

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085266.D
 Acq On : 8 Mar 2016 20:13
 Operator : UM/SJ
 Sample : H1684-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Manual Integrations
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 3/9/2016 9:30:38 AM

Quant Time: Mar 09 01:00:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147744	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	555070	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	244908	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	468916	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	326816	20.00	ng	-0.03
86) Perylene-d12	15.58	264	253399	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1180512	134.03	ng	0.00
7) Phenol-d6	6.58	99	1221397	105.84	ng	-0.02
23) Nitrobenzene-d5	7.52	82	905521	87.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	321986	153.65	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1643538	102.06	ng	-0.02
78) Terphenyl-d14	13.08	244	1552729	110.29	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	672096	24.62	ng	98
37) 2-Methylnaphthalene	8.96	142	67318	3.84	ng	98

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

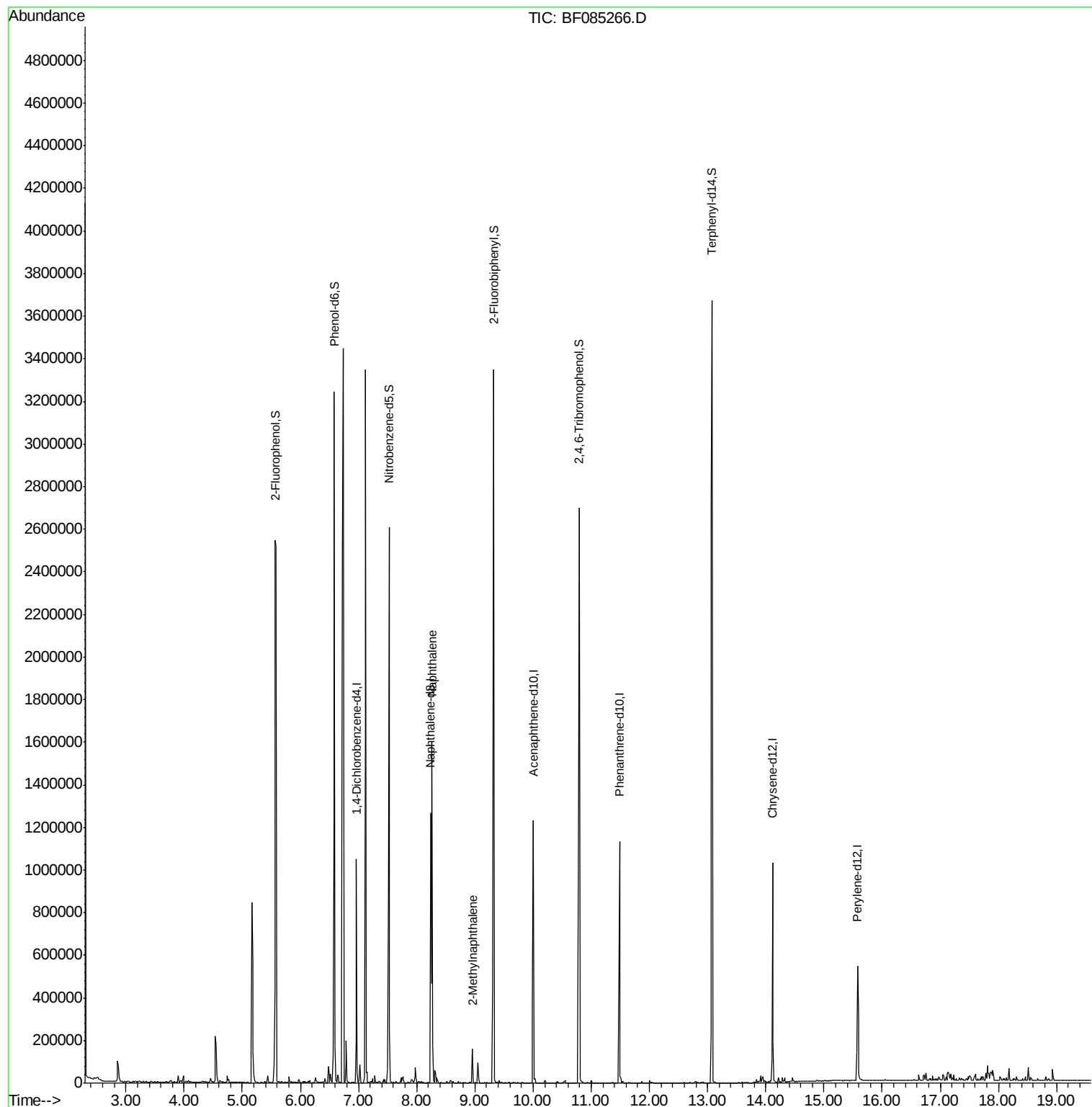
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085266.D
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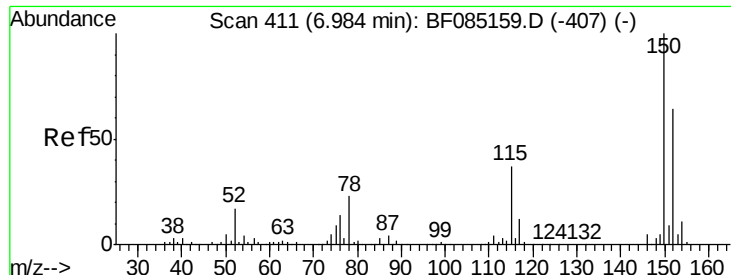
Instrument :
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Quant Time: Mar 09 01:00:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





