

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085139.D
 Acq On : 3 Mar 2016 00:29
 Operator : SJ/IZ
 Sample : H1623-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Manual Integrations
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Quant Time: Mar 03 06:41:45 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	167393	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	695305	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	295464	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	508684	20.00	ng	0.00
75) Chrysene-d12	14.15	240	366726	20.00	ng	0.00
86) Perylene-d12	15.63	264	382072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1424045	138.11	ng	0.03
7) Phenol-d6	6.62	99	1744126	129.03	ng	0.00
23) Nitrobenzene-d5	7.56	82	1297782	99.30	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	541602	182.40	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1783808	88.92	ng	0.00
78) Terphenyl-d14	13.10	244	1559129	99.73	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	157959	4.49	ng	Qvalue 97

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

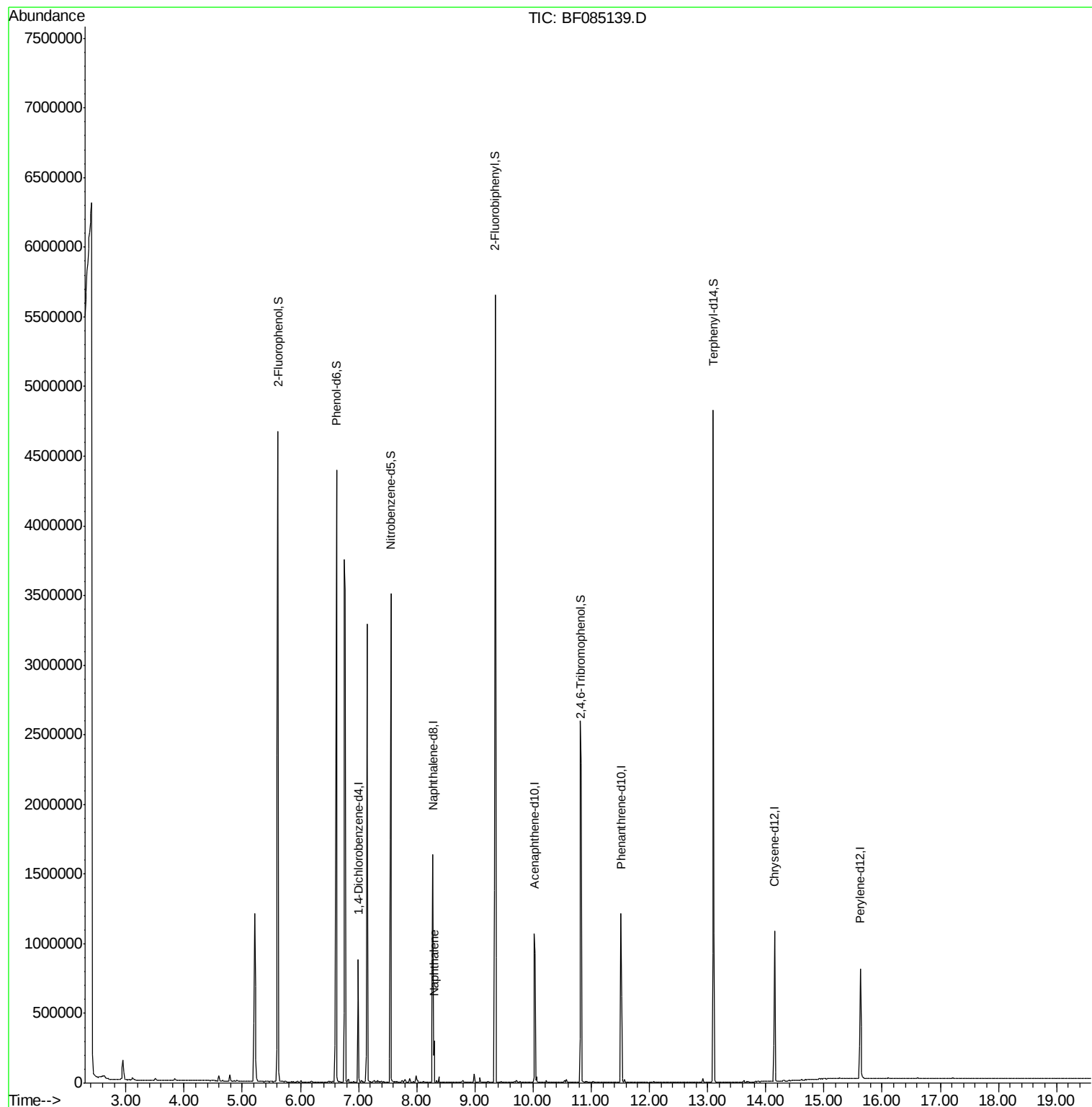
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085139.D
Acq On : 3 Mar 2016 00:29
Operator : SJ/IZ
Sample : H1623-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

