

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089498.D
 Acq On : 1 Aug 2016 6:30
 Operator : UM/SJ
 Sample : H4215-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Manual Integrations
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Quant Time: Aug 01 07:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	37764	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	134845	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	56389	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	111327	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	88512	20.00	ng	0.00
86) Perylene-d12	14.96	264	61597	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	255871	108.19	ng	0.01
7) Phenol-d6	6.16	99	329611	105.46	ng	-0.01
23) Nitrobenzene-d5	7.06	82	187541	82.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	48018	102.82	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	275385	71.67	ng	-0.01
78) Terphenyl-d14	12.58	244	256565	67.84	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.80	128	16160	2.42	ng	99
48) Acenaphthylene	9.38	152	64231	11.31	ng	98
49) Dimethylphthalate	9.26	163	47543	11.08	ng	97
51) Acenaphthene	9.55	154	6857	2.07	ng	99
57) Fluorene	10.07	166	25254	6.40	ng	98
70) Phenanthrene	11.02	178	127518	22.21	ng	98
71) Anthracene	11.07	178	61911	9.70	ng	100
72) Carbazole	11.23	167	17576	3.27	ng	# 93
74) Fluoranthene	12.21	202	279817	46.33	ng	98
77) Pyrene	12.42	202	236307	35.23	ng	98
80) Benzo(a)anthracene	13.61	228	135706	27.17	ng	# 86
82) Chrysene	13.65	228	98470m	18.52	ng	
83) Bis(2-ethylhexyl)phthalate	13.63	149	38227	8.67	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.15	276	54832	14.50	ng	98
87) Benzo(b)fluoranthene	14.62	252	125698m	32.86	ng	
88) Benzo(k)fluoranthene	14.63	252	42968m	12.22	ng	
89) Benzo(a)pyrene	14.91	252	81031	23.61	ng	96
90) Dibenzo(a,h)anthracene	16.15	278	15316	5.67	ng	# 80
91) Benzo(a,h,i)perylene	16.50	276	55282	20.80	ng	97

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

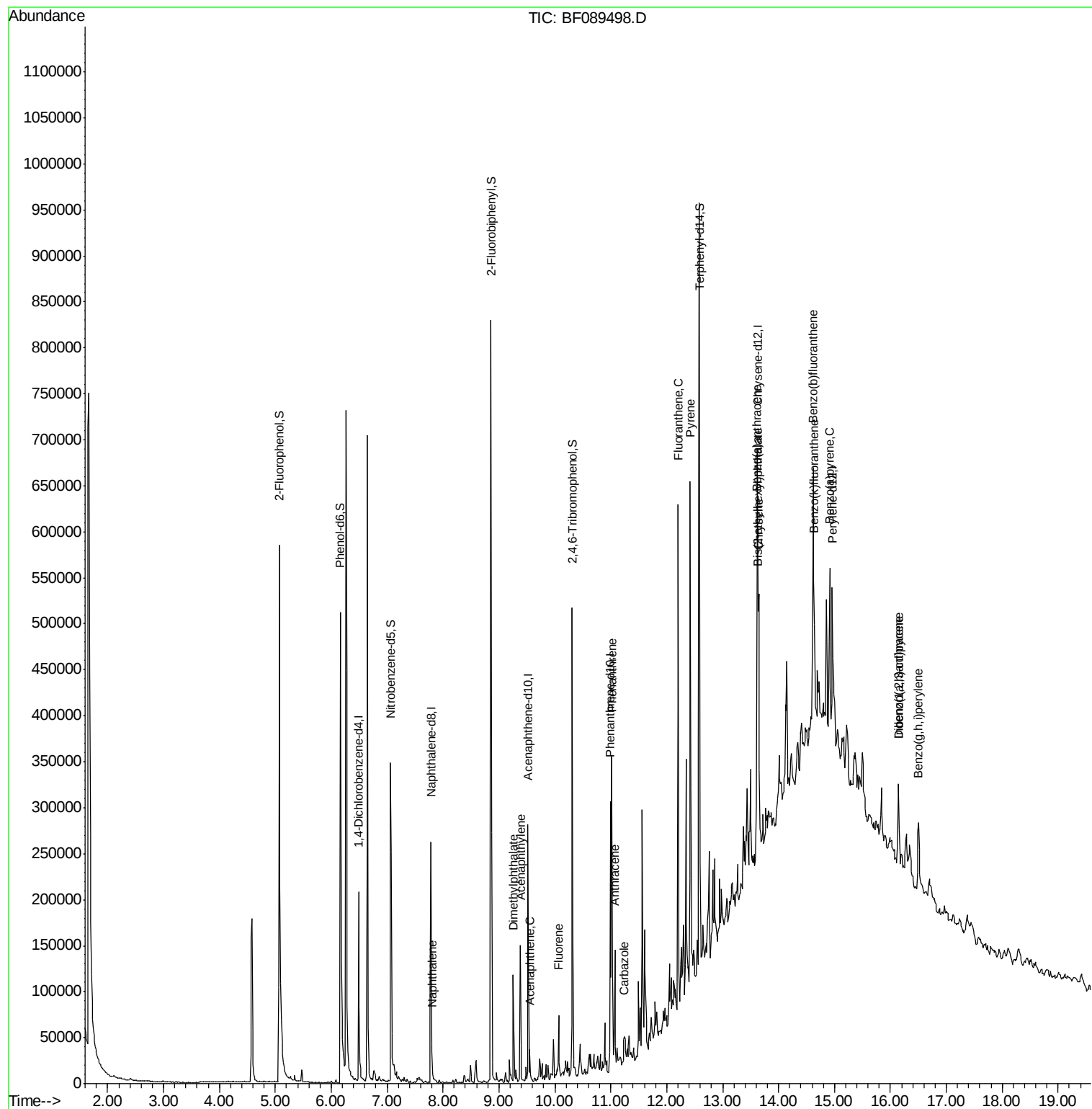
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089498.D
Acq On : 1 Aug 2016 6:30
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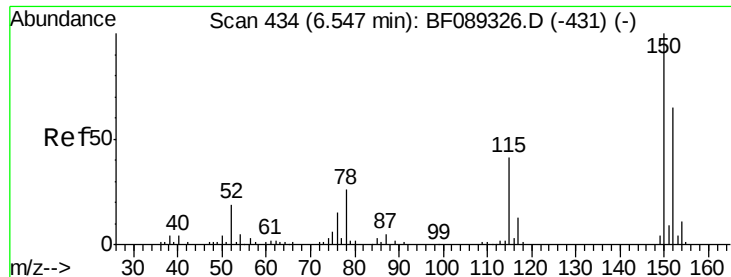
Instrument :
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Quant Time: Aug 01 07:33:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

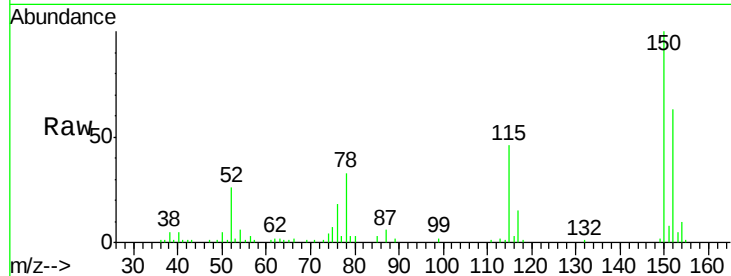
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

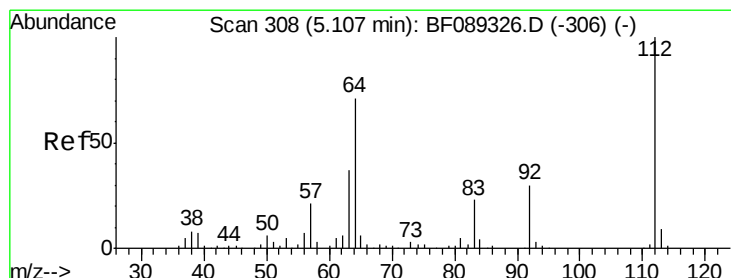
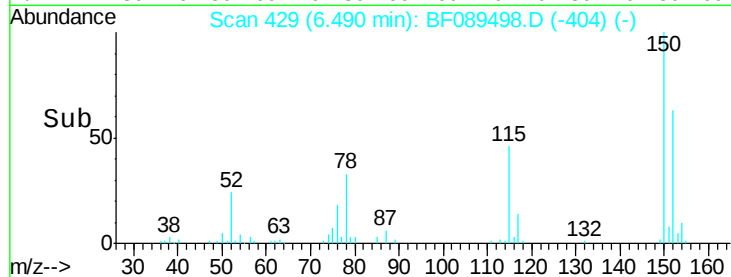
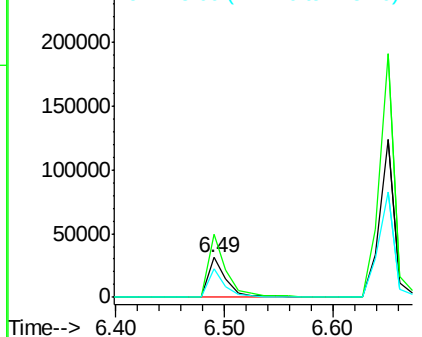
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.5	194.3
115	72.3	51.4	77.2

