

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030316\
 Data File : BF085198.D
 Acq On : 4 Mar 2016 11:16
 Operator : SJ/IZ
 Sample : H1631-02RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Manual Integrations
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 3/4/2016 4:36:56 PM

Quant Time: Mar 08 10:28:35 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	6.98	152	130407	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	493412	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	168438	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	258318	20.00	ng	0.01
75) Chrysene-d12	14.17	240	230652	20.00	ng	0.02
86) Perylene-d12	15.69	264	197392	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	568792	73.16	ng	0.00
7) Phenol-d6	6.60	99	694536	68.19	ng	-0.01
23) Nitrobenzene-d5	7.54	82	433927	47.06	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	102593	71.18	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	606026	54.72	ng	-0.01
78) Terphenyl-d14	13.11	244	426864	42.96	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	139995	10.83	ng	# 79
51) Acenaphthene	10.06	154	69966	6.75	ng	94
77) Pyrene	12.97	202	517428	29.81	ng	96
85) Indeno(1,2,3-cd)pyrene	17.20	276	60493	6.08	ng	# 84
89) Benzo(a)pyrene	15.56	252	163725m	15.02	ng	
91) Benzo(g,h,i)perylene	17.66	276	49548	5.29	ng	# 55

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

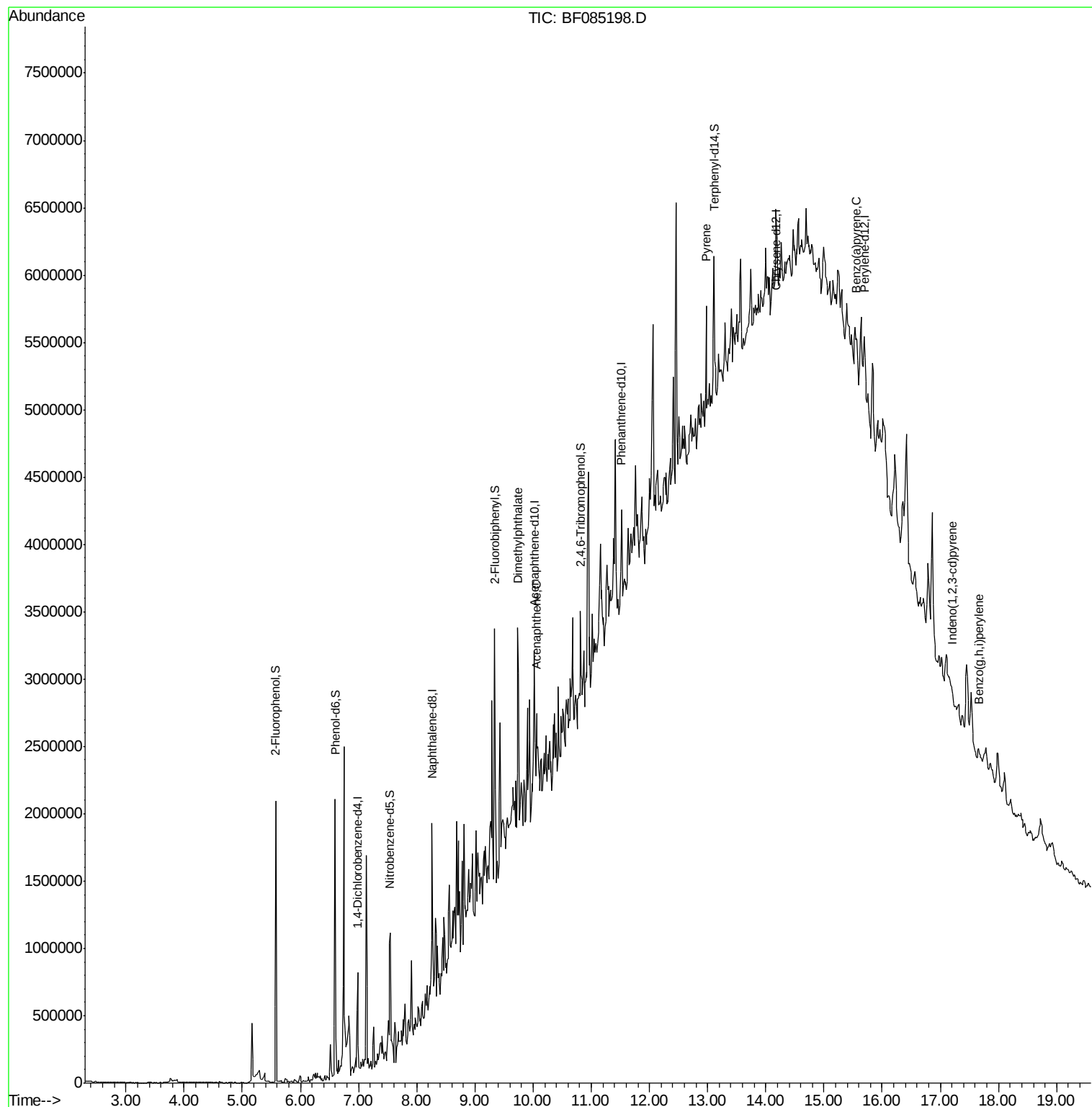
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030316\
Data File : BF085198.D
Acq On : 4 Mar 2016 11:16
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#1

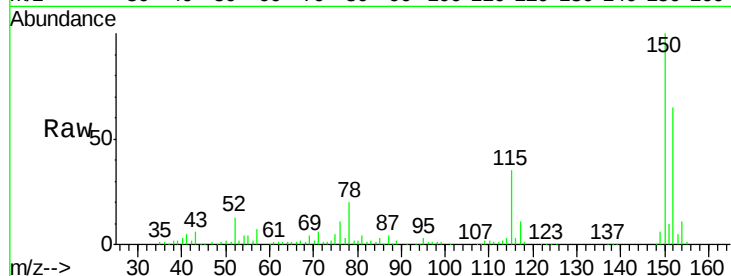
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