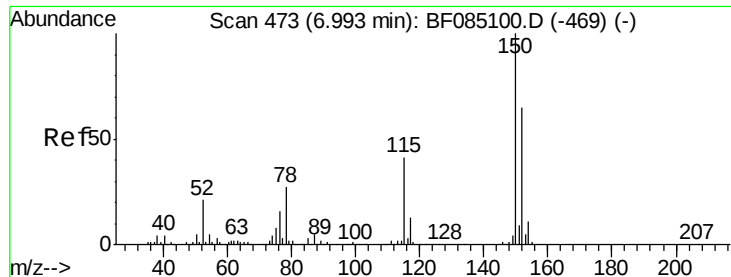
Instrument :
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ClientSampleId :
HSR-WC-31-022516

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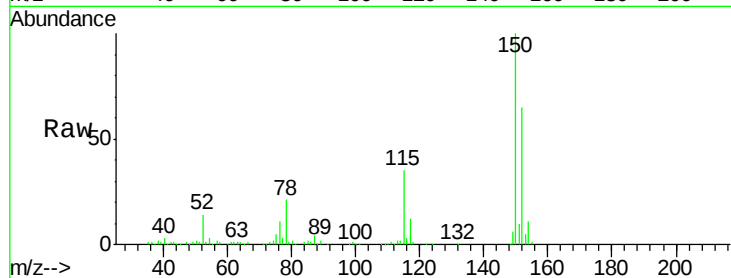




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

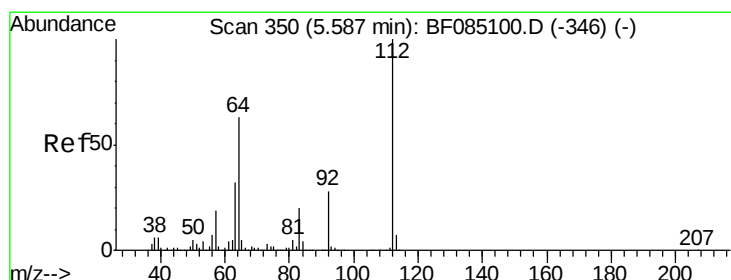
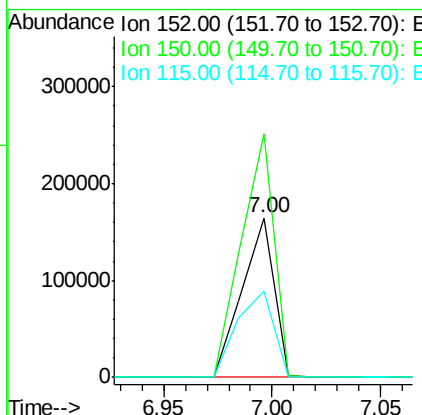
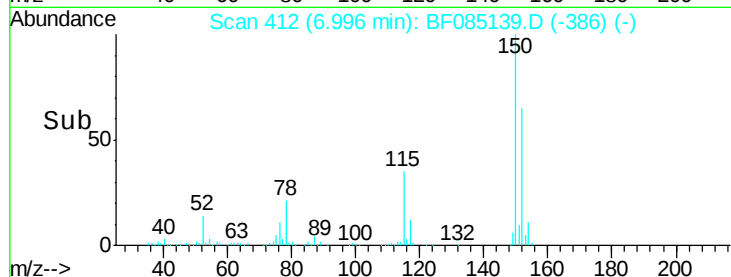
Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.4	185.0
115	54.0	50.0	75.0

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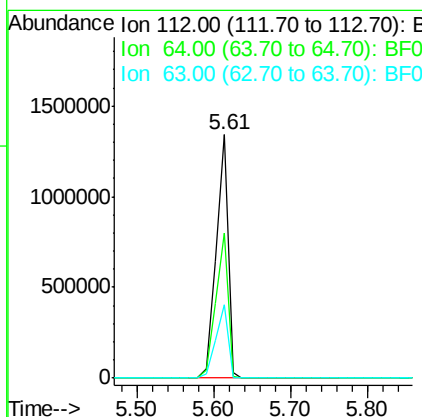
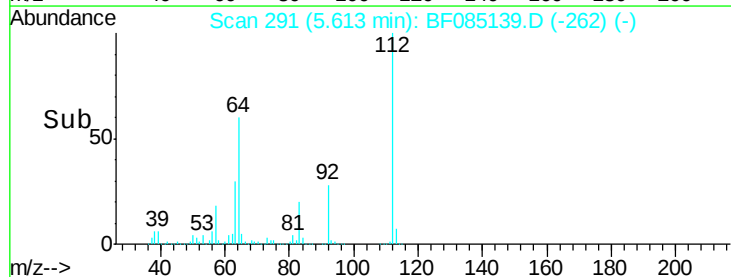
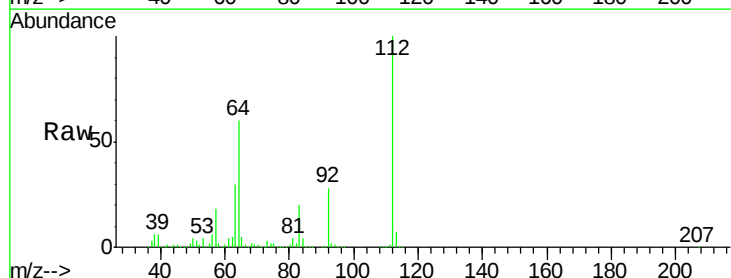
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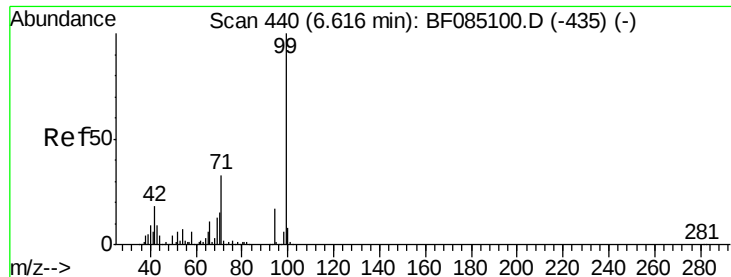


