

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085118.D
 Acq On : 2 Mar 2016 14:40
 Operator : SJ/IZ
 Sample : H1631-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(6-8)

Manual Integrations
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Quant Time: Mar 03 12:39:44 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	6.98	152	146009	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	631541	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	240436	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	342219	20.00	ng	0.00
75) Chrysene-d12	14.18	240	308207	20.00	ng	0.03
86) Perylene-d12	15.69	264	283014	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	669885	74.48	ng	0.00
7) Phenol-d6	6.60	99	886175	75.16	ng	-0.02
23) Nitrobenzene-d5	7.54	82	507401	42.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.82	330	183805	76.07	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	787513	48.24	ng	0.00
78) Terphenyl-d14	13.11	244	538744	41.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.74	163	184160	10.33	ng	# 93
51) Acenaphthene	10.07	154	91584	6.31	ng	95
77) Pyrene	12.97	202	596636	28.36	ng	95
85) Indeno(1,2,3-cd)pyrene	17.20	276	89833	6.50	ng	# 83
89) Benzo(a)pyrene	15.56	252	226325m	15.62	ng	
91) Benzo(g,h,i)perylene	17.65	276	72338	5.45	ng	# 63

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

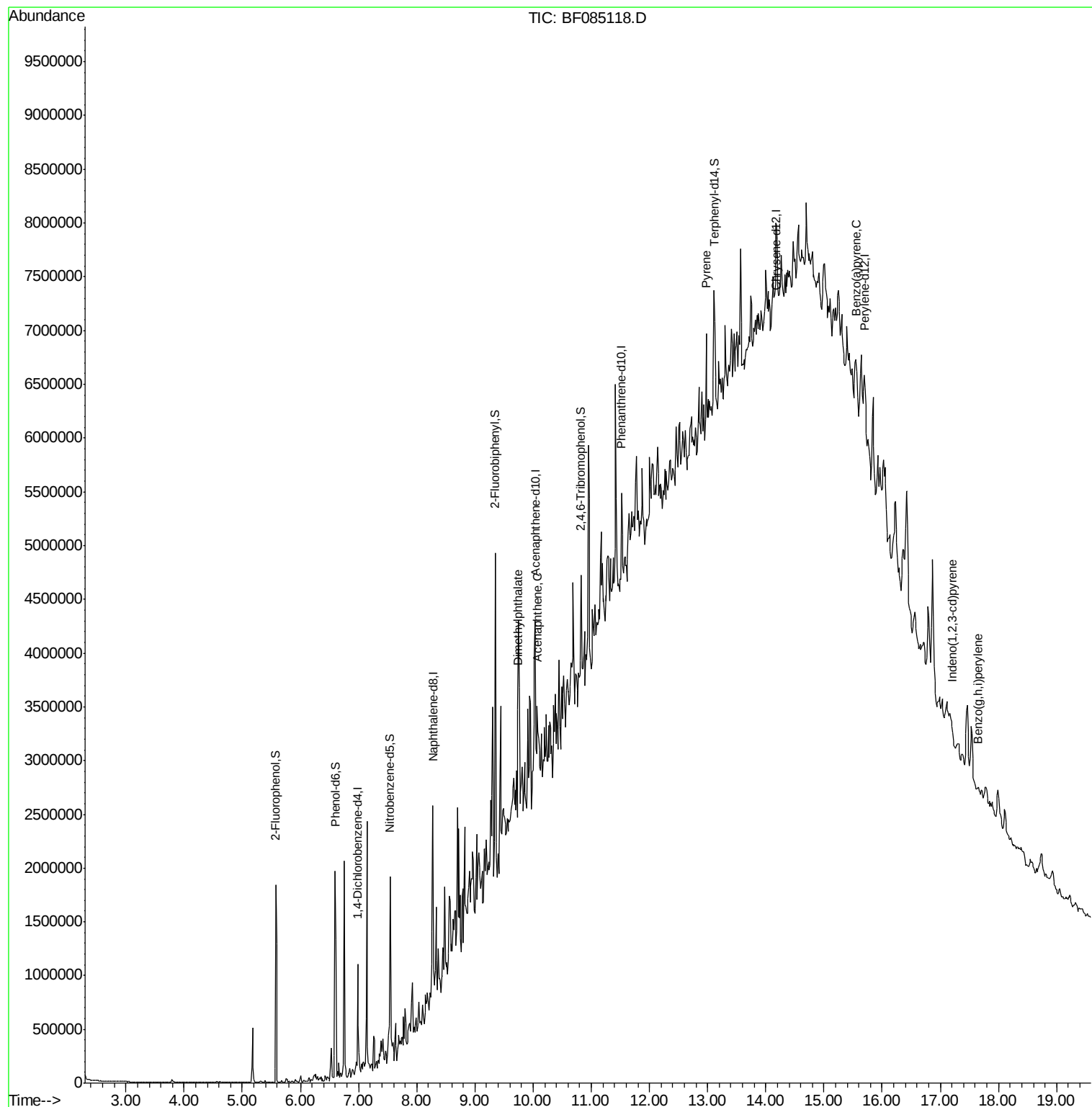
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085118.D
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

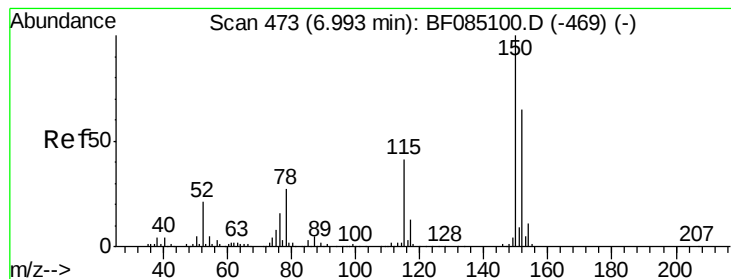
Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

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Quant Time: Mar 03 12:39:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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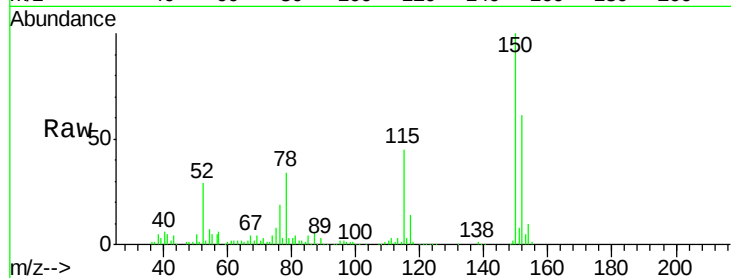
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

