

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085289.D
 Acq On : 9 Mar 2016 6:58
 Operator : UM/SJ
 Sample : H1712-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5

Manual Integrations
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Quant Time: Mar 09 08:05:43 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	6.96	152	171476	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	619640	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	257972	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	399248	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	313813	20.00	ng	-0.03
86) Perylene-d12	15.59	264	326933	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1327769	129.88	ng	0.00
7) Phenol-d6	6.58	99	1545669	115.41	ng	-0.02
23) Nitrobenzene-d5	7.52	82	867858	74.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	260636	118.08	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1341081	79.06	ng	-0.02
78) Terphenyl-d14	13.07	244	816011	60.36	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	341240	17.23	ng	98
70) Phenanthrene	11.51	178	108179	5.17	ng	96
74) Fluoranthene	12.70	202	218524	10.41	ng	95
77) Pyrene	12.93	202	218217	9.24	ng	96
80) Benzo(a)anthracene	14.11	228	129135	6.87	ng	98
82) Chrysene	14.15	228	98325m	5.67	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	41833	2.97	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	62857	4.64	ng	95
87) Benzo(b)fluoranthene	15.16	252	175108m	8.04	ng	
89) Benzo(a)pyrene	15.52	252	109903	6.09	ng	# 94
91) Benzo(g,h,i)perylene	17.49	276	59580	3.84	ng	98

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

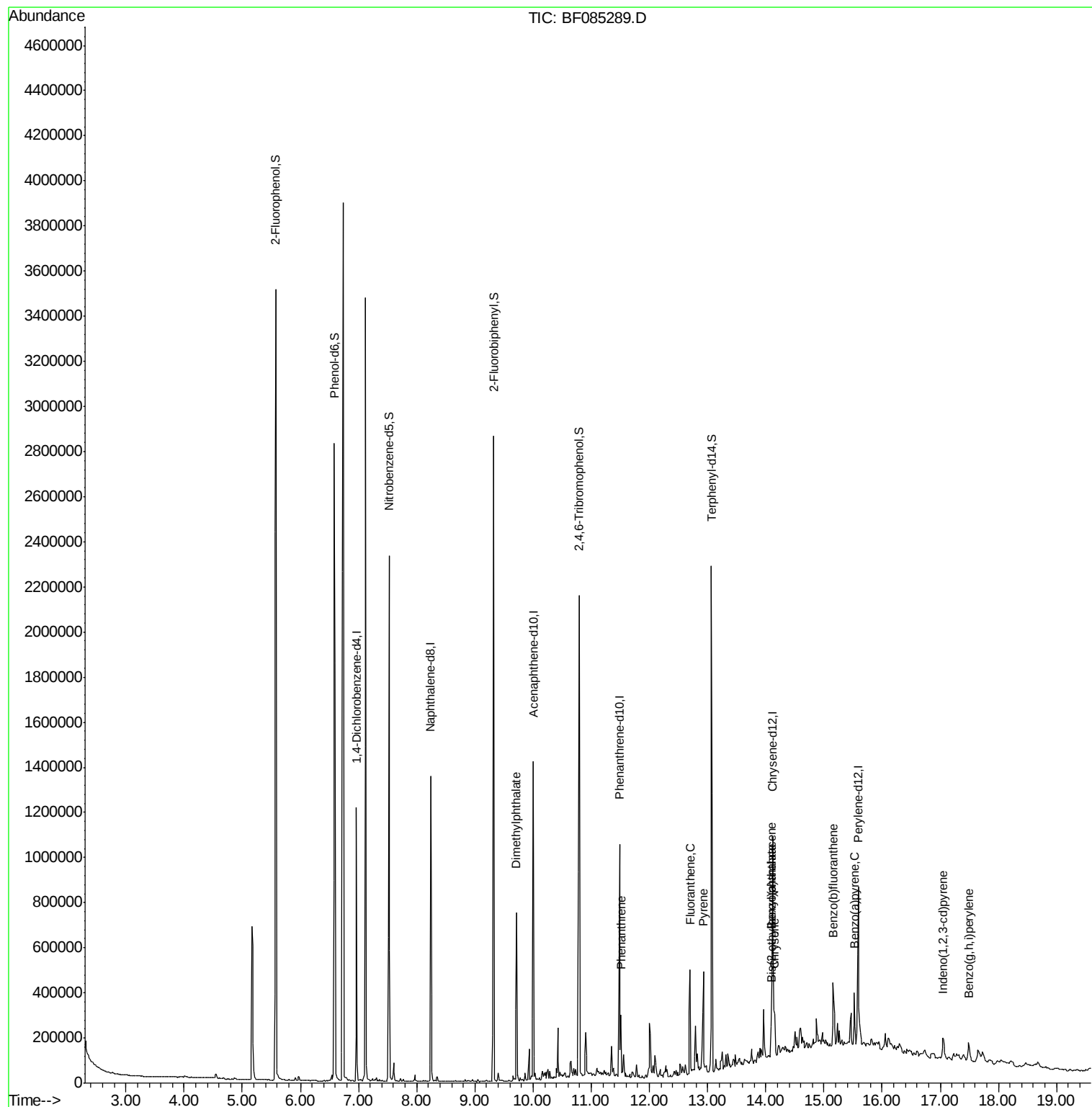
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085289.D
Acq On : 9 Mar 2016 6:58
Operator : UM/SJ
Sample : H1712-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

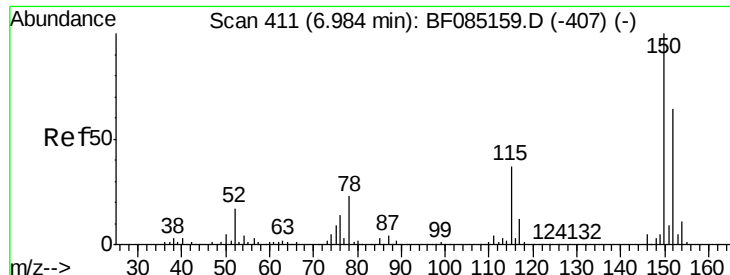
Instrument :
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SB-43-COMP-0.5-2.5

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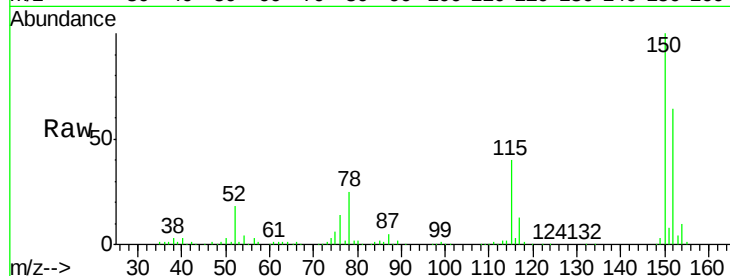
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

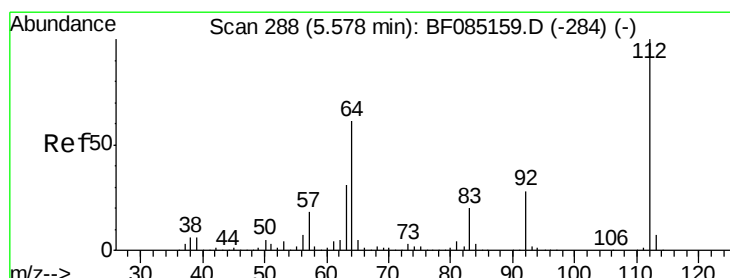
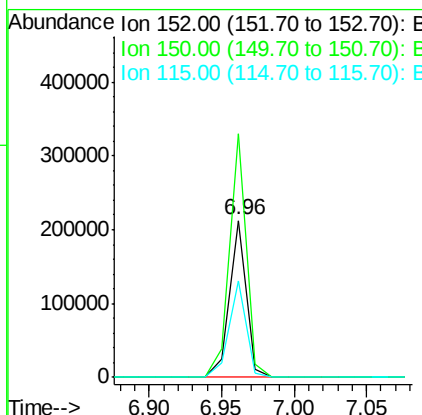
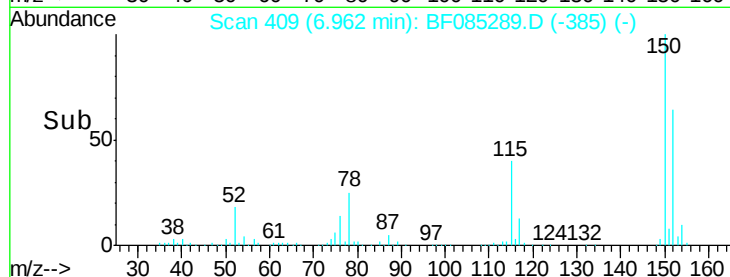
Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	62.0	46.6	70.0

