

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085302.D
 Acq On : 9 Mar 2016 16:44
 Operator : UM/SJ
 Sample : H1623-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Manual Integrations
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Quant Time: Mar 10 00:18:44 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	6.95	152	156397	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	611629	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	300102	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	681134	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	439322	20.00	ng	-0.05
86) Perylene-d12	15.57	264	268160	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1359282	145.79	ng	-0.01
7) Phenol-d6	6.58	99	1528288	125.11	ng	-0.02
23) Nitrobenzene-d5	7.51	82	989772	86.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	470690	183.30	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1949994	98.82	ng	-0.05
78) Terphenyl-d14	13.07	244	1955912	103.35	ng	-0.02
Target Compounds						
31) Naphthalene	8.25	128	866376	28.81	ng	99
37) 2-Methylnaphthalene	8.94	142	76924	3.99	ng	98
51) Acenaphthene	10.01	154	37449	2.03	ng	95

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

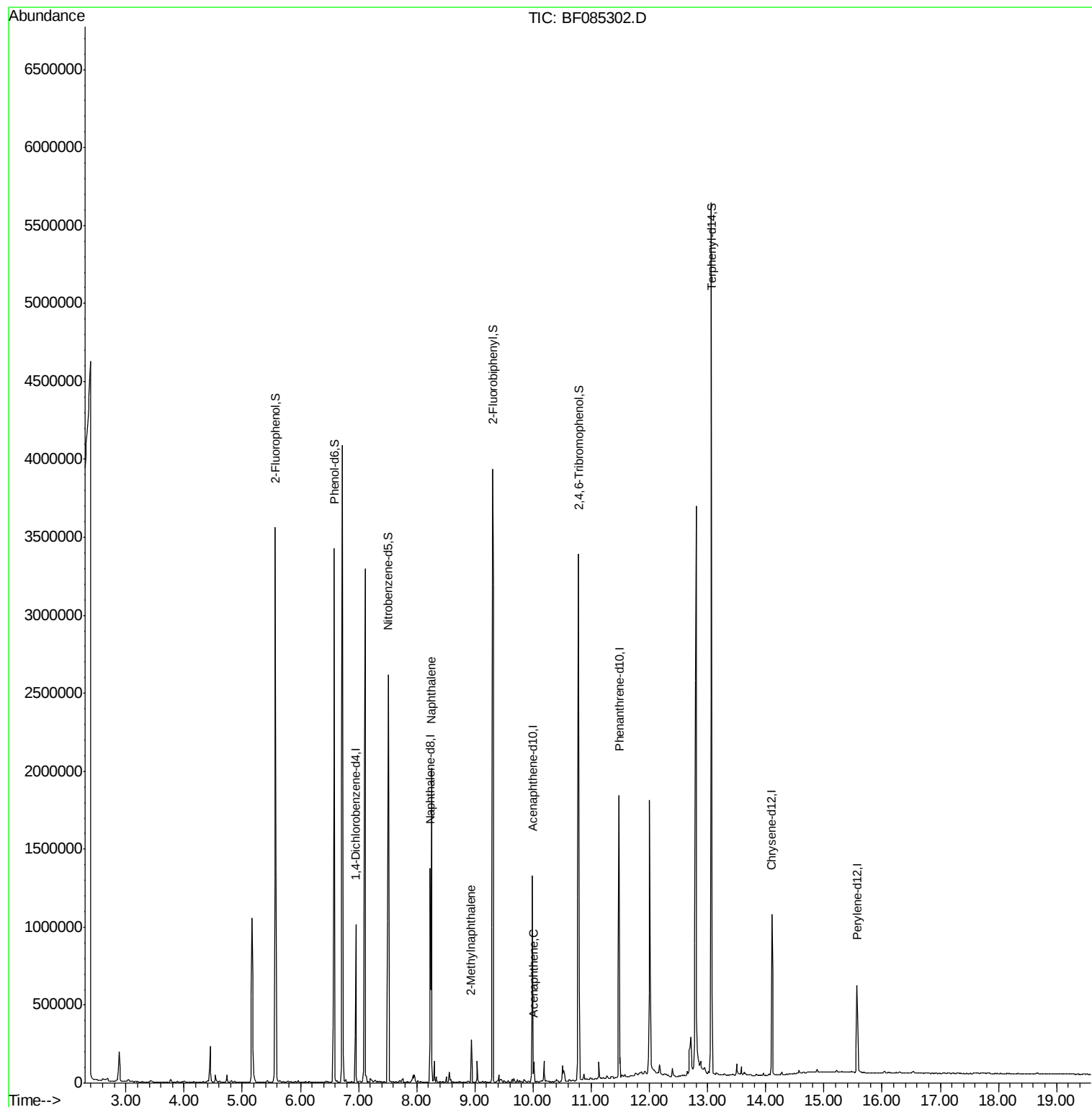
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085302.D
Acq On : 9 Mar 2016 16:44
Operator : UM/SJ
Sample : H1623-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

