

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085133.D
 Acq On : 2 Mar 2016 21:43
 Operator : SJ/IZ
 Sample : H1617-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-C

Manual Integrations
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 3/3/2016 1:42:56 PM

Quant Time: Mar 03 05:41:27 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	163617	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	677720	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	298414	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	510204	20.00	ng	0.00
75) Chrysene-d12	14.15	240	373059	20.00	ng	0.00
86) Perylene-d12	15.63	264	381775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1330138	131.98	ng	0.03
7) Phenol-d6	6.62	99	1590242	120.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	1250632	98.18	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	548311	182.84	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1778951	87.80	ng	0.00
78) Terphenyl-d14	13.10	244	1532839	96.39	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	375648	10.96	ng	Qvalue 97

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

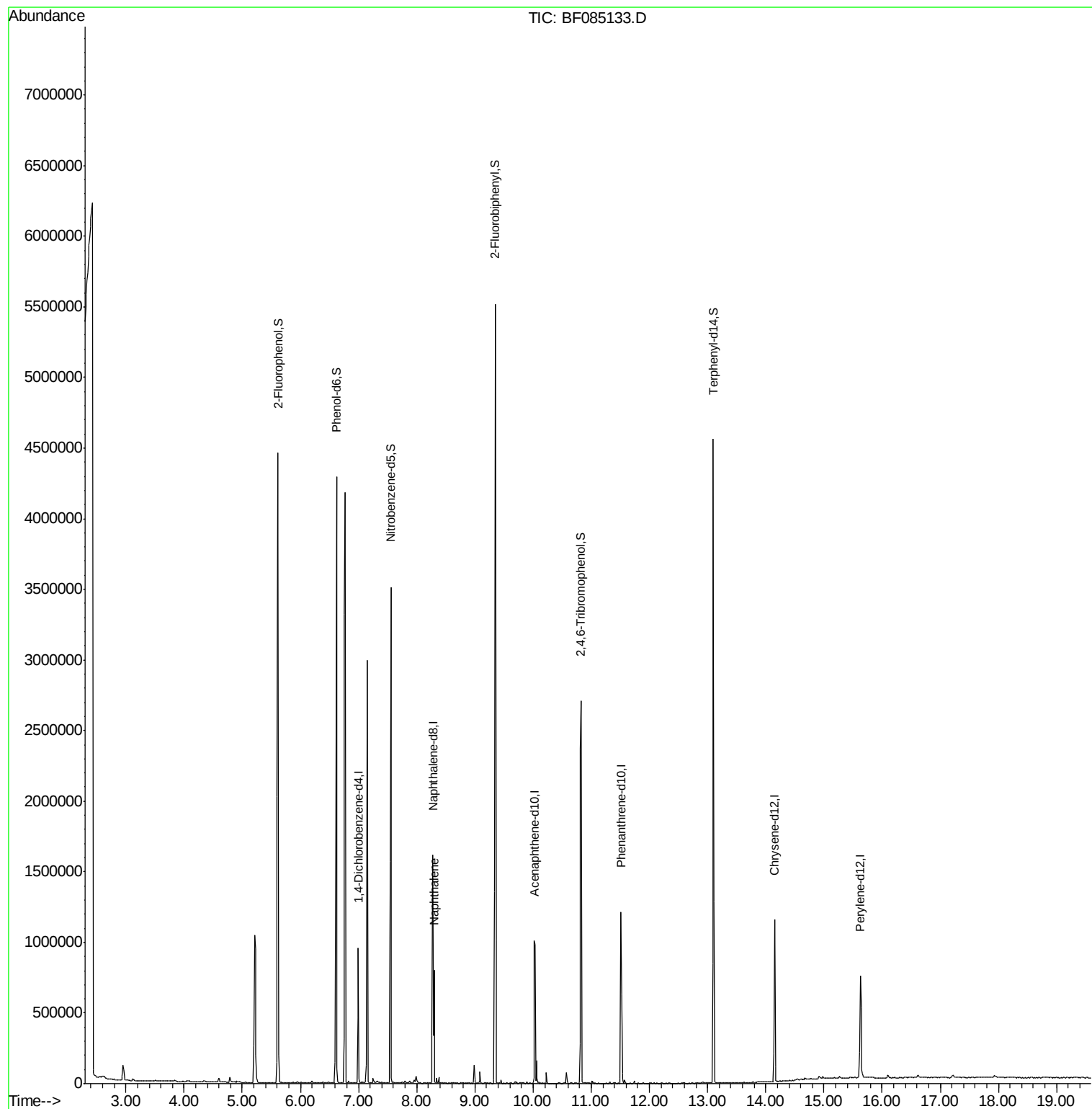
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085133.D
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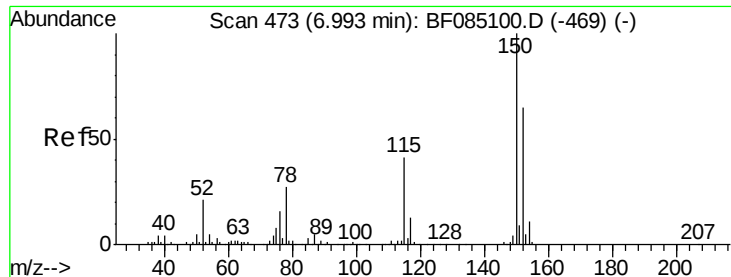
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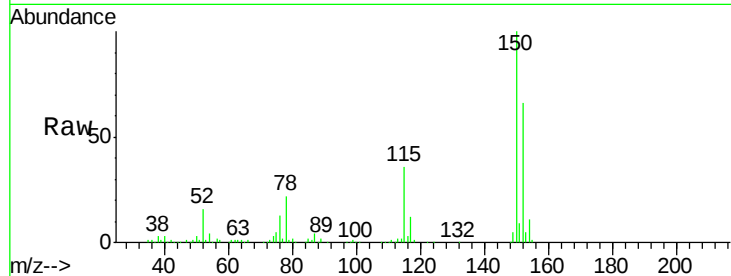