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

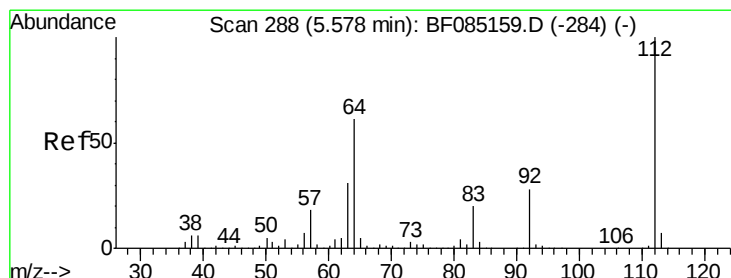
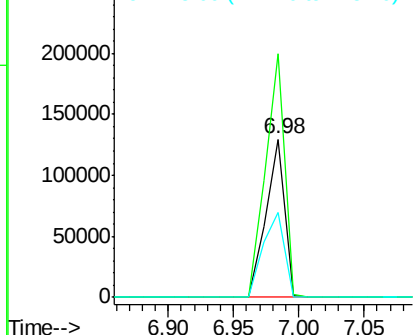
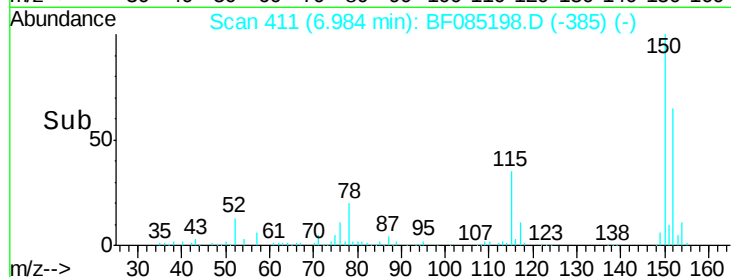
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	53.3	46.6	70.0

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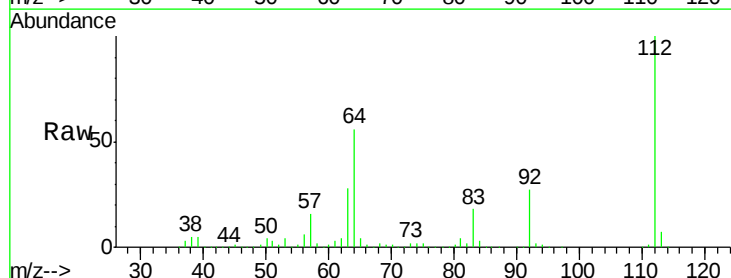
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



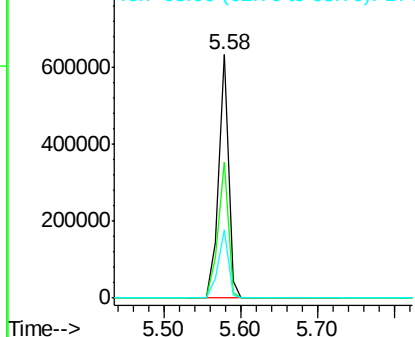
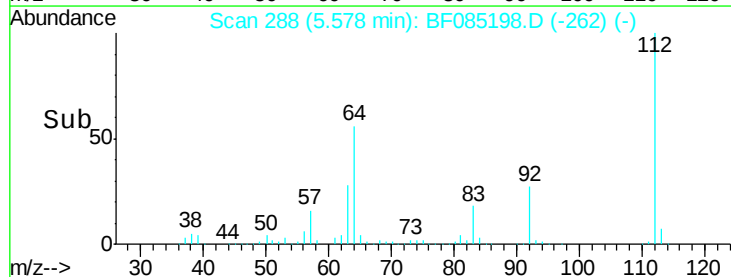
#5

2-Fluorophenol
 Concen: 73.16 ng
 RT: 5.58 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.0	73.4
63	28.0	24.8	37.2



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: 68.19 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085198.D

Acq: 4 Mar 2016 11:16

Instrument :

BNA_F

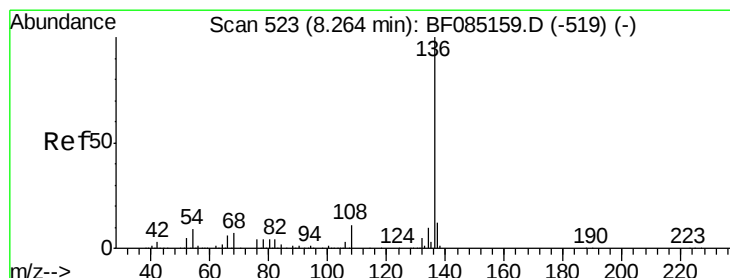
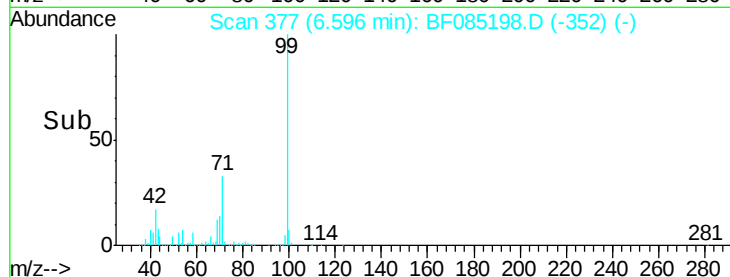
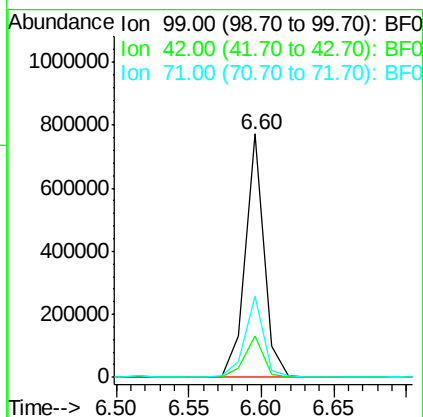
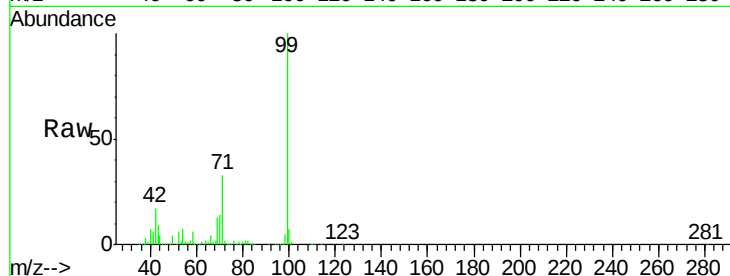
ClientSampleId :

SB-43(6-8)RE

Tot Ion:	99	Resp:	694536
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.6	20.4
71	33.4	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