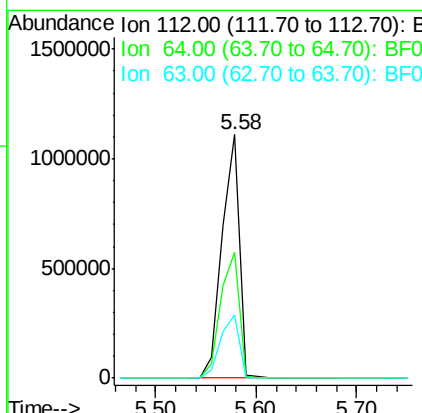
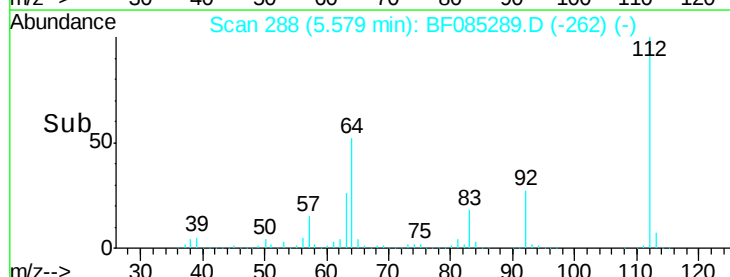
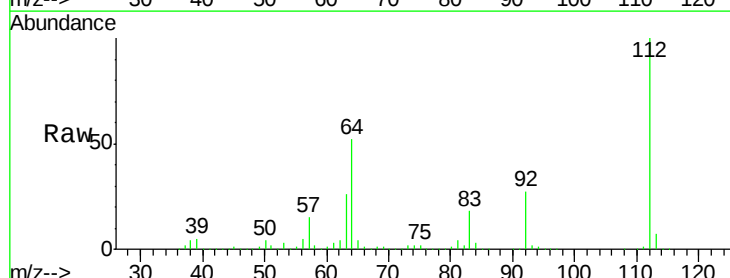
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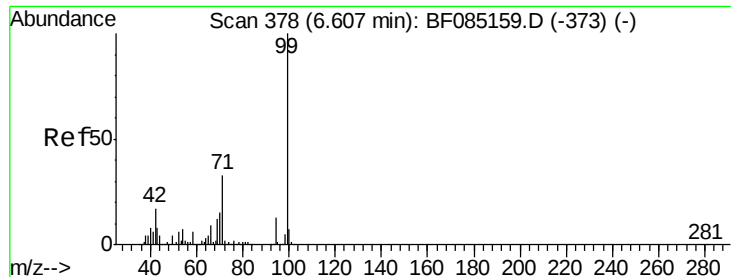
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#5
 2-Fluorophenol
 Concen: 129.88 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	49.0	73.4
63	25.7	24.8	37.2





#7

Phenol-d6

Concen: 115.41 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085289.D

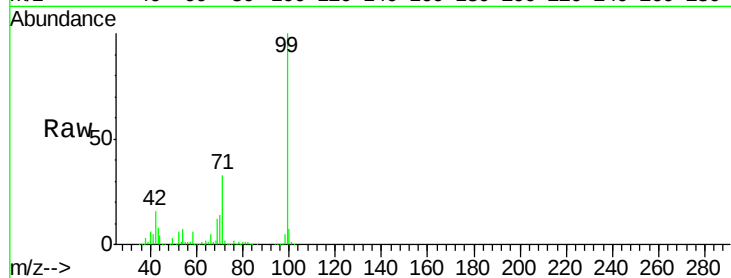
Acq: 9 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

SB-43-COMP-0.5-2.5



Tgt Ion: 99 Resp: 1545669

Ion Ratio Lower Upper

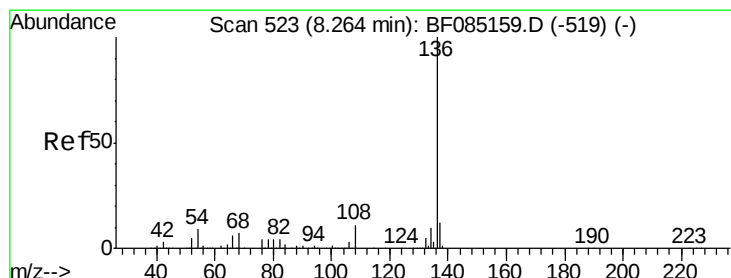
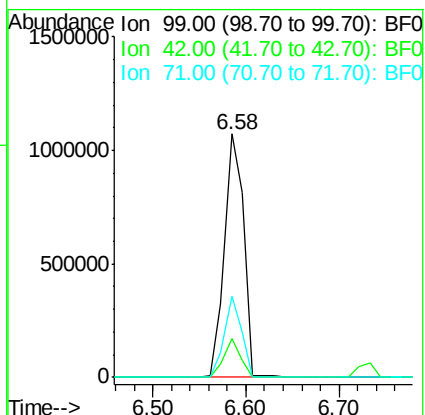
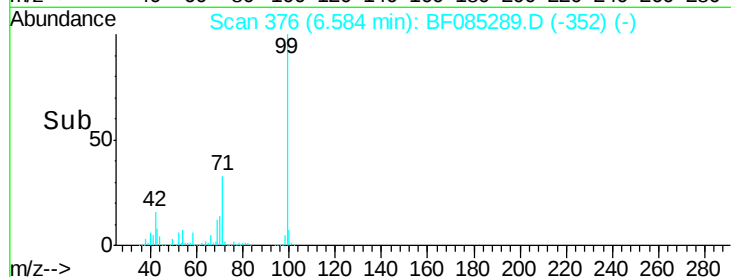
99 100

42 16.0 13.6 20.4

71 33.1 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085289.D

Acq: 9 Mar 2016 6:58

Tgt Ion: 136 Resp: 619640

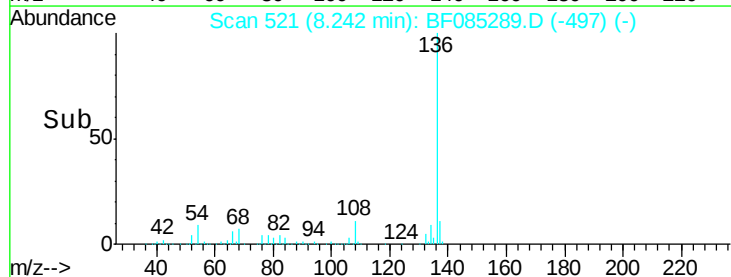
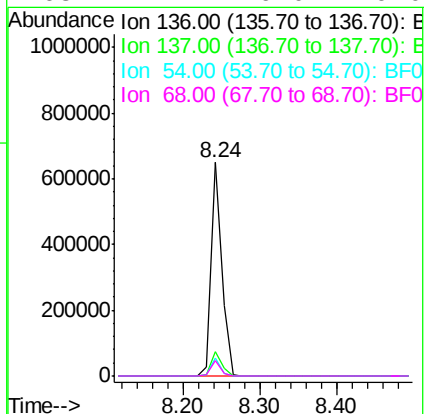
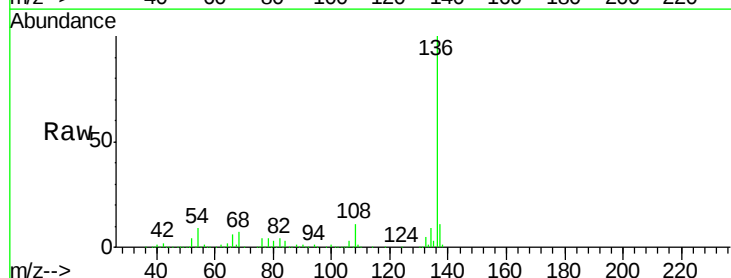
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.7 7.4 11.2