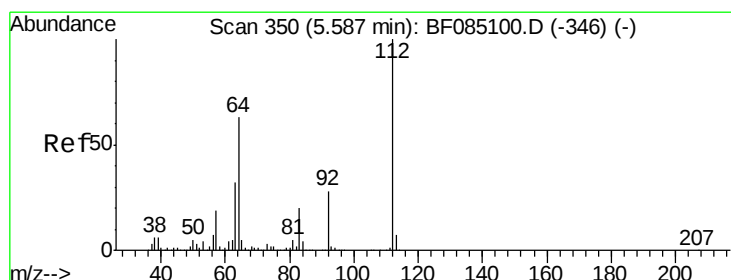
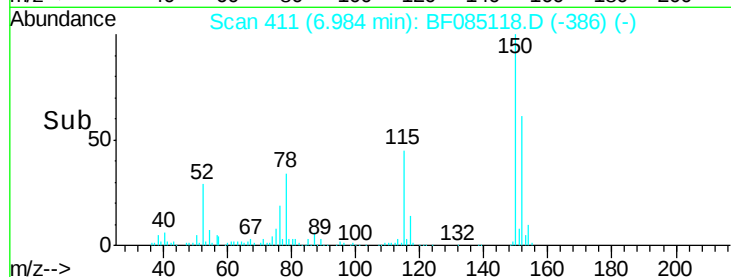
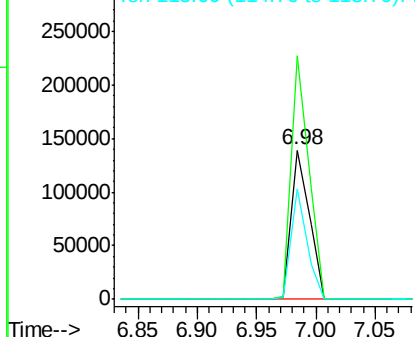
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146009		
150	163.2	123.4	185.0	
115	73.9	50.0	75.0	

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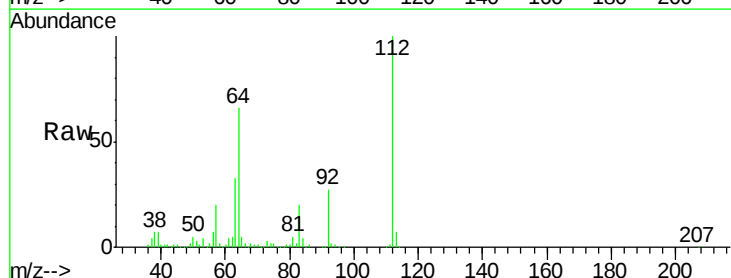


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

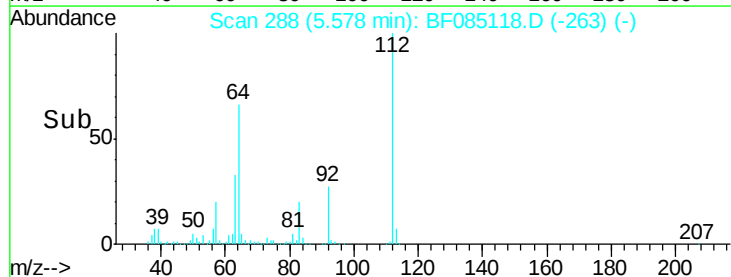
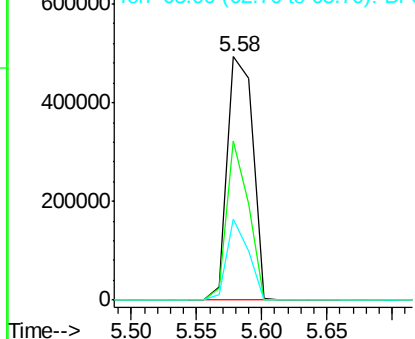


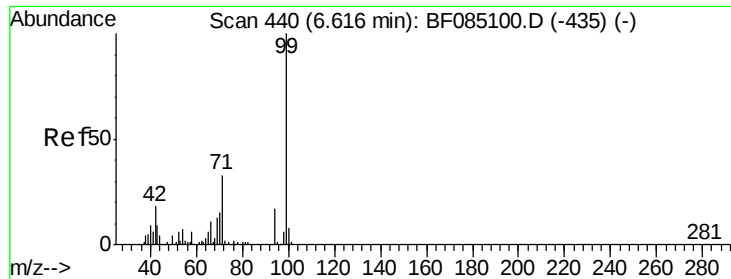
#5
2-Fluorophenol
Concen: 74.48 ng
RT: 5.58 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	669885		
64	65.6	50.6	76.0	
63	33.5	25.5	38.3	



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.16 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

Instrument :

BNA_F

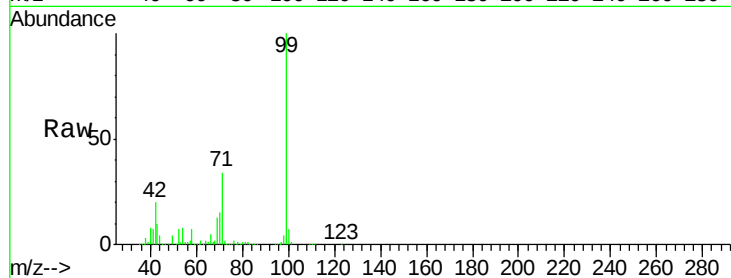
ClientSampleId :

SB-43(6-8)

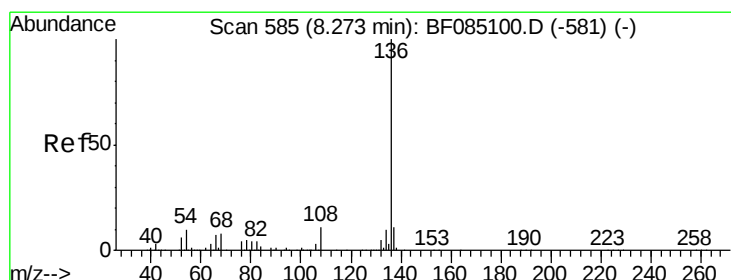
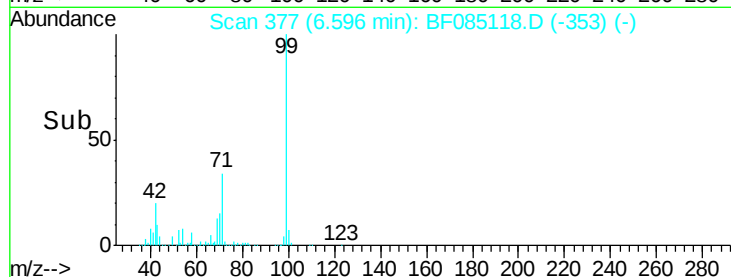
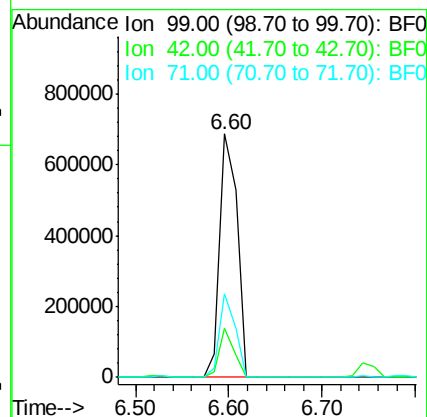
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	886175		
42	19.9	14.1	21.1	
71	34.5	26.8	40.2	



