

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085146.D
 Acq On : 3 Mar 2016 3:43
 Operator : SJ/IZ
 Sample : H1623-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Manual Integrations
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Quant Time: Mar 03 06:43:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	185917	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	771239	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	338320	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	592282	20.00	ng	0.00
75) Chrysene-d12	14.15	240	395106	20.00	ng	0.00
86) Perylene-d12	15.63	264	375665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1413002	123.39	ng	0.03
7) Phenol-d6	6.62	99	1871643	124.67	ng	0.00
23) Nitrobenzene-d5	7.56	82	1339164	92.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	590191	173.59	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1890504	82.30	ng	0.00
78) Terphenyl-d14	13.10	244	1598062	94.88	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	469250	12.03	ng	97
37) 2-Methylnaphthalene	8.98	142	56313	2.36	ng	99

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

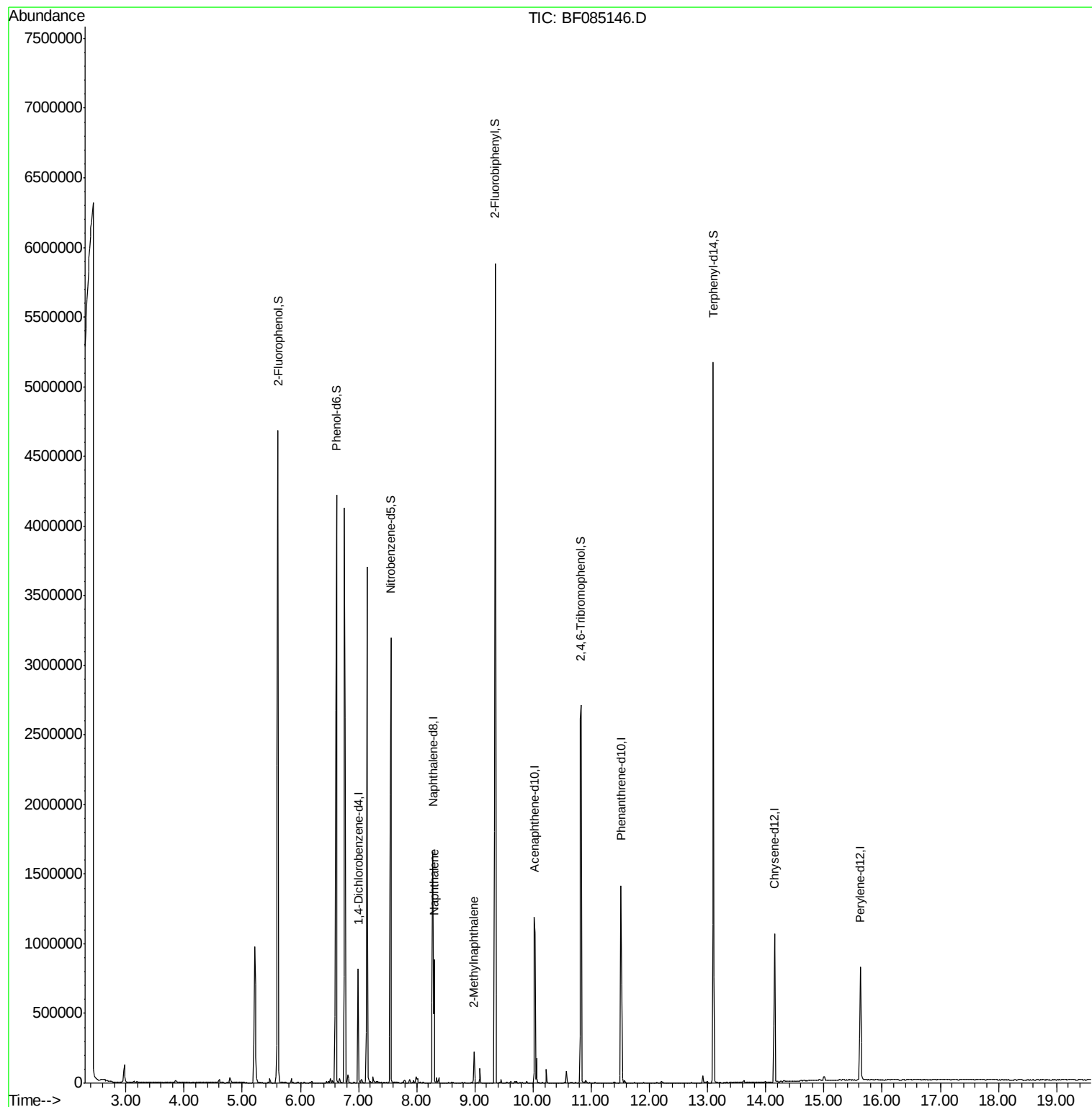
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085146.D
Acq On : 3 Mar 2016 3:43
Operator : SJ/IZ
Sample : H1623-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