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085133.D
Acq: 2 Mar 2016 21:43

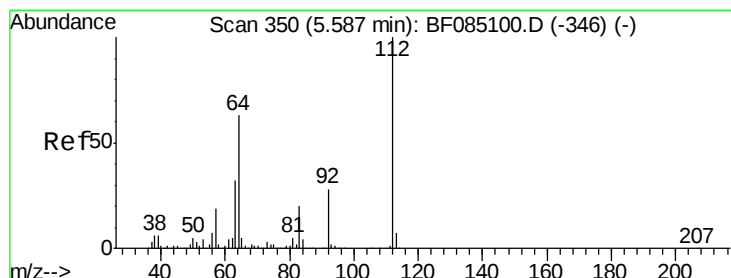
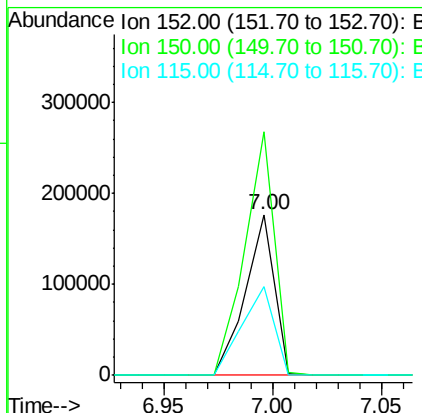
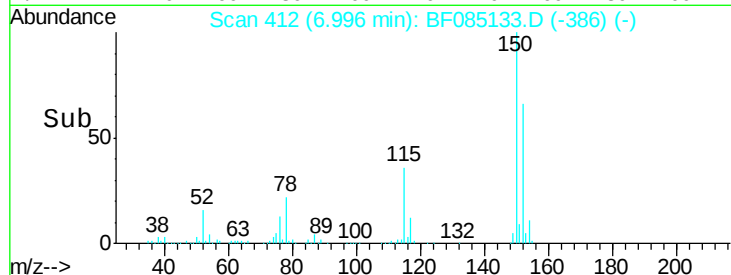
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163617		
150	151.5	123.4	185.0	
115	55.2	50.0	75.0	

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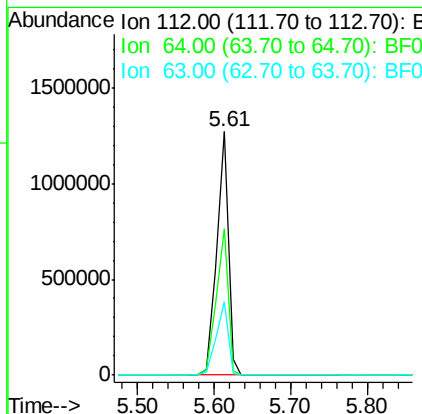
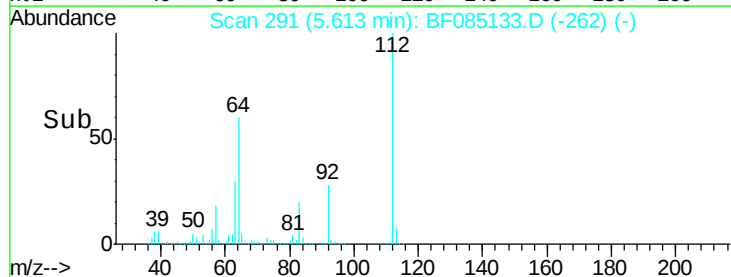
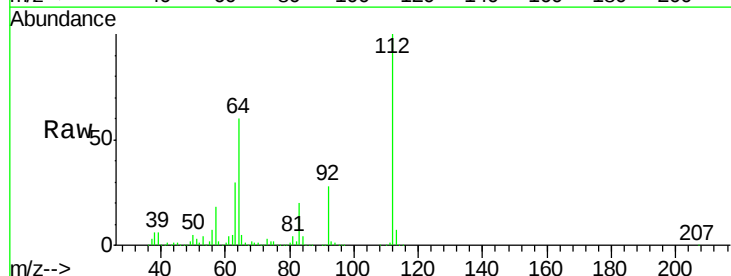
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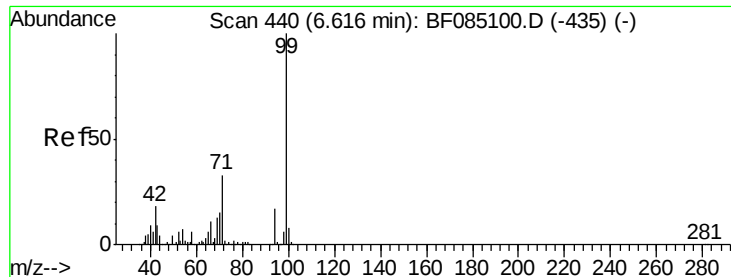