#5

2-Fluorophenol
Concen: 138.11 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.6	76.0
63	30.1	25.5	38.3





#7

Phenol-d6

Concen: 129.03 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

Tgt Ion: 99 Resp: 1744126

Ion Ratio Lower Upper

99 100

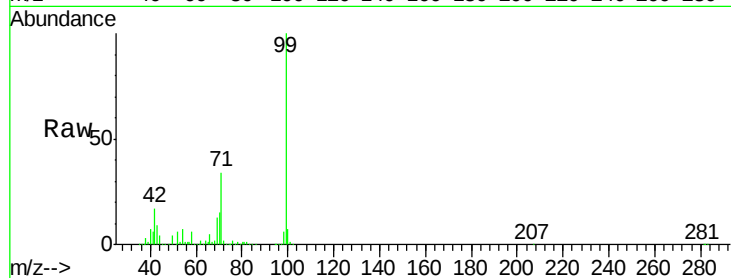
42 17.2 14.1 21.1

71 33.6 26.8 40.2

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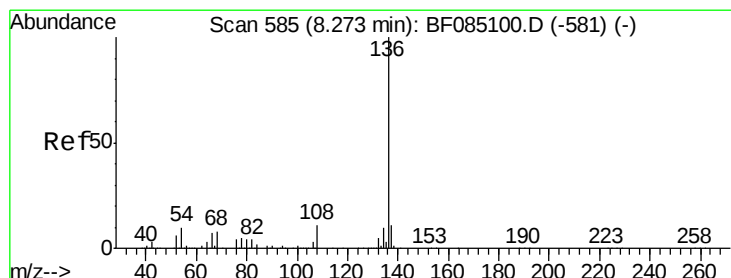
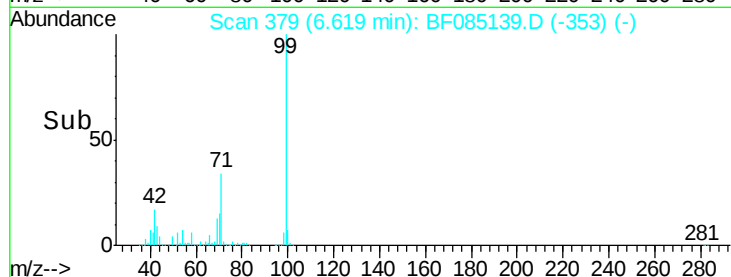
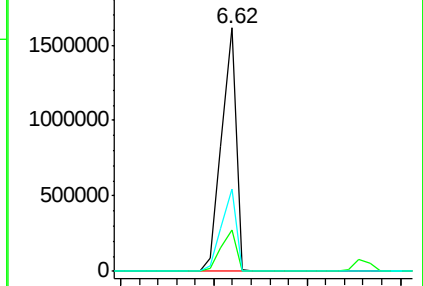
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Tgt Ion: 136 Resp: 695305

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 8.5 12.7#

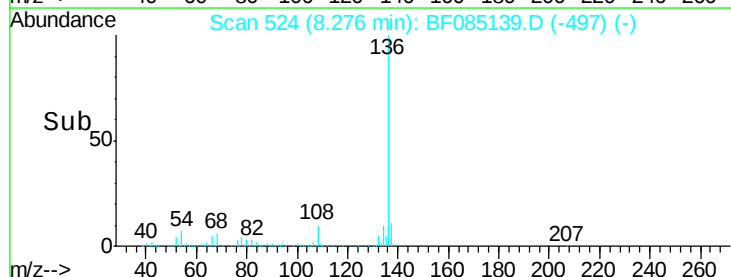
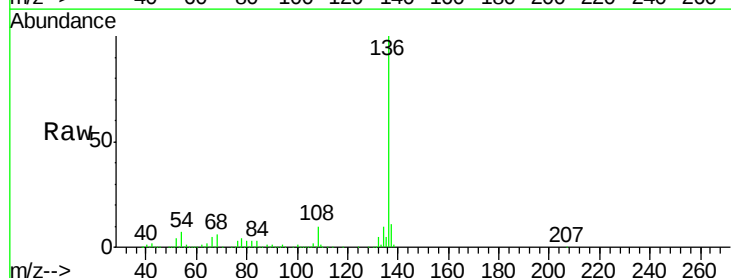
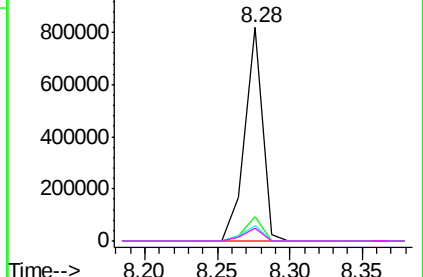
68 5.8 6.4 9.6#