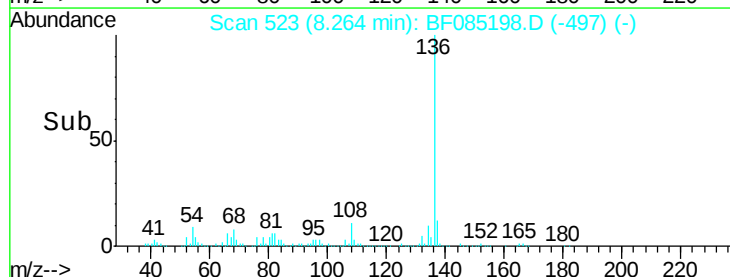
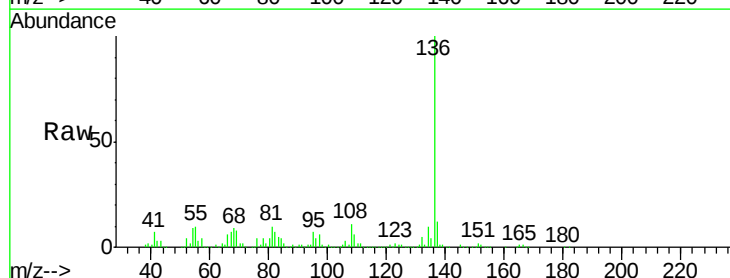
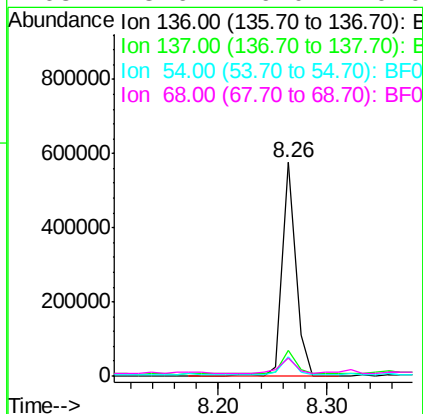
RT: 8.26 min Scan# 523

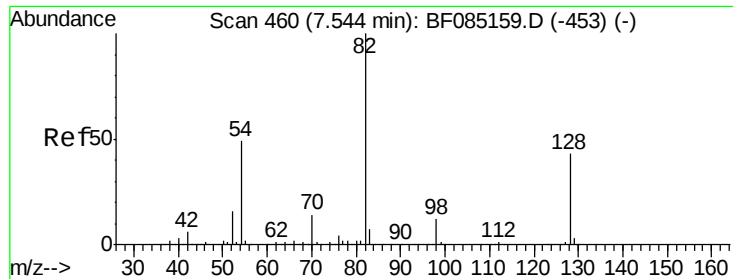
Delta R.T. -0.00 min

Lab File: BF085198.D

Acq: 4 Mar 2016 11:16

Tgt Ion:	136	Resp:	493412
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.3	13.9
54	9.3	7.4	11.2
68	8.6	6.0	9.0





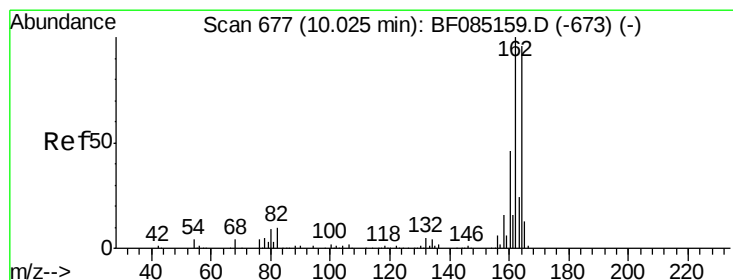
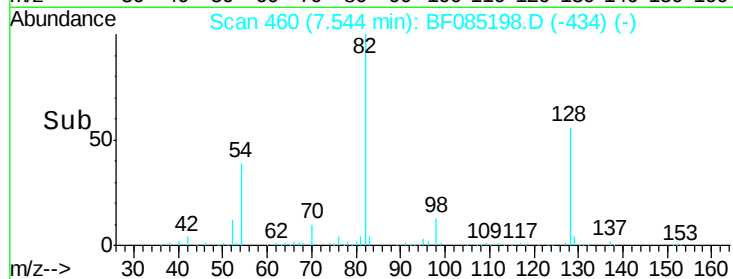
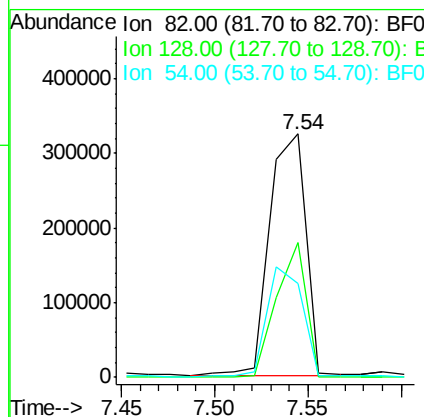
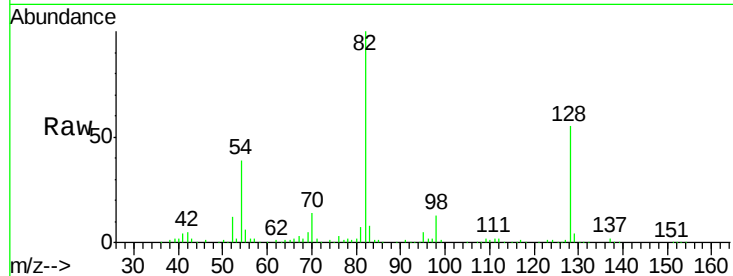
#23
 Nitrobenzene-d5
 Concen: 47.06 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.5	34.5	51.7#
54	38.7	39.3	58.9#

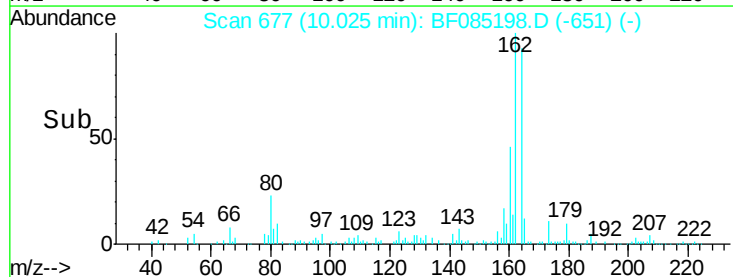
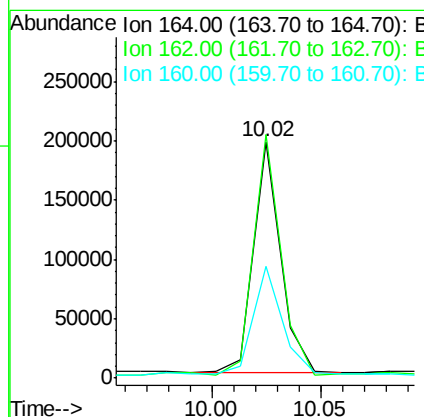
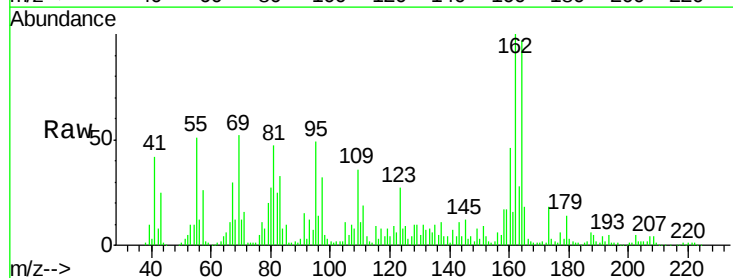
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.3	124.9
160	47.5	37.9	56.9