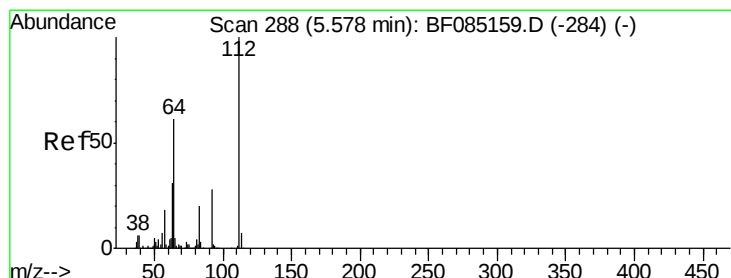
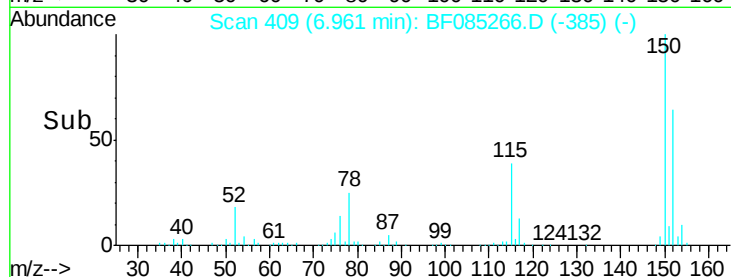
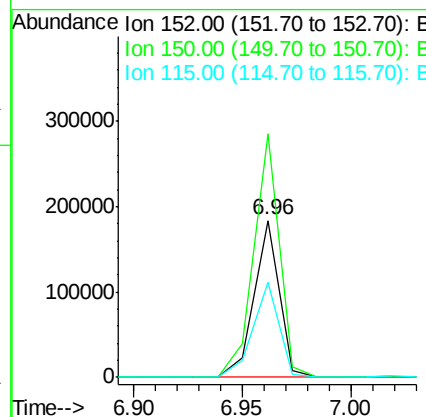
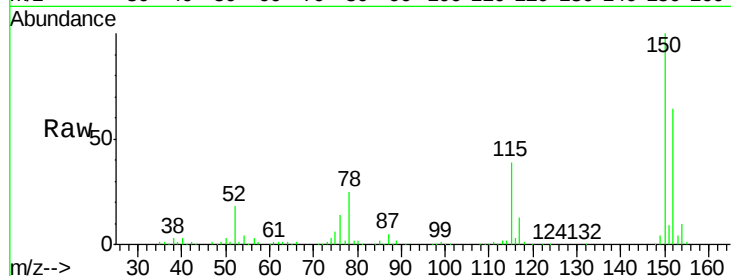
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Tgt	Ion	Resp	Lower	Upper
152	100			
150	155.2	147744	124.6	186.8
115	60.5	46.6	70.0	

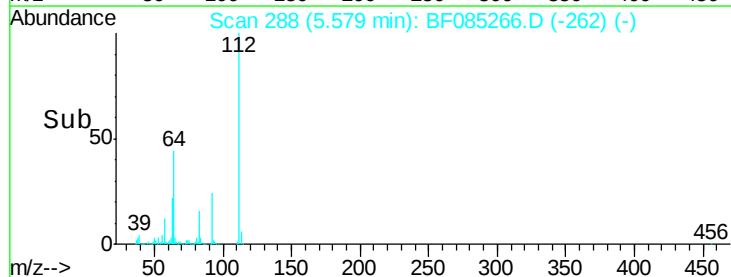
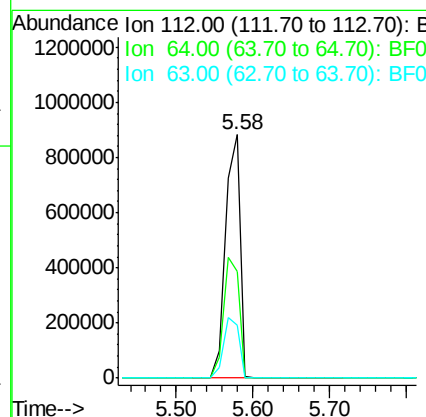
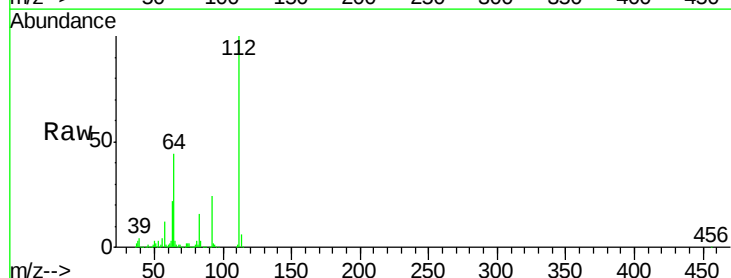
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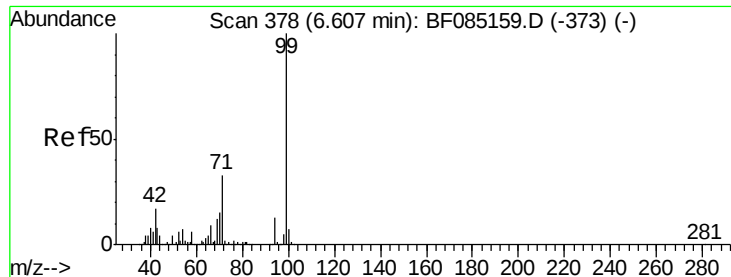
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#5
 2-Fluorophenol
 Concen: 134.03 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Tgt	Ion	Resp	Lower	Upper
112	100	1180512		
64	44.0	49.0	73.4#	
63	21.9	24.8	37.2#	