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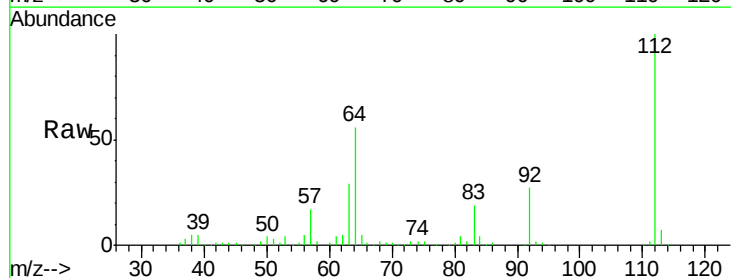
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



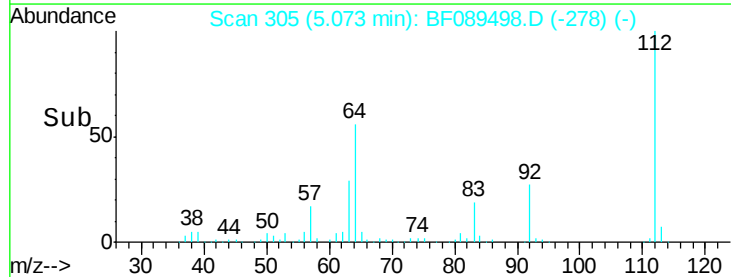
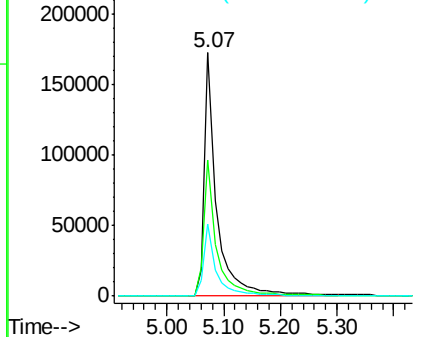
#5

2-Fluorophenol
Concen: 108.19 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	55.0	82.6
63	29.4	29.4	44.2



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: 105.46 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampleId :

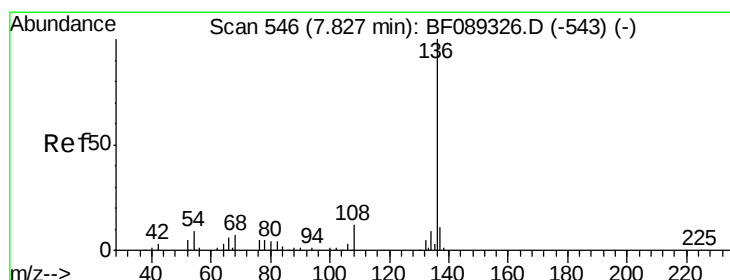
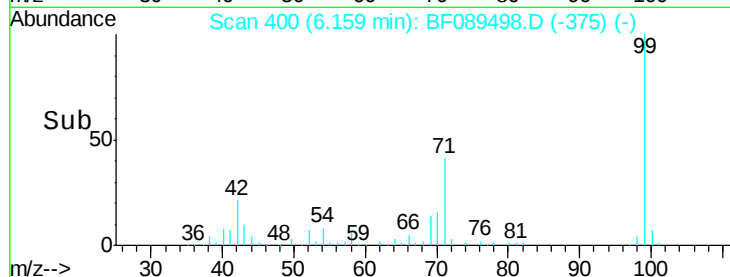
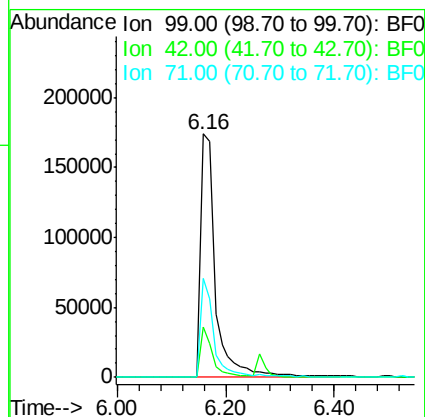
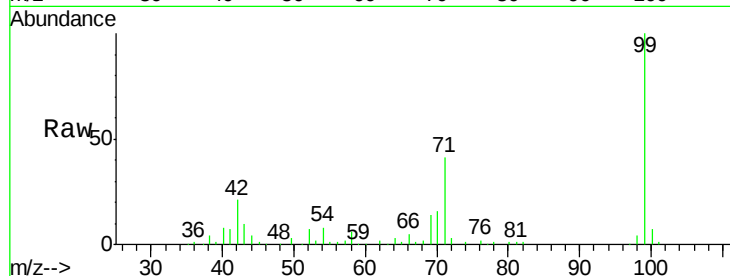
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Tot Ion: 99 Resp: 329611

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.6	20.4#
71	40.9	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

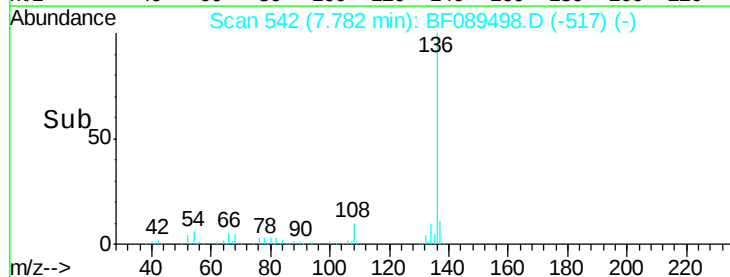
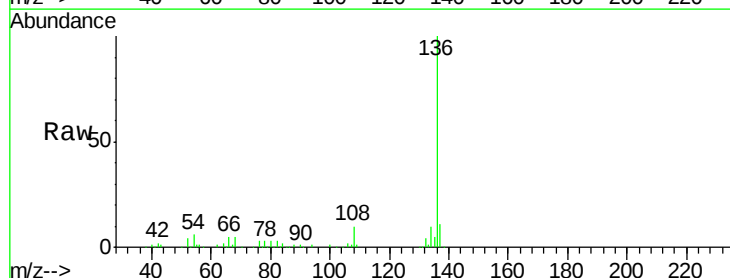
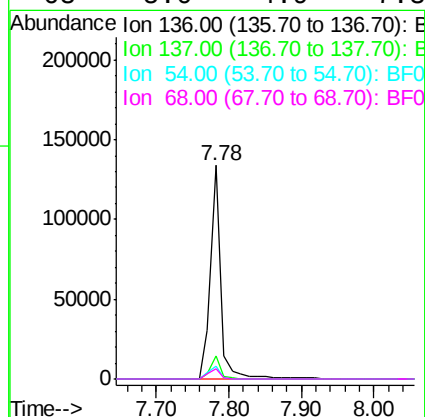
Delta R.T. -0.01 min

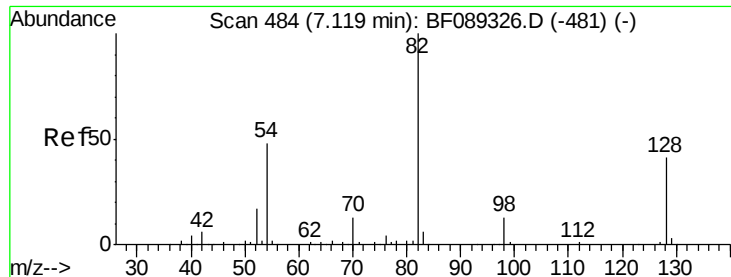
Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Tgt Ion: 136 Resp: 134845

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.1	7.0	10.4#
68	5.0	4.9	7.3





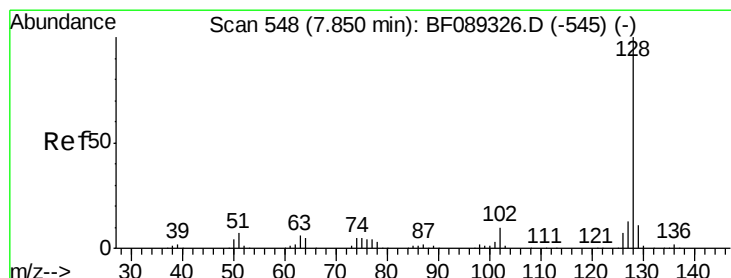
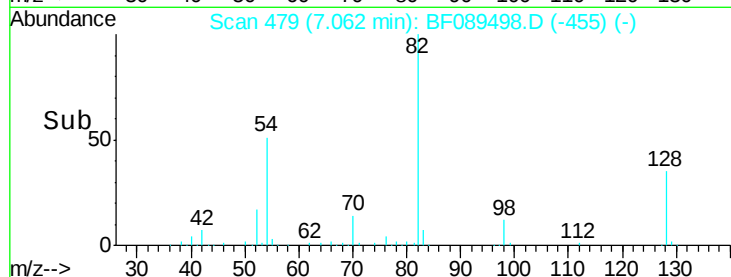
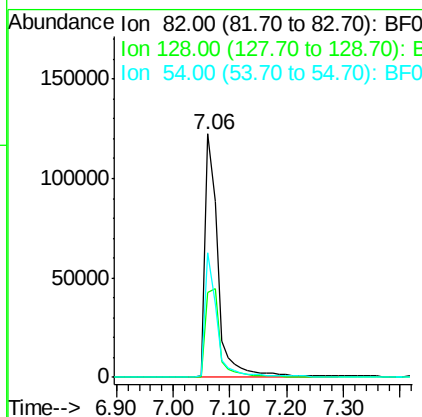
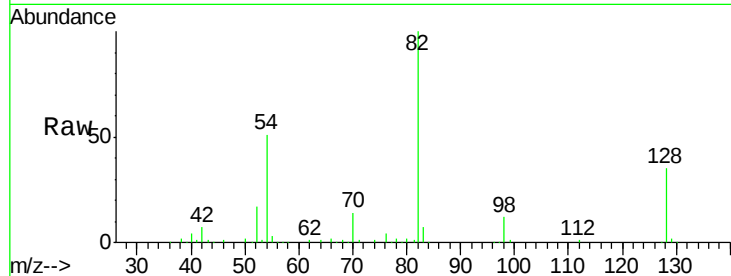
#23
Nitrobenzene-d5
Concen: 82.09 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100	187541		
128	34.7	32.5	48.7	
54	51.2	38.8	58.2	