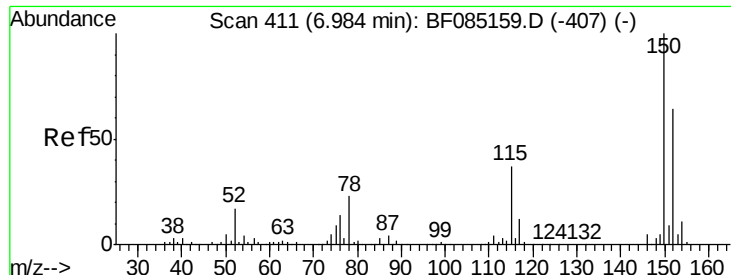
Instrument :
BNA_F
ClientSampleID :
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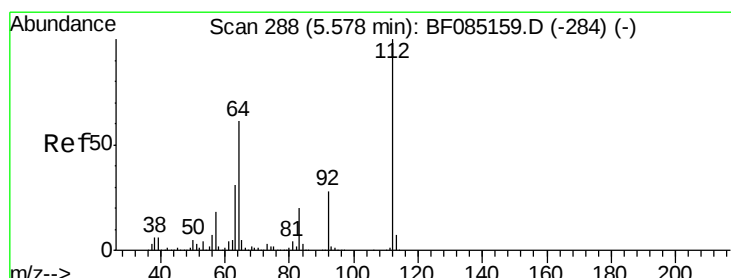
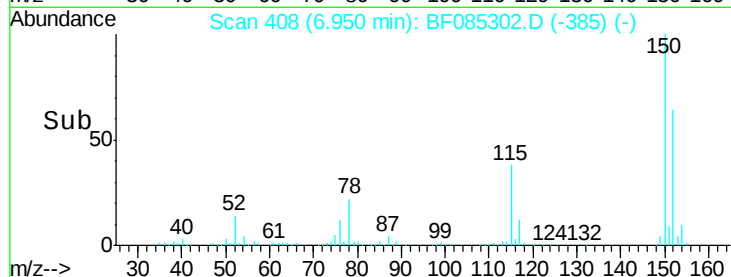
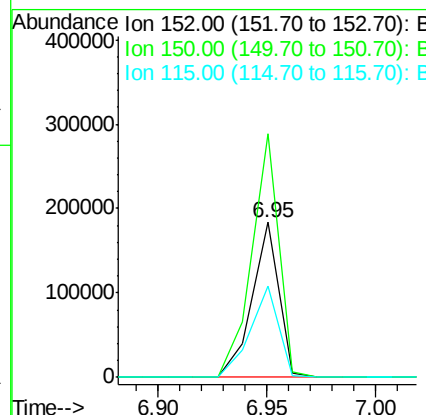
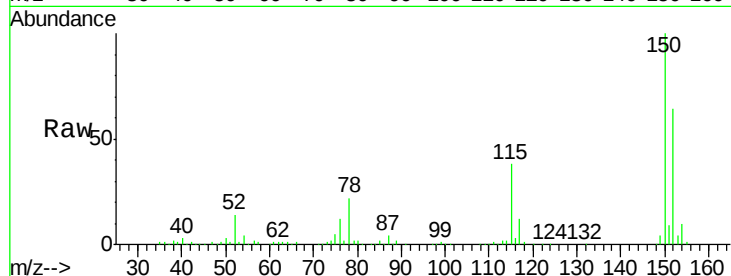
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.03 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156397		
150	157.3	124.6	186.8	
115	59.1	46.6	70.0	

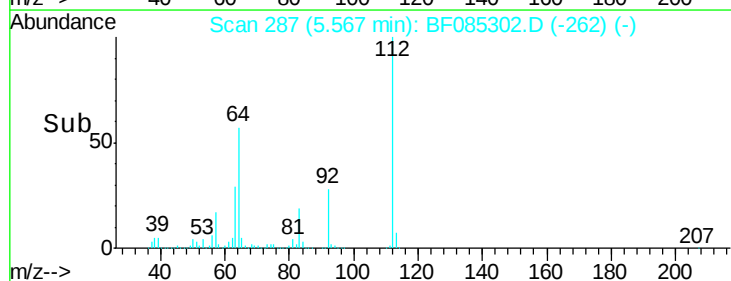
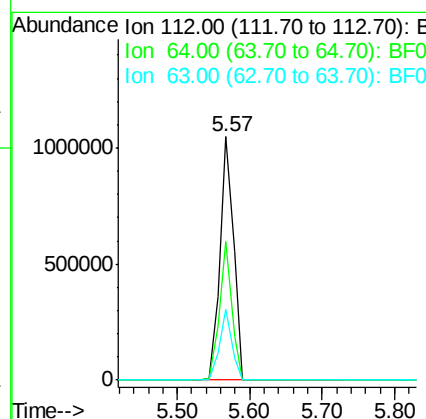
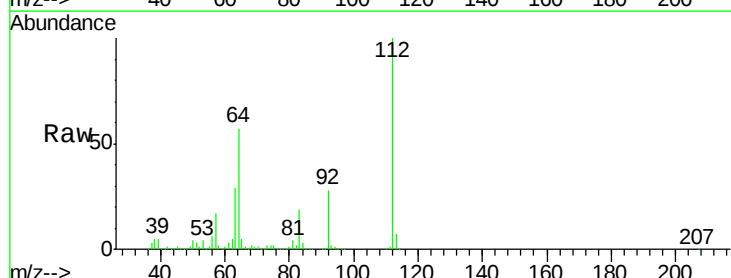
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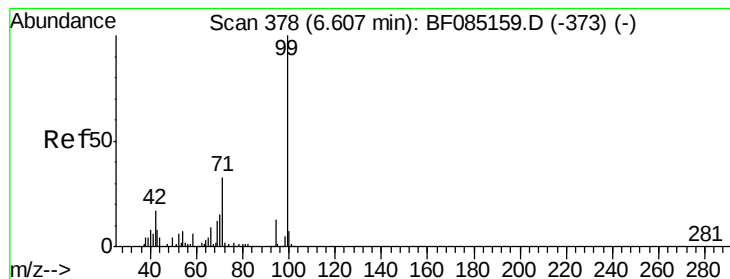
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#5
 2-Fluorophenol
 Concen: 145.79 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1359282		
64	57.2	49.0	73.4	
63	29.1	24.8	37.2	