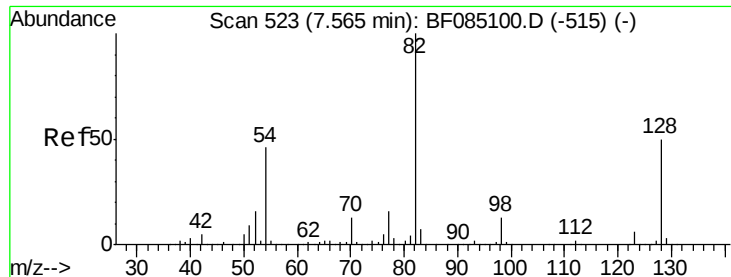
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





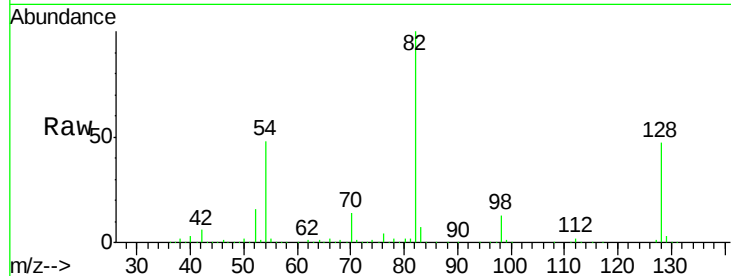
#23
Nitrobenzene-d5
Concen: 99.30 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

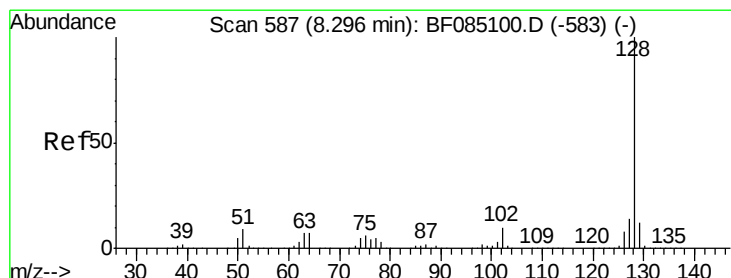
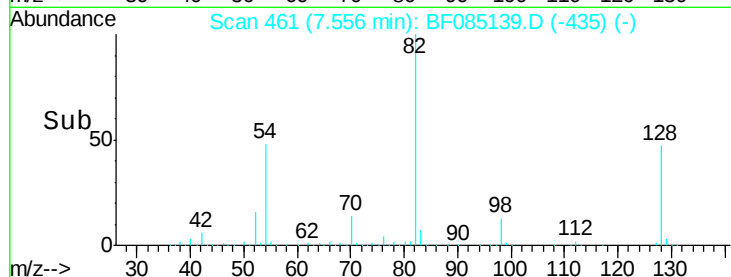
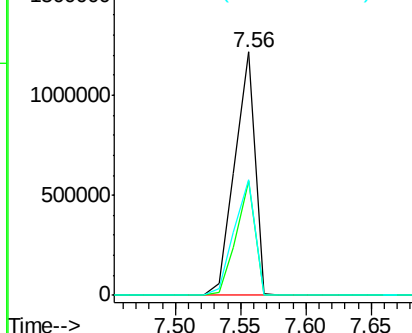
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.8	59.6
54	47.7	36.6	54.8