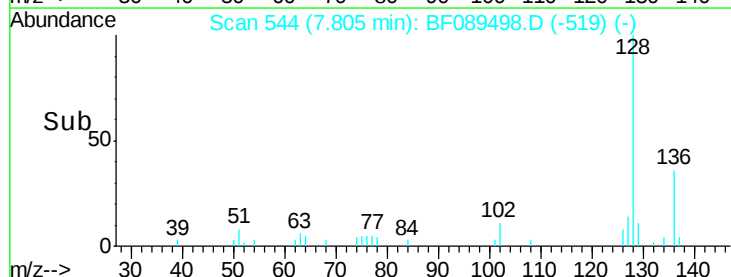
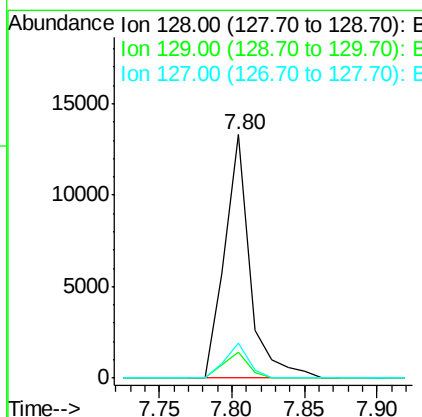
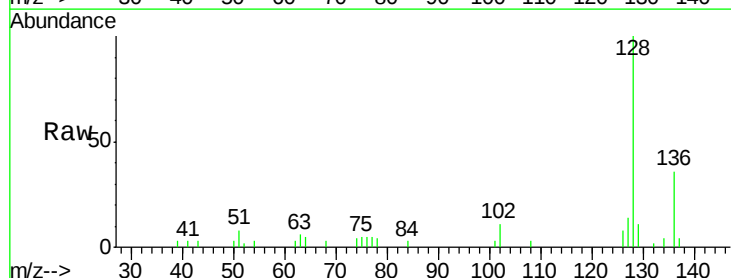
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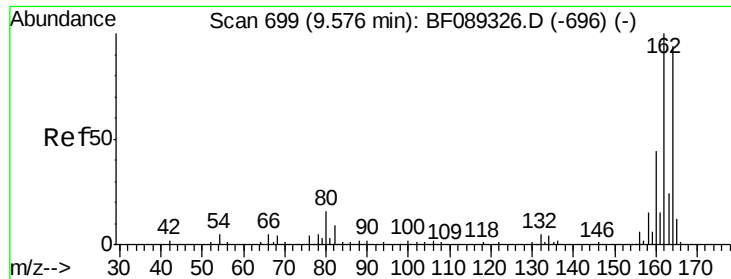
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#31
Naphthalene
Concen: 2.42 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF089498.D
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	16160		
129	10.8	8.8	13.2	
127	14.2	10.8	16.2	





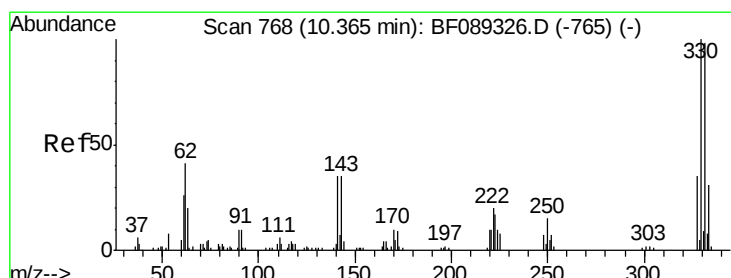
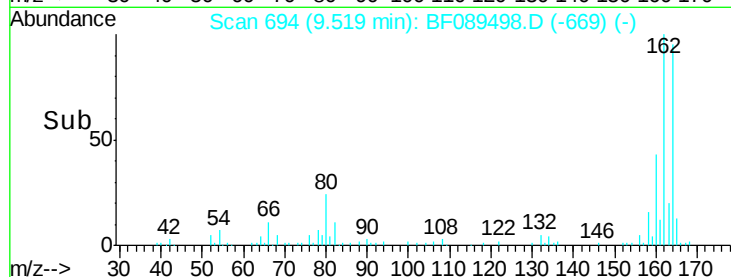
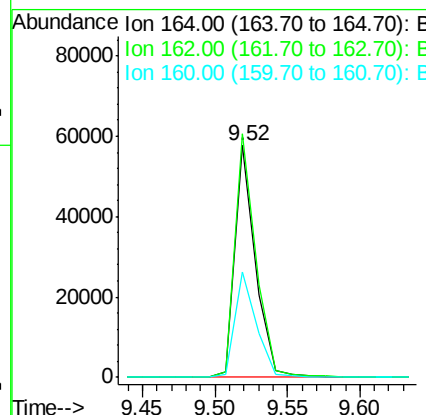
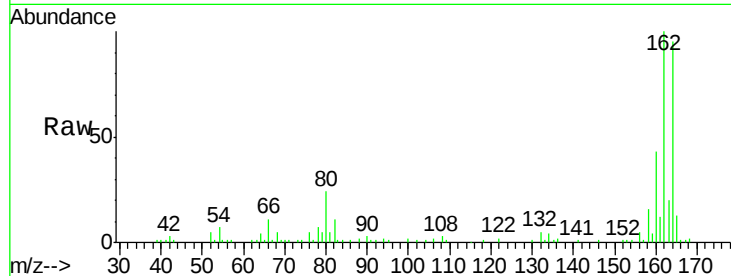
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.7	125.5
160	45.6	37.8	56.6

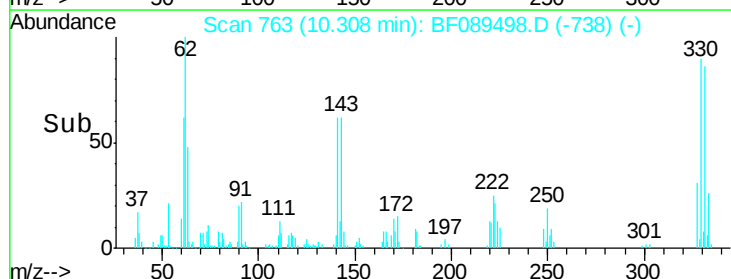
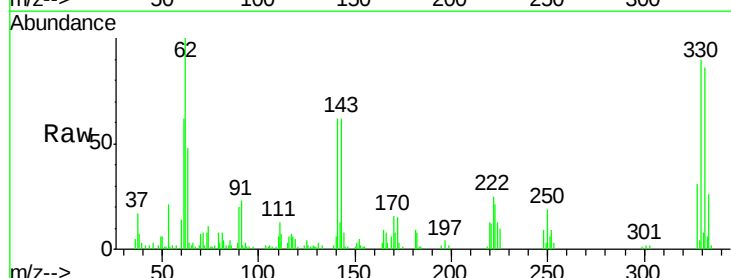
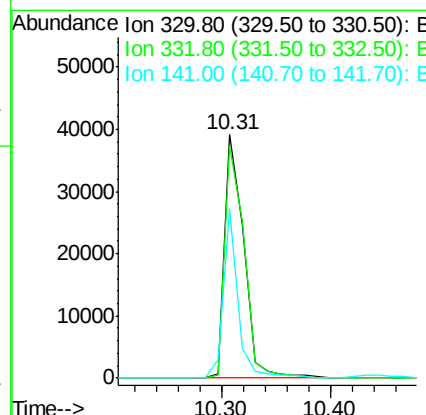
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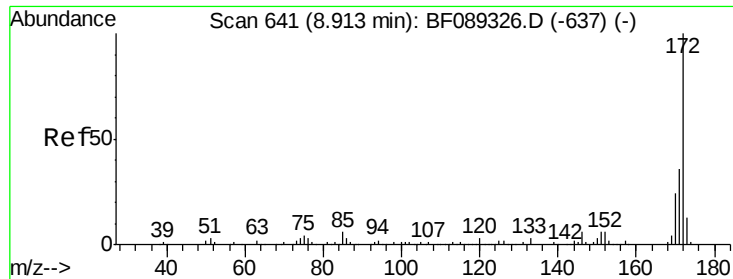
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#41
2,4,6-Tribromophenol
Concen: 102.82 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	54.3	37.3	55.9