#7

Phenol-d6

Concen: 125.11 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085302.D

Acq: 9 Mar 2016 16:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

Tgt Ion: 99 Resp: 1528288

Ion Ratio Lower Upper

99 100

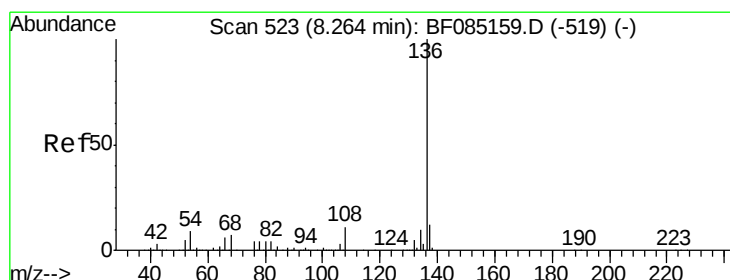
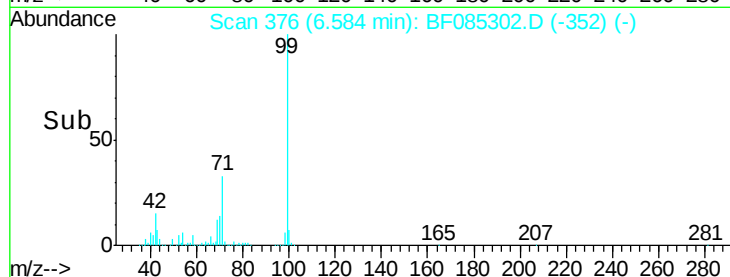
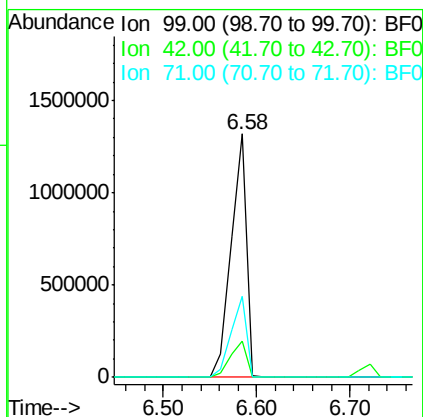
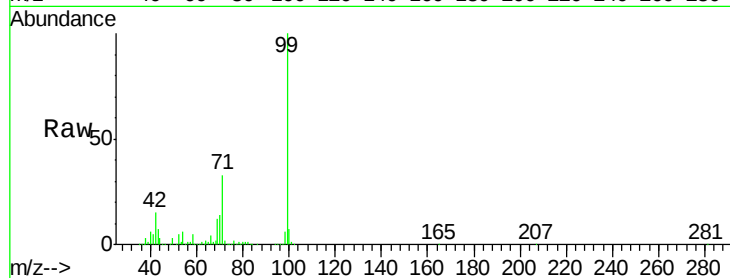
42 14.9 13.6 20.4

71 33.4 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085302.D

Acq: 9 Mar 2016 16:44

Tgt Ion: 136 Resp: 611629

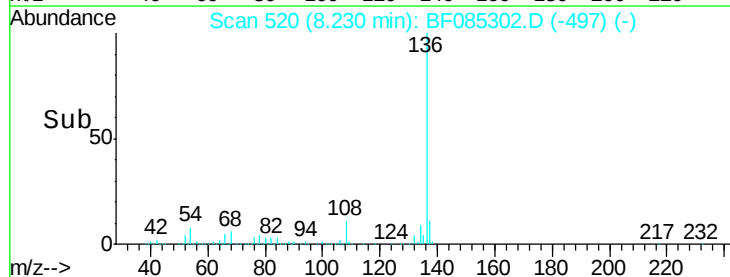
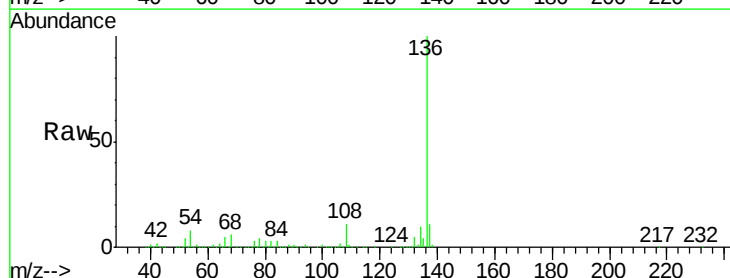
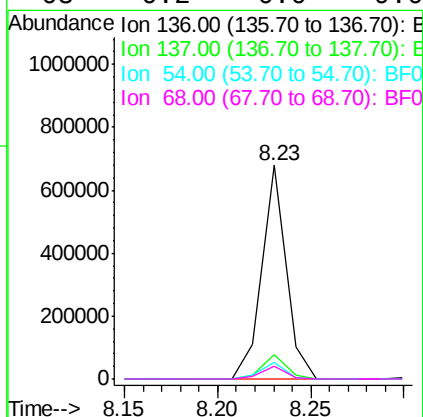
Ion Ratio Lower Upper

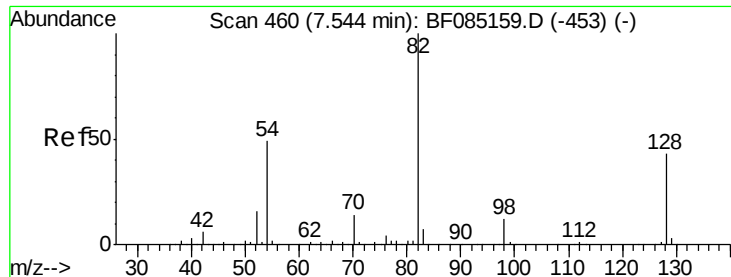
136 100

137 11.4 9.3 13.9

54 7.6 7.4 11.2

68 6.2 6.0 9.0





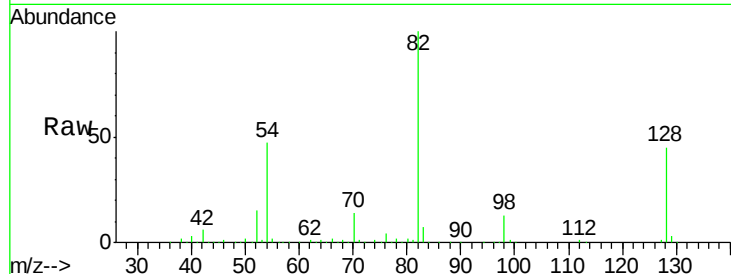
#23
 Nitrobenzene-d5
 Concen: 86.60 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