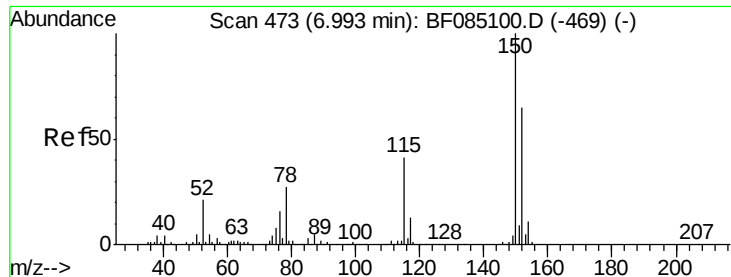
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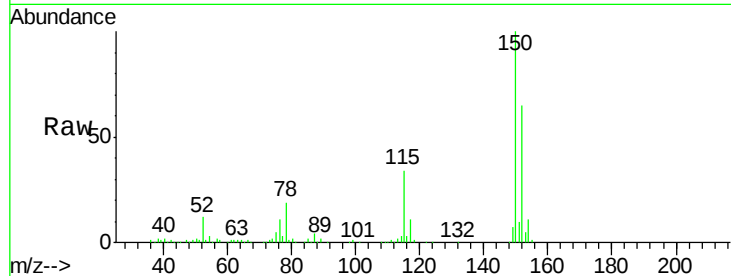




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

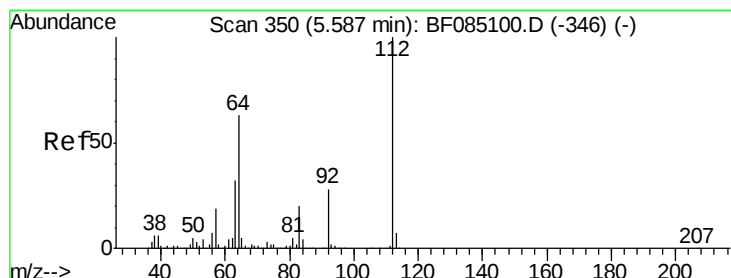
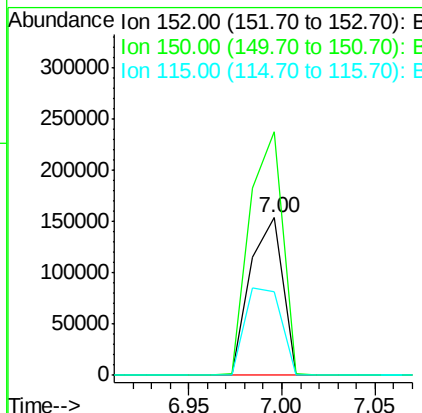
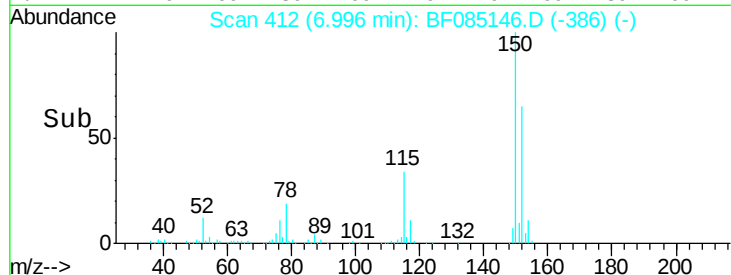
Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.4	185.0
115	53.1	50.0	75.0

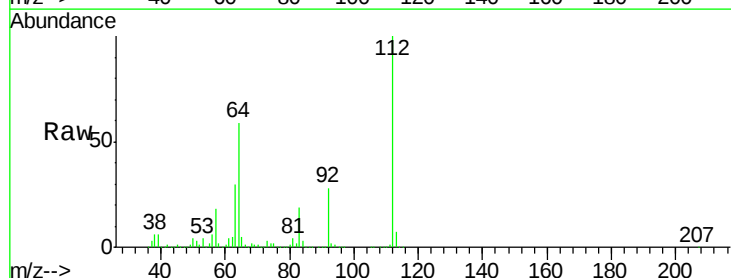
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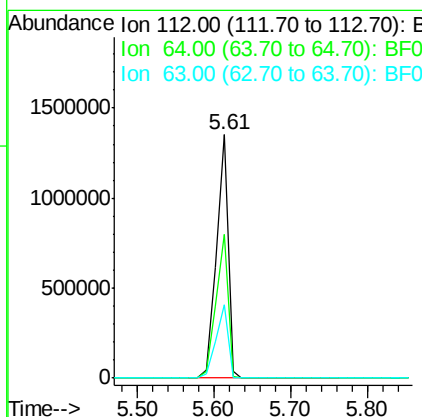
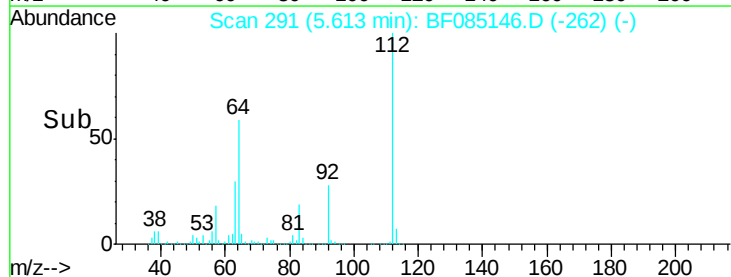