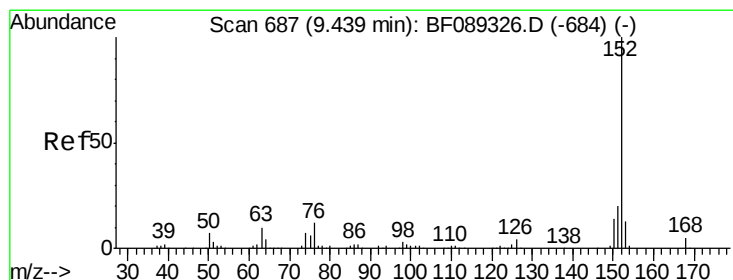
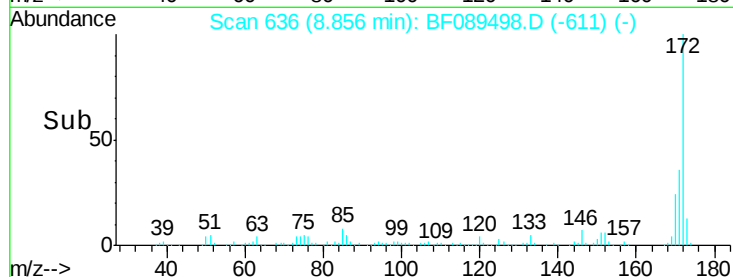
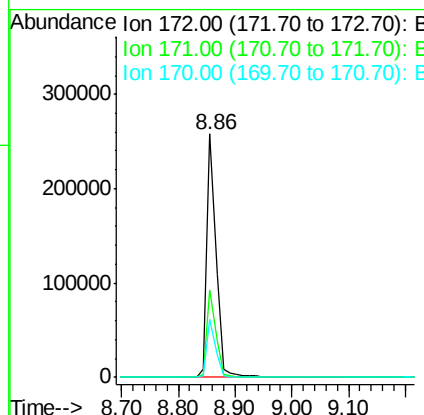
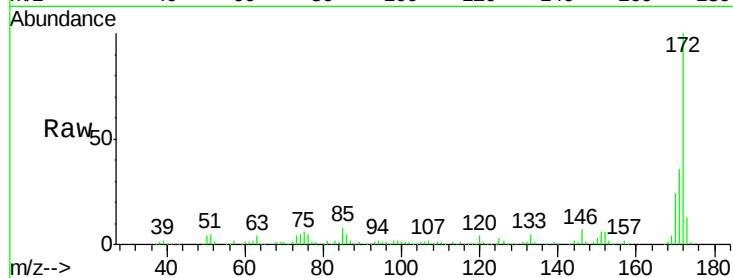
#44
2-Fluorobiphenyl
Concen: 71.67 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	275385		
171	36.0		29.2	43.8
170	23.6		19.2	28.8

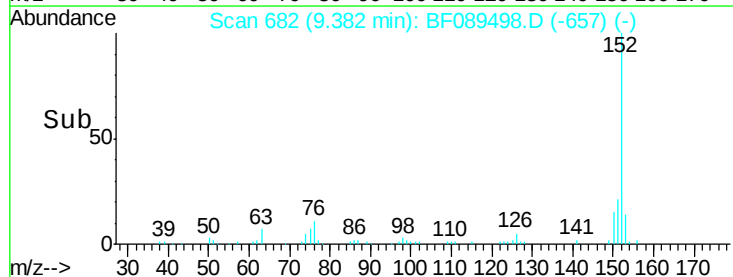
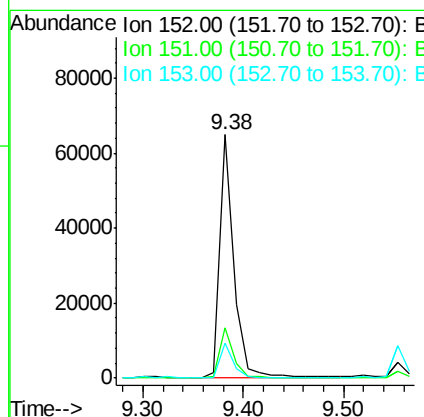
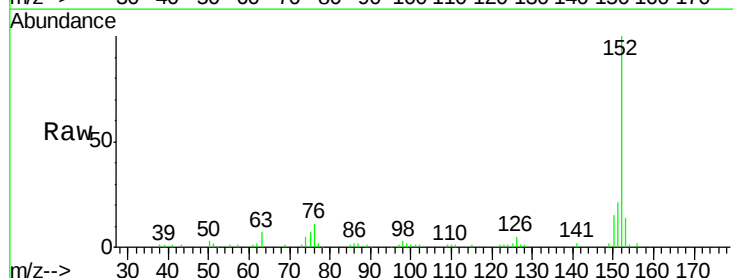
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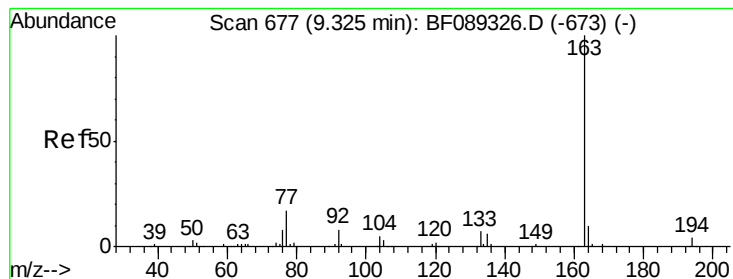
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#48
Acenaphthylene
Concen: 11.31 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	64231		
151	20.6		16.2	24.2
153	14.1		10.2	15.4





#49

Dimethylphthalate

Concen: 11.08 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

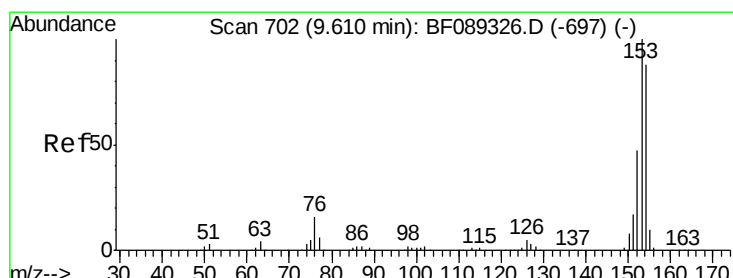
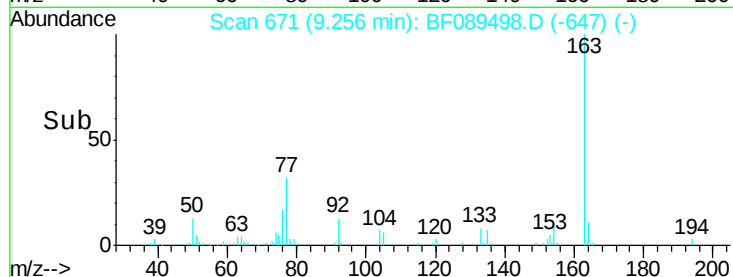
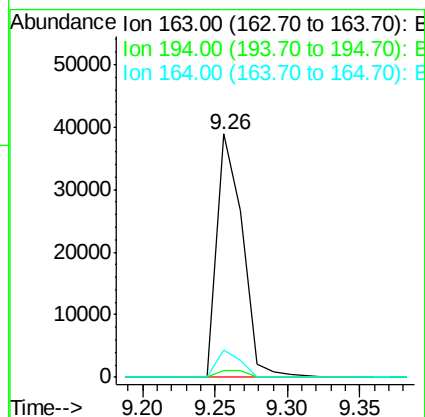
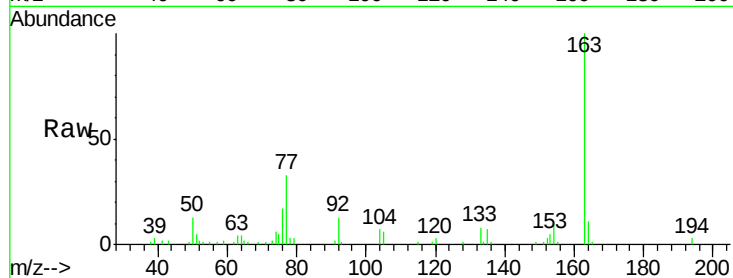
ClientSampleID :

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Tot Ion:	163	Resp:	47543
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.8	4.2
164	11.0	7.8	11.8

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#51

Acenaphthene

Concen: 2.07 ng

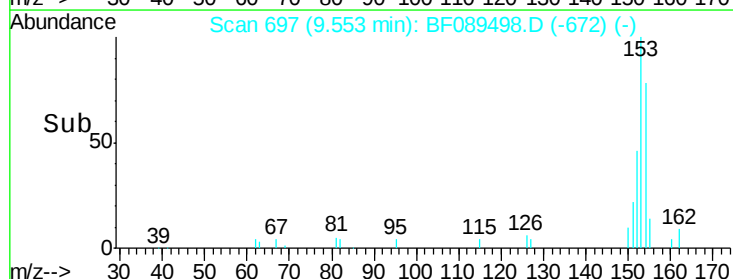
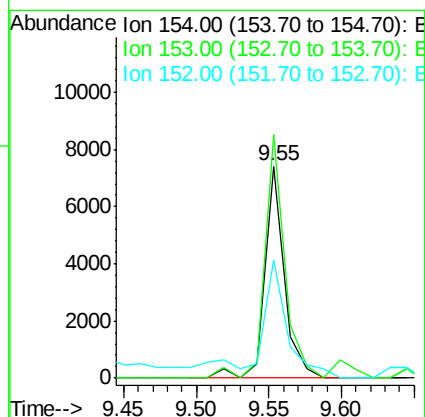
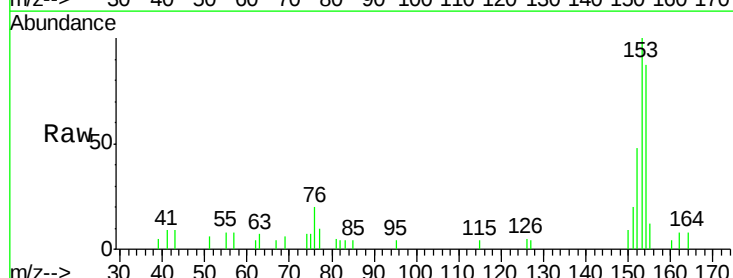
RT: 9.55 min Scan# 697