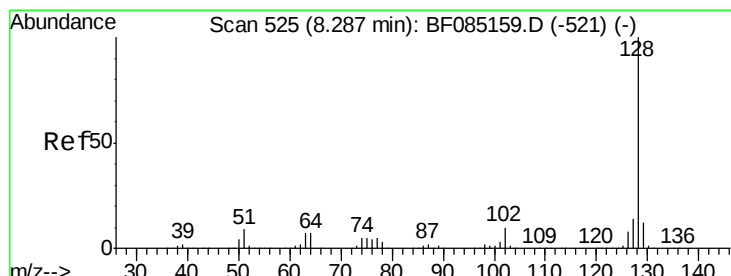
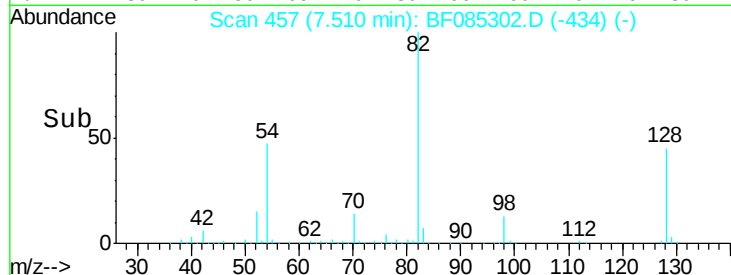
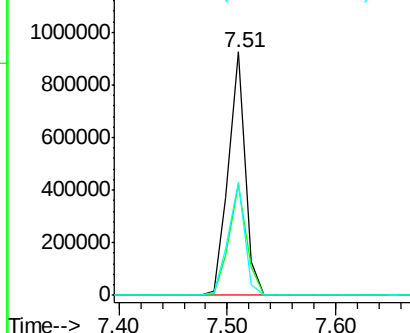
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	989772		
128	45.4	34.5	51.7	
54	46.5	39.3	58.9	

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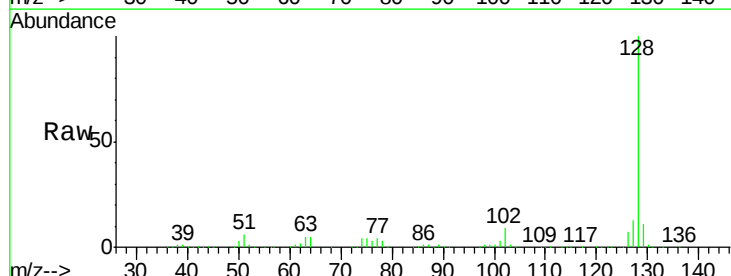


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

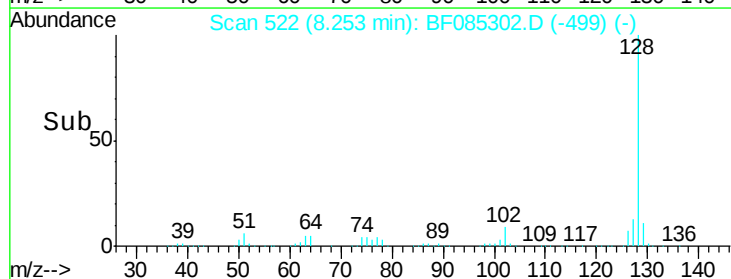
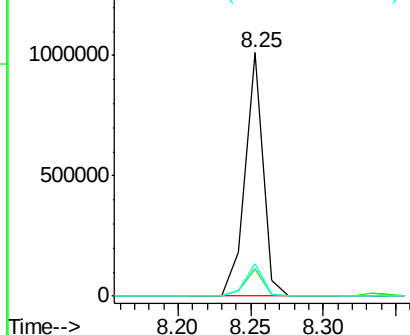


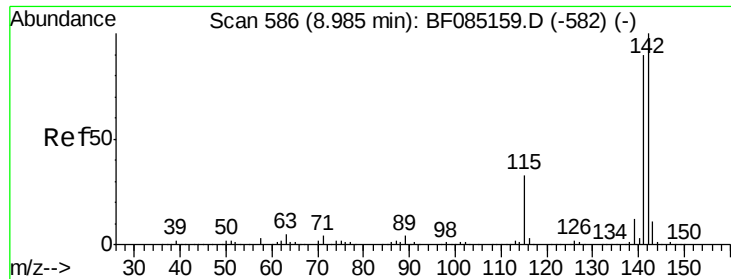
#31
 Naphthalene
 Concen: 28.81 ng
 RT: 8.25 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	866376		
129	11.5	9.7	14.5	
127	13.5	11.2	16.8	