#21

Naphthalene-d8

Concen: 20.00 ng

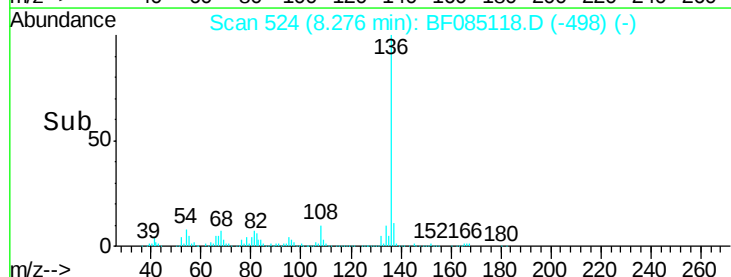
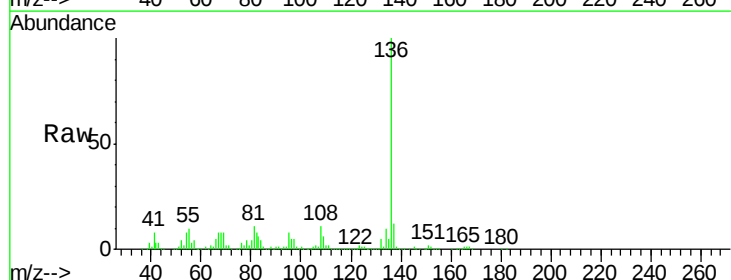
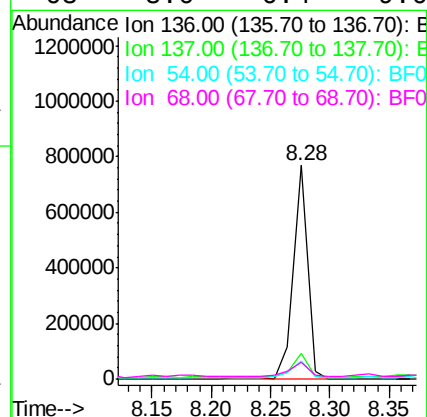
RT: 8.28 min Scan# 524

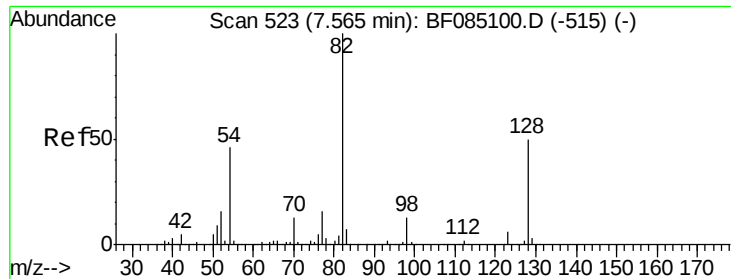
Delta R.T. 0.00 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	631541		
137	12.0	9.1	13.7	
54	8.5	8.5	12.7	
68	8.0	6.4	9.6	





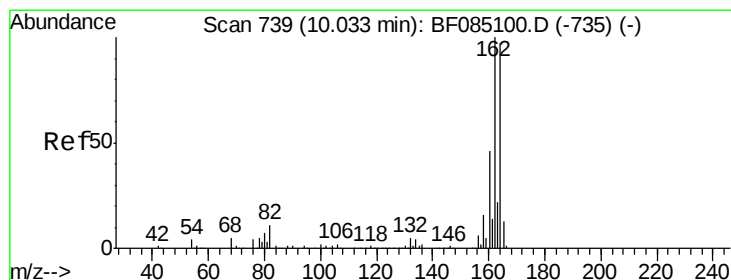
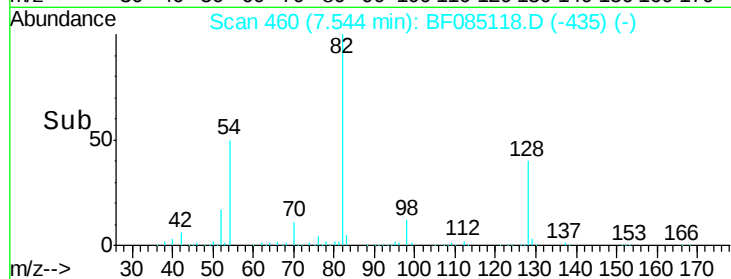
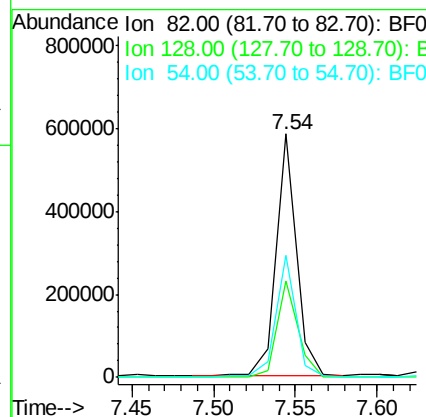
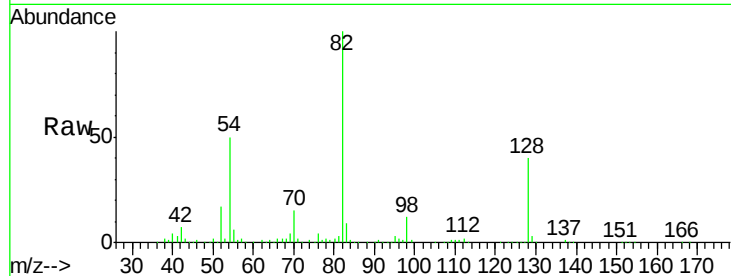
#23
Nitrobenzene-d5
Concen: 42.74 ng
RT: 7.54 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	39.8	59.6#
54	50.0	36.6	54.8