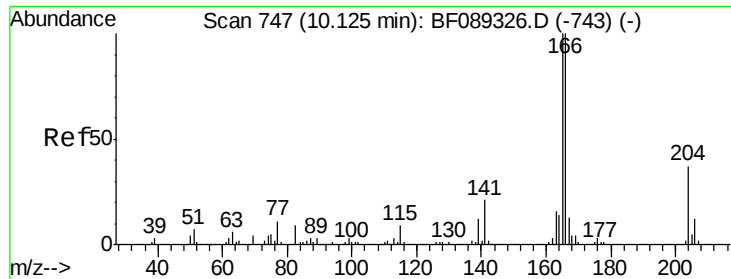
Delta R.T. -0.01 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Tgt Ion:	154	Resp:	6857
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.4	137.2
152	55.6	43.8	65.6





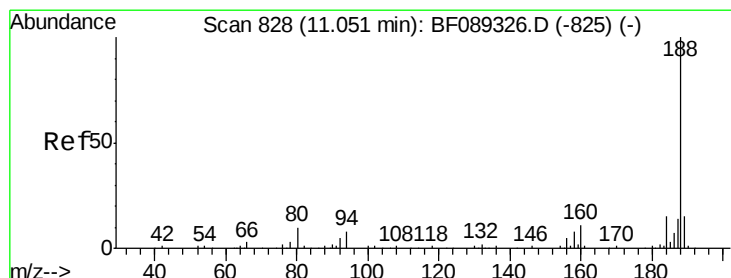
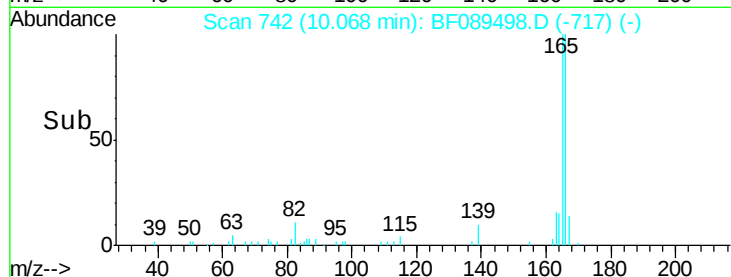
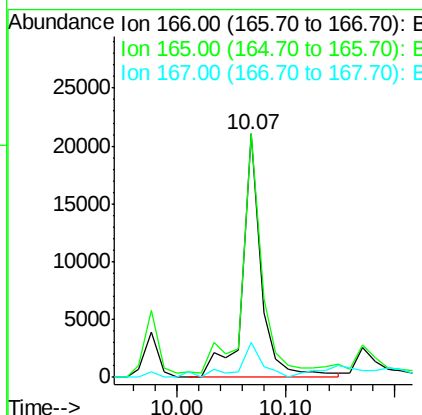
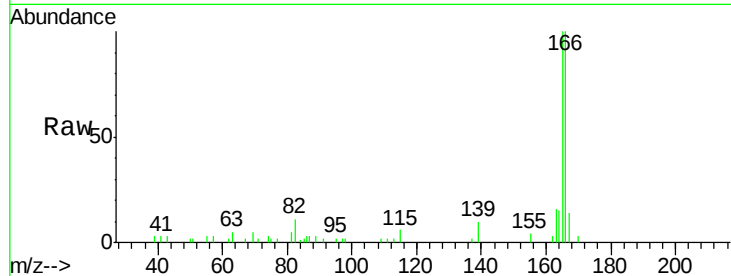
#57
Fluorene
 Concen: 6.40 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.4
167	14.3	10.2	15.2

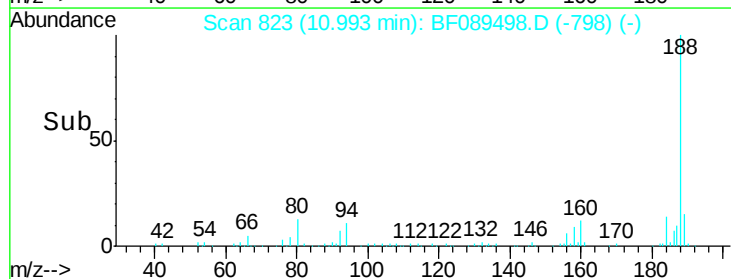
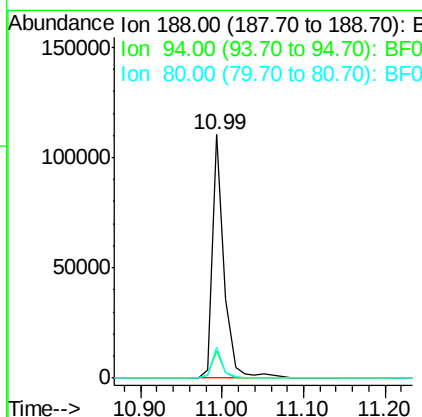
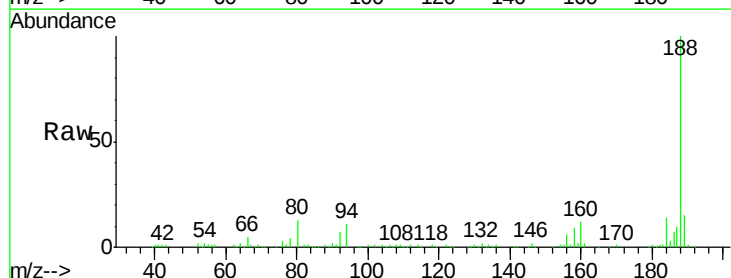
Manual Integrations
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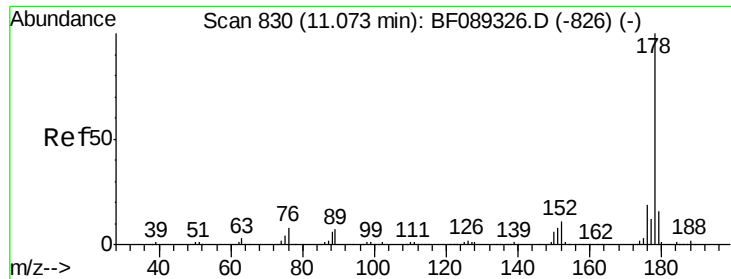
sohil
 8/1/2016 7:16:56 PM



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.5	9.7#
80	12.8	7.2	10.8#





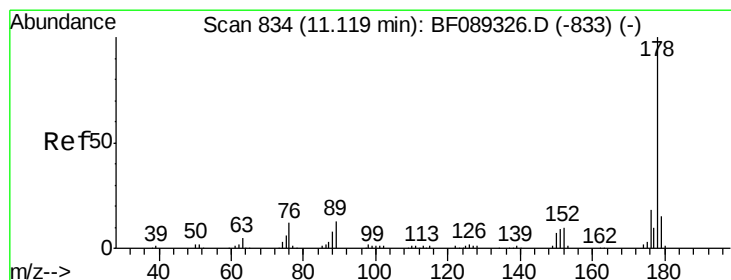
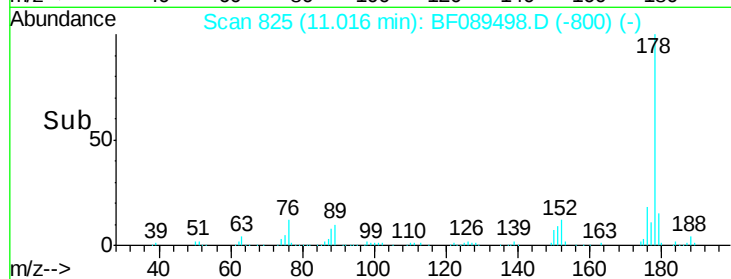
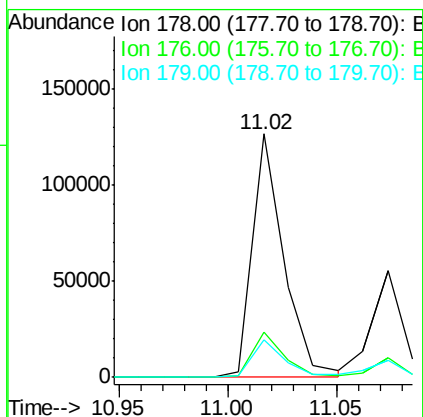
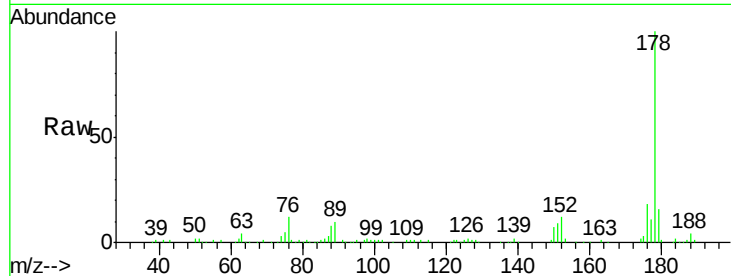
#70
Phenanthrene
Concen: 22.21 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.6	12.3	18.5

