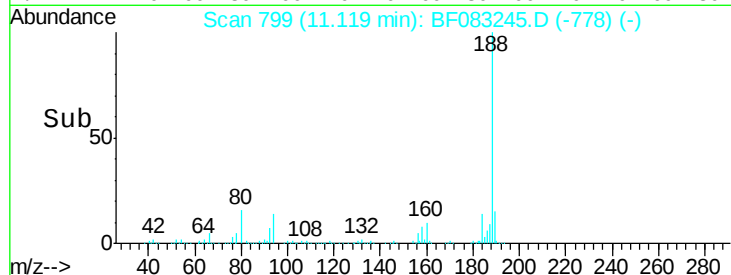
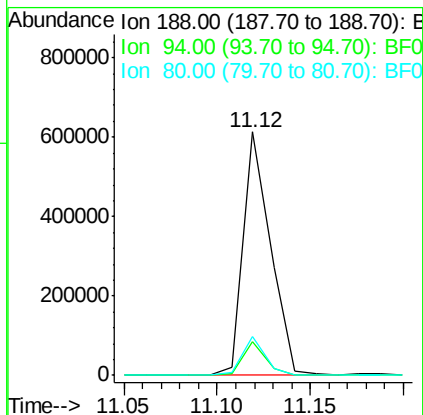
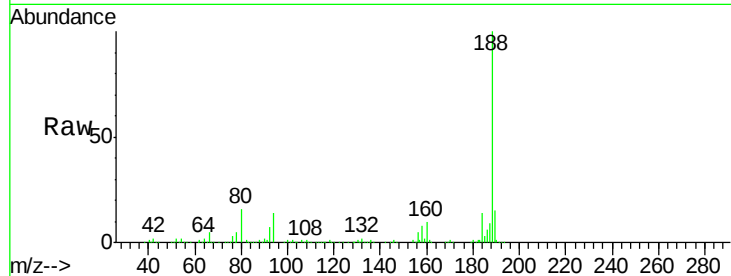
188 100

94 13.6 6.0 9.0#

80 16.2 6.7 10.1#

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#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083245.D

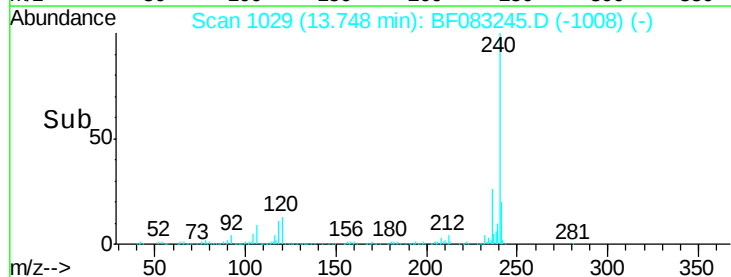
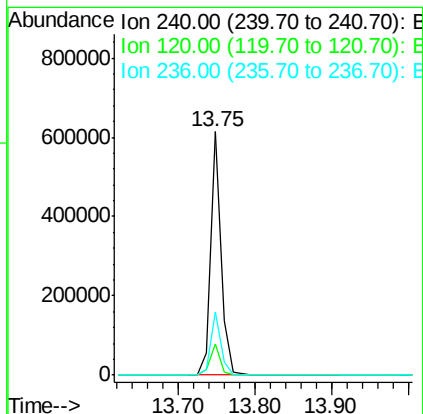
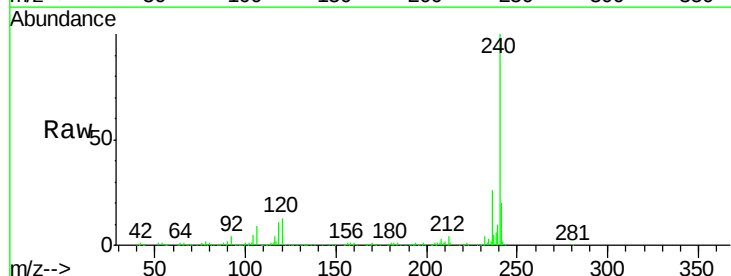
Acq: 24 Nov 2015 19:14