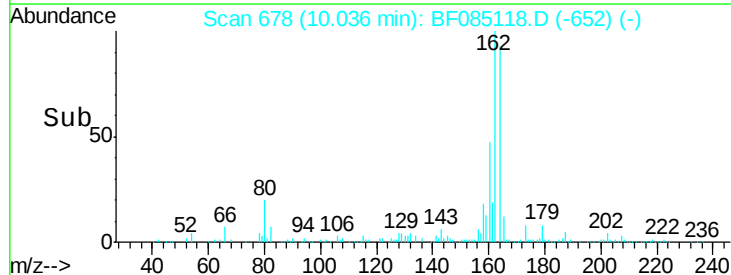
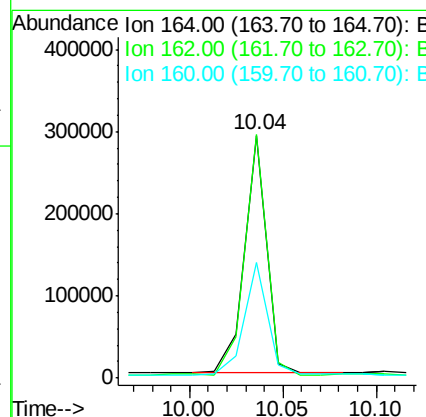
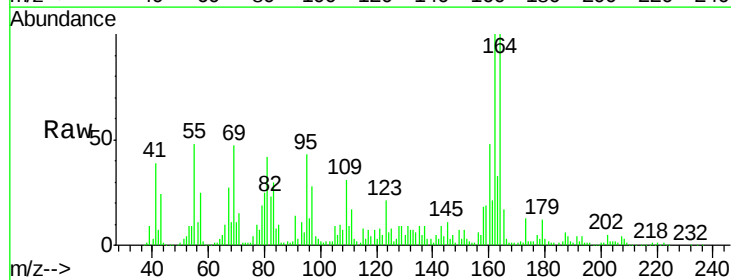
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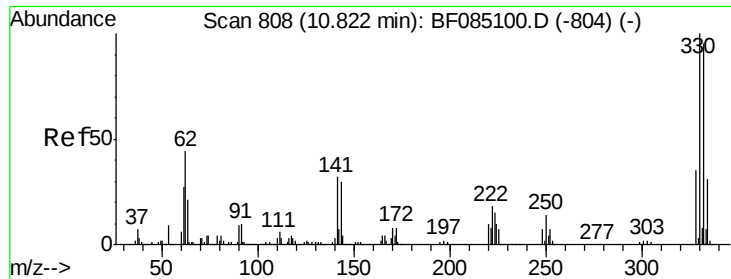
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	47.8	38.2	57.2





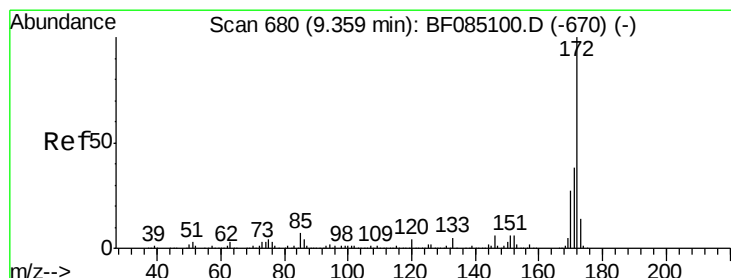
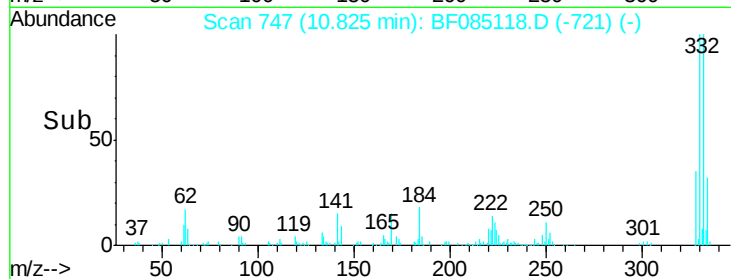
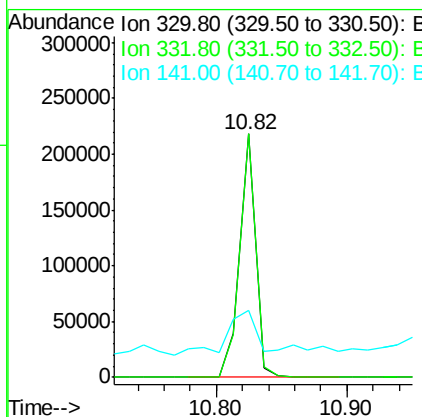
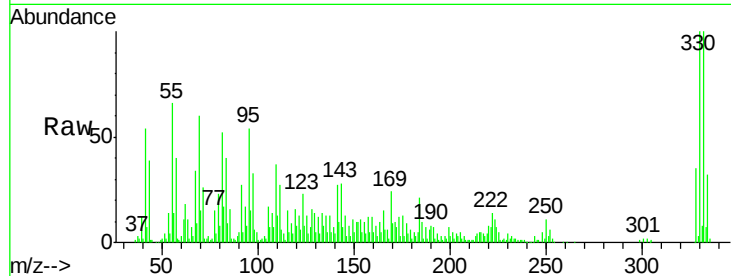
#41
 2,4,6-Tribromophenol
 Concen: 76.07 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085118.D
 Acq: 2 Mar 2016 14:40

Instrument :
 BNA_F
 ClientSampled :
 SB-43(6-8)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	183805		
332	100.1	75.9	113.9	
141	34.9	28.9	43.3	

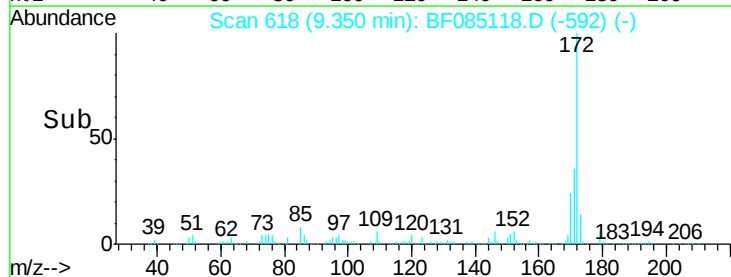
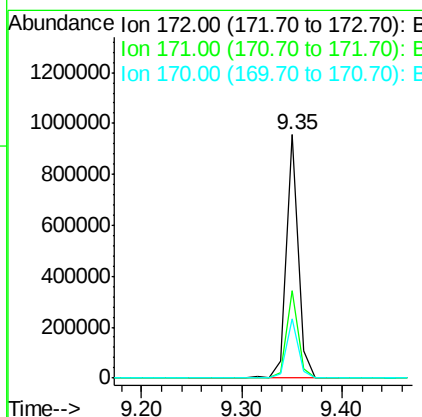
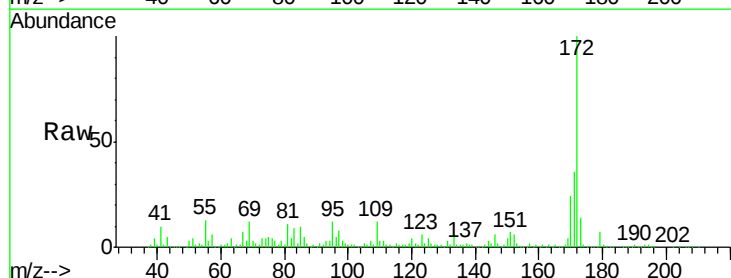
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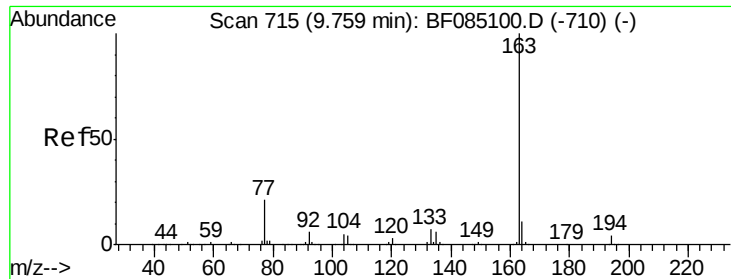
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#44
 2-Fluorobiphenyl
 Concen: 48.24 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085118.D
 Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	787513		
171	36.1	30.5	45.7	
170	24.3	21.2	31.8	