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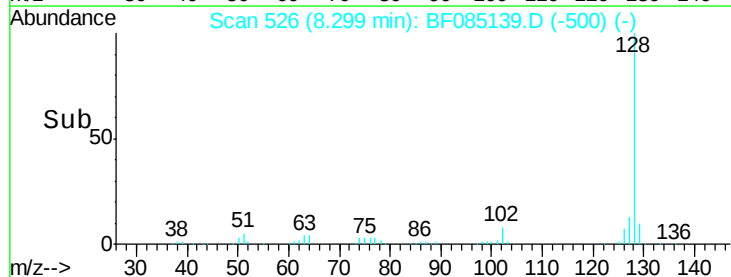
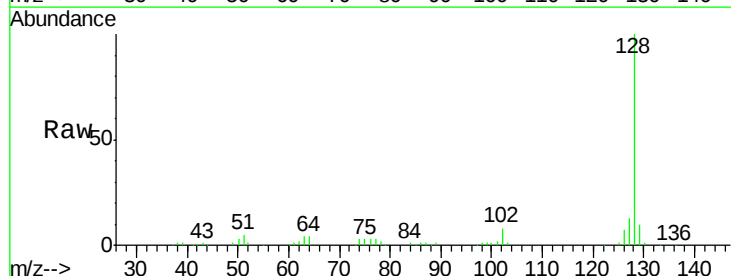
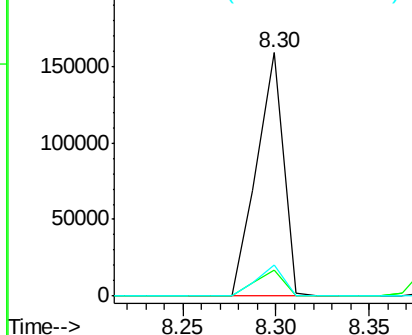
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

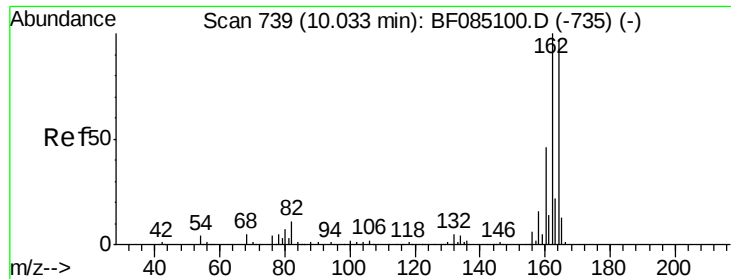


#31
Naphthalene
Concen: 4.49 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.7	14.5
127	13.0	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





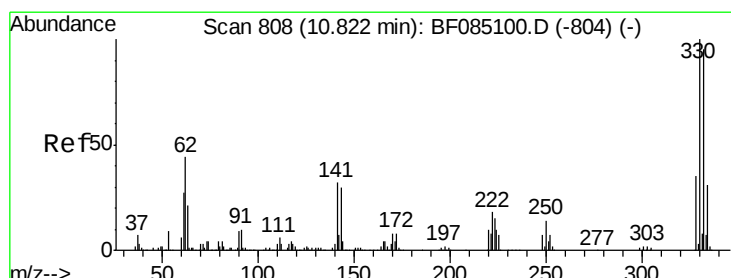
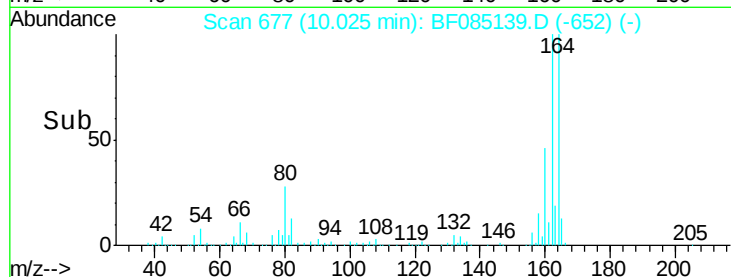
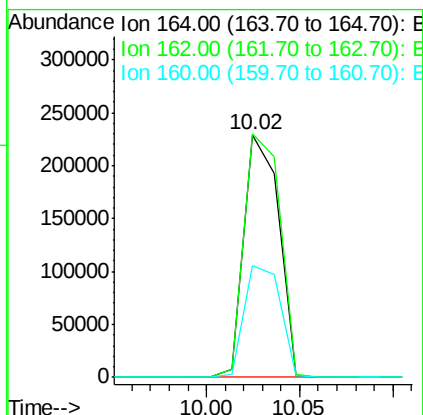
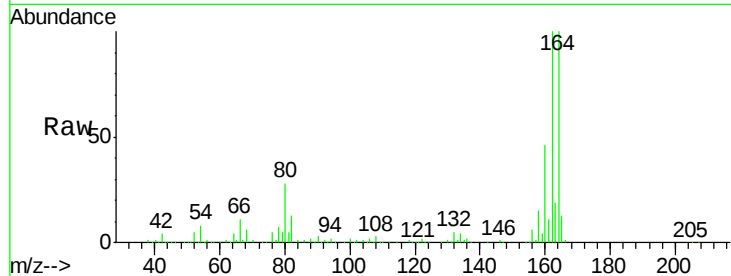
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295464		
162	100.3	82.6	123.8	
160	46.3	38.2	57.2	