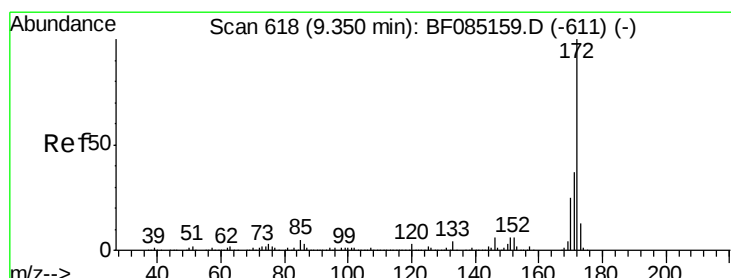
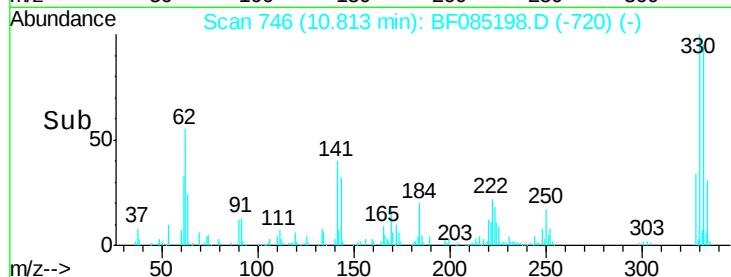
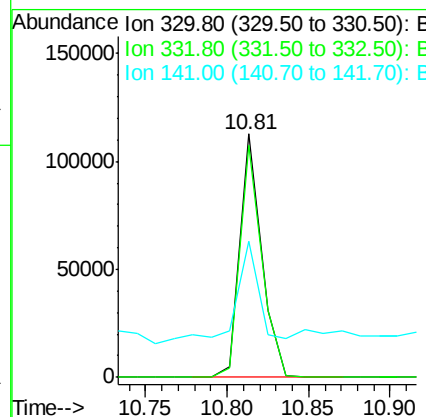
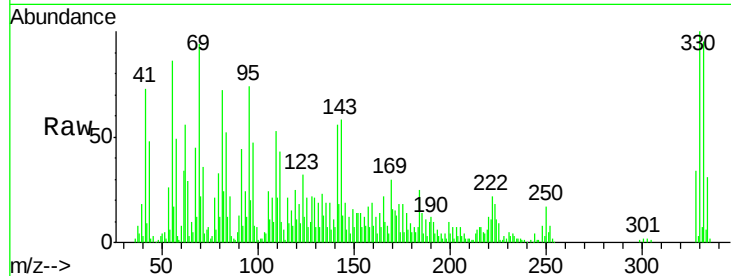
#41
 2,4,6-Tribromophenol
 Concen: 71.18 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	102593		
332	96.0		77.1	115.7
141	47.2		35.0	52.6

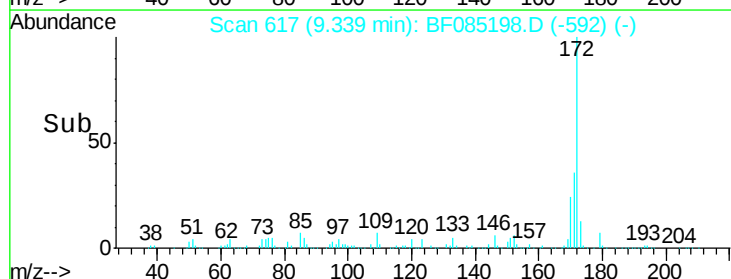
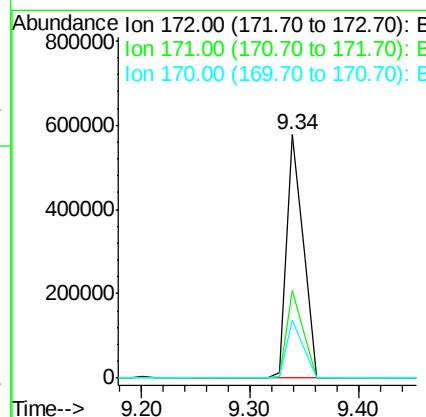
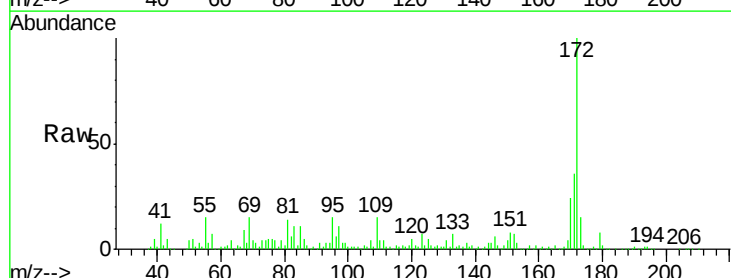
Manual Integrations
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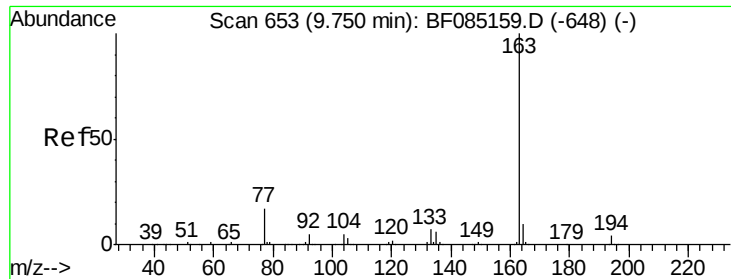
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#44
 2-Fluorobiphenyl
 Concen: 54.72 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085198.D
 Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	606026		
171	36.1		29.3	43.9
170	24.0		20.0	30.0