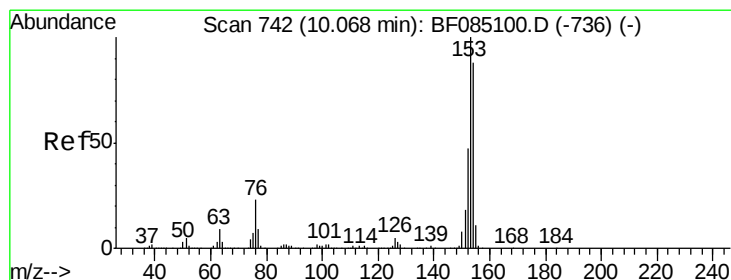
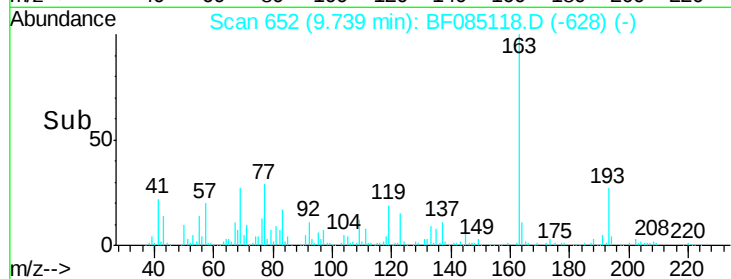
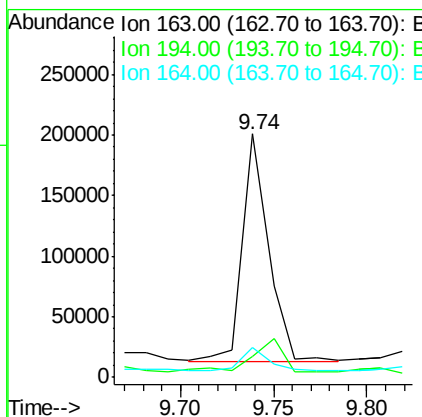
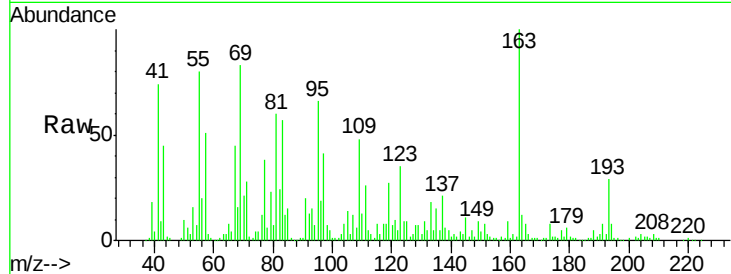
#49
Dimethylphthalate
Concen: 10.33 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	8.4	2.9	4.3#
164	12.4	8.6	12.8

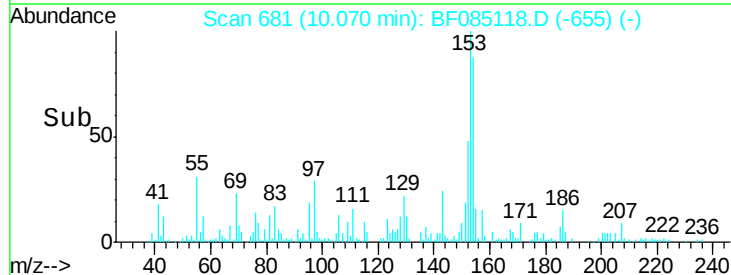
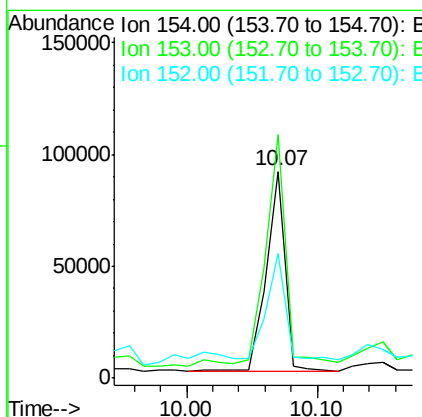
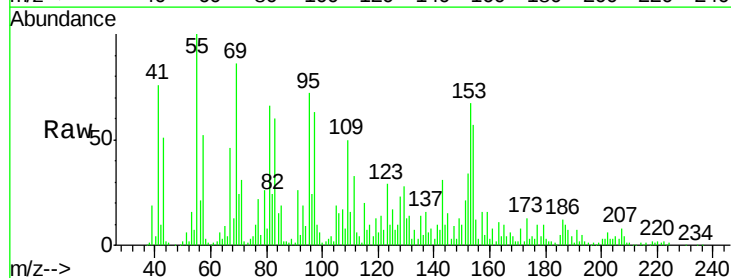
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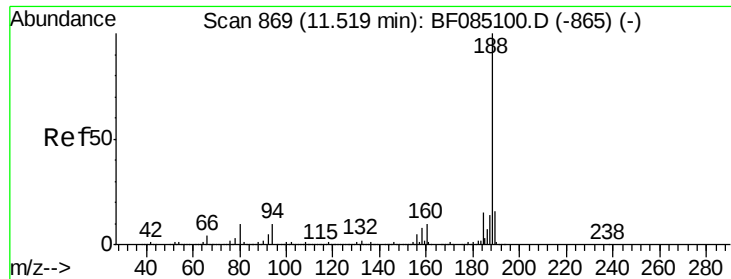
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#51
Acenaphthene
Concen: 6.31 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	117.9	91.0	136.6
152	60.2	43.0	64.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