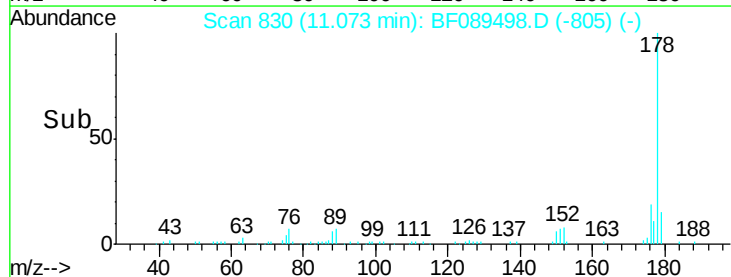
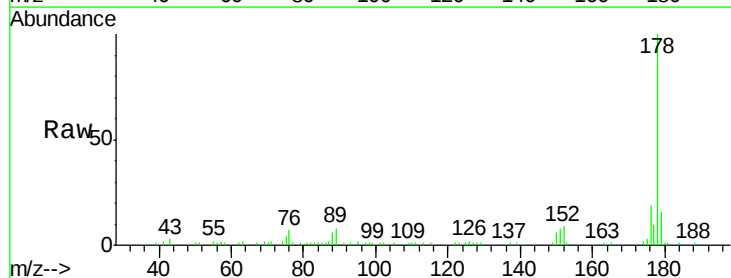
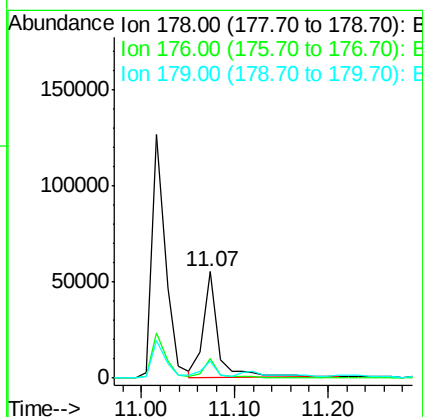
Manual Integrations
APPROVED

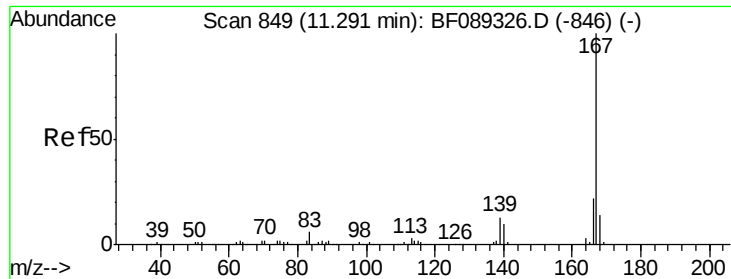
sohil
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#71
Anthracene
Concen: 9.70 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.8	12.6	18.8





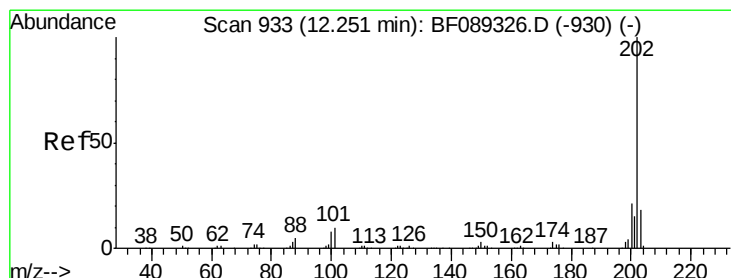
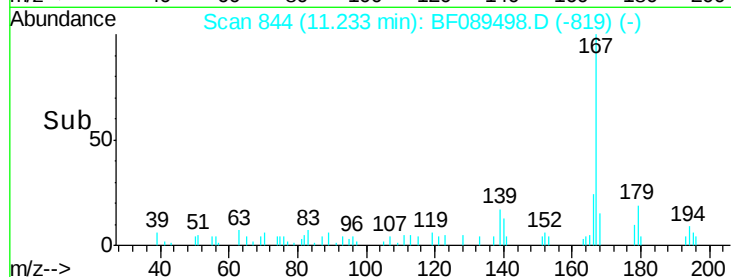
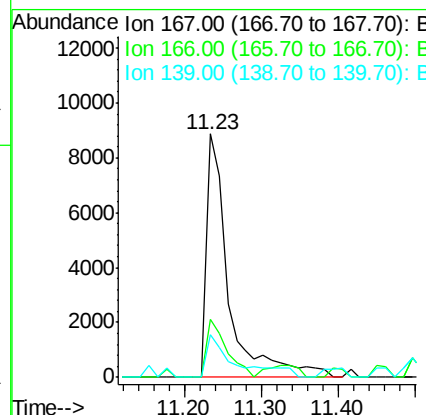
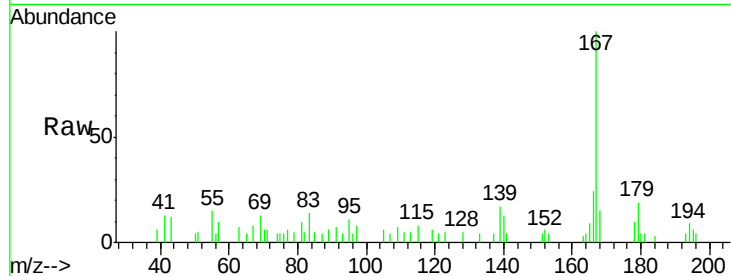
#72
 Carbazole
 Concen: 3.27 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.6	26.4
139	17.5	10.1	15.1

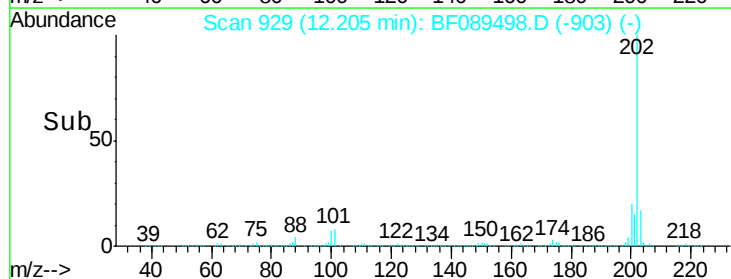
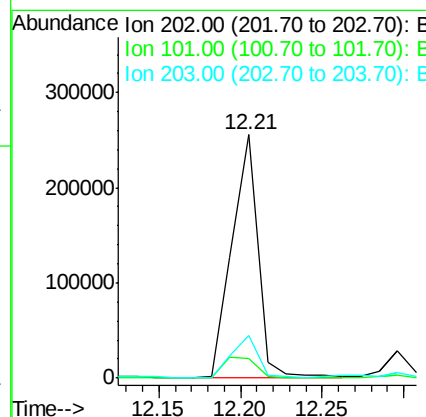
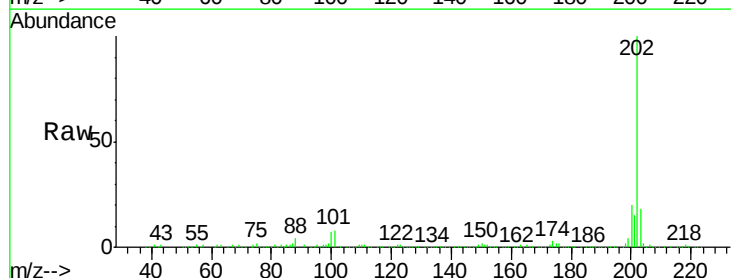
Manual Integrations
 APPROVED

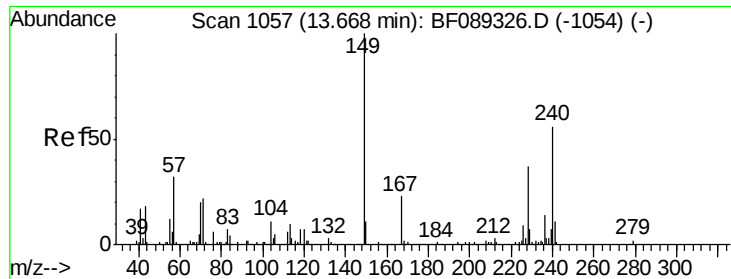
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#74
 Fluoranthene
 Concen: 46.33 ng
 RT: 12.21 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.9
203	17.5	0.0	37.3