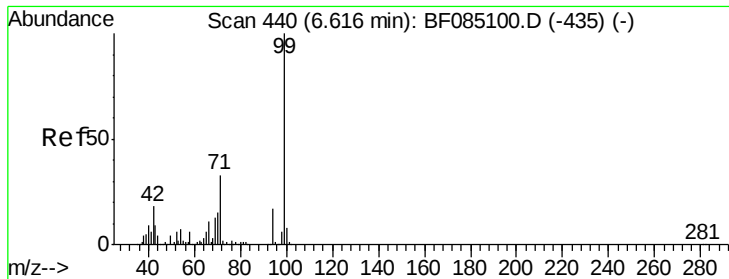
#5

2-Fluorophenol
Concen: 123.39 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.6	76.0
63	30.0	25.5	38.3





#7

Phenol-d6

Concen: 124.67 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-38-022516

Tgt Ion: 99 Resp: 1871643

Ion Ratio Lower Upper

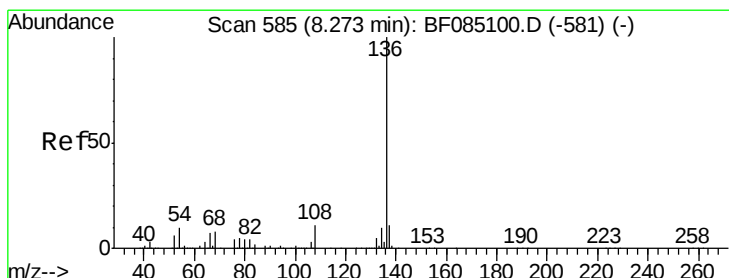
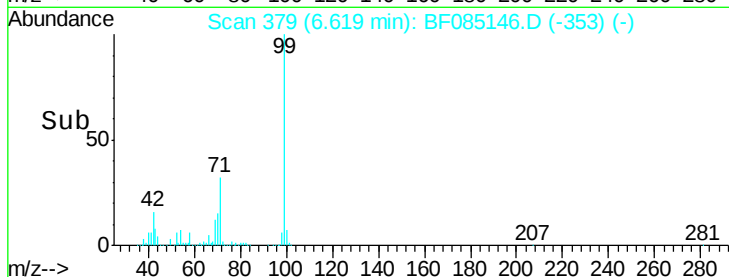
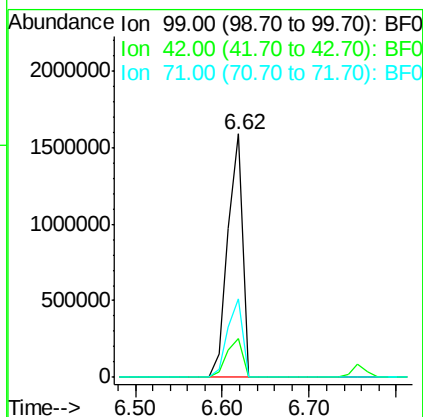
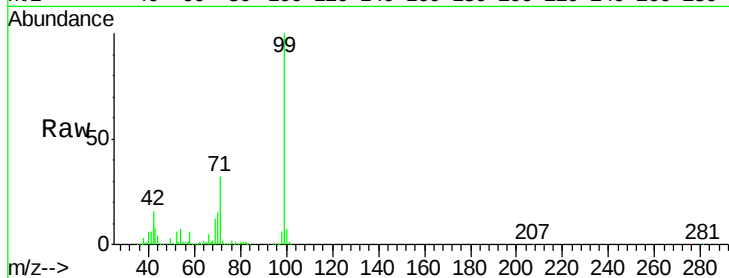
99 100

42 15.9 14.1 21.1

71 32.3 26.8 40.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Tgt Ion: 136 Resp: 771239

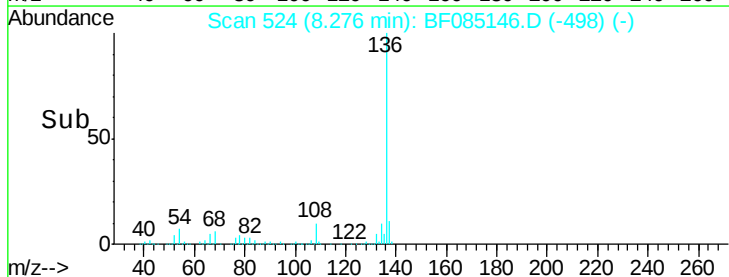
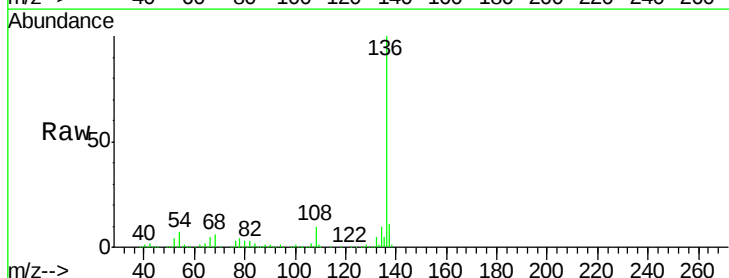
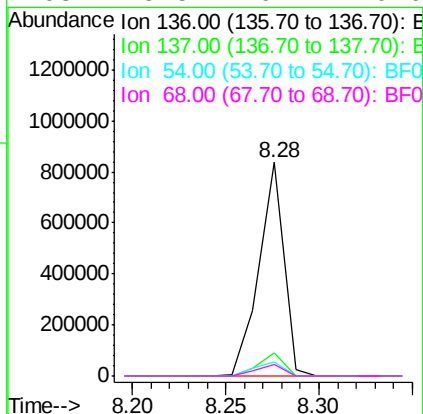
Ion Ratio Lower Upper