Instrument :

BNA_F

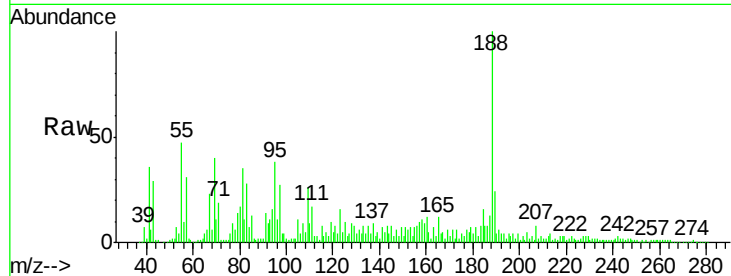
ClientSampleId :

SB-43(6-8)

Tgt Ion:	188	Resp:	342219
Ion Ratio	Lower	Upper	
188	100		
94	16.2	7.8	11.6#
80	16.9	8.2	12.4#

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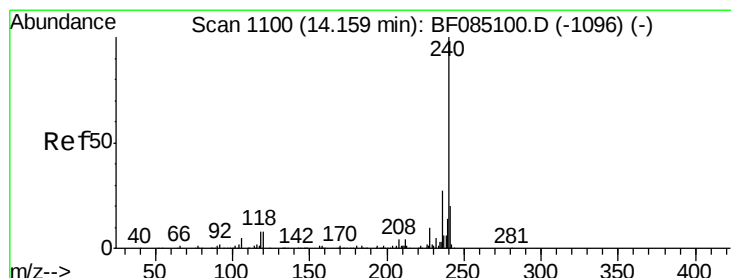
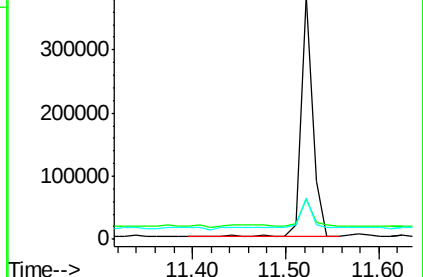
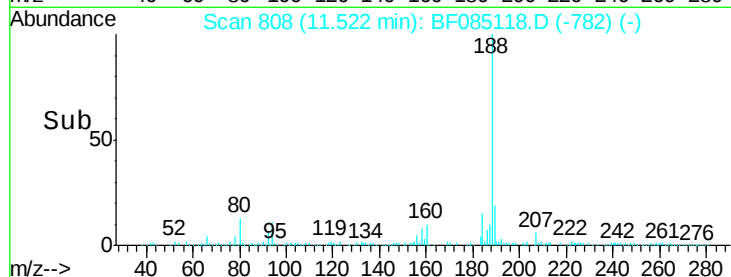
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

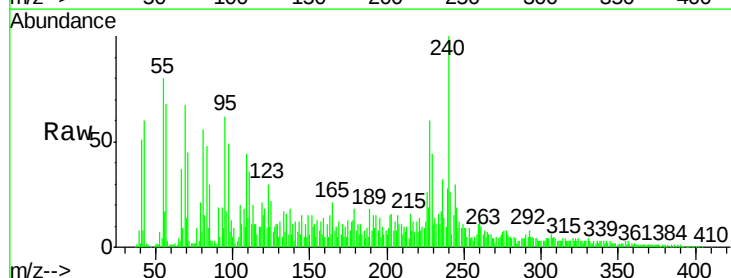
RT: 14.18 min Scan# 1041

Delta R.T. 0.03 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

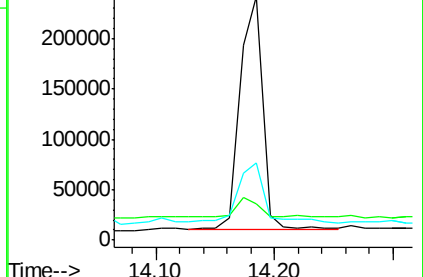
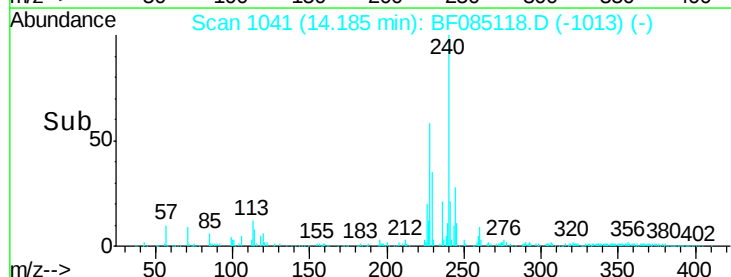
Tgt Ion:	240	Resp:	308207
Ion Ratio	Lower	Upper	
240	100		
120	14.9	6.7	10.1#
236	31.7	21.6	32.4

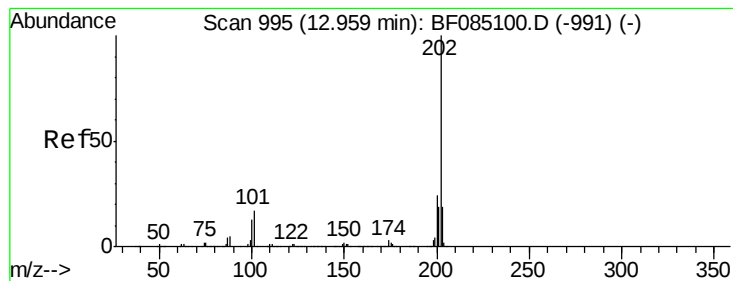


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 28.36 ng

RT: 12.97 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

Instrument :