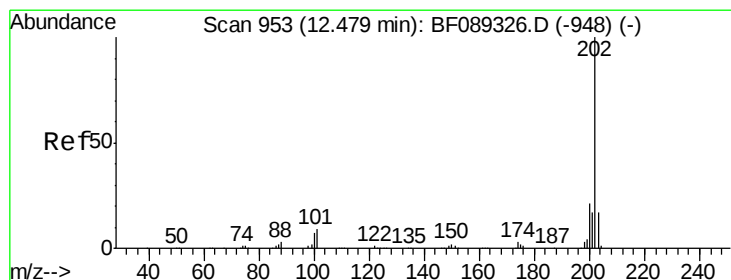
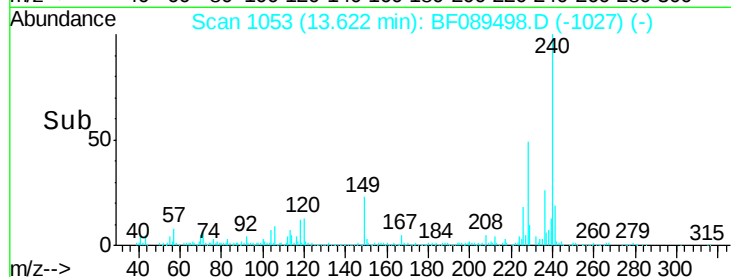
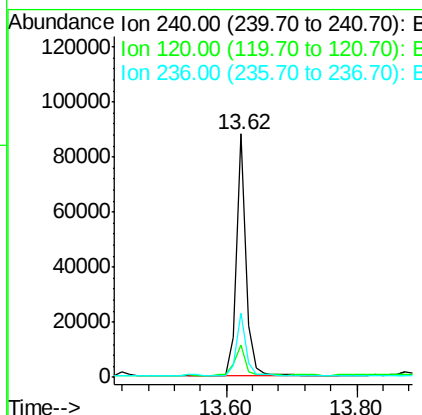
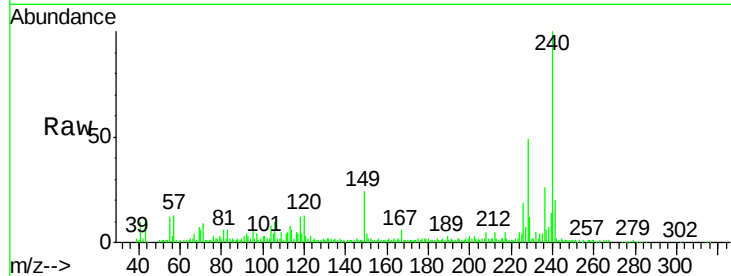
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.1	13.7
236	26.2	20.6	30.8

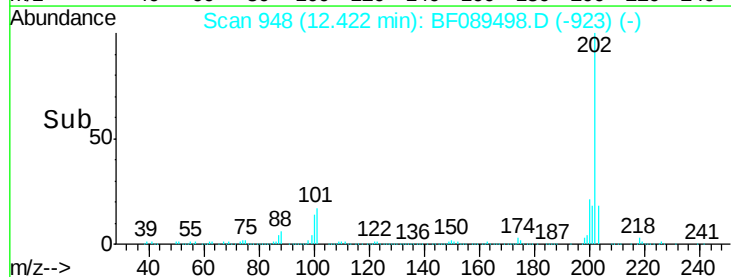
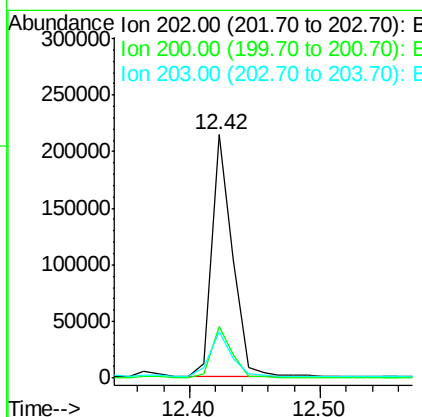
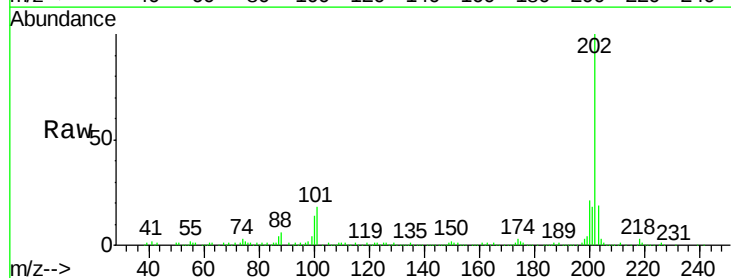
Manual Integrations
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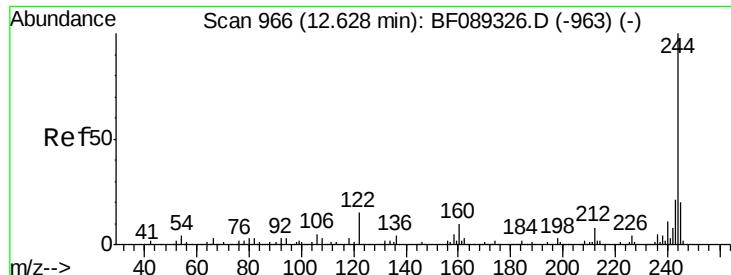
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#77
Pyrene
Concen: 35.23 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	19.1	14.0	21.0





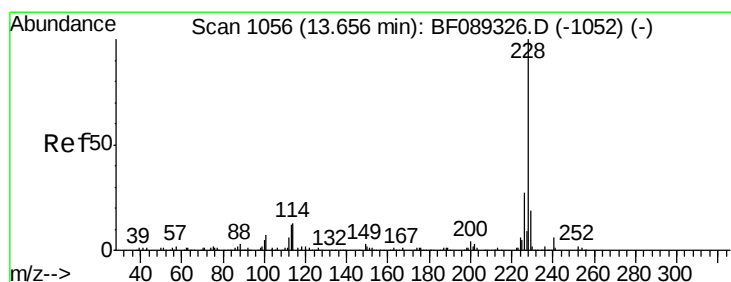
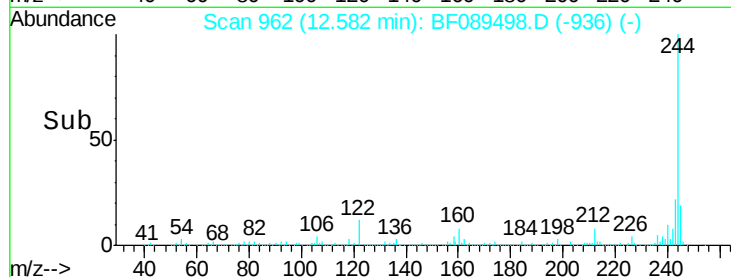
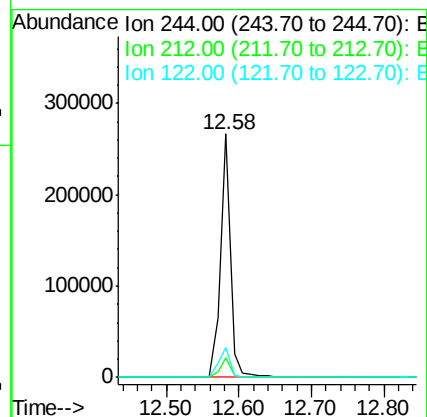
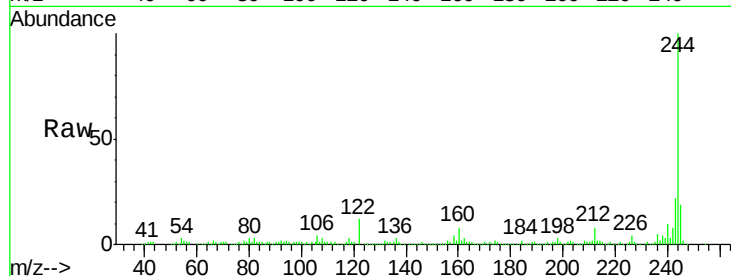
#78
 Terphenyl-d14
 Concen: 67.84 ng
 RT: 12.58 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	12.4	11.4	17.0

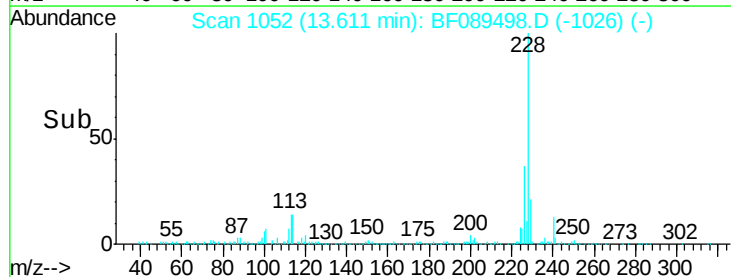
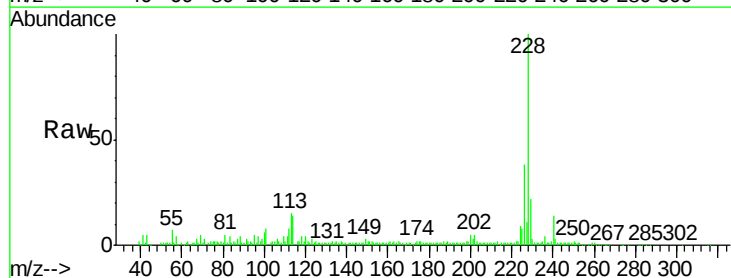
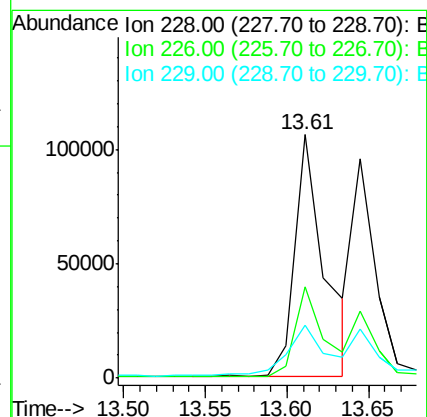
Manual Integrations
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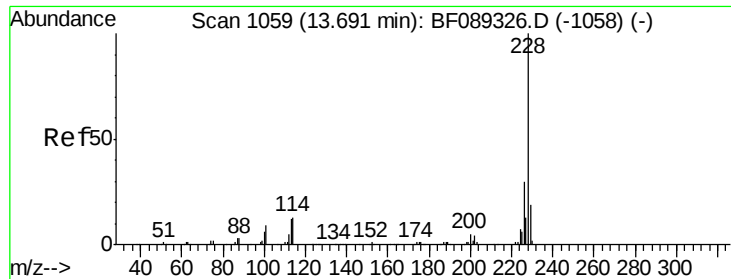
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#80
 Benzo(a)anthracene
 Concen: 27.17 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089498.D
 Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.5	21.4	32.2#
229	21.9	15.9	23.9