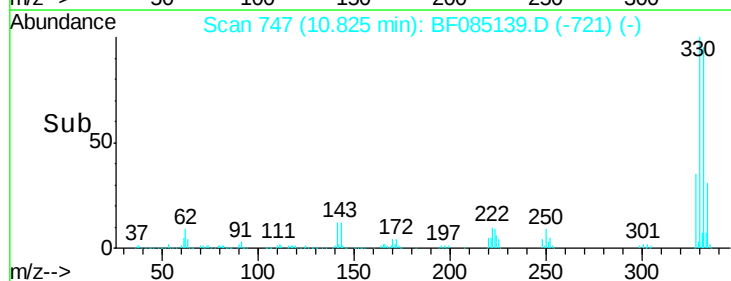
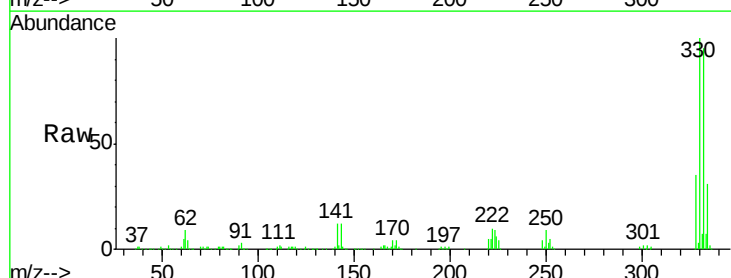
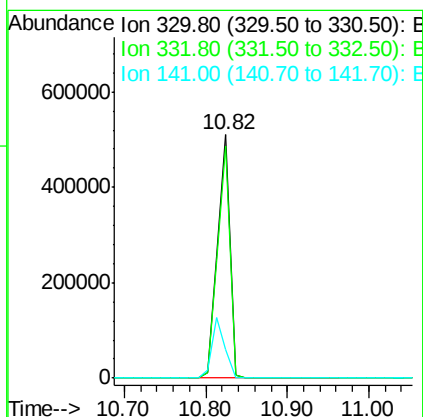
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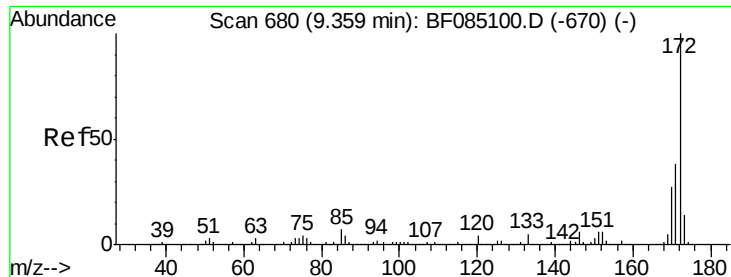
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#41
2,4,6-Tribromophenol
Concen: 182.40 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

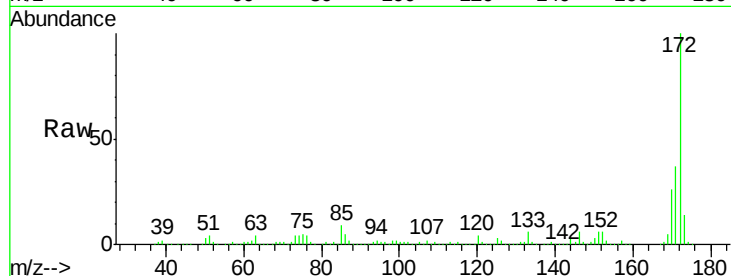
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	541602		
332	95.5	75.9	113.9	
141	26.1	28.9	43.3	





#44
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

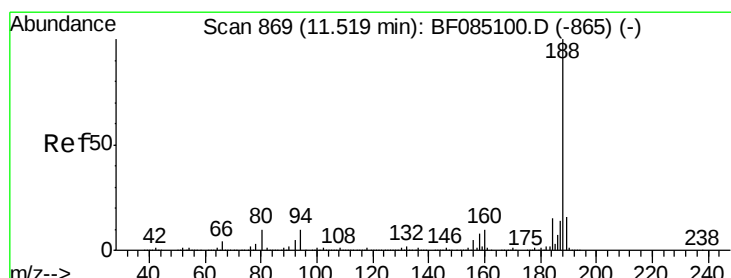
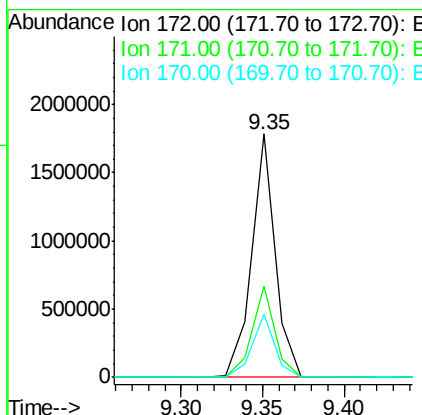
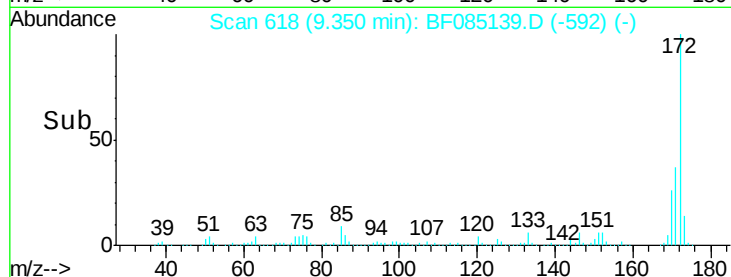
Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 1783808
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 25.7 21.2 31.8