#7

Phenol-d6

Concen: 105.84 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085266.D

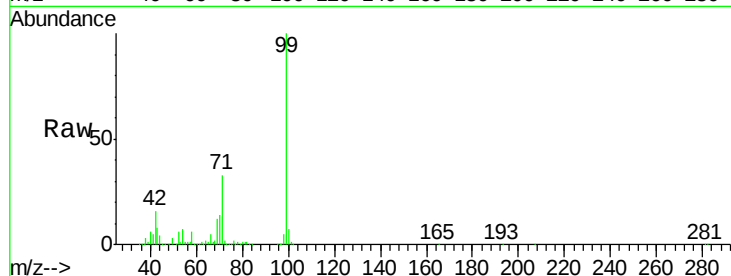
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Instrument :

BNA_F

ClientSampleId :

RW-48-S2 GRID 3



Tgt Ion: 99 Resp: 1221397

Ion Ratio Lower Upper

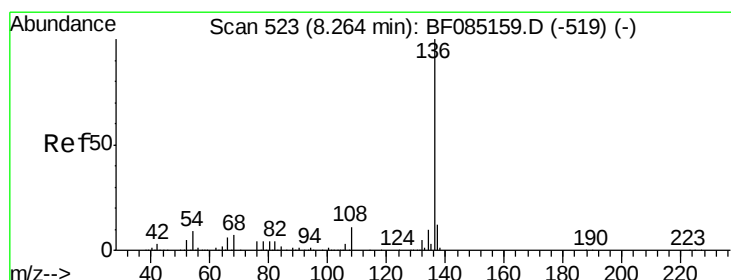
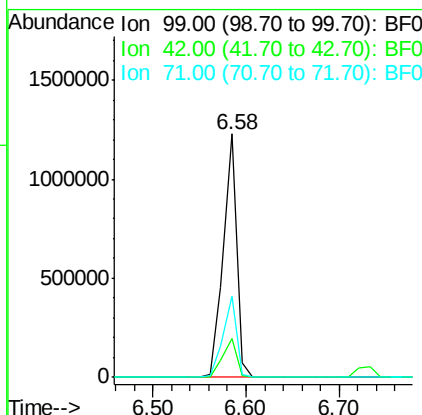
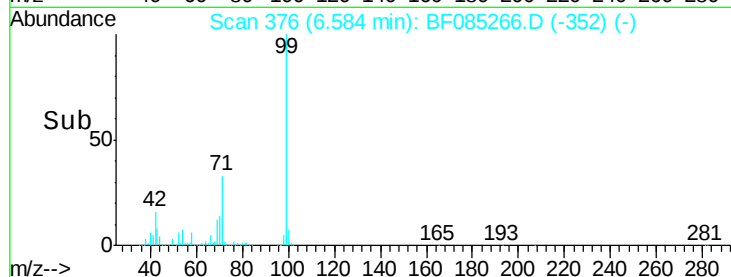
99 100

42 16.2 13.6 20.4

71 33.2 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085266.D

Acq: 8 Mar 2016 20:13

Tgt Ion: 136 Resp: 555070

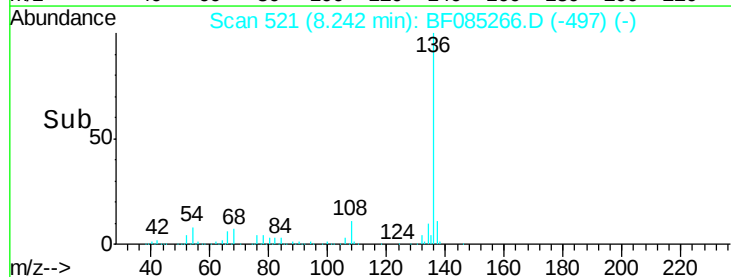
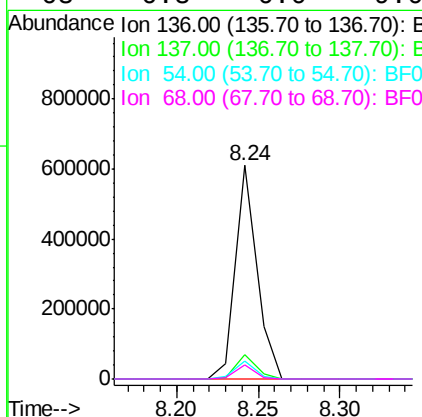
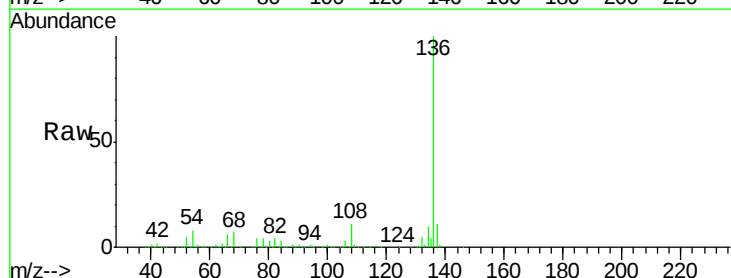
Ion Ratio Lower Upper