BNA_F

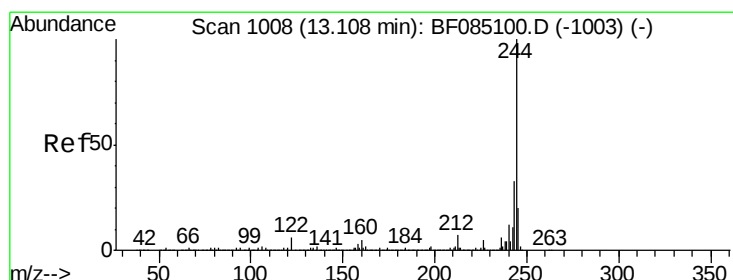
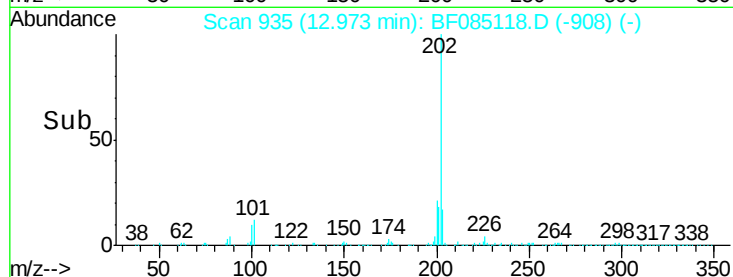
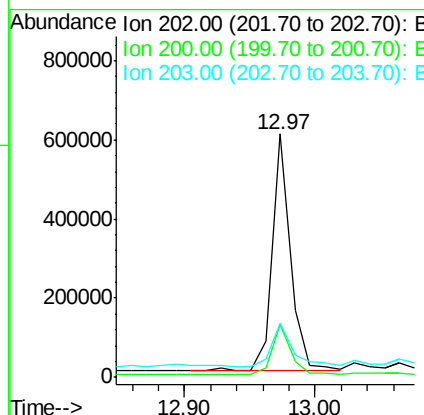
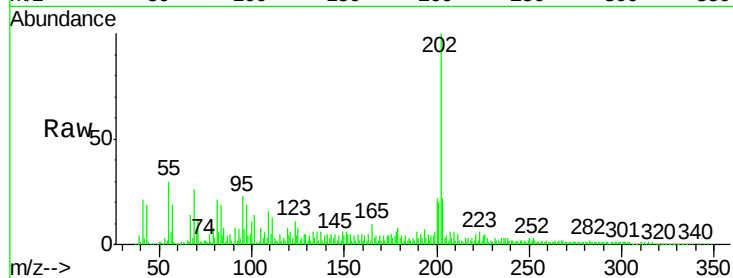
ClientSampleId :

SB-43(6-8)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.0		19.0	28.6	
203	22.0		15.0	22.6	

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#78

Terphenyl-d14

Concen: 41.01 ng

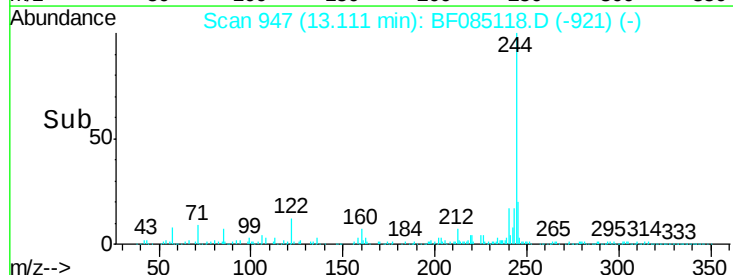
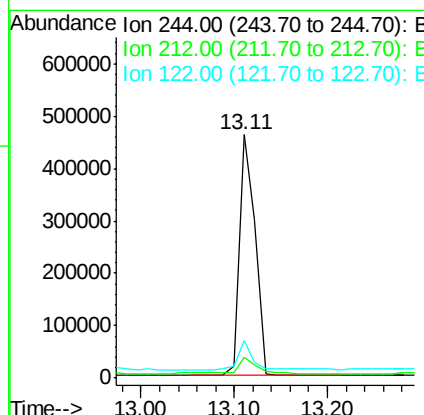
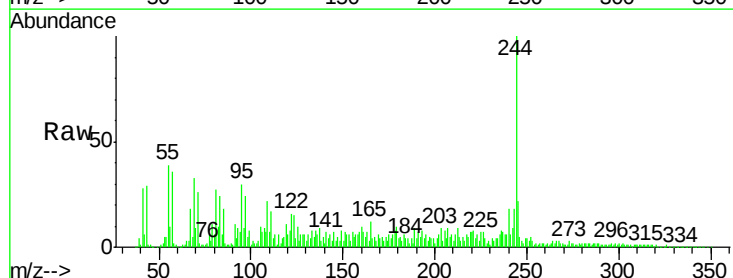
RT: 13.11 min Scan# 947

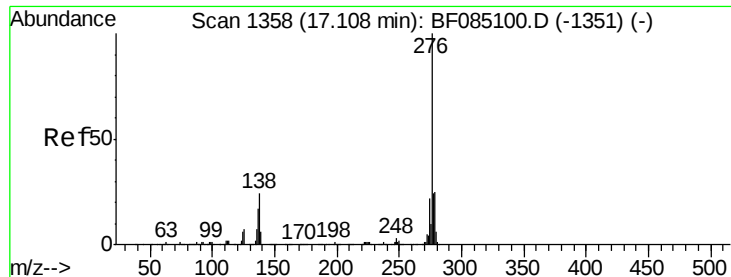
Delta R.T. 0.00 min

Lab File: BF085118.D

Acq: 2 Mar 2016 14:40

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.7		5.4	8.0#	
122	15.6		5.1	7.7#	





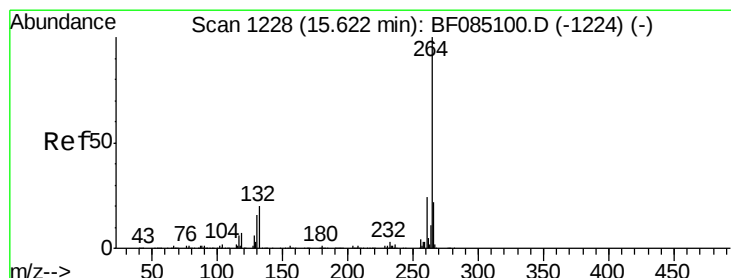
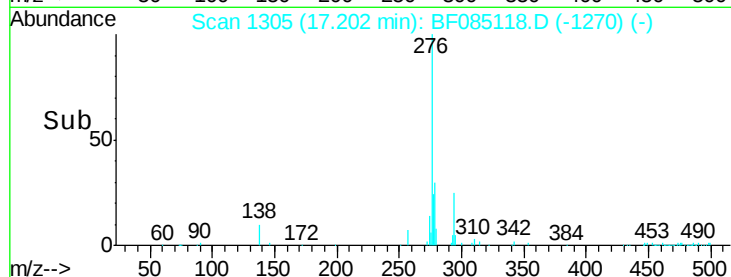
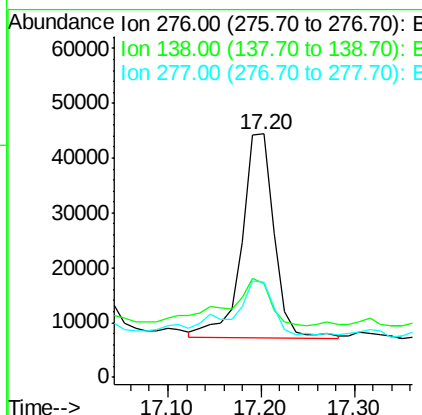
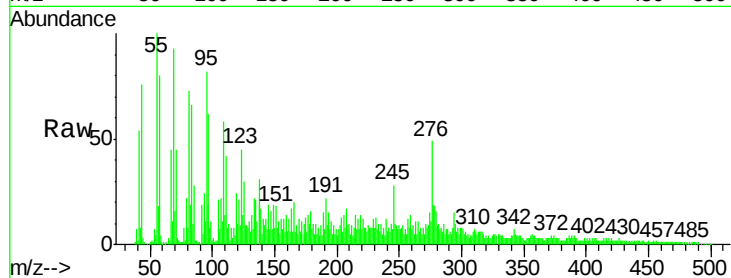
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.50 ng
RT: 17.20 min Scan# 1305
Delta R.T. 0.09 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.4	32.2
277	37.4	20.1	30.1