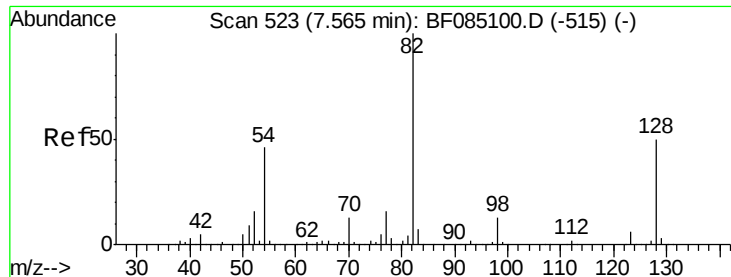
136 100

137 11.0 9.1 13.7

54 6.9 8.5 12.7#

68 5.5 6.4 9.6#





#23

Nitrobenzene-d5

Concen: 92.38 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-38-022516

Tgt Ion: 82 Resp: 1339164

Ion Ratio Lower Upper

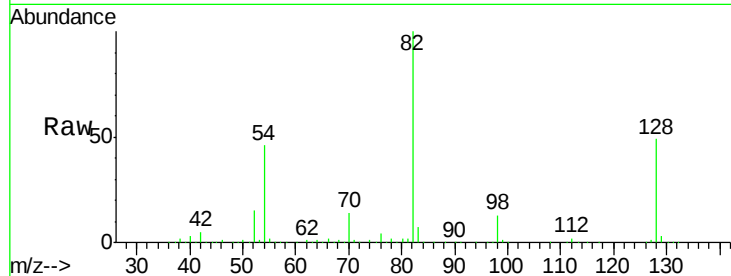
82 100

128 48.8 39.8 59.6

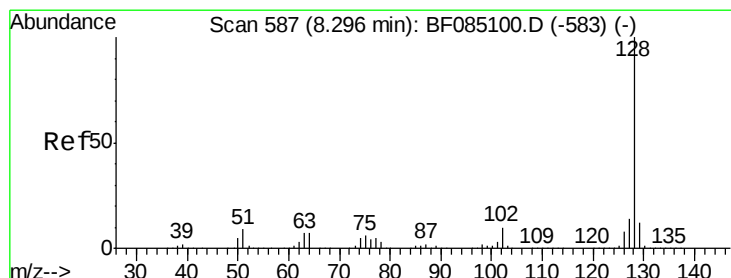
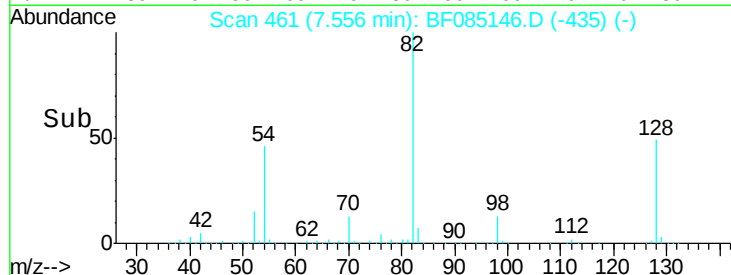
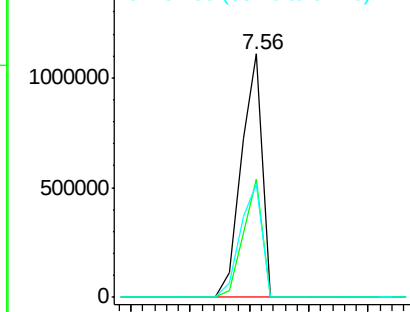
54 46.2 36.6 54.8

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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



#31

Naphthalene

Concen: 12.03 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085146.D

Acq: 3 Mar 2016 3:43

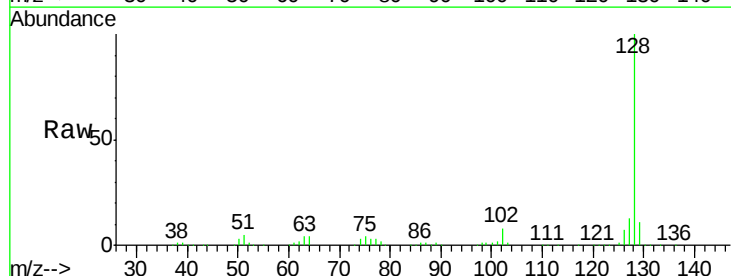
Tgt Ion: 128 Resp: 469250

Ion Ratio Lower Upper

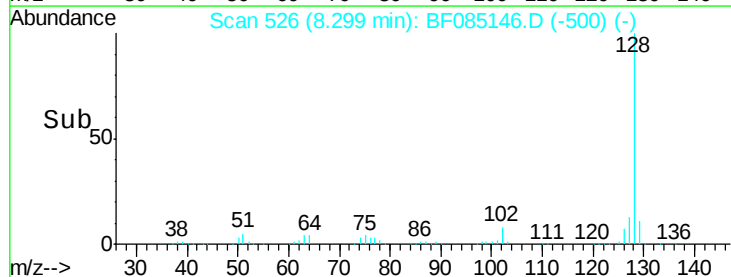
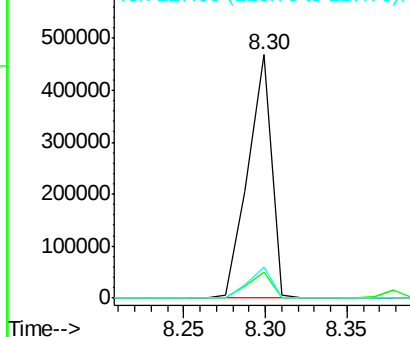
128 100