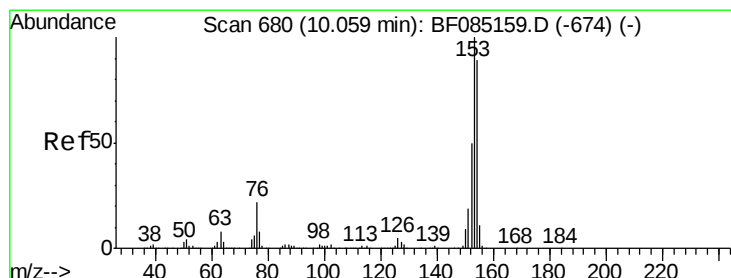
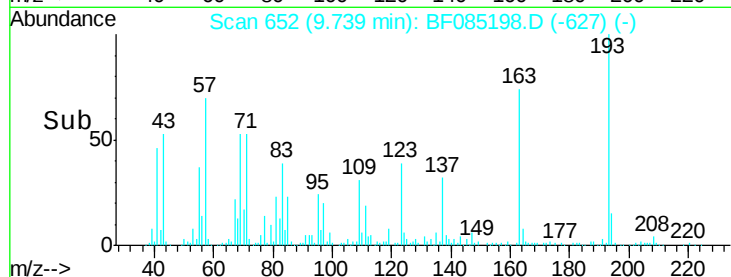
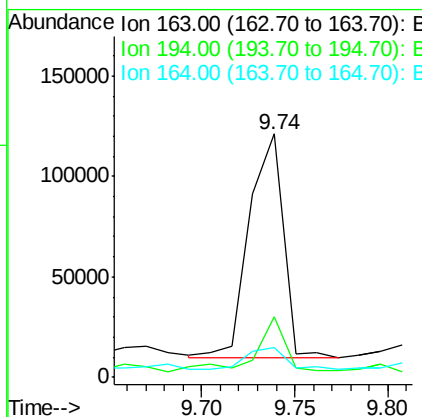
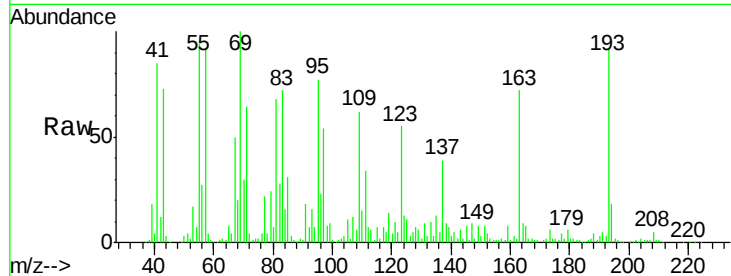
#49
Dimethylphthalate
Concen: 10.83 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	139995		
194	25.0	3.1	4.7#	
164	12.0	8.2	12.4	

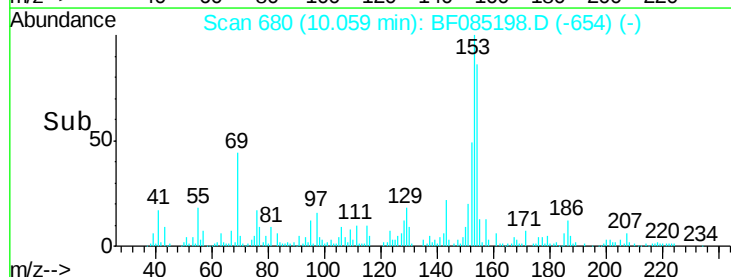
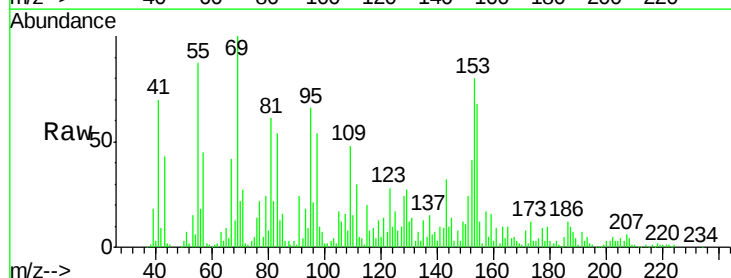
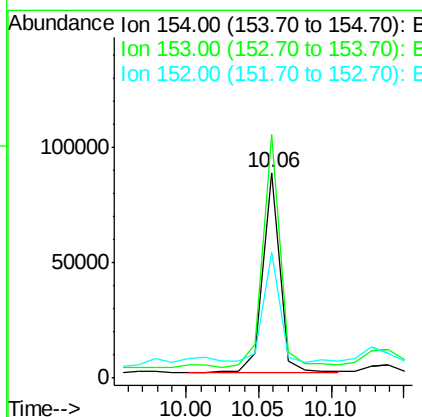
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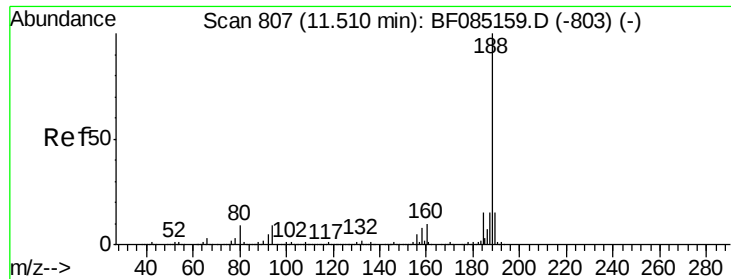
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#51
Acenaphthene
Concen: 6.75 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	69966		
153	118.7	89.8	134.8	
152	61.1	44.6	66.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF085198.D

Acq: 4 Mar 2016 11:16

Instrument :