68 7.1 6.0 9.0





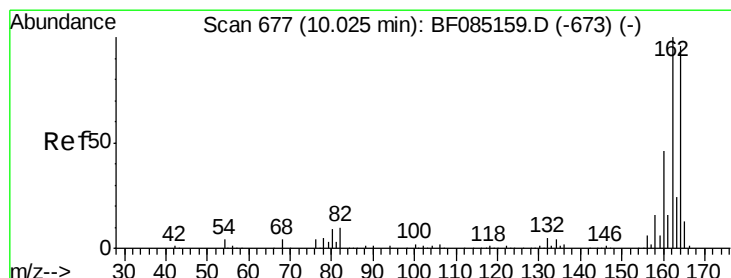
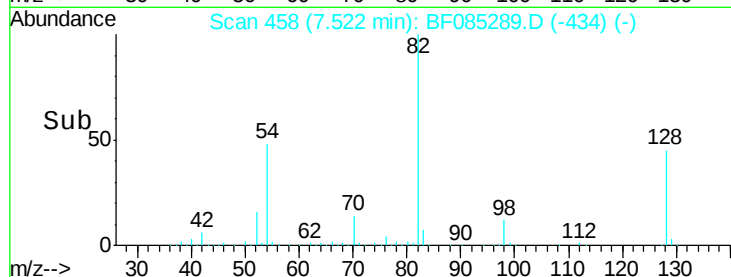
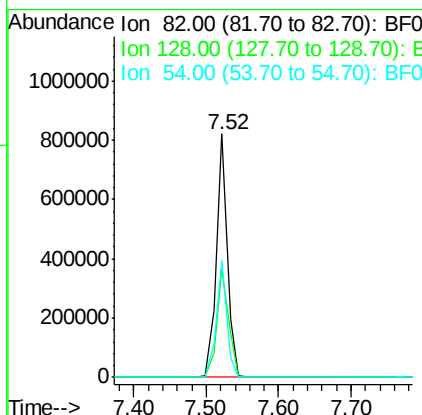
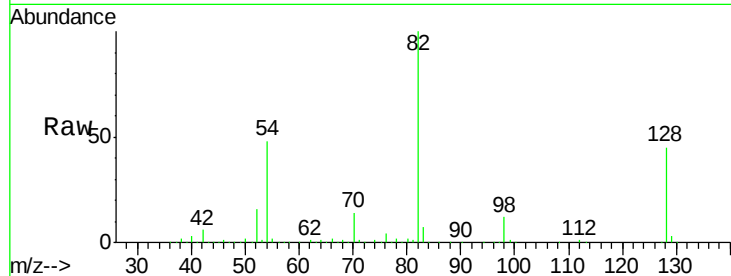
#23
 Nitrobenzene-d5
 Concen: 74.95 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	867858		
128	44.6	34.5	51.7	
54	47.8	39.3	58.9	

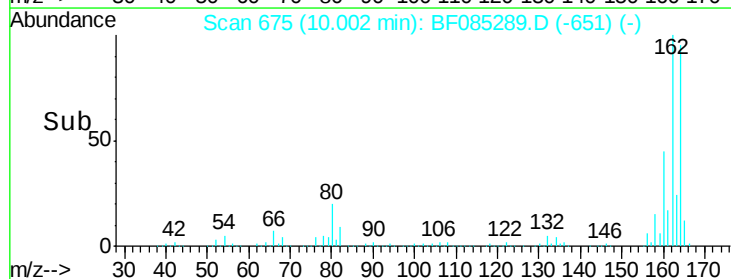
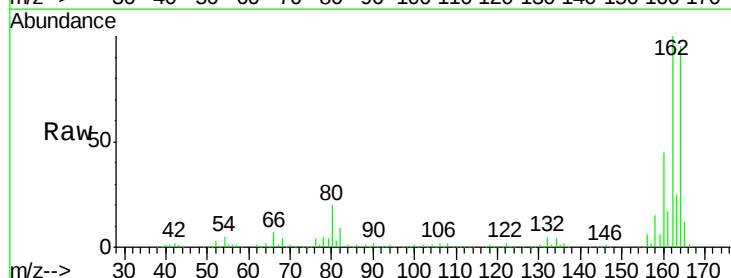
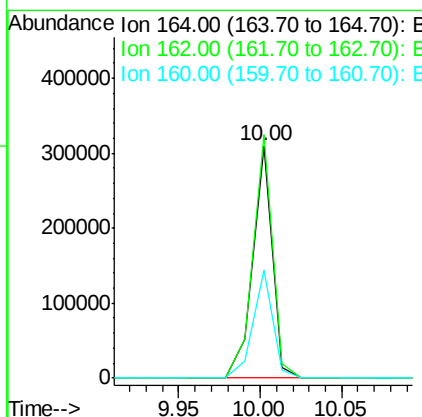
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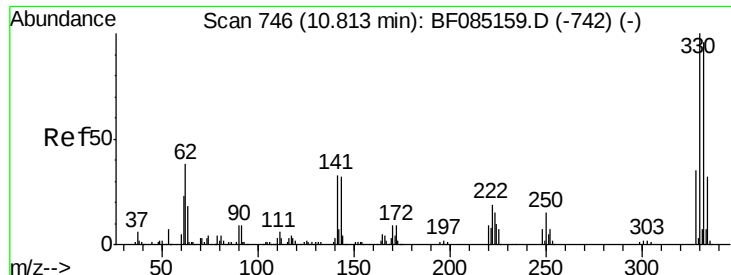
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

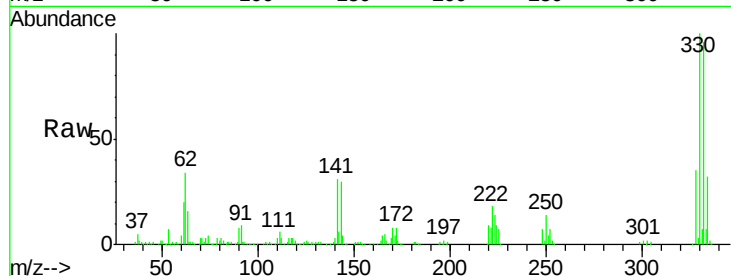
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257972		
162	104.8	83.3	124.9	
160	46.7	37.9	56.9	





#41
 2,4,6-Tribromophenol
 Concen: 118.08 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

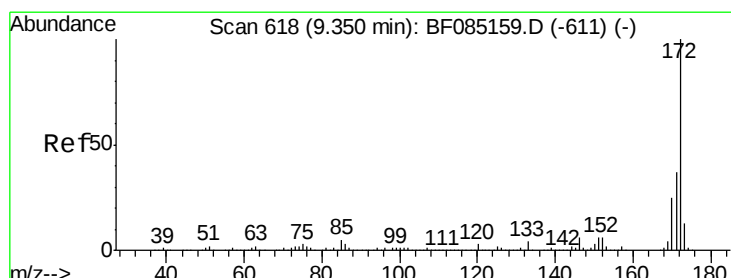
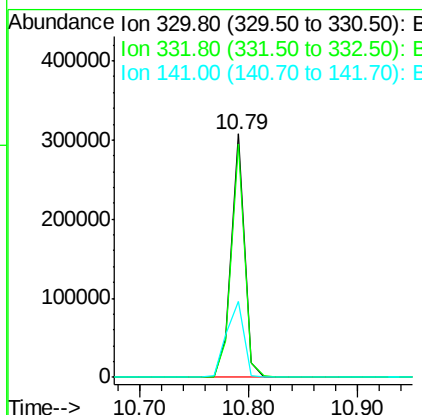
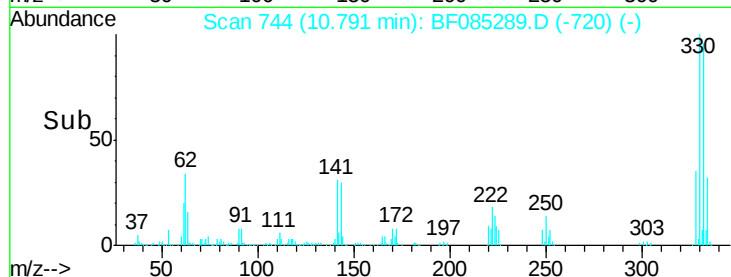
Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260636		
332	95.5	77.1	115.7	
141	41.2	35.0	52.6	