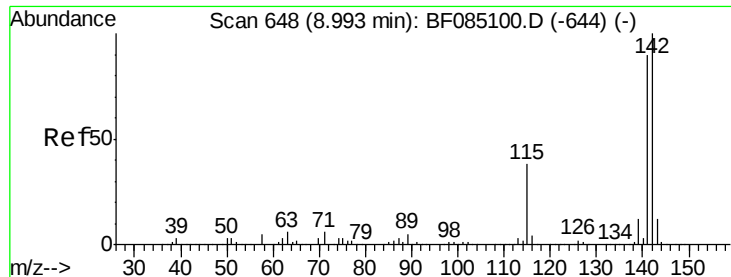
129 10.6 9.7 14.5

127 12.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





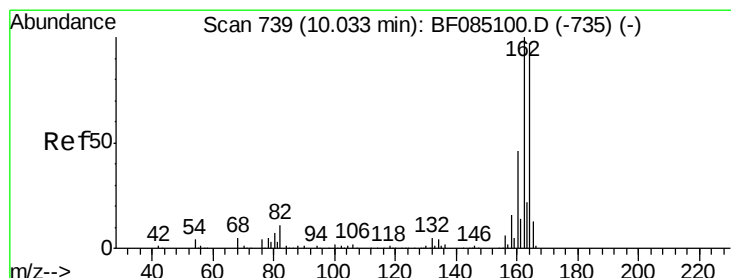
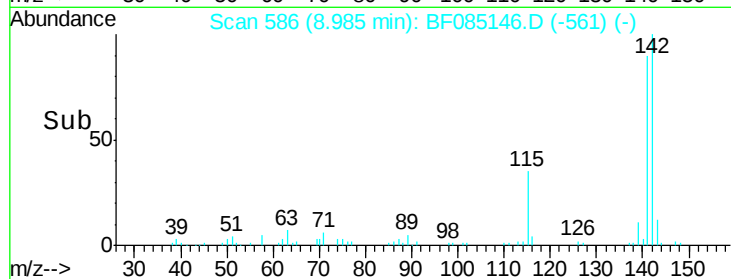
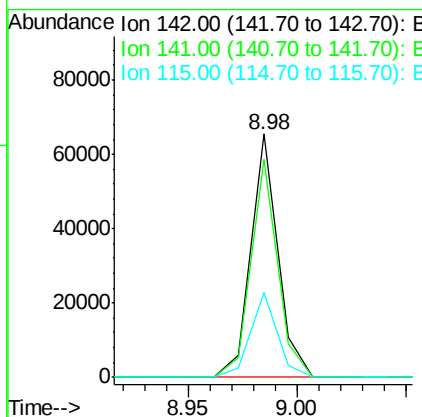
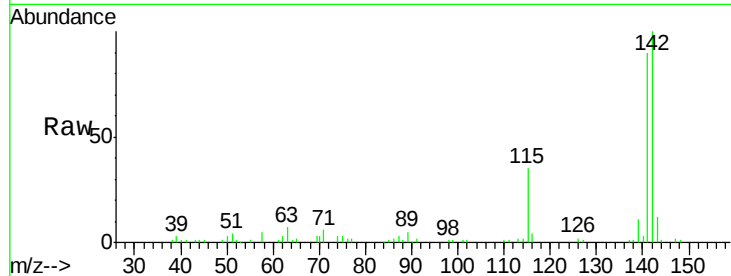
#37
2-Methylnaphthalene
Concen: 2.36 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	56313		
141	89.7		71.7	107.5
115	34.8		30.1	45.1