BNA_F

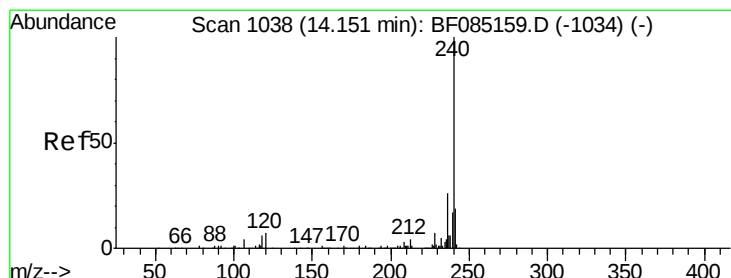
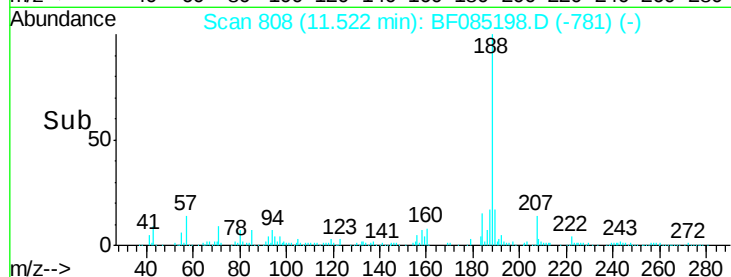
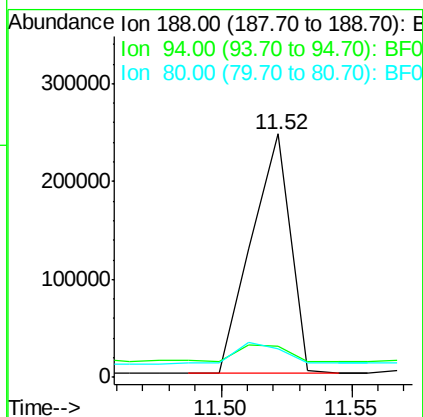
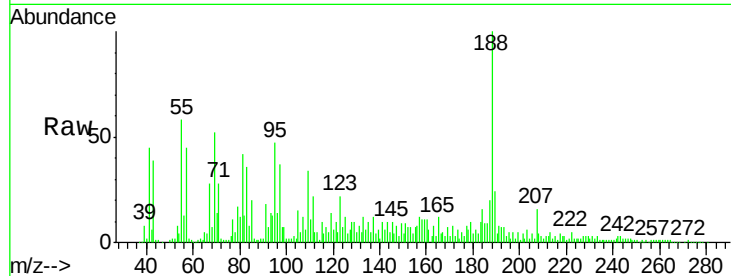
ClientSampleId :

SB-43(6-8)RE

Tot Ion:	188	Resp:	258318
Ion Ratio	Lower	Upper	
188	100		
94	12.9	7.0	10.6#
80	12.0	7.4	11.0#

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#75

Chrysene-d12

Concen: 20.00 ng

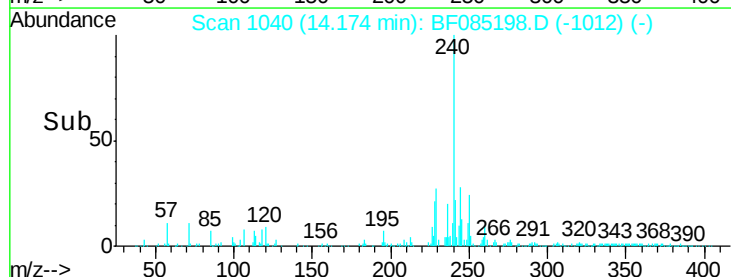
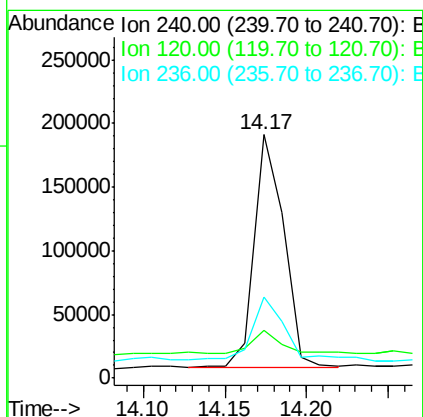
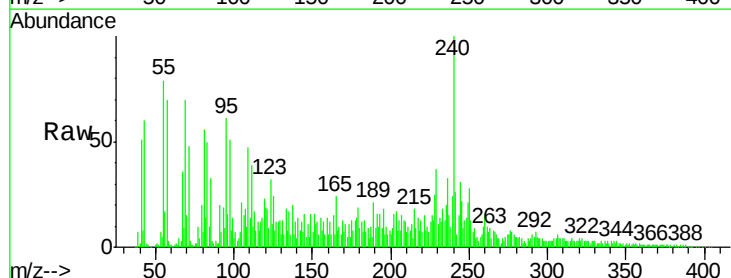
RT: 14.17 min Scan# 1040

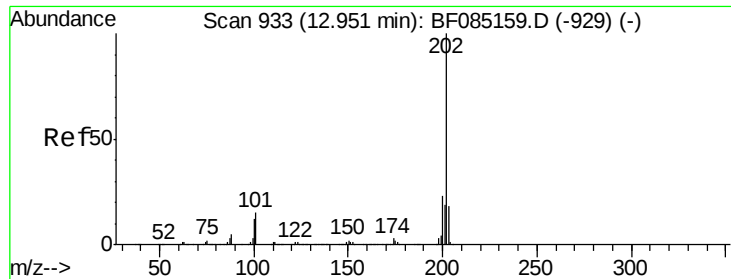
Delta R.T. 0.02 min

Lab File: BF085198.D

Acq: 4 Mar 2016 11:16

Tgt Ion:	240	Resp:	230652
Ion Ratio	Lower	Upper	
240	100		
120	19.5	5.3	7.9#
236	33.1	20.7	31.1#





#77

Pvrene

Concen: 29.81 ng

RT: 12.97 min Scan# 935

Delta R.T. 0.02 min

Lab File: BF085198.D

Acq: 4 Mar 2016 11:16

Instrument :

BNA_F

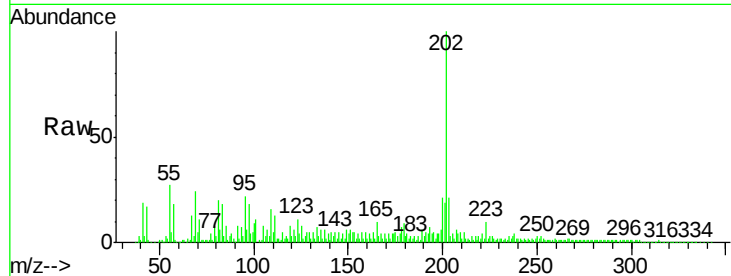
ClientSampleId :