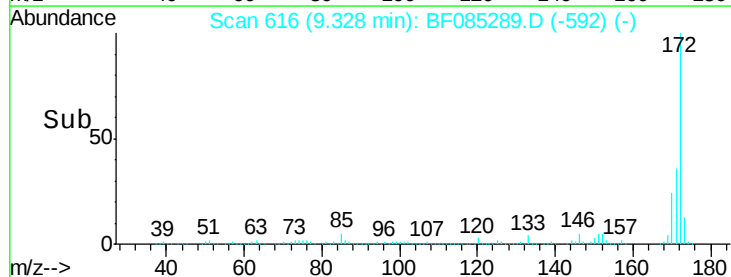
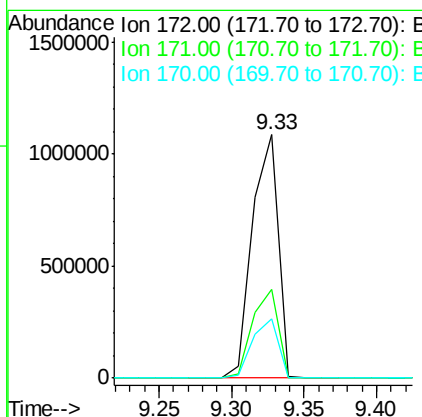
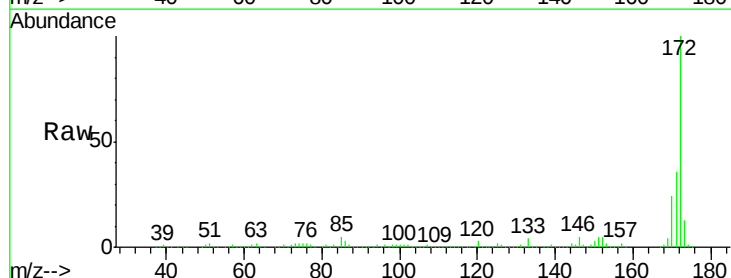
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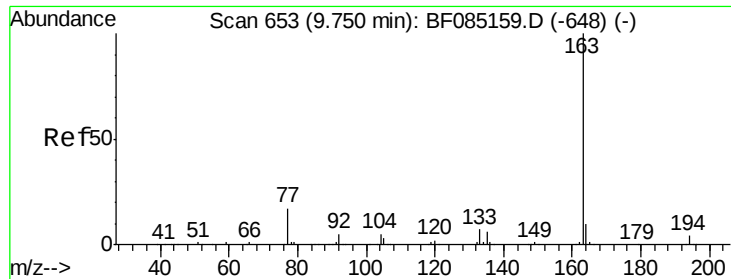
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#44
 2-Fluorobiphenyl
 Concen: 79.06 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1341081		
171	36.3	29.3	43.9	
170	24.4	20.0	30.0	





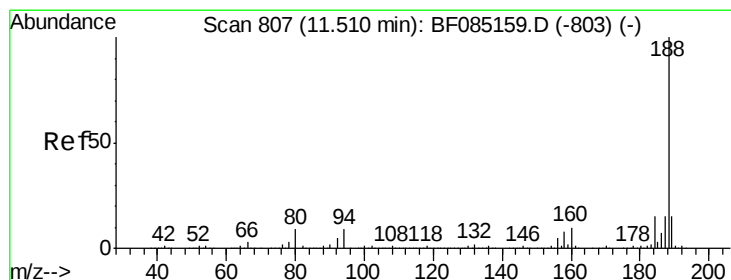
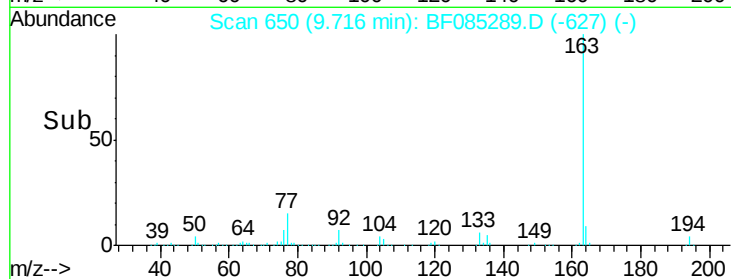
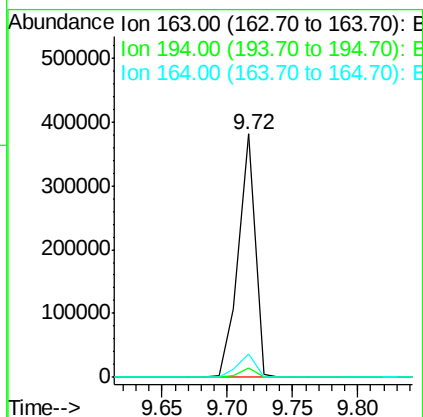
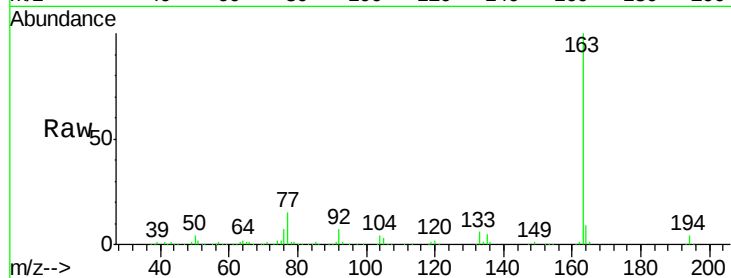
#49
Dimethylphthalate
Concen: 17.23 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SB-43-COMP-0.5-2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.1	4.7
164	9.4	8.2	12.4

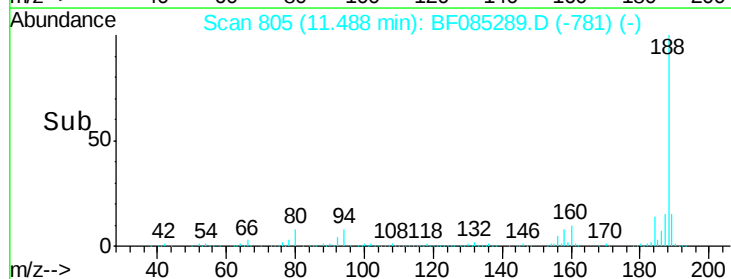
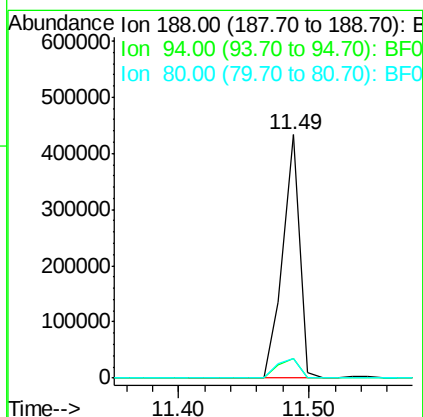
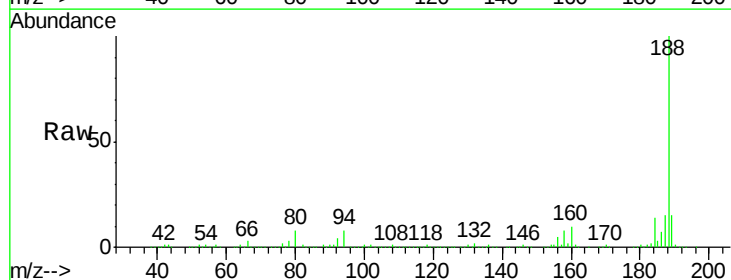
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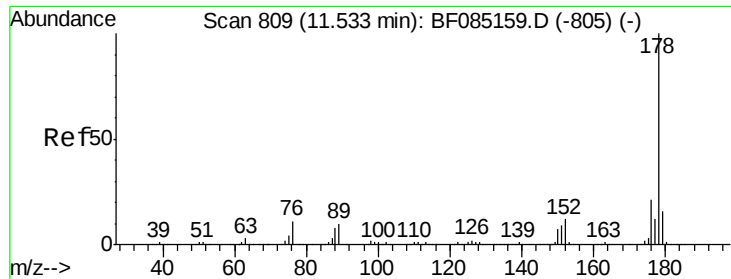
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	7.0	10.6
80	7.9	7.4	11.0





#70

Phenanthrene

Concen: 5.17 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF085289.D

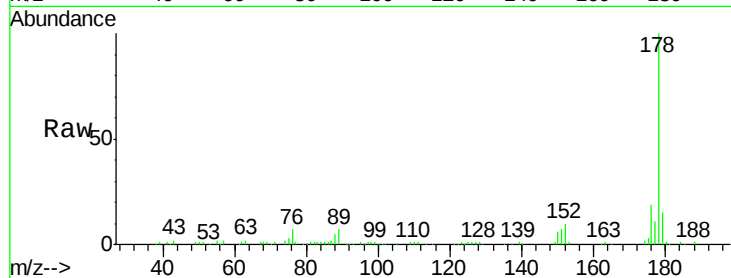
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Instrument :