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





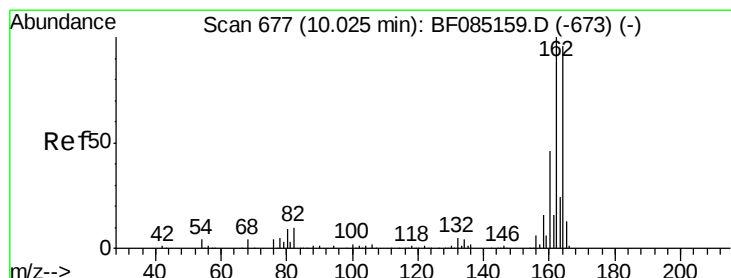
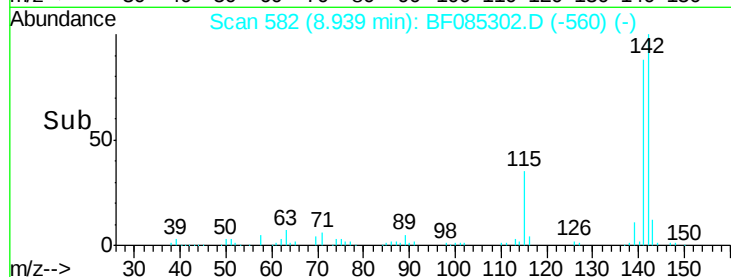
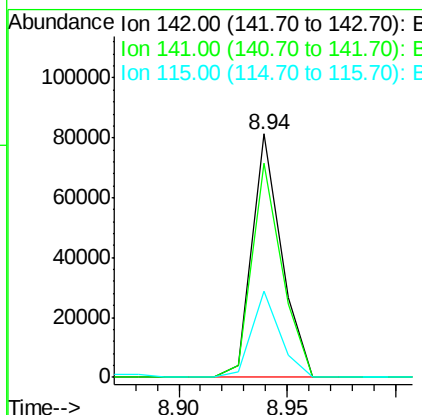
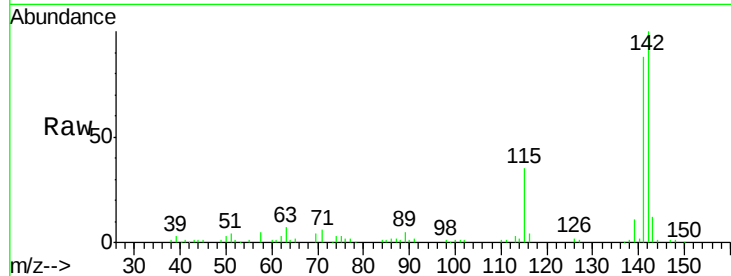
#37
2-Methylnaphthalene
Concen: 3.99 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085302.D
Acq: 9 Mar 2016 16:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.7	107.5
115	35.2	26.2	39.4

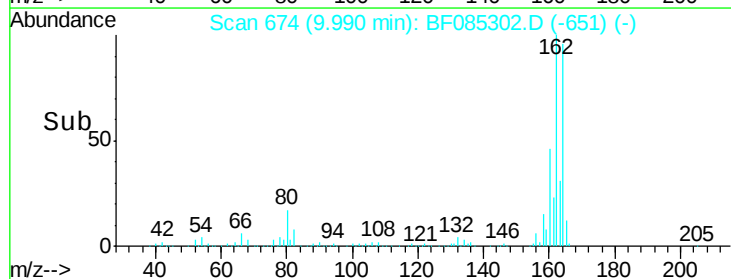
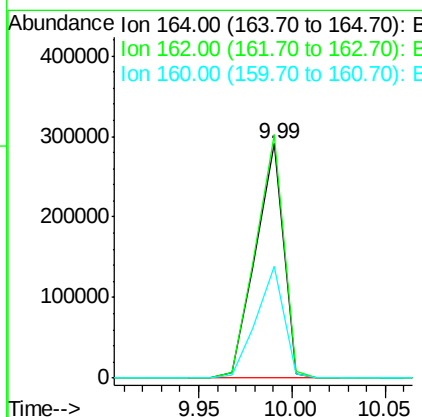
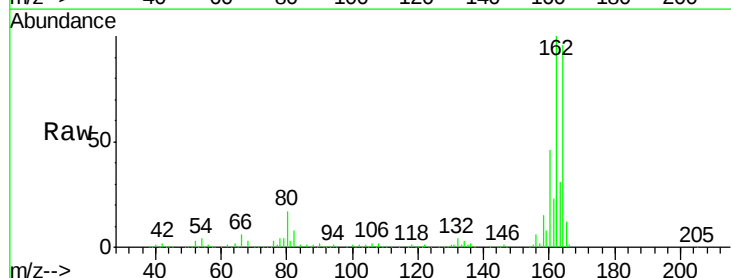
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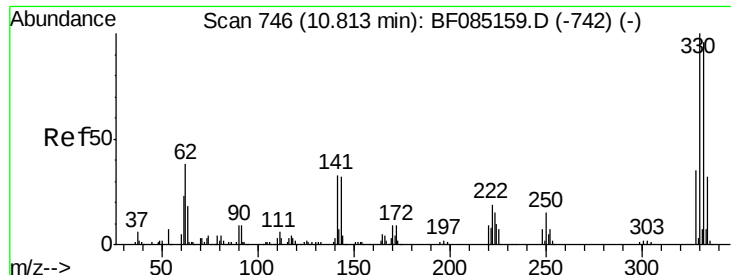
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085302.D
Acq: 9 Mar 2016 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	47.6	37.9	56.9