#5

2-Fluorophenol
Concen: 131.98 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085133.D
Acq: 2 Mar 2016 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1330138		
64	60.2	50.6	76.0	
63	30.4	25.5	38.3	





#7

Phenol-d6

Concen: 120.36 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085133.D

Acq: 2 Mar 2016 21:43

Instrument :

BNA_F

ClientSampleId :

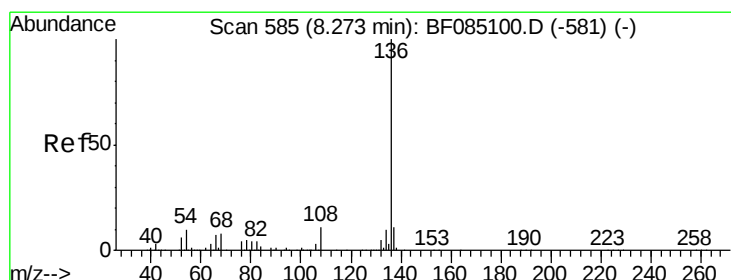
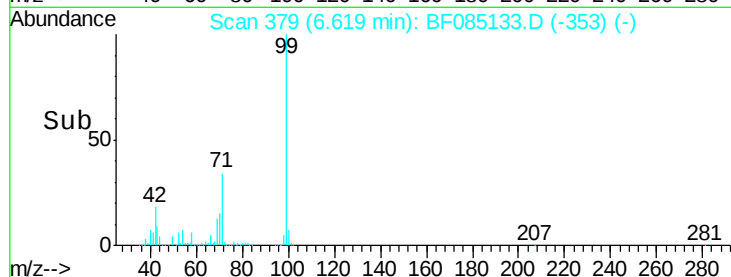
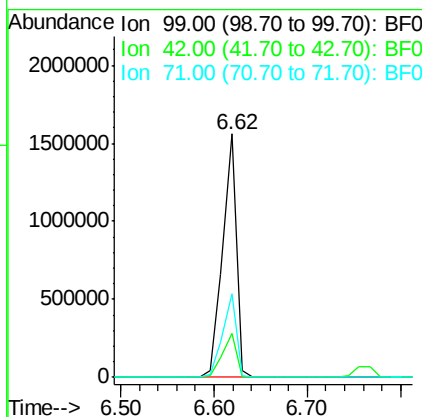
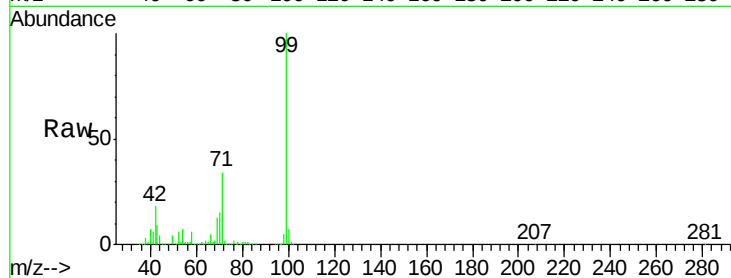
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Tgt Ion:	99	Resp:	1590242
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	34.2	26.8	40.2