BNA_F

ClientSampleId :

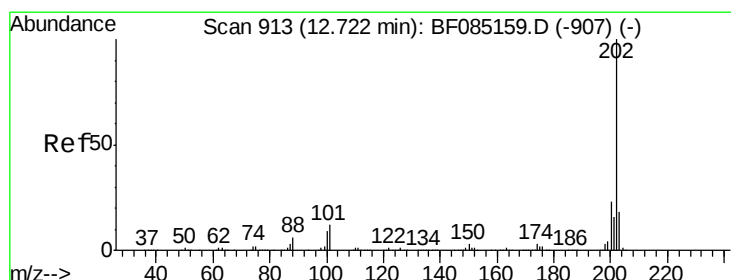
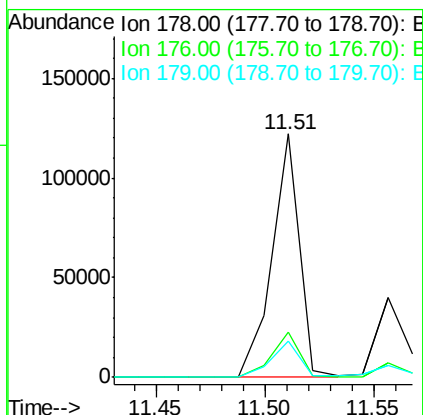
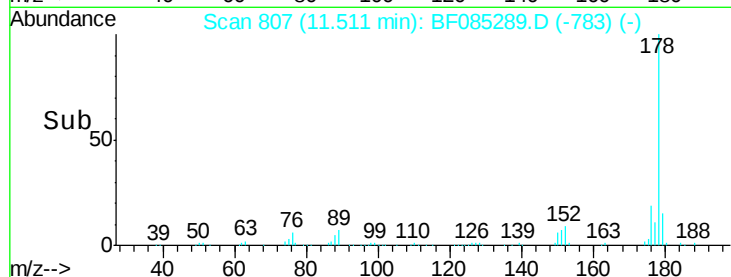
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.8	25.2
179	15.1	13.1	19.7

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#74

Fluoranthene

Concen: 10.41 ng

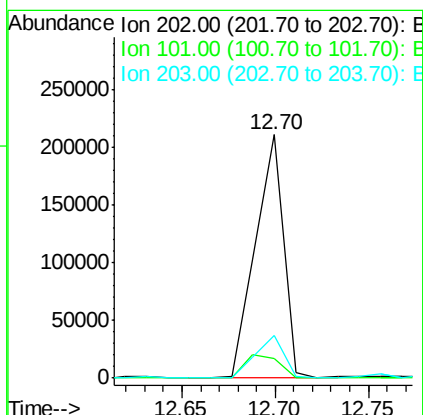
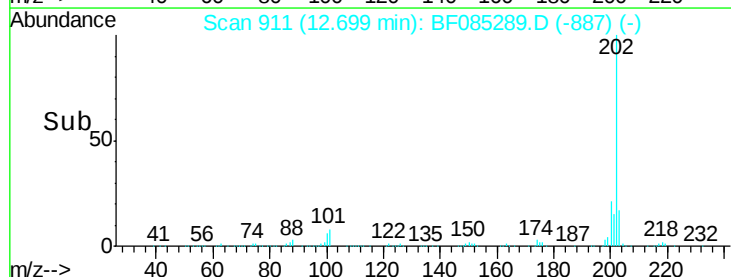
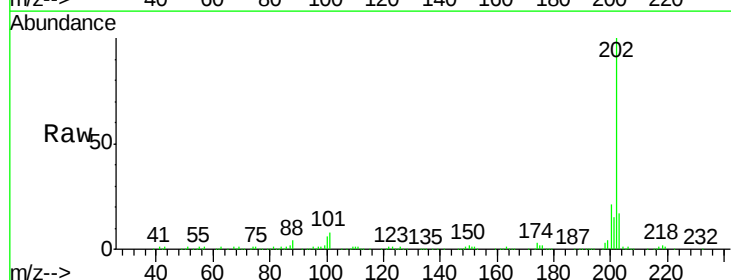
RT: 12.70 min Scan# 911

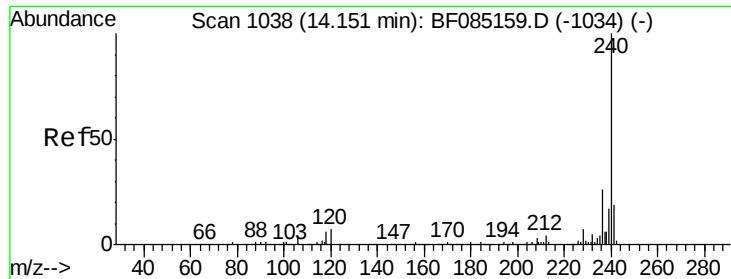
Delta R.T. -0.02 min

Lab File: BF085289.D

Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	31.8
203	17.4	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085289.D

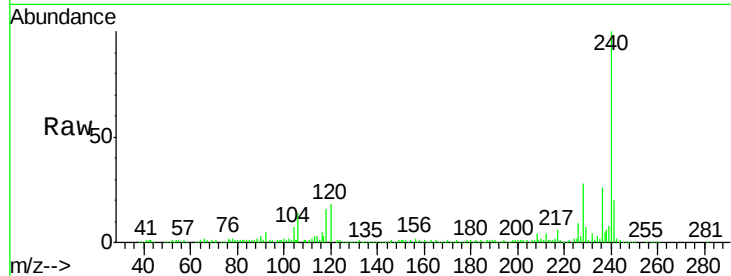
Acq: 9 Mar 2016 6:58

Instrument :

BNA_F

ClientSampleId :

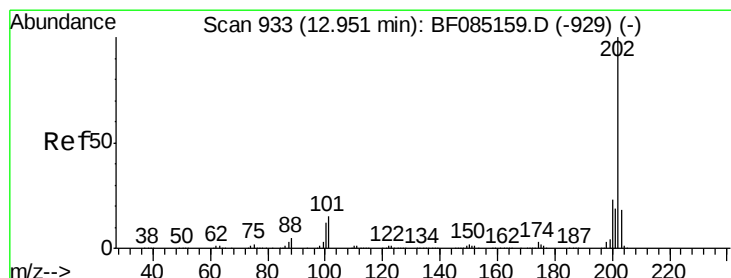
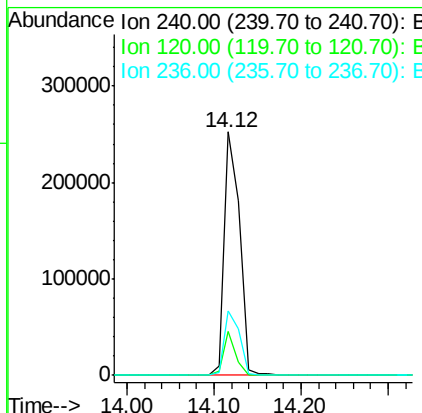
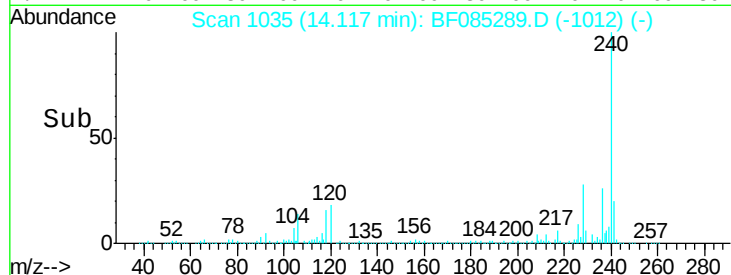
SB-43-COMP-0.5-2.5



Tgt Ion:	240	Resp:	313813
Ion Ratio	Lower	Upper	
240	100		
120	18.0	5.3	7.9#
236	26.3	20.7	31.1