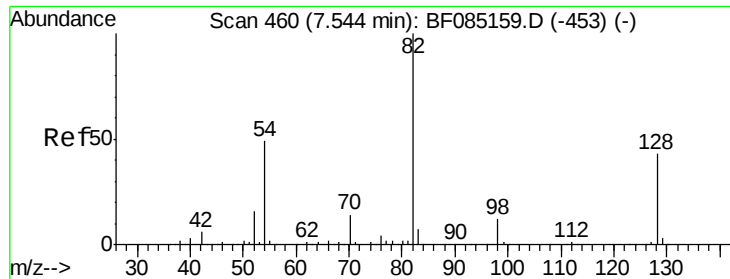
136 100

137 11.3 9.3 13.9

54 8.4 7.4 11.2

68 6.8 6.0 9.0





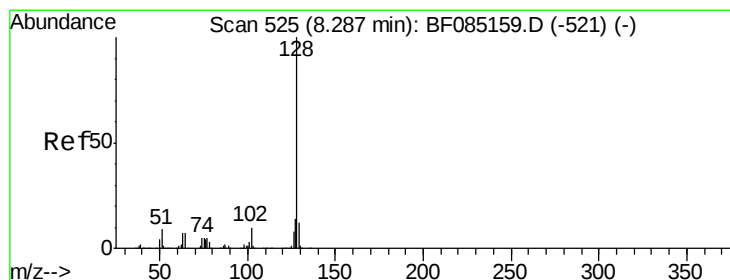
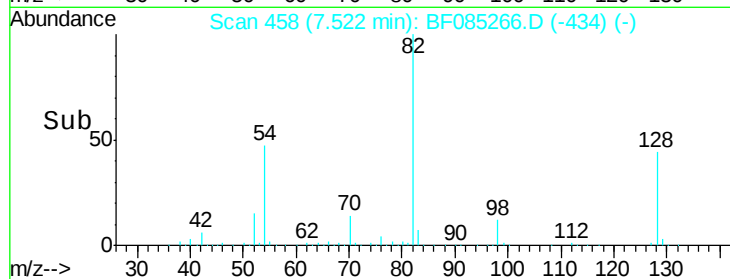
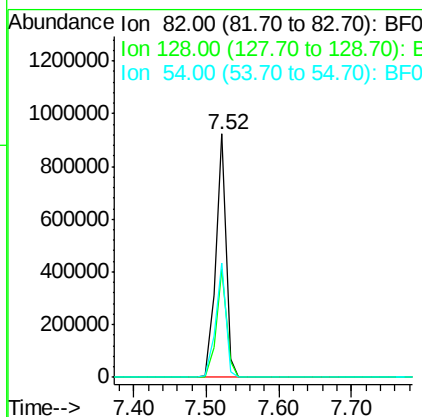
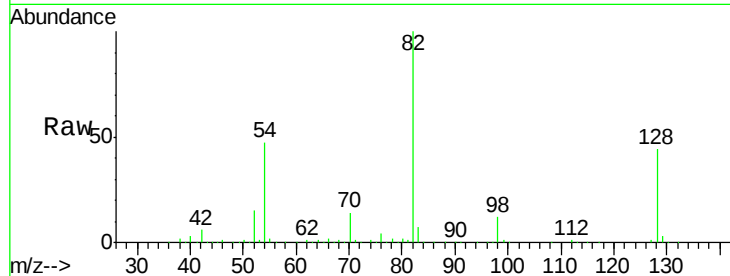
#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.5	51.7
54	46.9	39.3	58.9