#21

Naphthalene-d8

Concen: 20.00 ng

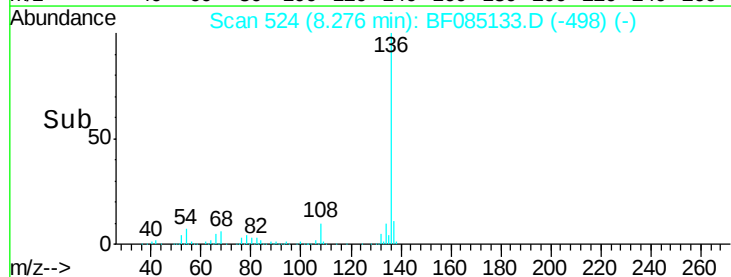
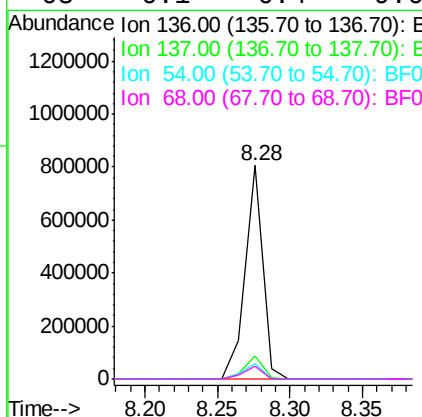
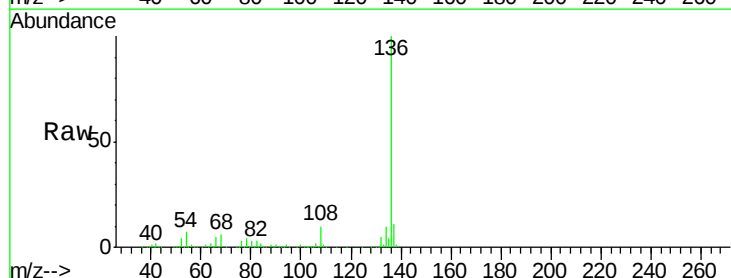
RT: 8.28 min Scan# 524

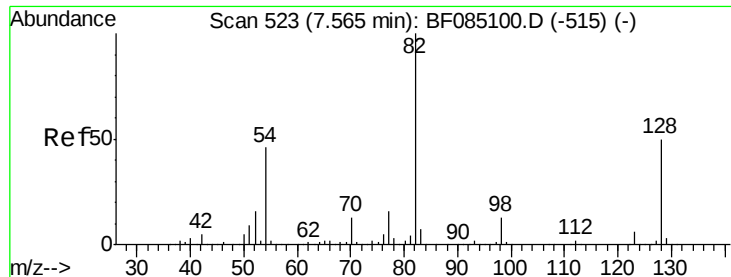
Delta R.T. 0.00 min

Lab File: BF085133.D

Acq: 2 Mar 2016 21:43

Tgt Ion:	136	Resp:	677720
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	8.5	12.7#
68	6.1	6.4	9.6#





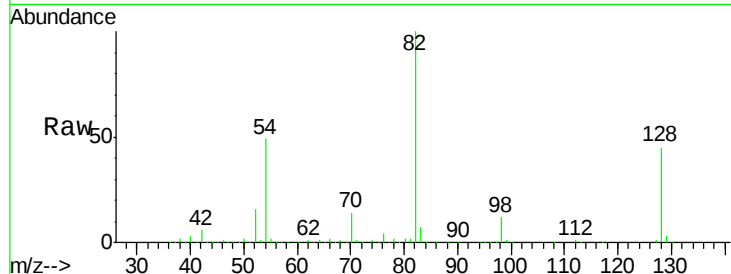
#23
 Nitrobenzene-d5
 Concen: 98.18 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085133.D
 Acq: 2 Mar 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-C

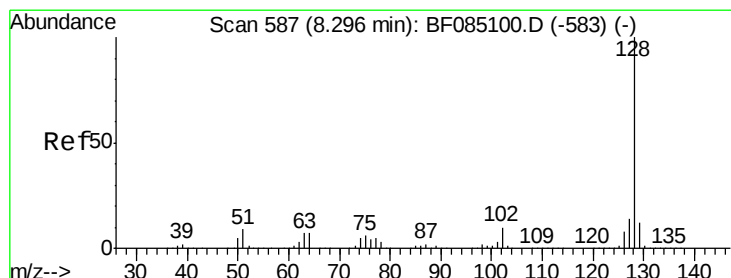
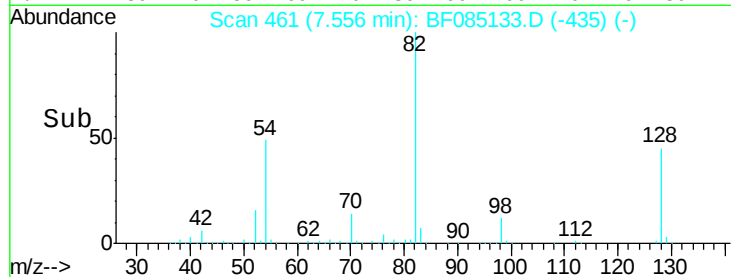
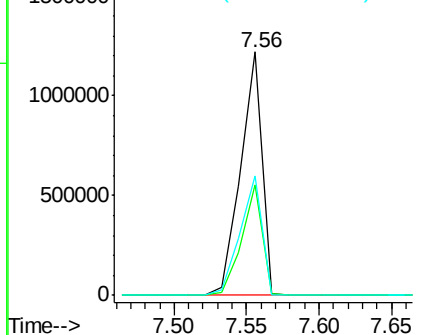
Tgt Ion: 82 Resp: 1250632
 Ion Ratio Lower Upper
 82 100
 128 45.3 39.8 59.6
 54 49.0 36.6 54.8