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#77

Pyrene

Concen: 9.24 ng

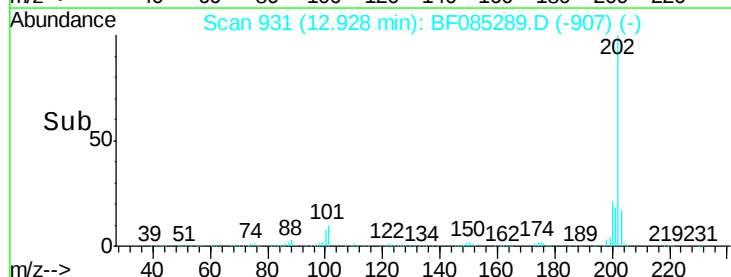
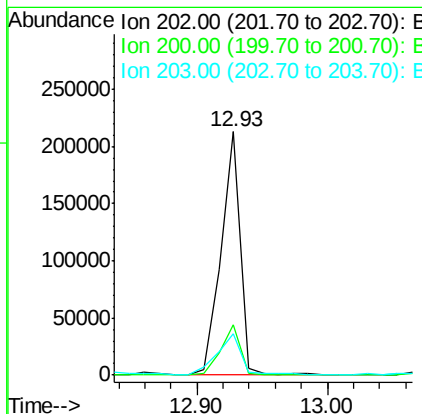
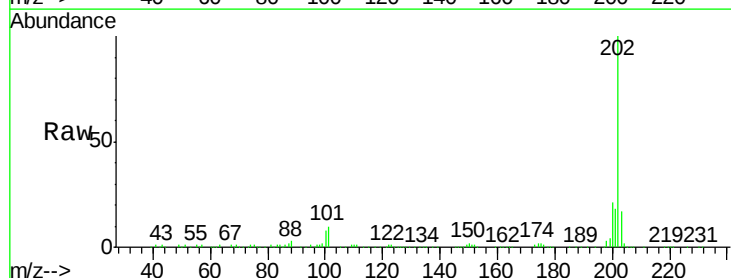
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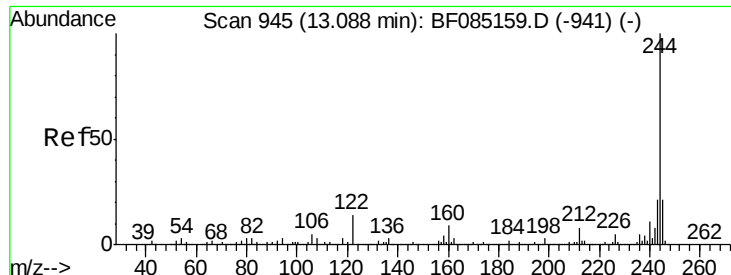
Delta R.T. -0.02 min

Lab File: BF085289.D

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Tgt Ion:	202	Resp:	218217
Ion Ratio	Lower	Upper	
202	100		
200	20.9	18.2	27.4
203	17.0	14.7	22.1





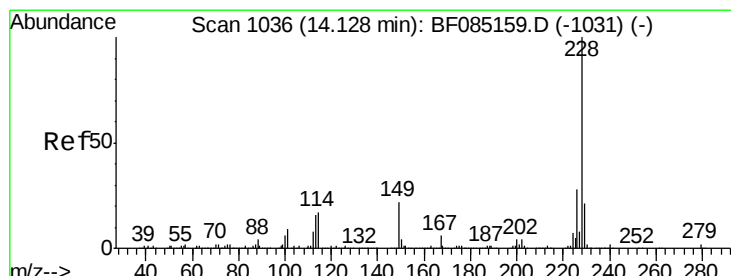
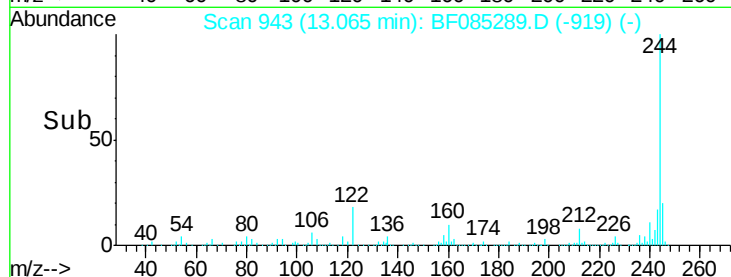
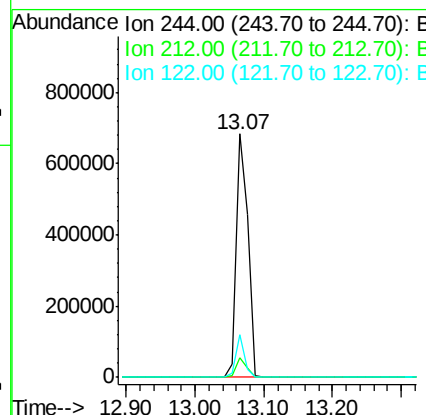
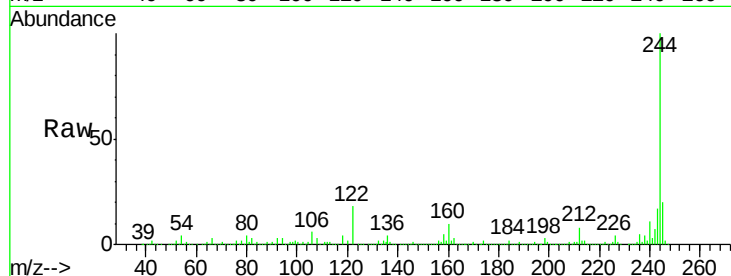
#78
 Terphenyl-d14
 Concen: 60.36 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	6.4	9.6
122	17.7	11.4	17.2

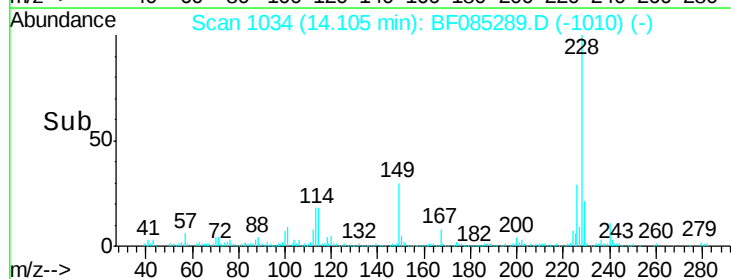
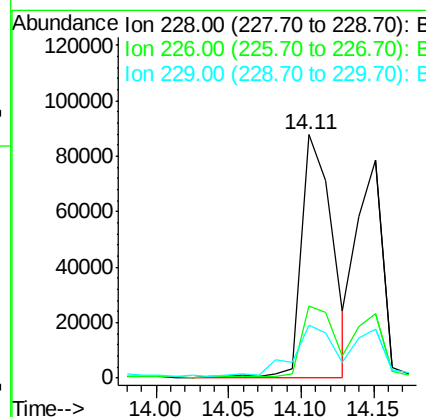
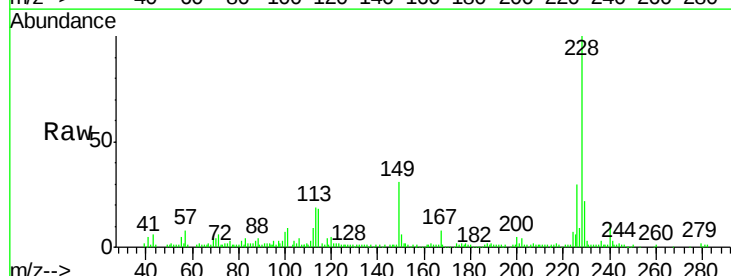
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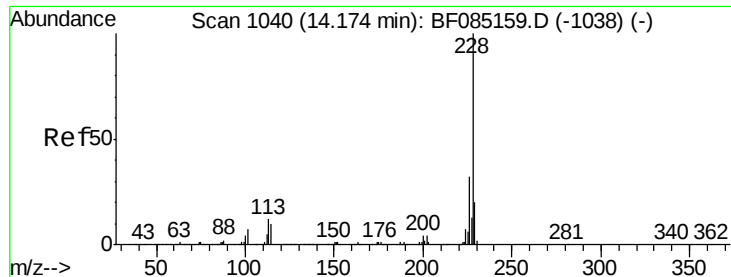
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#80
 Benzo(a)anthracene
 Concen: 6.87 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.8	34.2
229	21.9	16.6	24.8