SB-43(6-8)RE

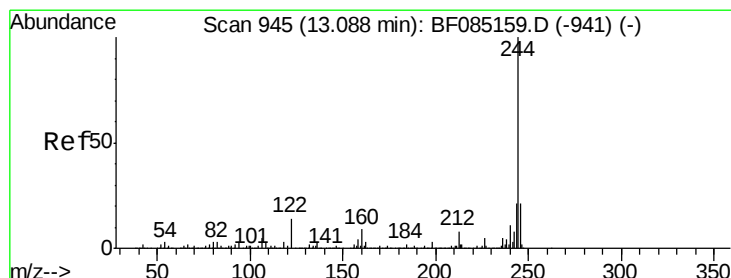
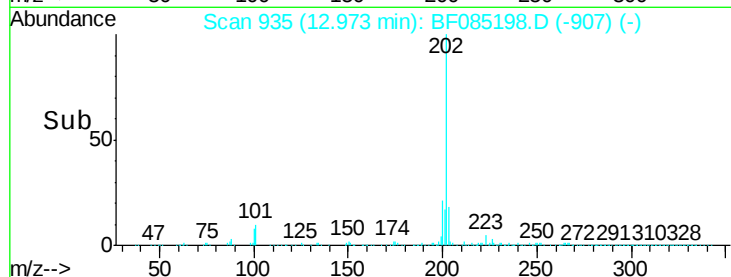
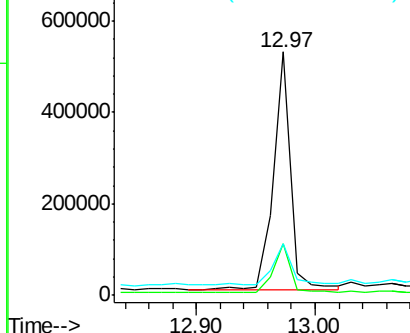
Tot Ion:	202	Resp:	517428
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.2	27.4
203	21.3	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 42.96 ng

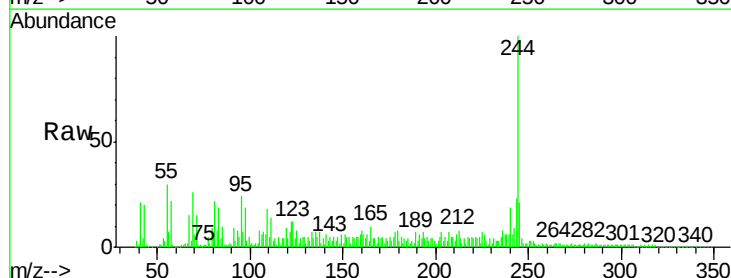
RT: 13.11 min Scan# 947

Delta R.T. 0.02 min

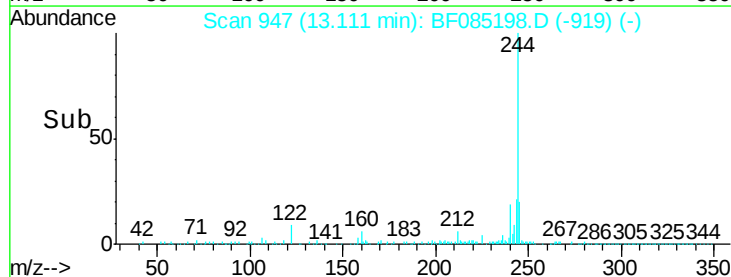
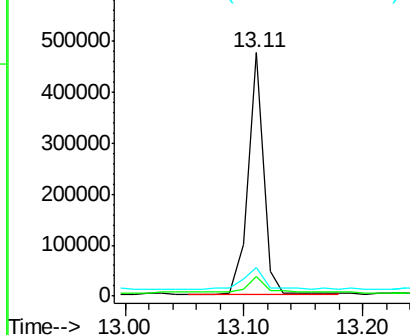
Lab File: BF085198.D

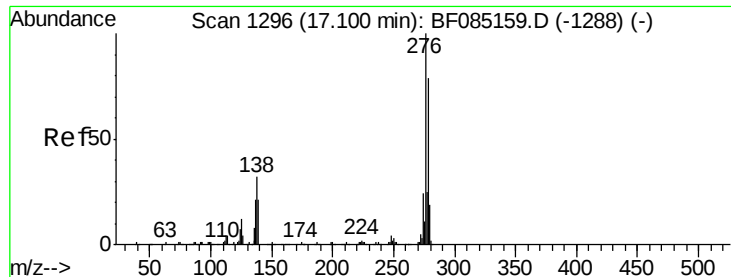
Acq: 4 Mar 2016 11:16

Tgt Ion:	244	Resp:	426864
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.4	9.6
122	11.9	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





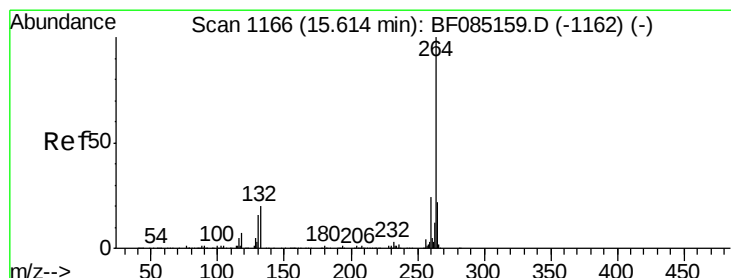
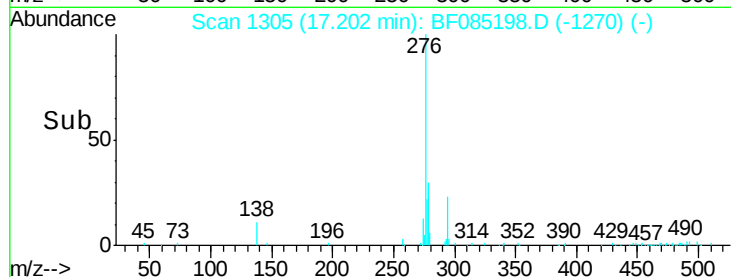
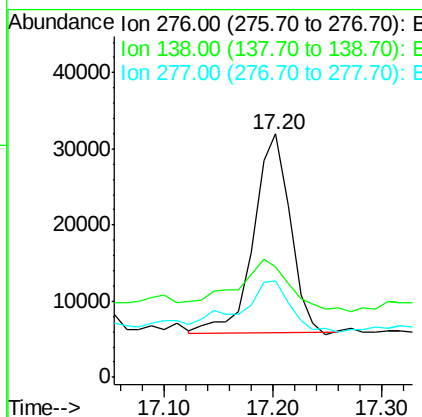
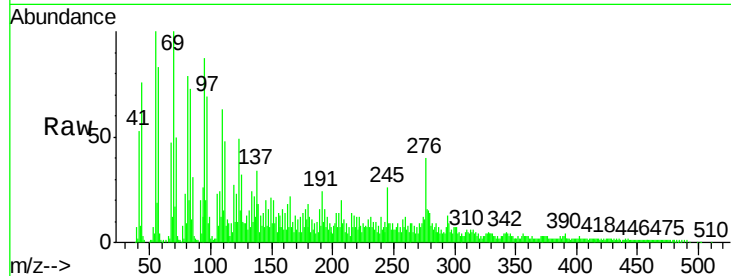
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.08 ng
RT: 17.20 min Scan# 1305
Delta R.T. 0.10 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.0	26.4	39.6#
277	35.6	20.2	30.2#