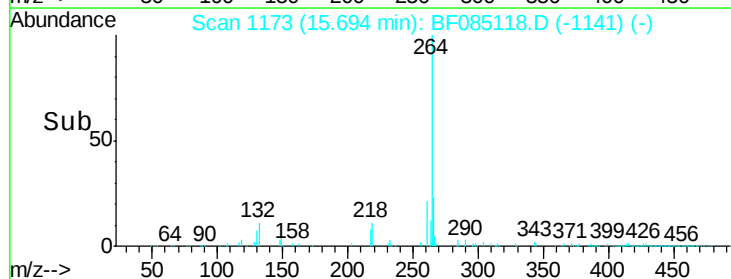
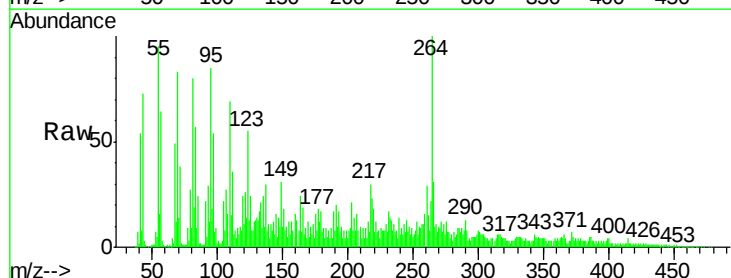
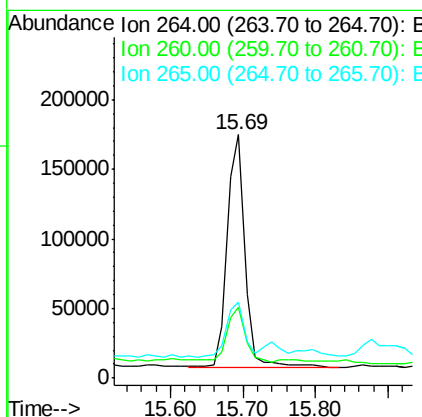
Manual Integrations
APPROVED

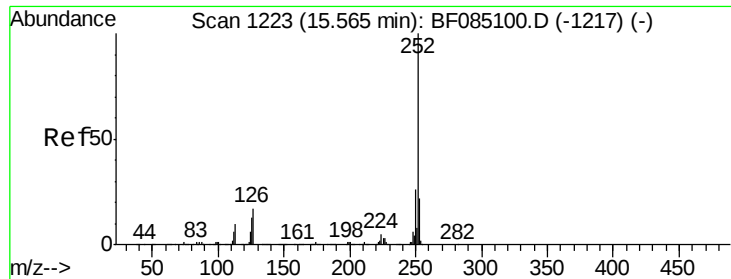
UMANGI
3/3/2016 2:05:29 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1173
Delta R.T. 0.07 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	29.3	19.6	29.4
265	31.3	17.4	26.2





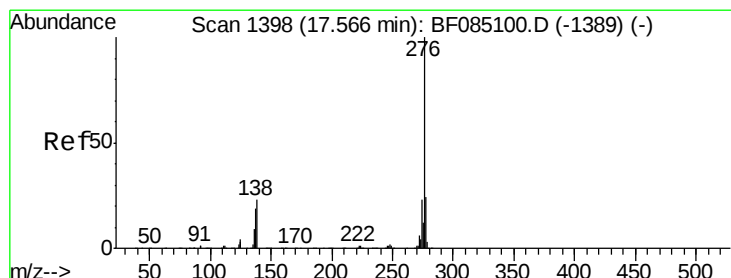
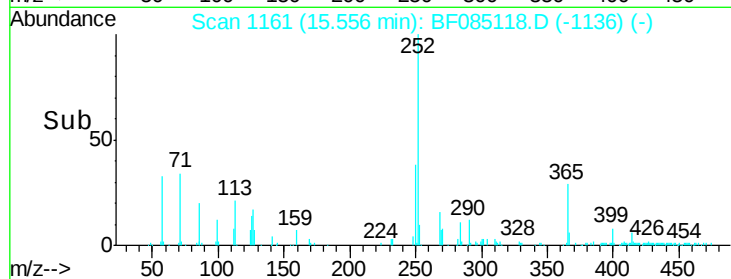
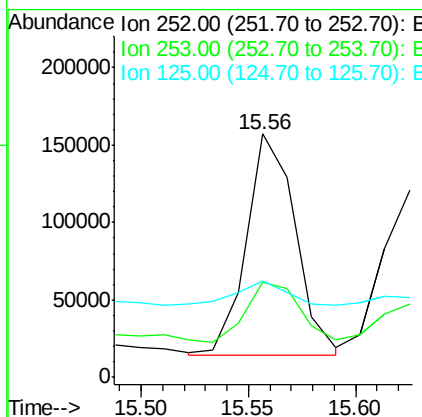
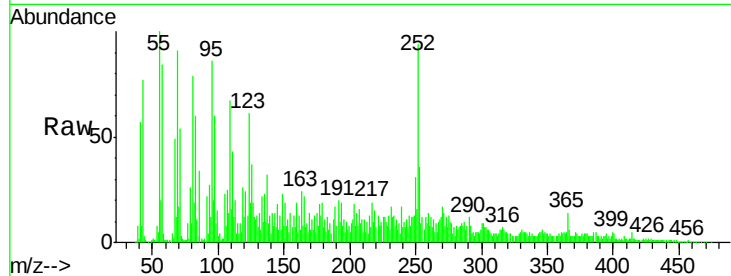
#89
Benzo(a)pyrene
Concen: 15.62 ng m
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.9	18.0	27.0#
125	39.4	10.2	15.2#

Manual Integrations
APPROVED

UMANGI
3/3/2016 2:05:29 PM



#91
Benzo(g,h,i)perylene
Concen: 5.45 ng
RT: 17.65 min Scan# 1344
Delta R.T. 0.08 min
Lab File: BF085118.D
Acq: 2 Mar 2016 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.6	19.0	28.4#
138	41.6	18.1	27.1#