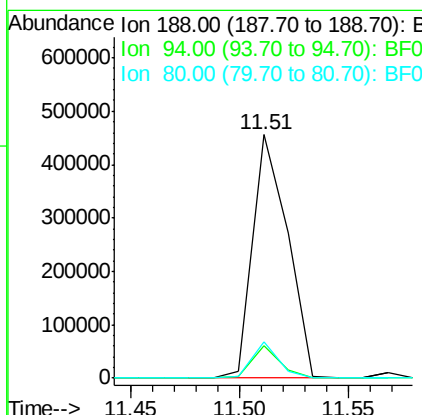
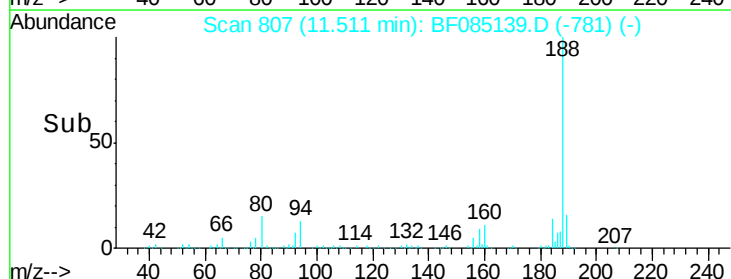
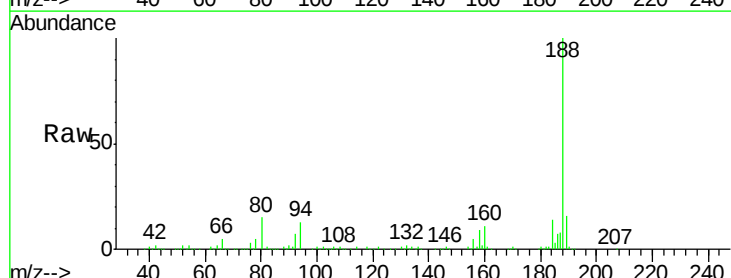
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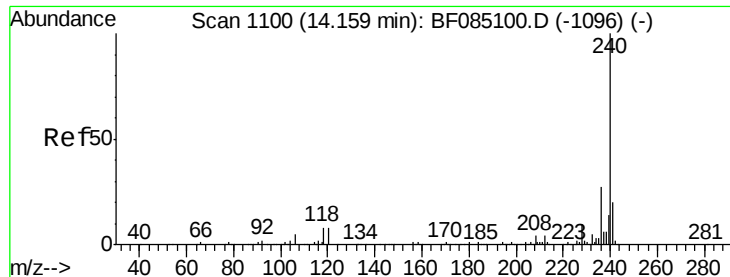
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion:188 Resp: 508684
Ion Ratio Lower Upper
188 100
94 13.4 7.8 11.6#
80 14.7 8.2 12.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Instrument :

BNA_F

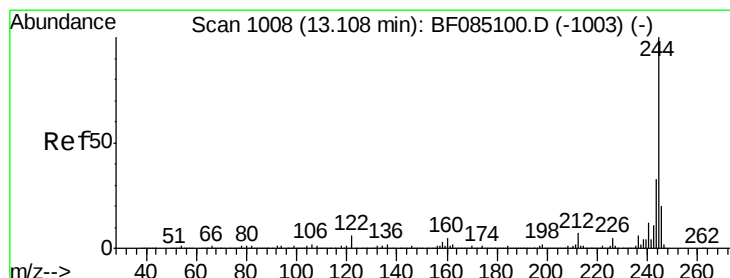
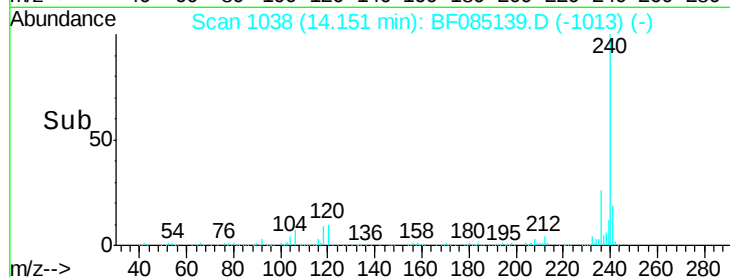
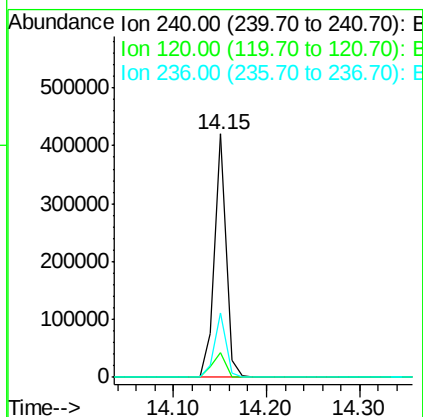
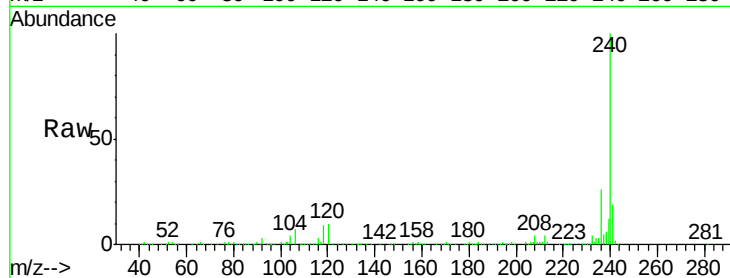
ClientSampleId :