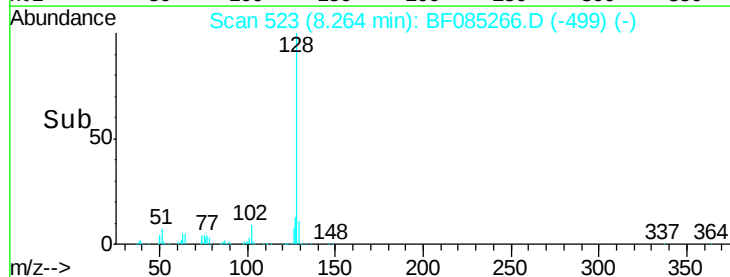
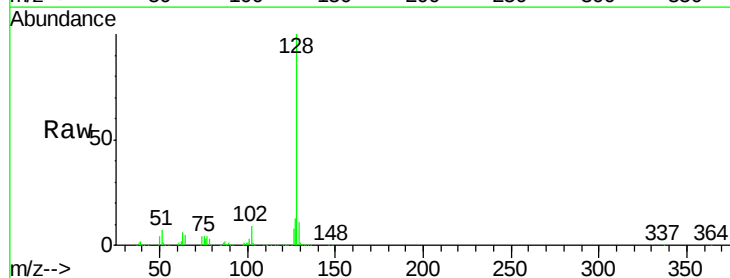
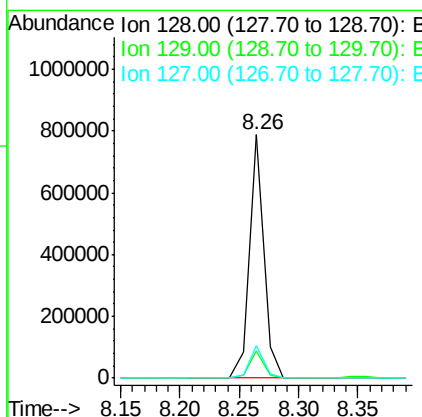
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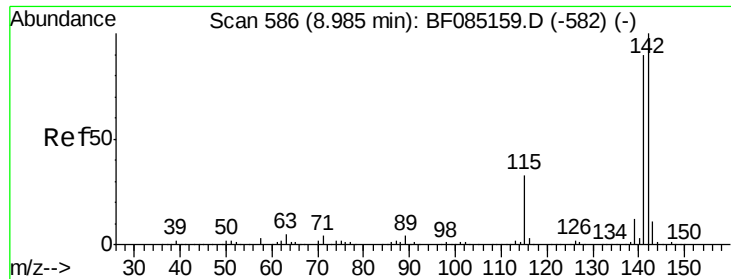
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#31
 Naphthalene
 Concen: 24.62 ng
 RT: 8.26 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.3	11.2	16.8





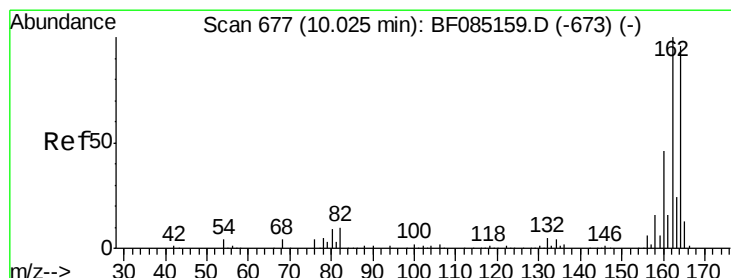
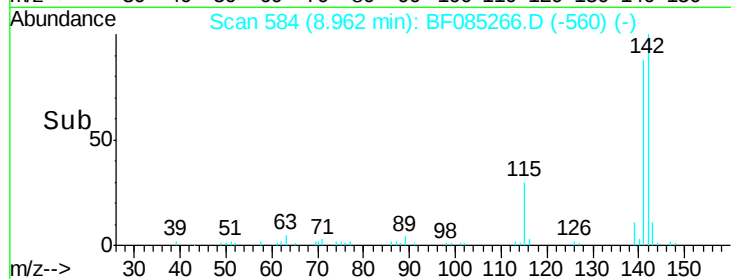
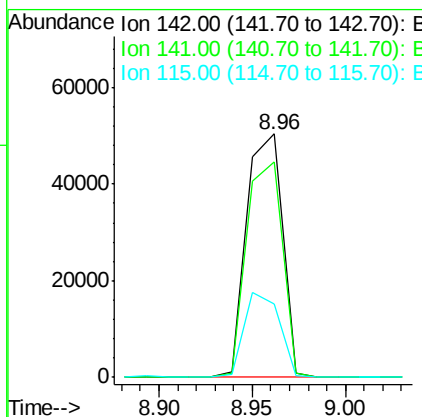
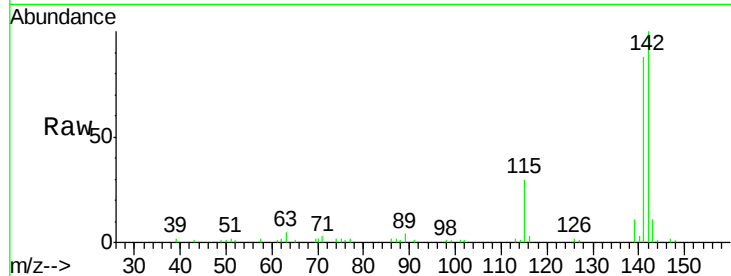
#37
 2-Methylnaphthalene
 Concen: 3.84 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	30.1	26.2	39.4