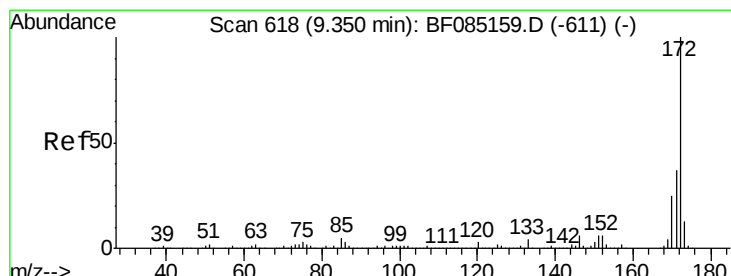
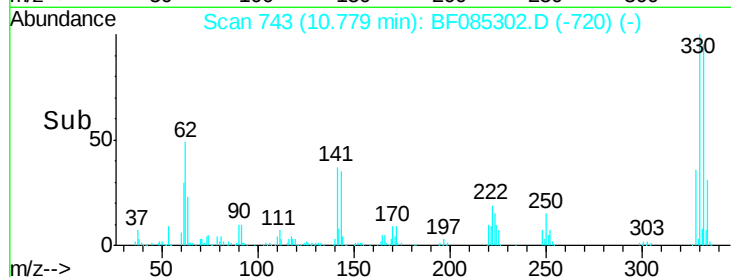
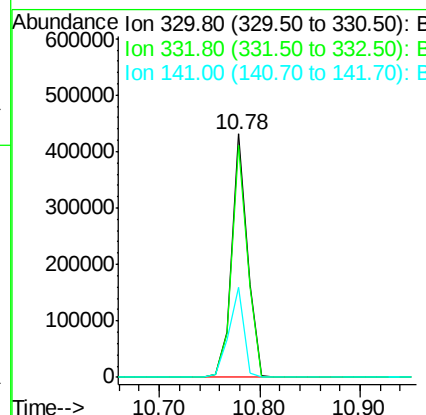
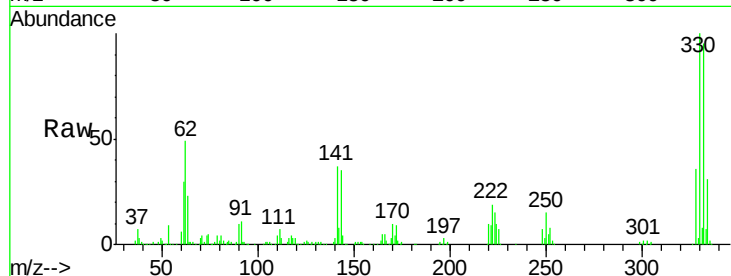
#41
 2,4,6-Tribromophenol
 Concen: 183.30 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	470690		
332	95.8	77.1	115.7	
141	35.1	35.0	52.6	

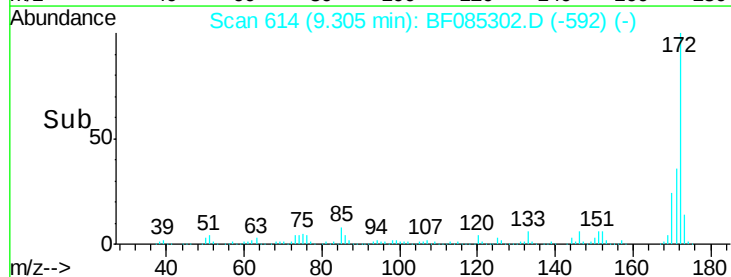
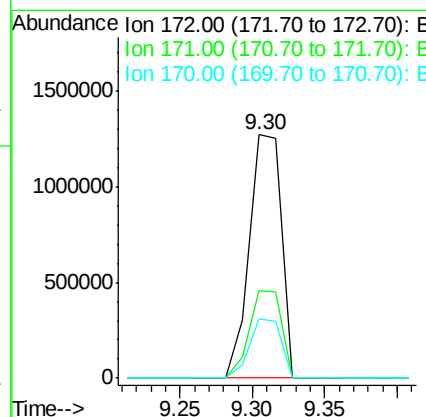
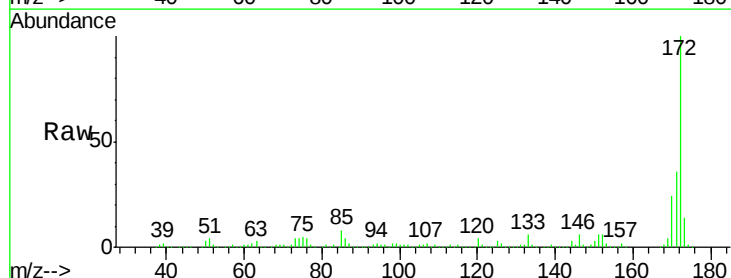
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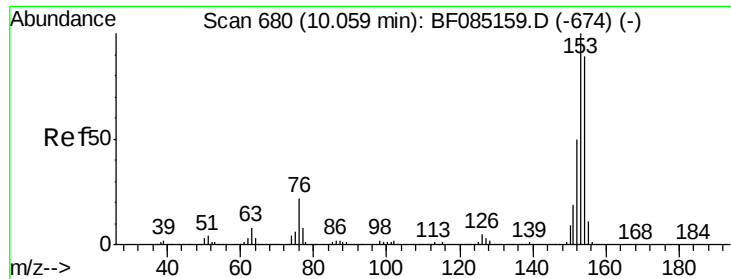
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#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085302.D
 Acq: 9 Mar 2016 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1949994		
171	36.1	29.3	43.9	
170	24.1	20.0	30.0	





#51

Acenaphthene

Concen: 2.03 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085302.D

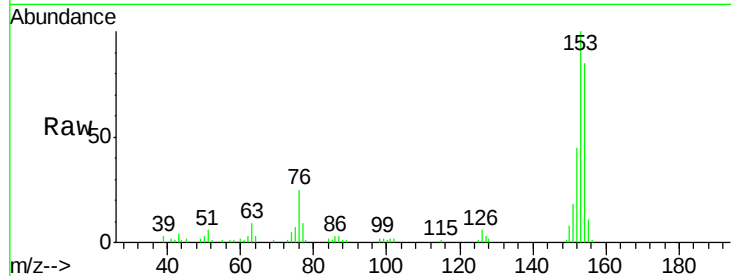
Acq: 9 Mar 2016 16:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516