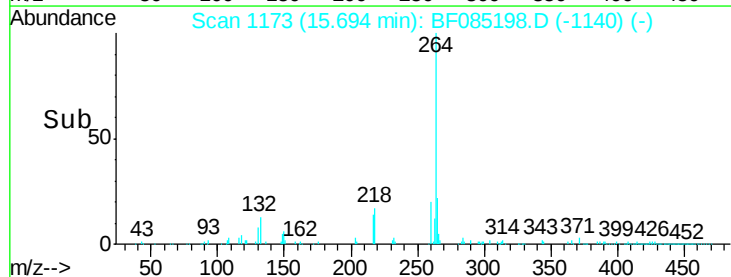
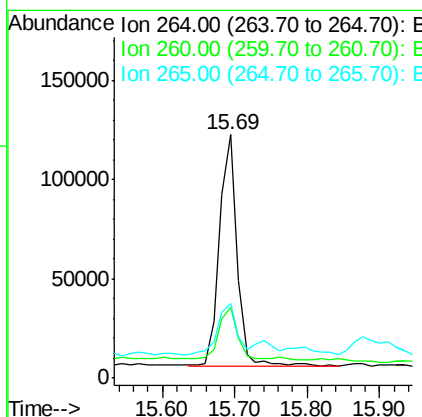
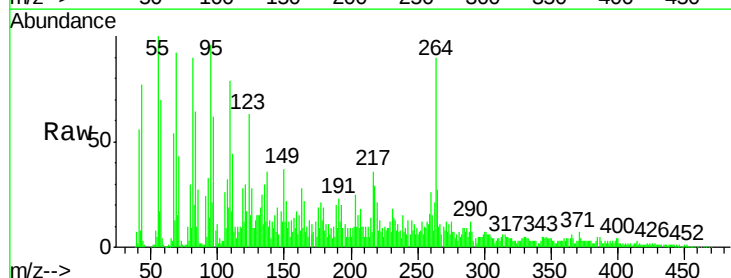
Manual Integrations
APPROVED

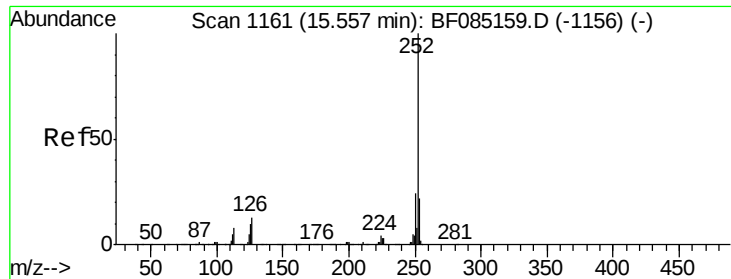
Sohil
3/4/2016 4:36:56 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1173
Delta R.T. 0.08 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	29.3	19.2	28.8#
265	30.7	17.3	25.9#





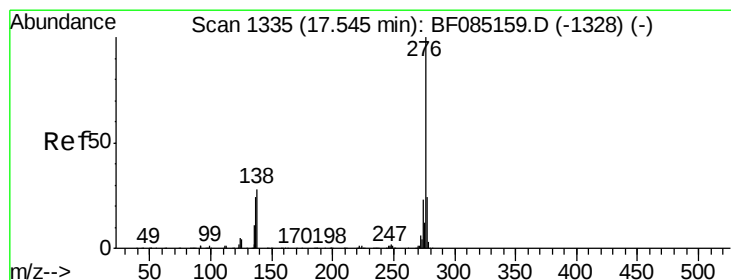
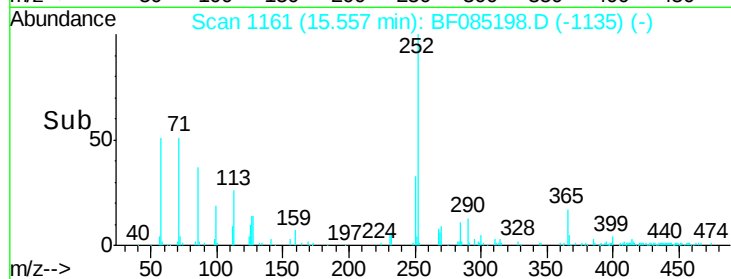
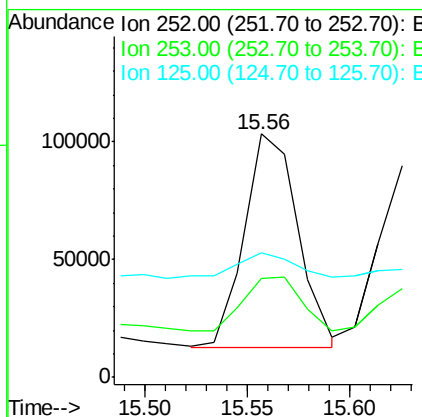
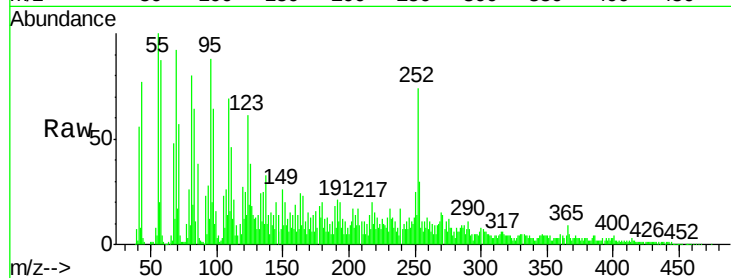
#89
Benzo(a)pyrene
Concen: 15.02 ng m
RT: 15.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.8	17.4	26.0#
125	51.3	8.2	12.4#

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:56 PM



#91
Benzo(g,h,i)perylene
Concen: 5.29 ng
RT: 17.66 min Scan# 1345
Delta R.T. 0.11 min
Lab File: BF085198.D
Acq: 4 Mar 2016 11:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.8	19.0	28.4#
138	52.6	22.5	33.7#