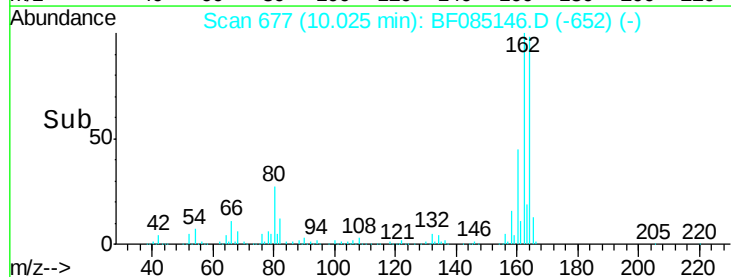
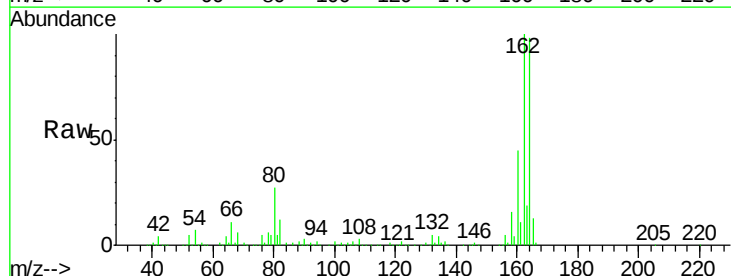
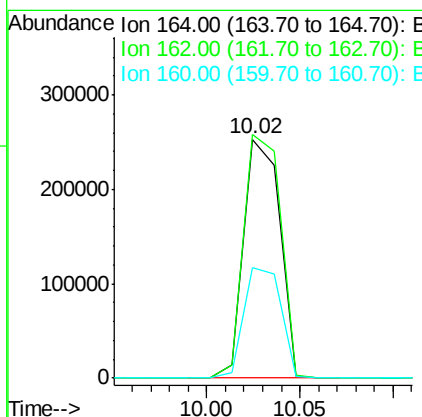
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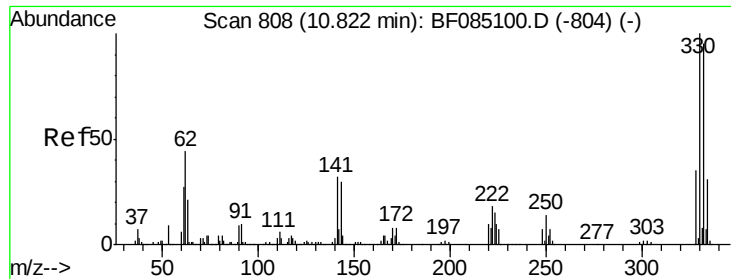
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	338320		
162	101.9		82.6	123.8
160	46.1		38.2	57.2





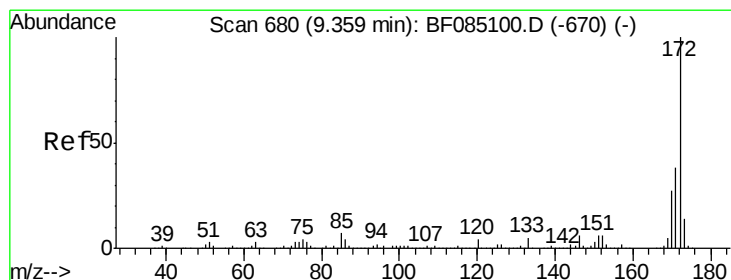
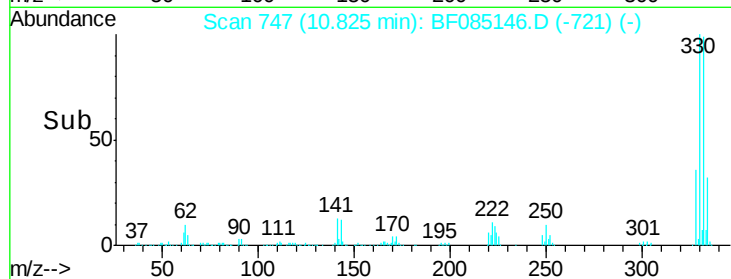
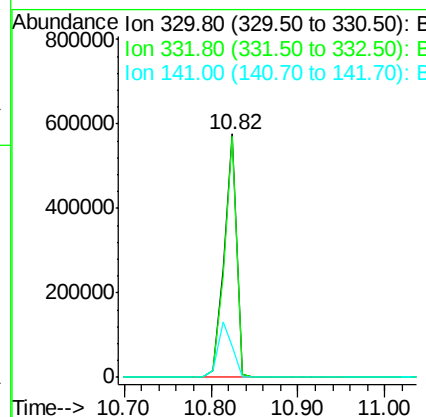
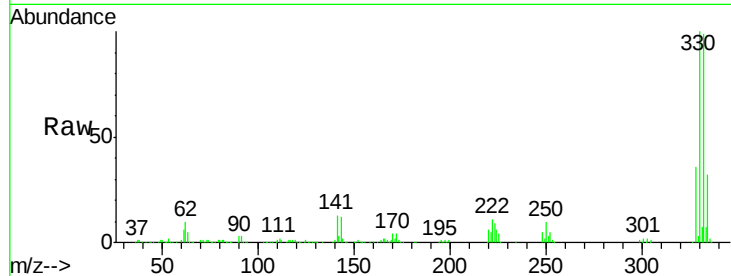
#41
 2,4,6-Tribromophenol
 Concen: 173.59 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	590191		
332	97.4	75.9	113.9	
141	25.9	28.9	43.3#	