HSR-WC-31-022516

Tgt Ion:	240	Resp:	366726
Ion Ratio	Lower	Upper	
240	100		
120	10.0	6.7	10.1
236	26.4	21.6	32.4

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#78

Terphenyl-d14

Concen: 99.73 ng

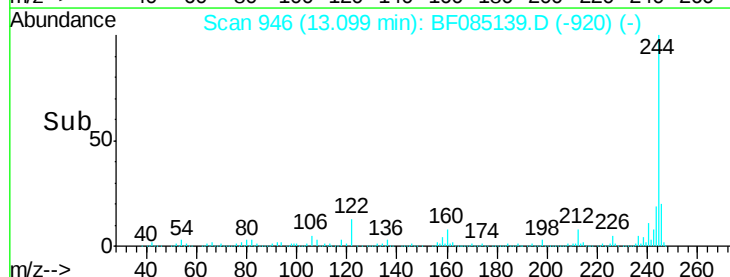
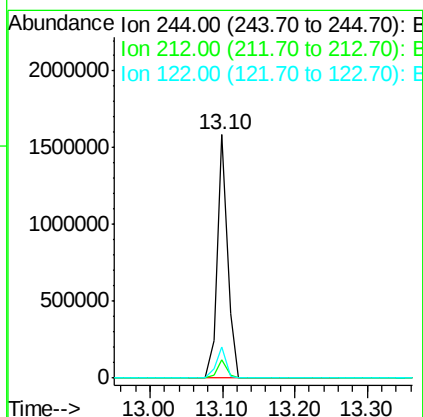
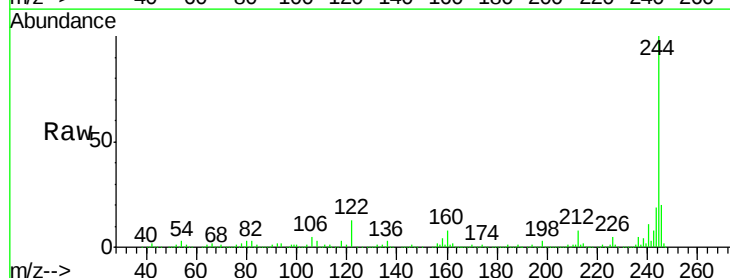
RT: 13.10 min Scan# 946

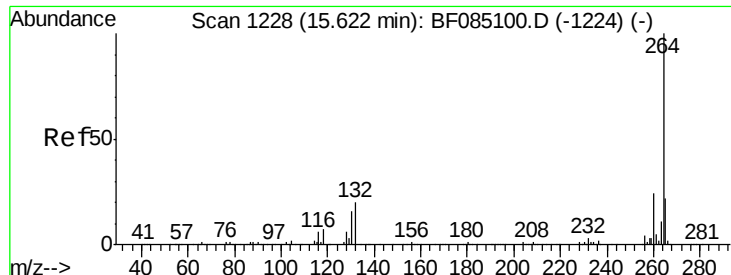
Delta R.T. -0.01 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Tgt Ion:	244	Resp:	1559129
Ion Ratio	Lower	Upper	
244	100		
212	7.7	5.4	8.0
122	13.0	5.1	7.7#





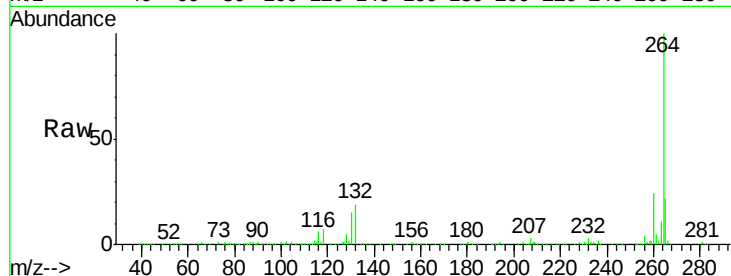
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.5	19.6	29.4		
265	21.6	17.4	26.2		

Manual Integrations
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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