Tgt Ion:154 Resp: 37449

Ion Ratio Lower Upper

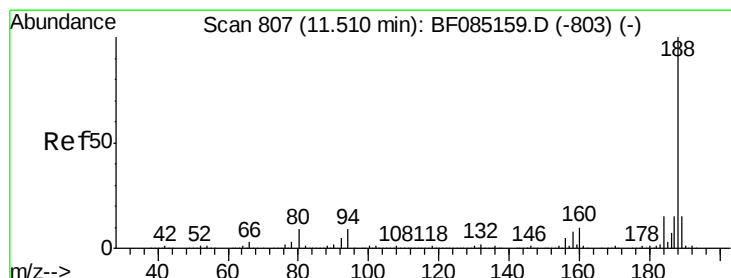
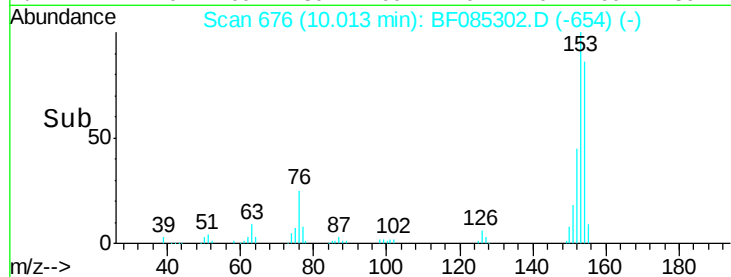
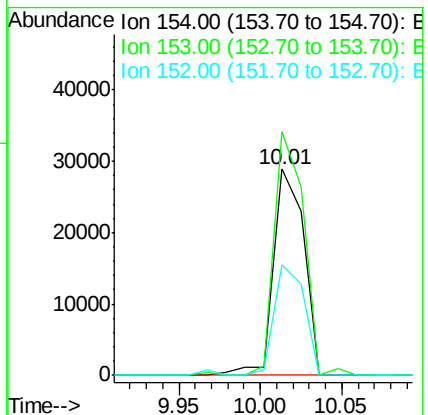
154 100

153 118.3 89.8 134.8

152 53.6 44.6 66.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF085302.D

Acq: 9 Mar 2016 16:44

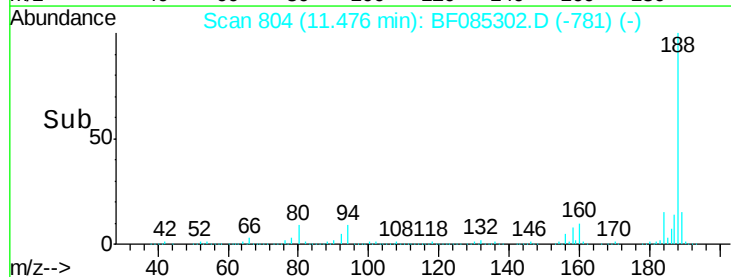
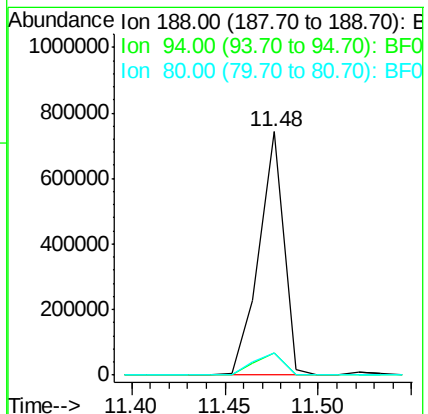
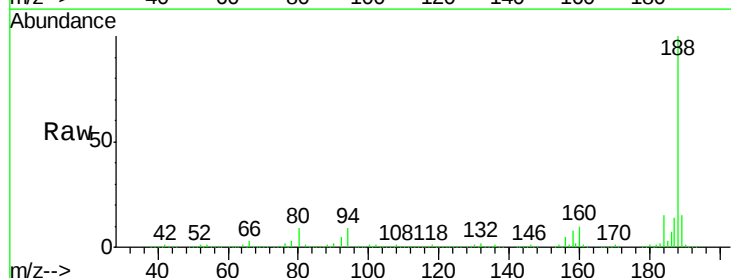
Tgt Ion:188 Resp: 681134

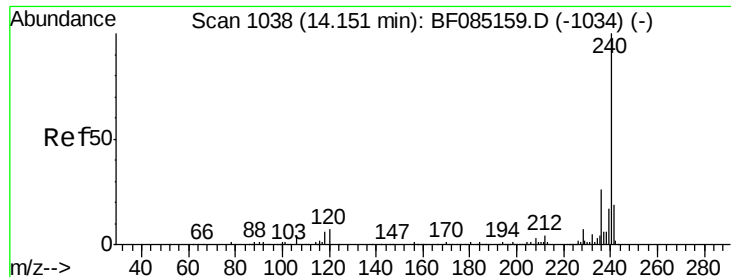
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.2 7.4 11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085302.D