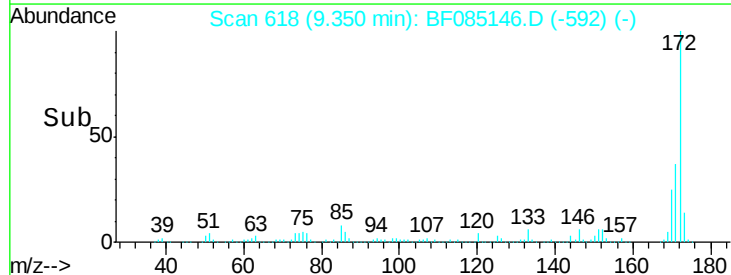
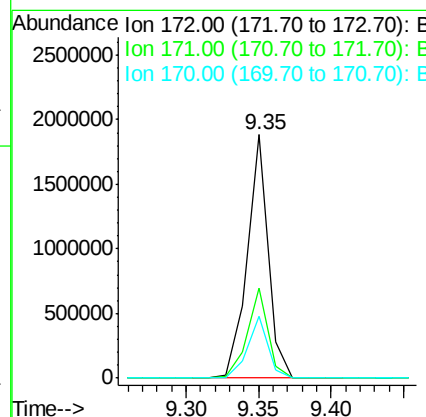
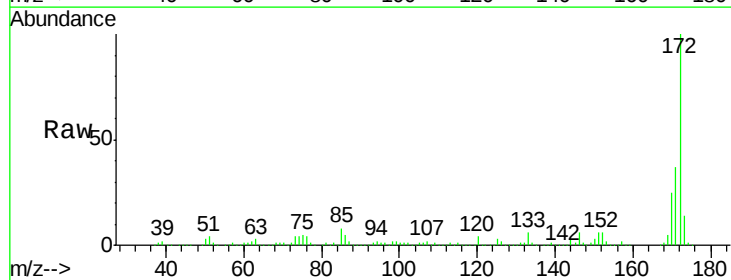
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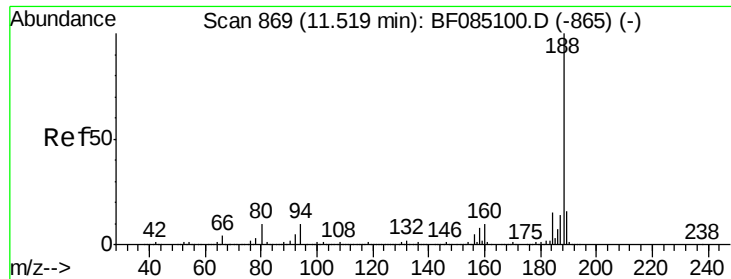
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#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1890504		
171	36.9	30.5	45.7	
170	25.4	21.2	31.8	





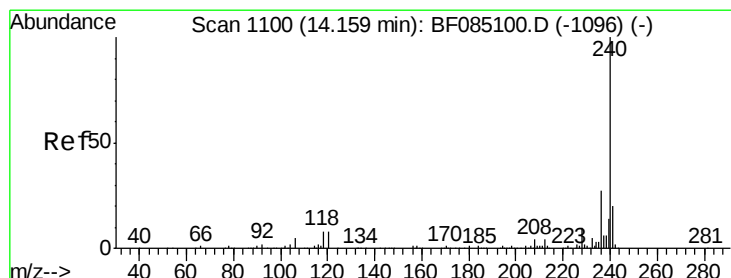
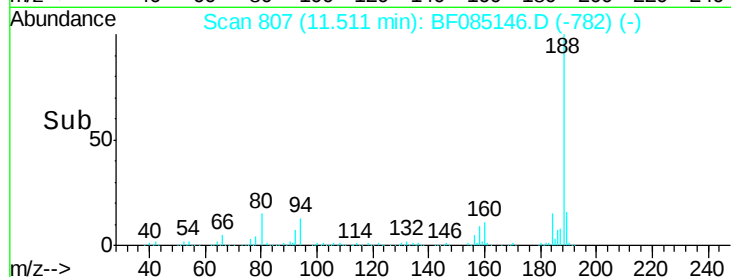
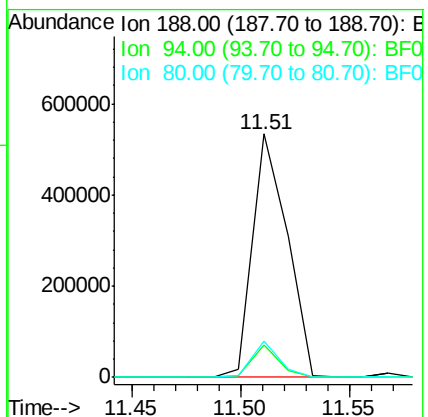
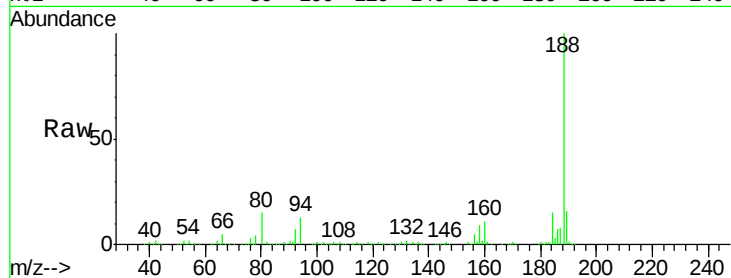
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	13.1	7.8	11.6#
80	14.7	8.2	12.4#