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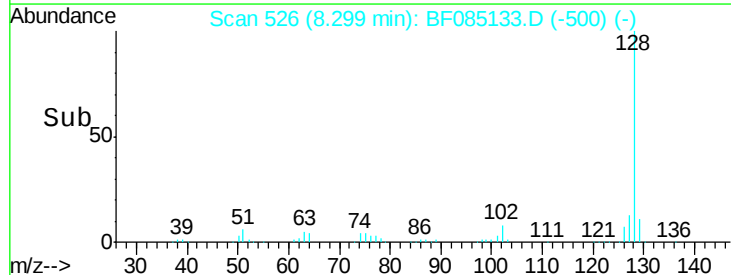
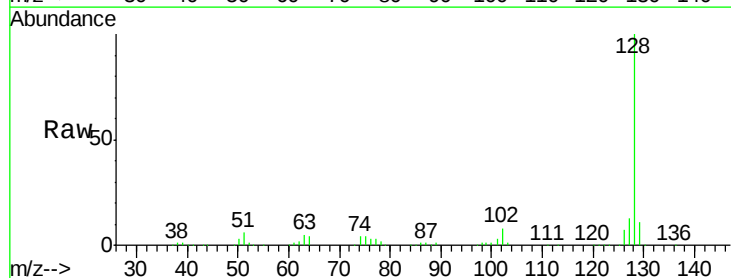
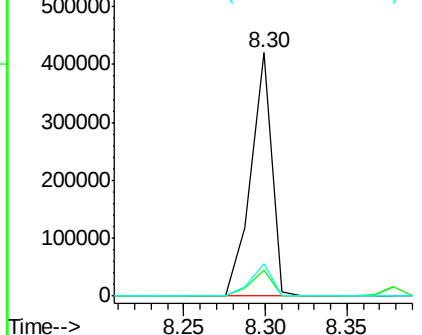
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

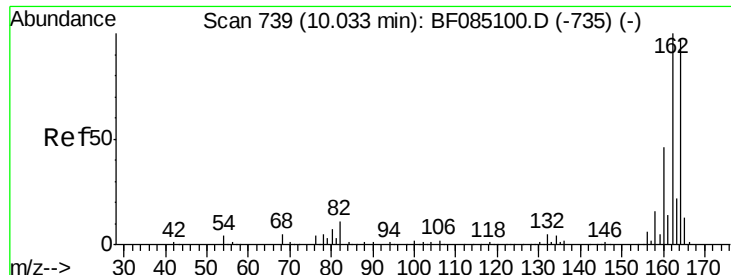


#31
 Naphthalene
 Concen: 10.96 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085133.D
 Acq: 2 Mar 2016 21:43

Tgt Ion: 128 Resp: 375648
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.7 14.5
 127 13.1 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: BF085133.D

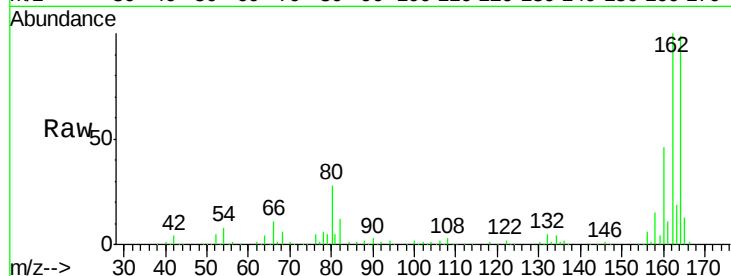
Acq: 2 Mar 2016 21:43

Instrument :

BNA_F

ClientSampleId :

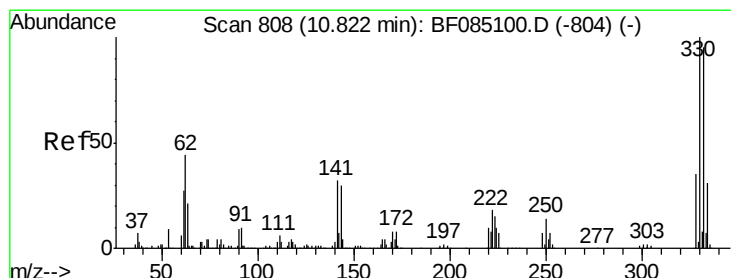
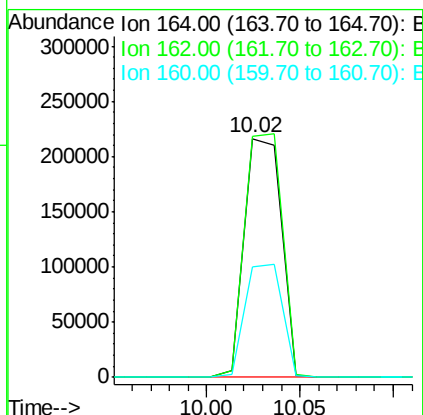
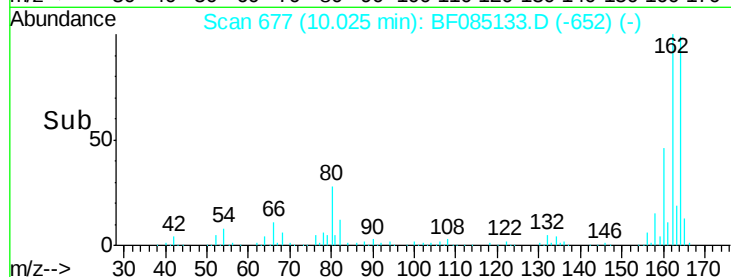
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	298414		
162	100.8	82.6	123.8	
160	46.1	38.2	57.2	