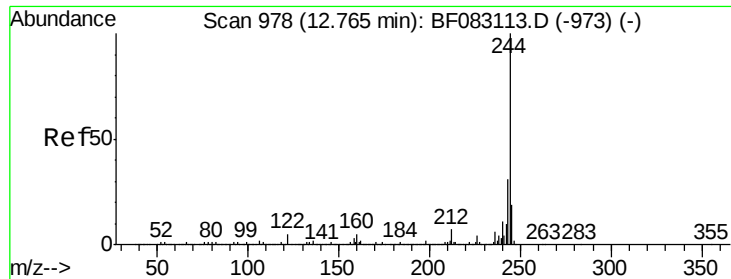
Tgt Ion:240 Resp: 564779
Ion Ratio Lower Upper

240 100

120 13.0 5.4 8.2#

236 26.2 20.6 31.0





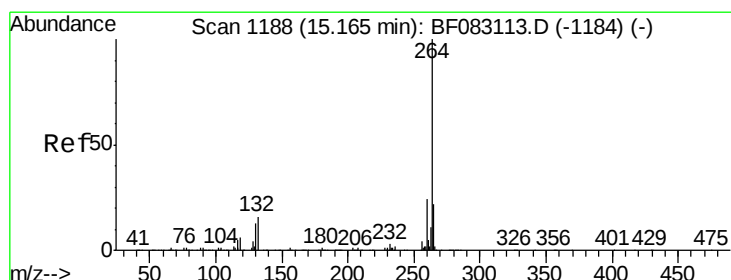
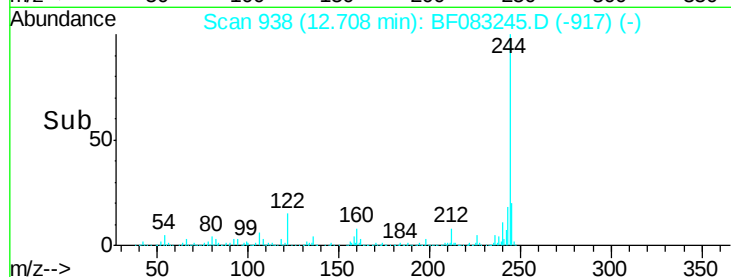
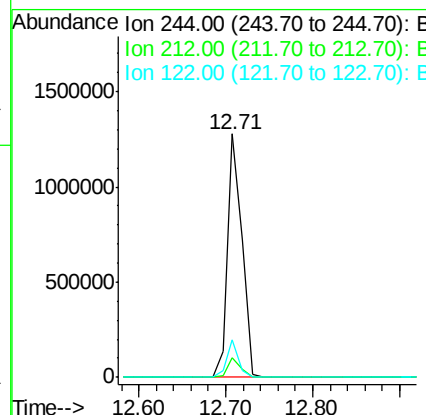
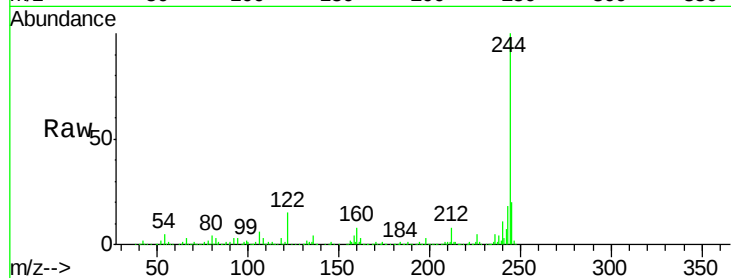
#78
 Terphenyl-d14
 Concen: 61.63 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	15.5	4.3	6.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.1	18.2	27.4