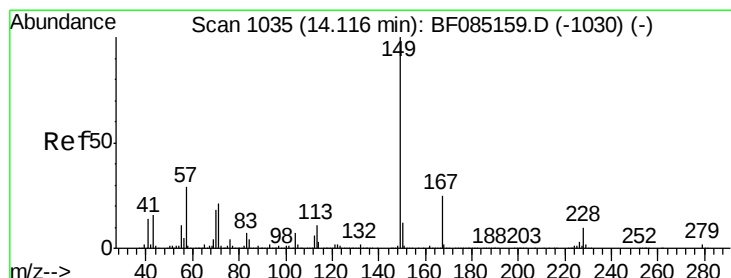
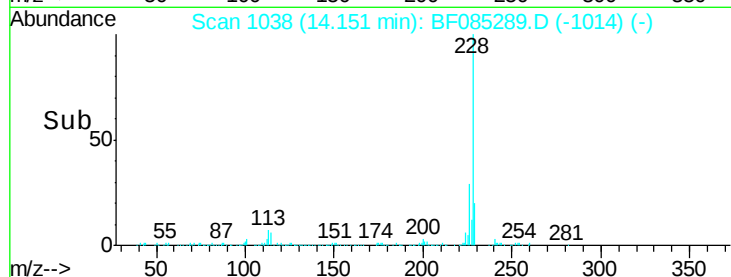
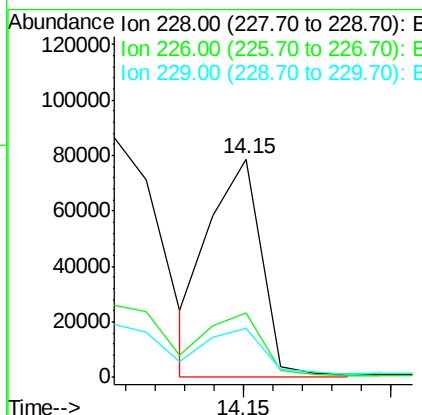
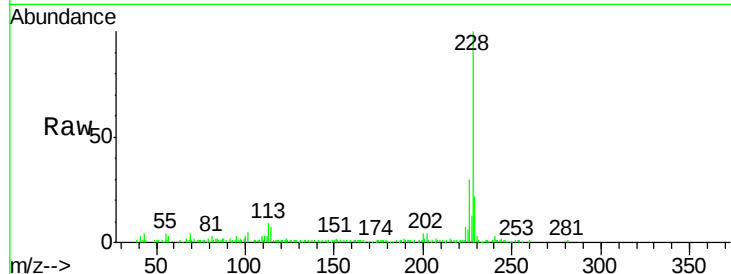
#82
Chrysene
Concen: 5.67 ng m
RT: 14.15 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SB-43-COMP-0.5-2.5

Tgt Ion:	228	Resp:	98325
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.2	37.8
229	22.4	16.0	24.0

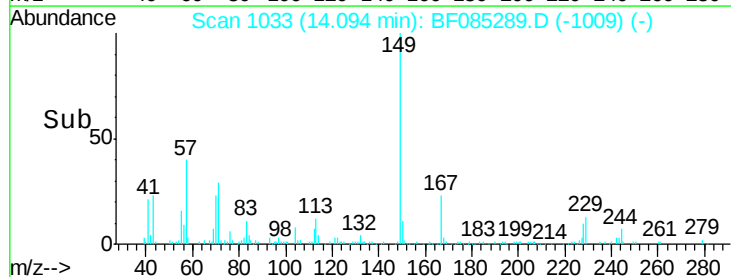
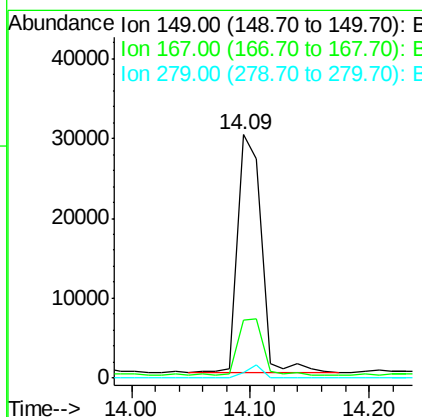
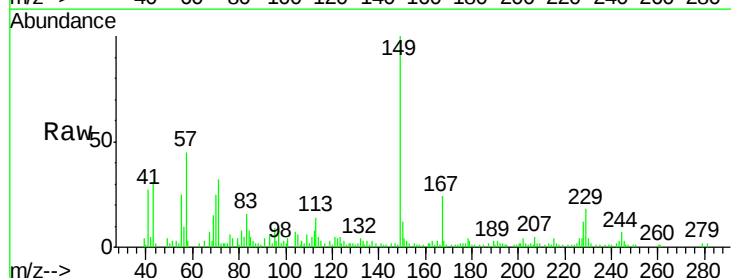
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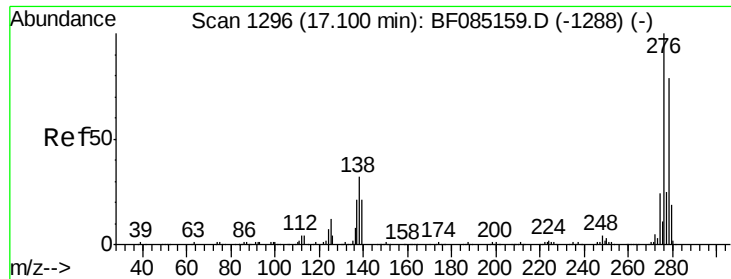
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.97 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Tgt Ion:	149	Resp:	41833
Ion Ratio	Lower	Upper	
149	100		
167	23.6	20.3	30.5
279	2.3	1.9	2.9





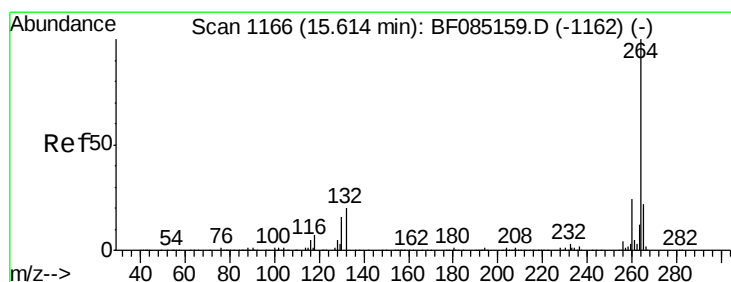
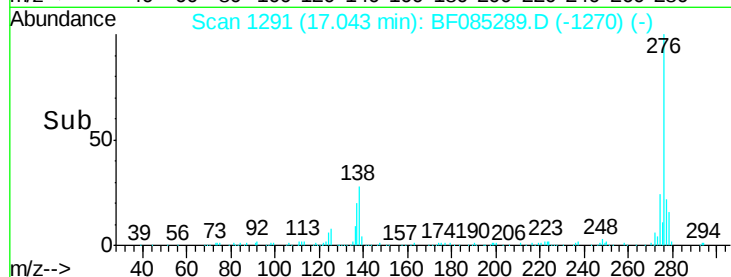
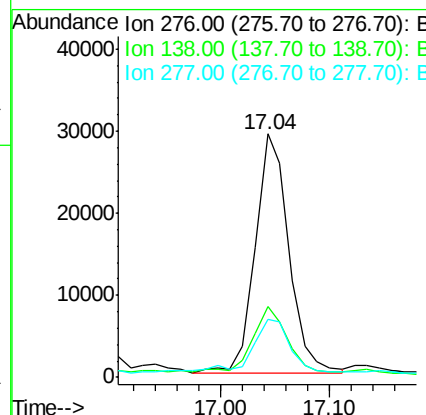
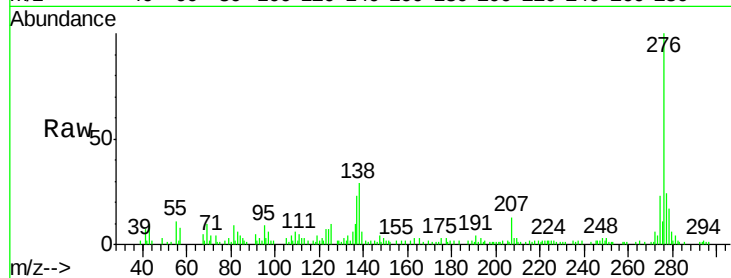
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.64 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SB-43-COMP-0.5-2.5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	26.4	39.6
277	26.0	20.2	30.2