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#41

2,4,6-Tribromophenol

Concen: 182.84 ng

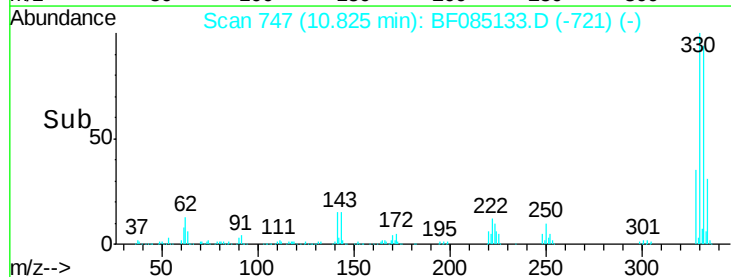
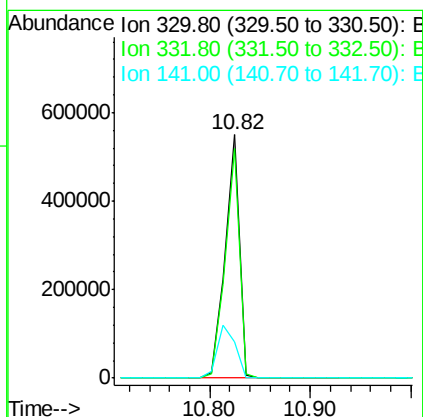
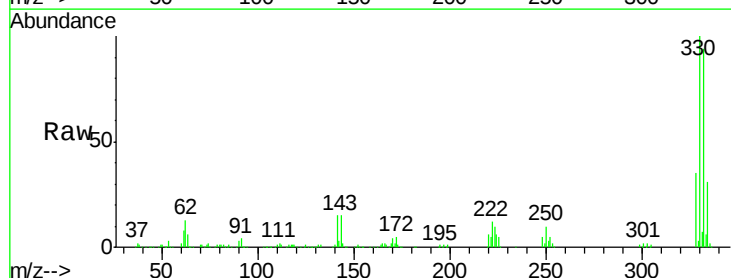
RT: 10.82 min Scan# 747

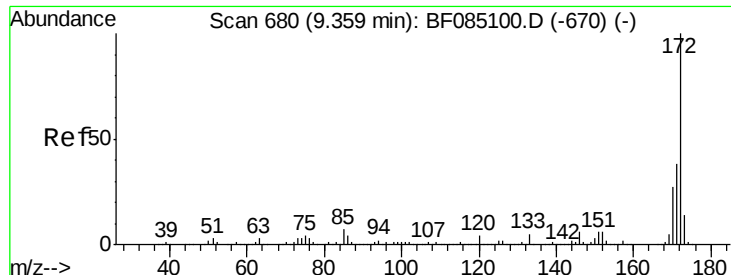
Delta R.T. 0.00 min

Lab File: BF085133.D

Acq: 2 Mar 2016 21:43

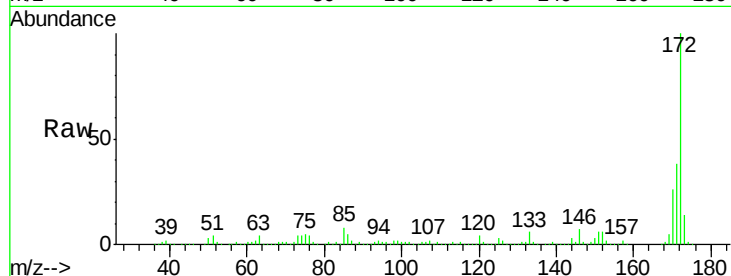
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	548311		
332	94.6	75.9	113.9	
141	27.3	28.9	43.3	





#44
 2-Fluorobiphenyl
 Concen: 87.80 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085133.D
 Acq: 2 Mar 2016 21:43