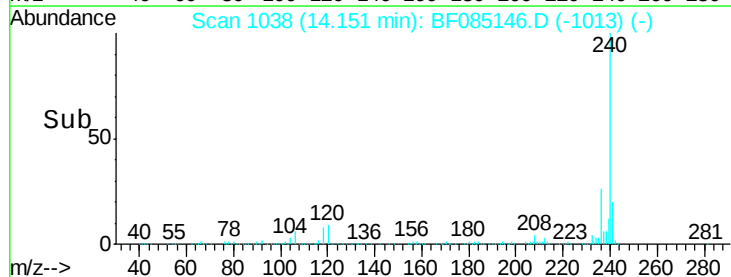
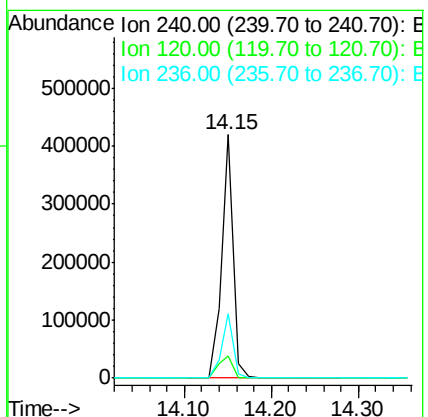
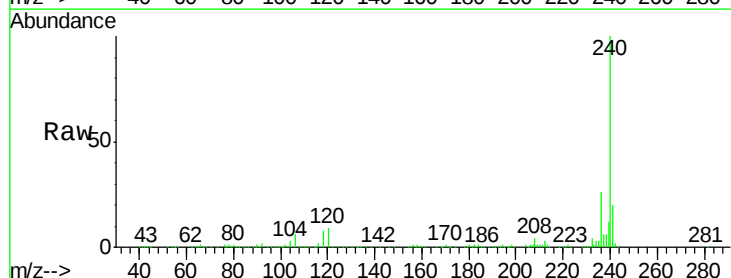
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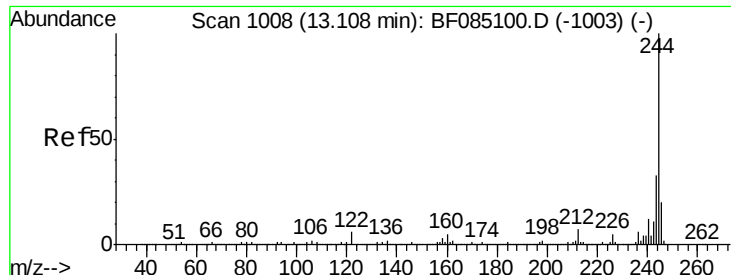
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	6.7	10.1
236	26.4	21.6	32.4





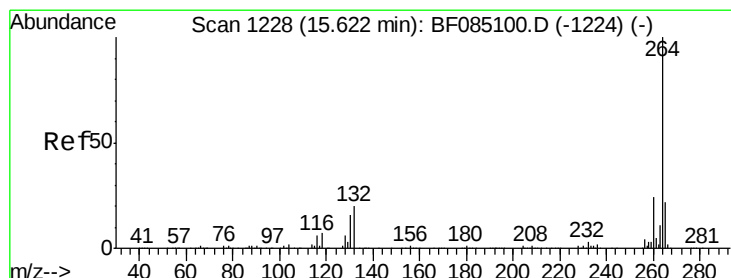
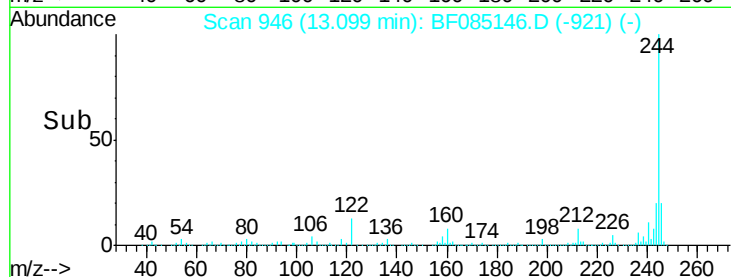
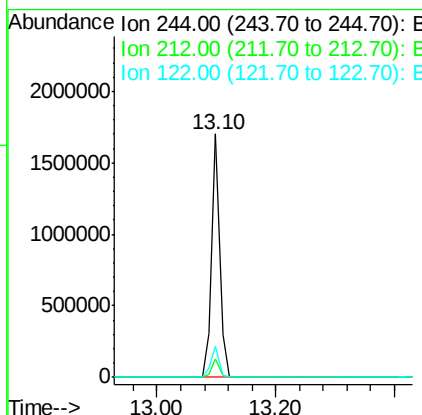
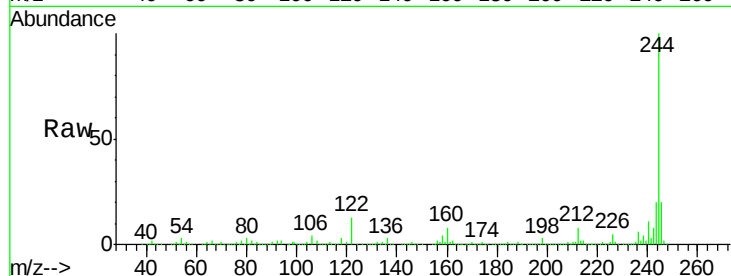
#78
 Terphenyl-d14
 Concen: 94.88 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-38-022516

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.8	5.1	7.7#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085146.D
 Acq: 3 Mar 2016 3:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.1	17.4	26.2