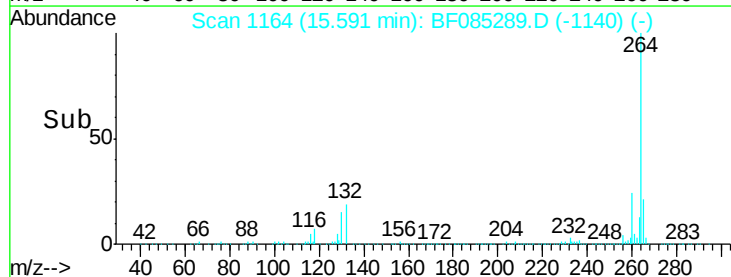
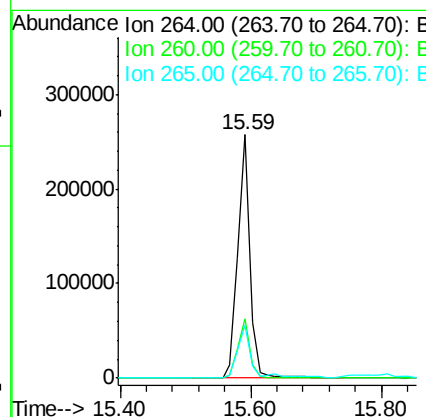
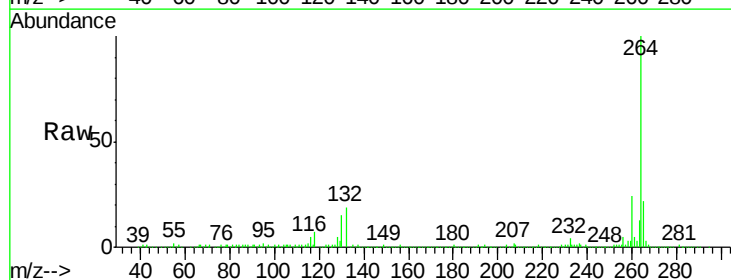
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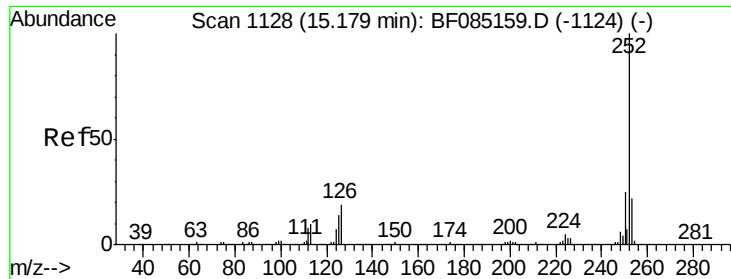
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.3	25.9





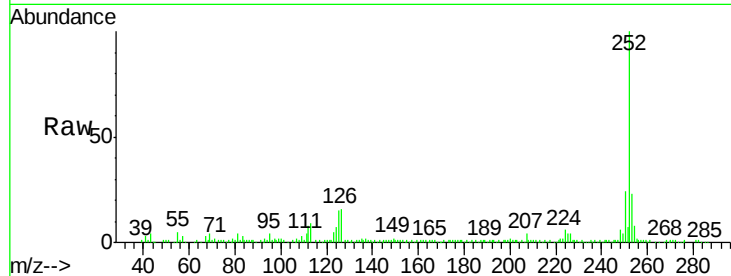
#87
Benzo(b)fluoranthene
Concen: 8.04 ng m
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Instrument :
BNA_F
ClientSampleId :
SB-43-COMP-0.5-2.5

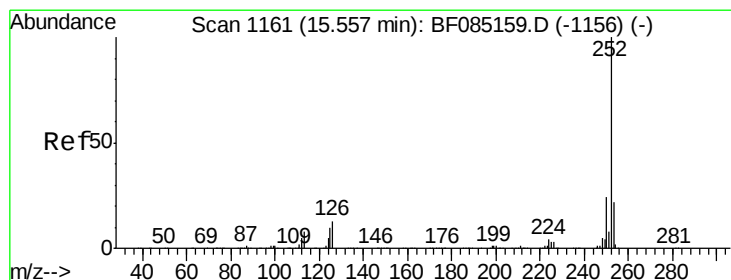
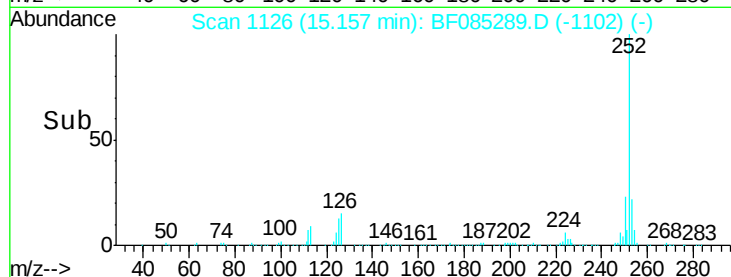
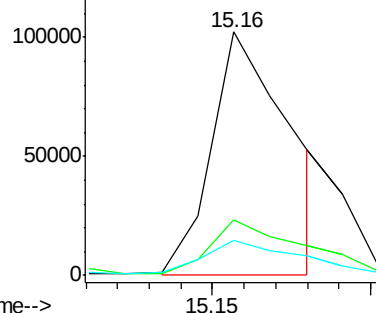
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	175108		
253	22.9	17.8	26.6	
125	14.6	11.3	16.9	

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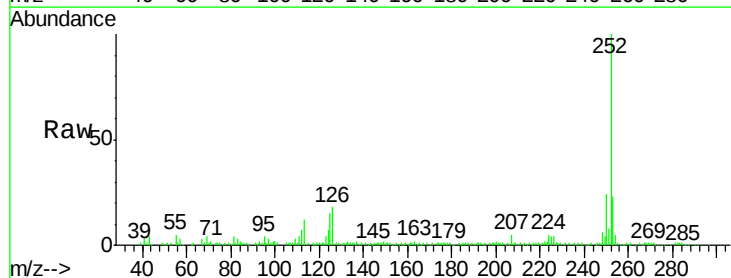


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

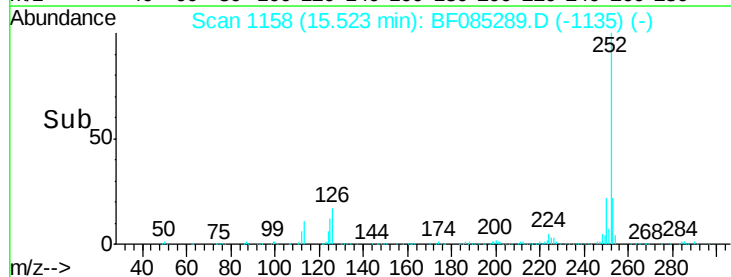
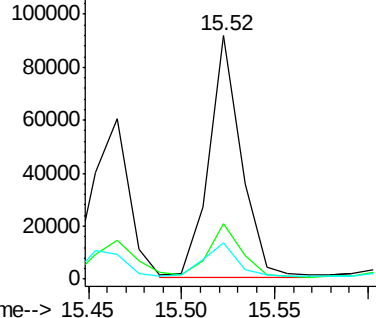


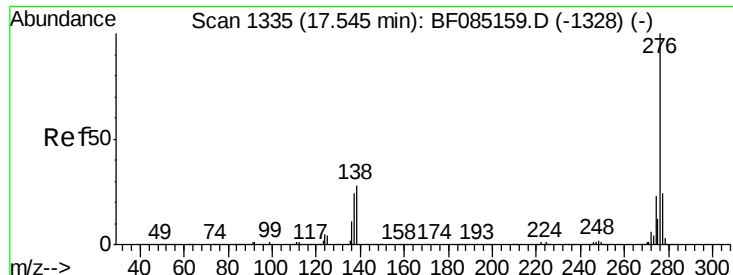
#89
Benzo(a)pyrene
Concen: 6.09 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085289.D
Acq: 9 Mar 2016 6:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	109903		
253	23.0	17.4	26.0	
125	14.8	8.2	12.4	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





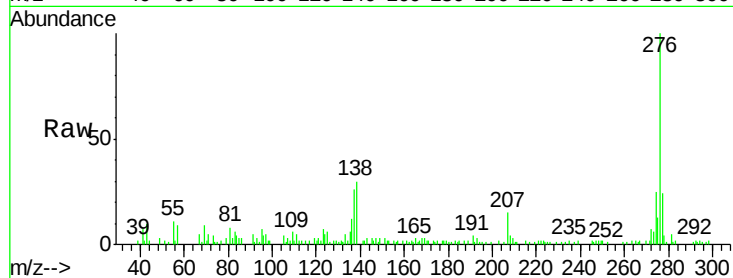
#91
 Benzo(g,h,i)perylene
 Concen: 3.84 ng
 RT: 17.49 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF085289.D
 Acq: 9 Mar 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP-0.5-2.5

Tgt Ion:	276	Resp:	59580
Ion Ratio		Lower	Upper
276	100		
277	24.2	19.0	28.4
138	29.6	22.5	33.7

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