Acq: 9 Mar 2016 16:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516

Tgt Ion:240 Resp: 439322

Ion Ratio Lower Upper

240 100

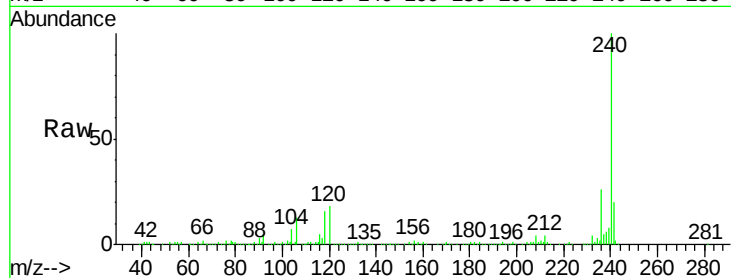
120 17.8 5.3 7.9#

236 26.2 20.7 31.1

Manual Integrations
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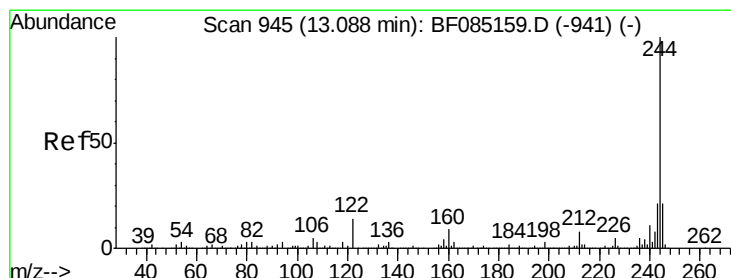
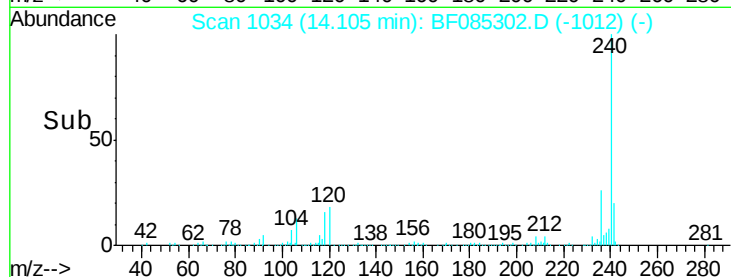
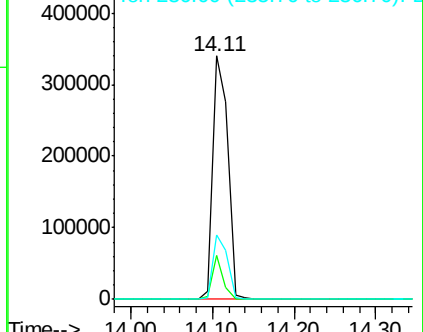
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 103.35 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085302.D

Acq: 9 Mar 2016 16:44

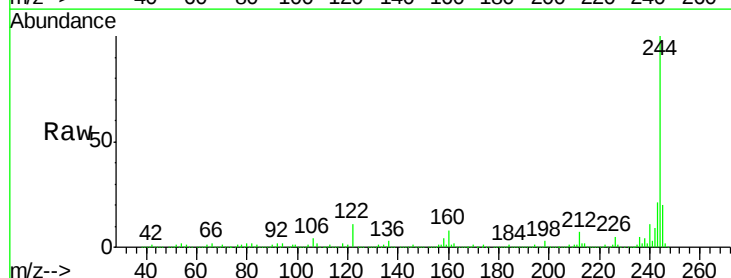
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Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

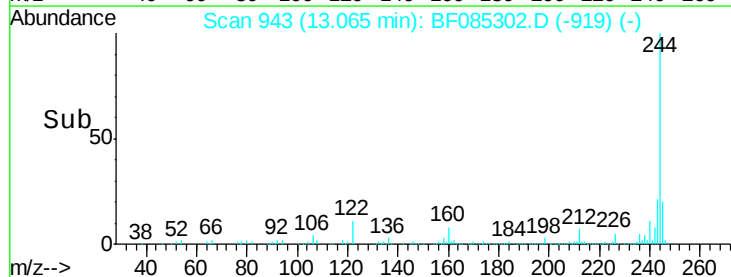
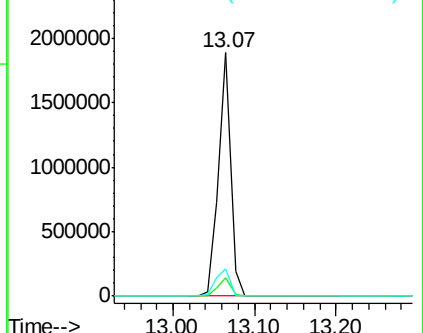
122 11.1 11.4 17.2#

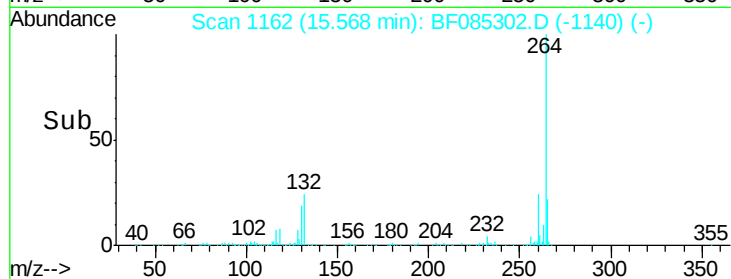
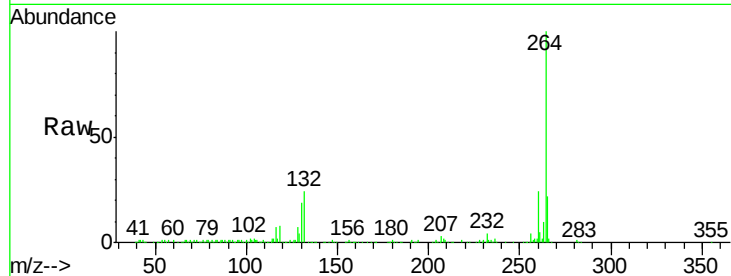
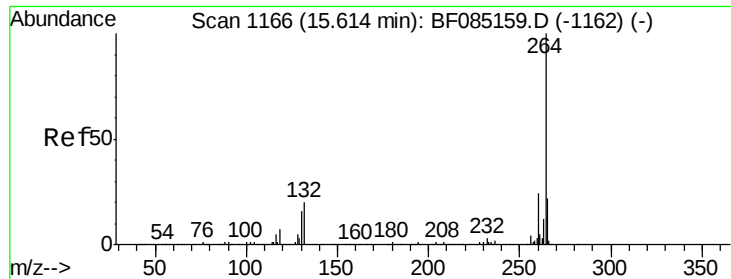


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085302.D
Acq: 9 Mar 2016 16:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.3	25.9

Manual Integrations
APPROVED

UMANGI
3/10/2016 11:17:08 AM