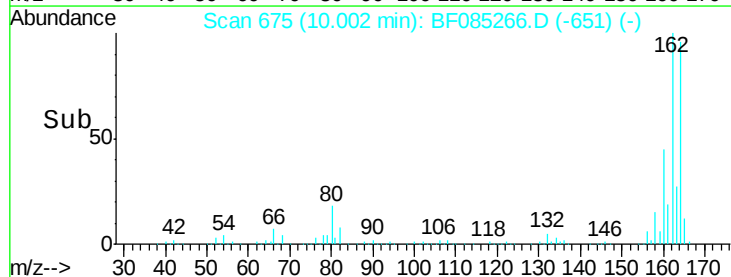
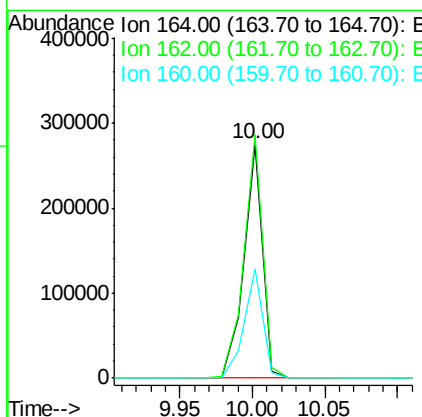
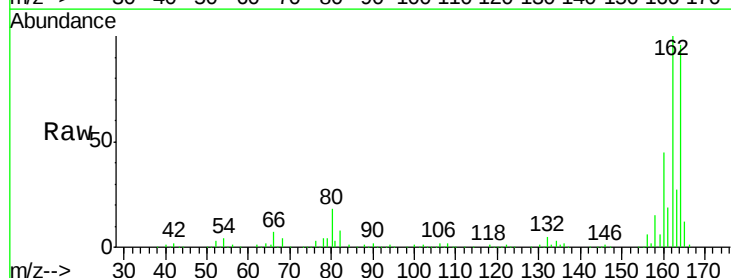
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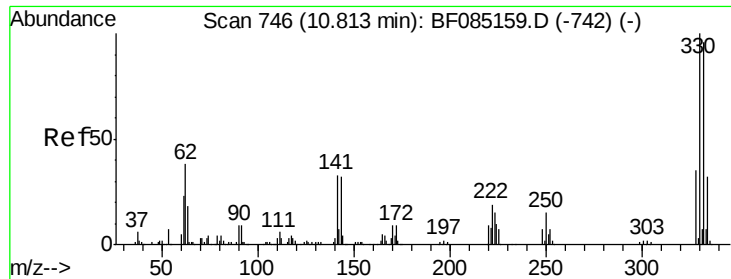
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.3	124.9
160	46.6	37.9	56.9





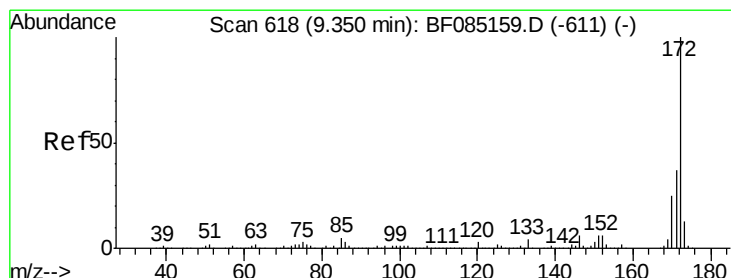
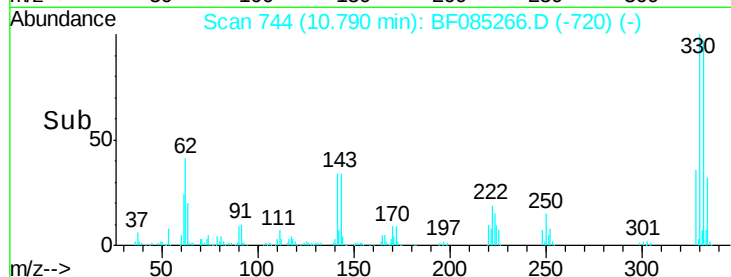
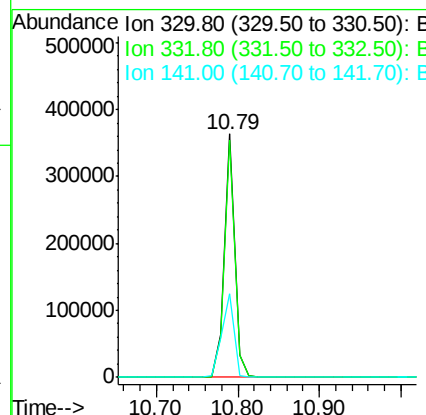
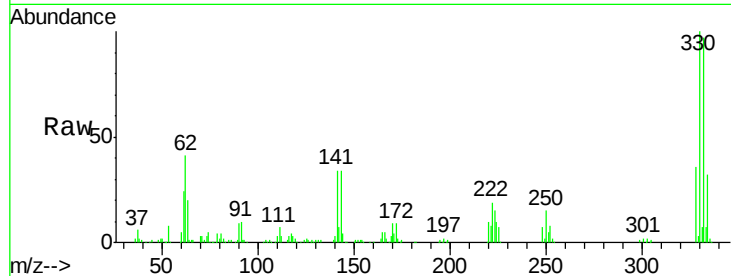
#41
 2,4,6-Tribromophenol
 Concen: 153.65 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	321986		
332	97.0	77.1	115.7	
141	40.6	35.0	52.6	