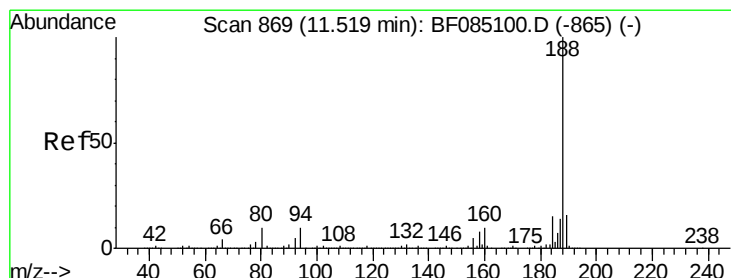
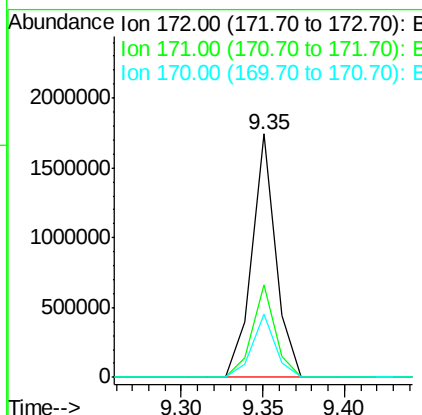
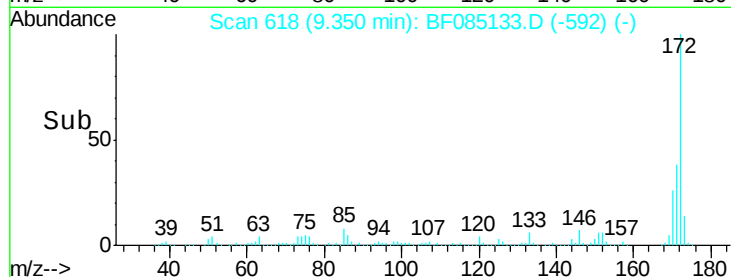
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1778951
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 25.8 21.2 31.8

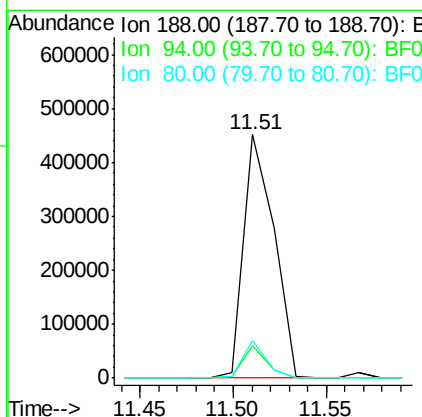
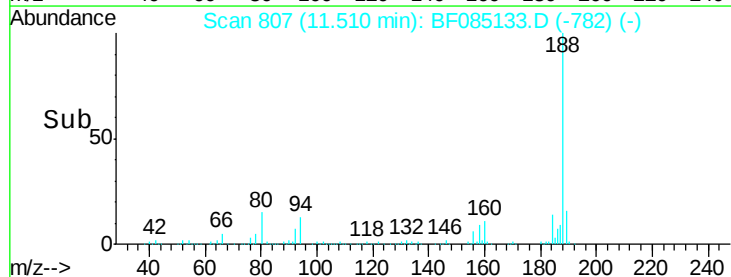
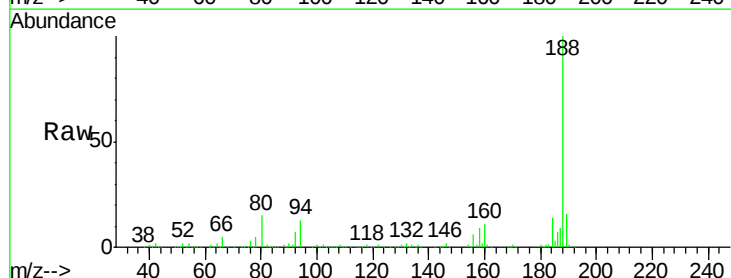
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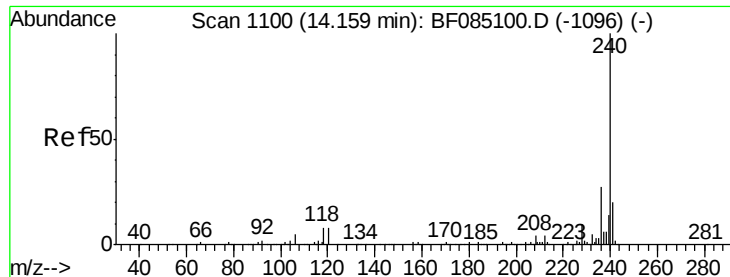
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085133.D
 Acq: 2 Mar 2016 21:43

Tgt Ion:188 Resp: 510204
 Ion Ratio Lower Upper
 188 100
 94 13.4 7.8 11.6#
 80 15.3 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: BF085133.D

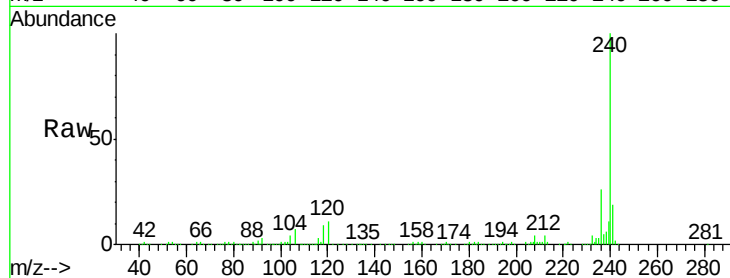
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Instrument :

BNA_F

ClientSampleId :

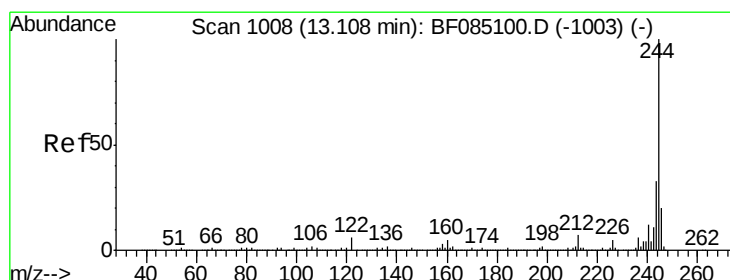
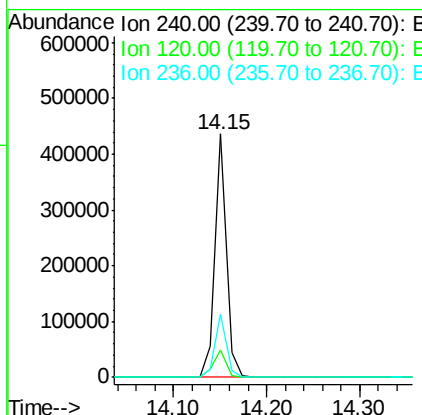
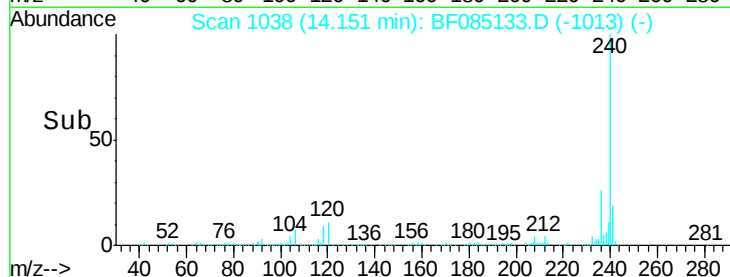
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.7	10.1#
236	26.1	21.6	32.4

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#78

Terphenyl-d14

Concen: 96.39 ng

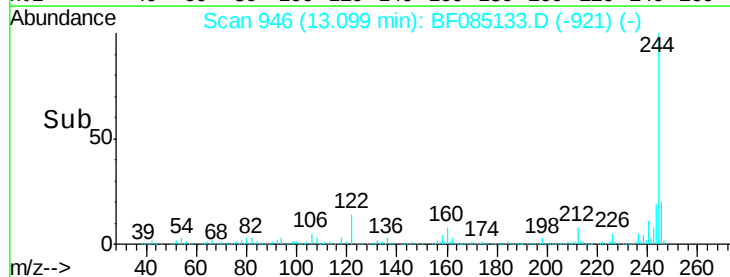
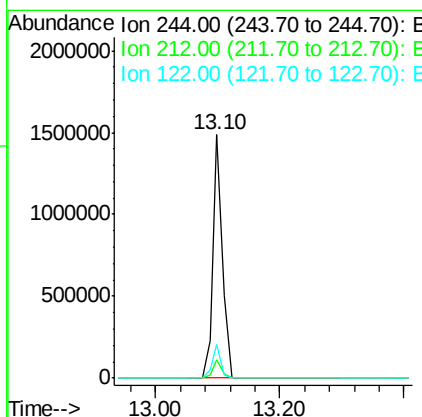
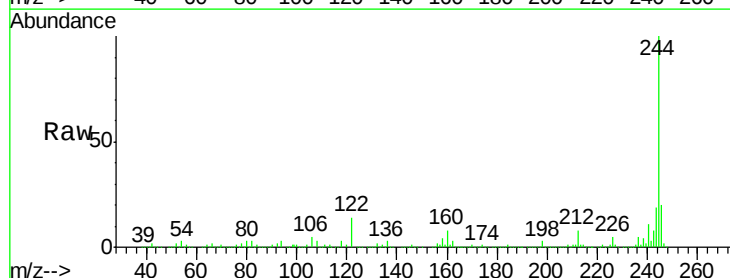
RT: 13.10 min Scan# 946

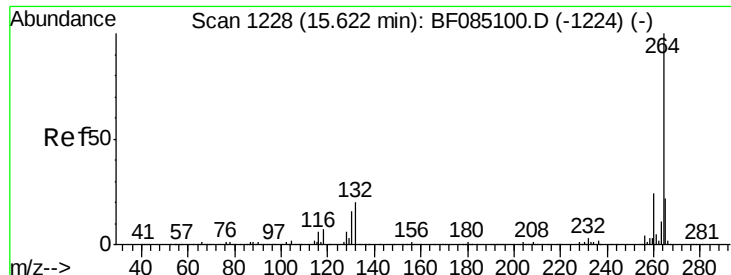
Delta R.T. -0.01 min

Lab File: BF085133.D

Acq: 2 Mar 2016 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	13.7	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: BF085133.D
Acq: 2 Mar 2016 21:43

Instrument :
BNA_F
ClientSampleId :
20160225-WC-C

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		381775		
260	24.0	19.6		29.4	
265	21.7	17.4		26.2	

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