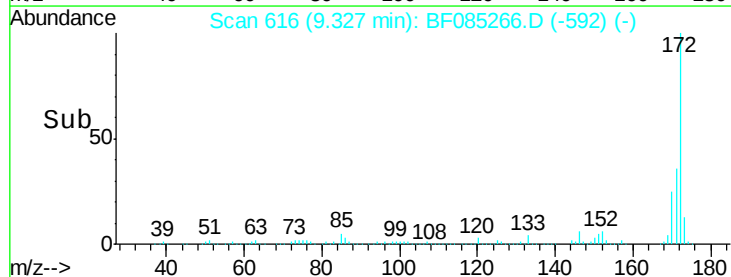
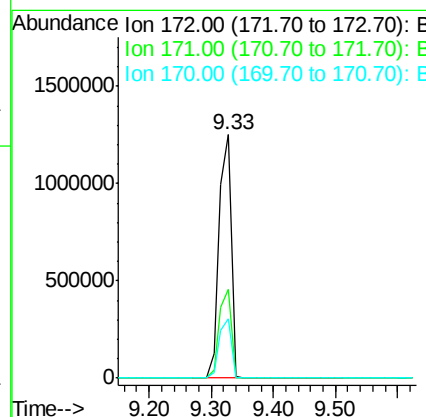
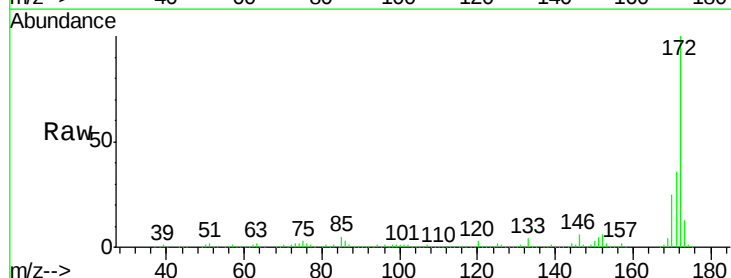
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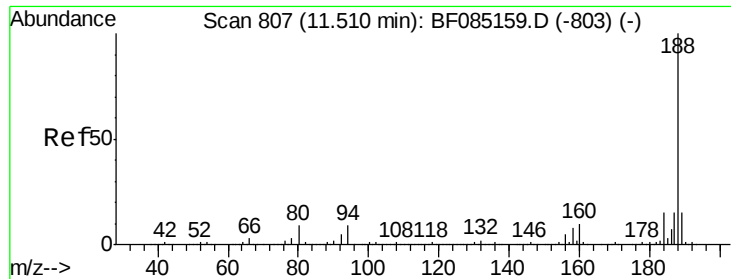
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#44
 2-Fluorobiphenyl
 Concen: 102.06 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1643538		
171	36.4	29.3	43.9	
170	24.5	20.0	30.0	





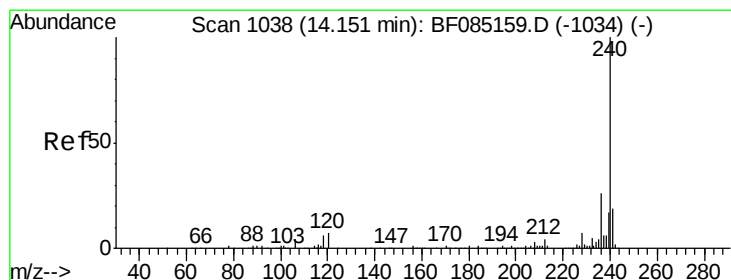
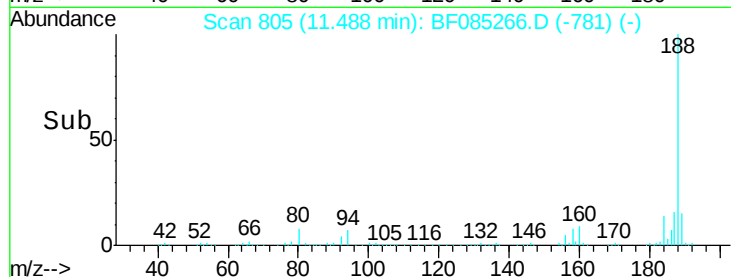
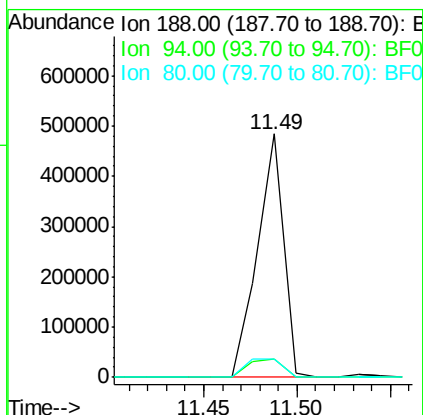
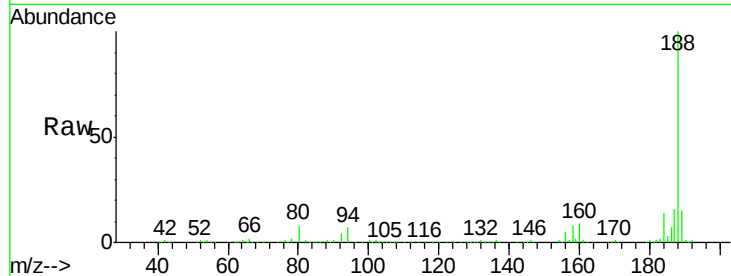
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085266.D
Acq: 8 Mar 2016 20:13

Instrument :
BNA_F
ClientSampleId :
RW-48-S2 GRID 3

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	468916		
94	7.5	7.0	10.6	
80	7.8	7.4	11.0	

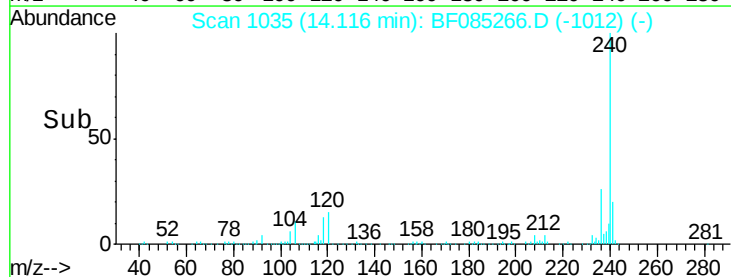
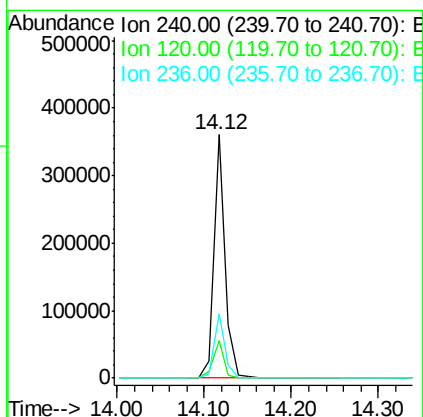
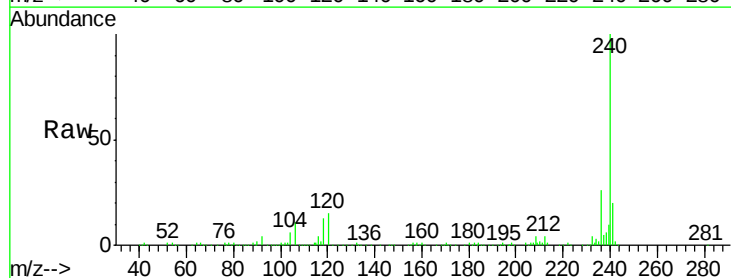
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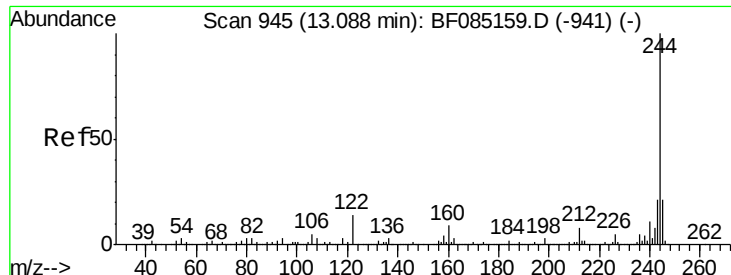
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085266.D
Acq: 8 Mar 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326816		
120	15.5	5.3	7.9#	
236	26.5	20.7	31.1	





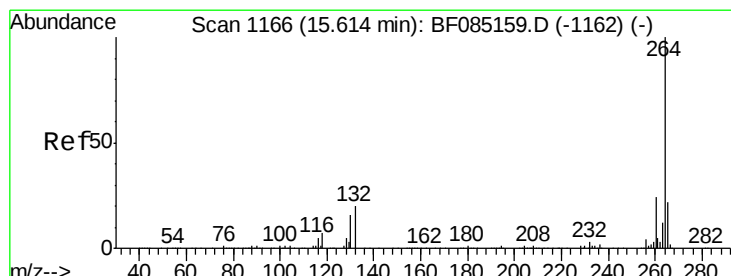
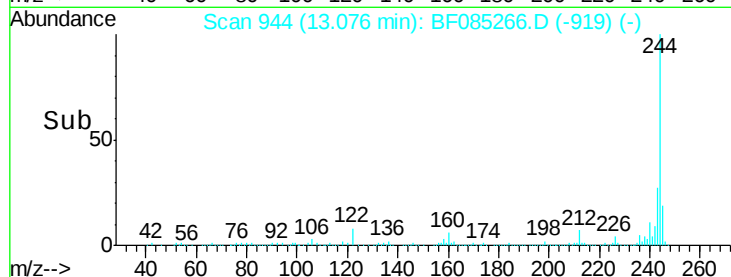
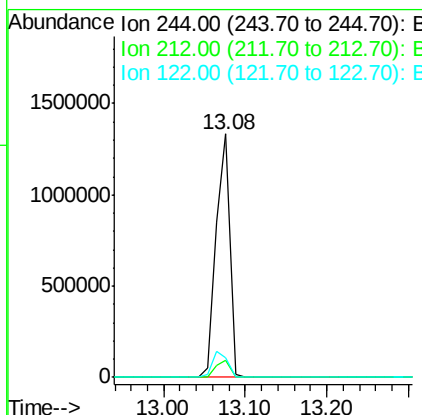
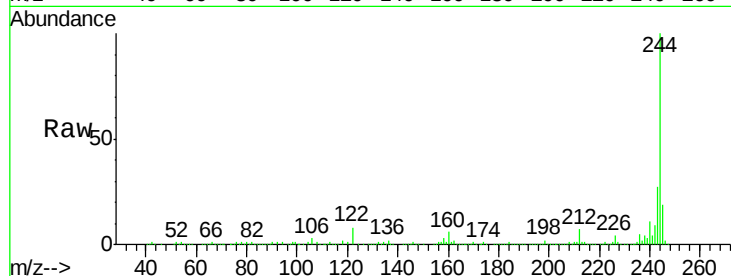
#78
 Terphenyl-d14
 Concen: 110.29 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 3

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.1	11.4	17.2#

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085266.D
 Acq: 8 Mar 2016 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.3	25.9