#82

Chrysene

Concen: 18.52 ng/mL

RT: 13.65 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

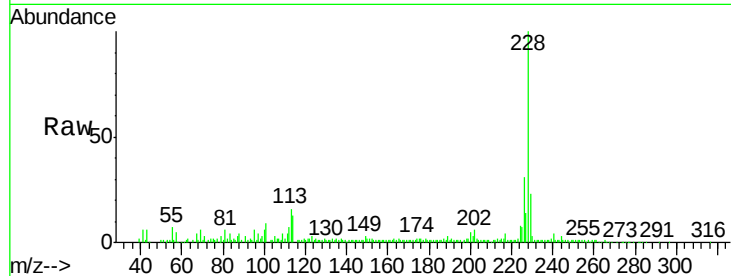
ClientSampleId :

SB-11-COMP

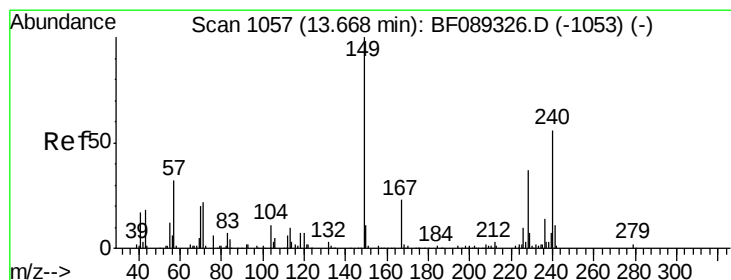
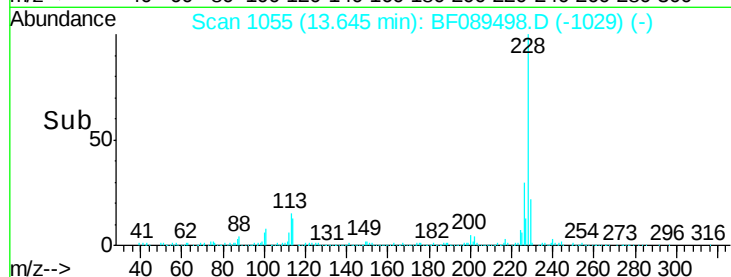
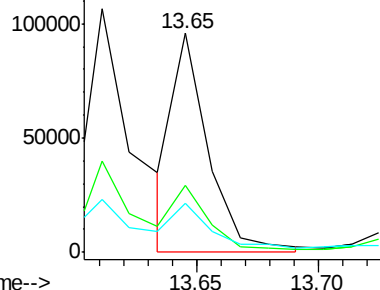
Tot Ion:	228	Resp:	98470
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.2	36.2
229	22.6	15.9	23.9

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.67 ng/mL

RT: 13.63 min Scan# 1054

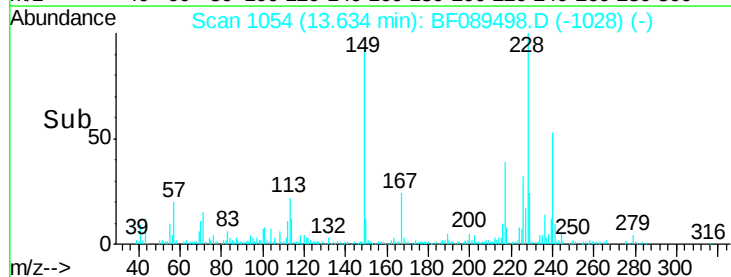
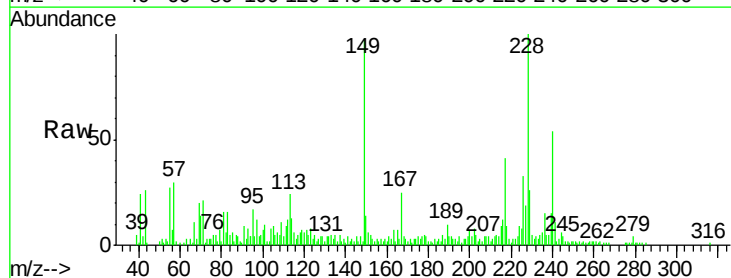
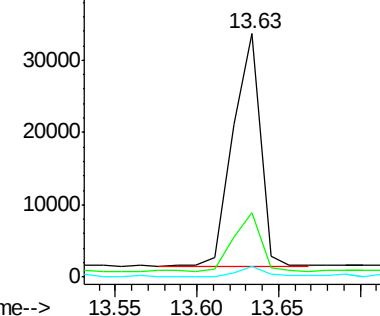
Delta R.T. 0.00 min

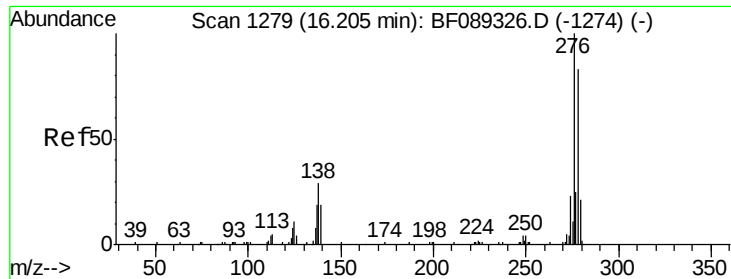
Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Tgt Ion:	149	Resp:	38227
Ion Ratio	Lower	Upper	
149	100		
167	26.2	18.8	28.2
279	4.4	1.4	2.0#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





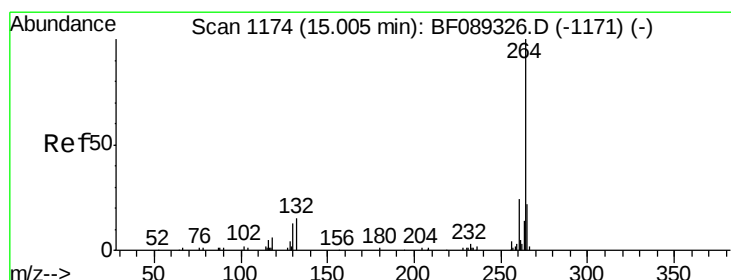
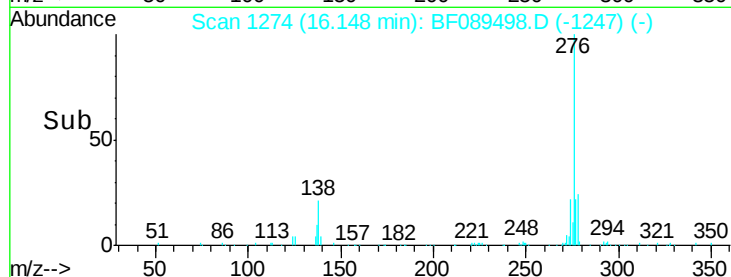
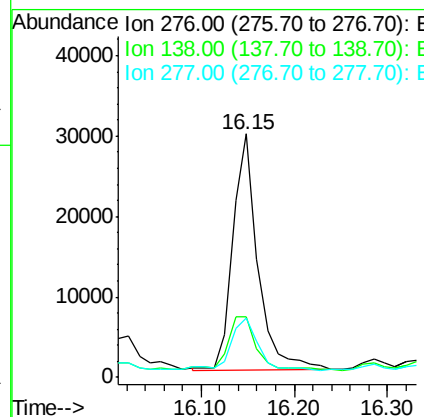
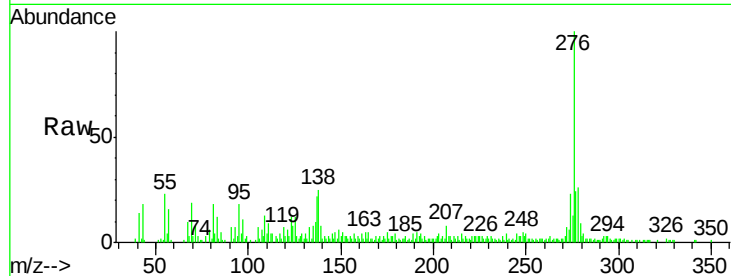
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.50 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.0	34.4
277	24.2	20.2	30.4

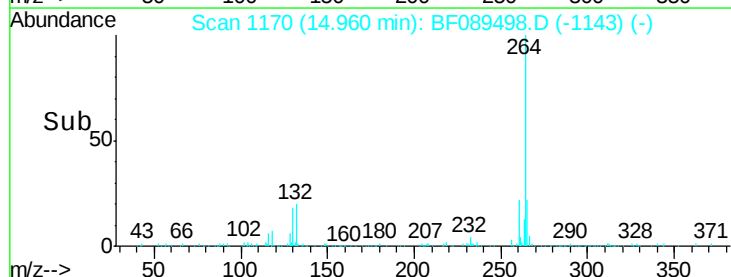
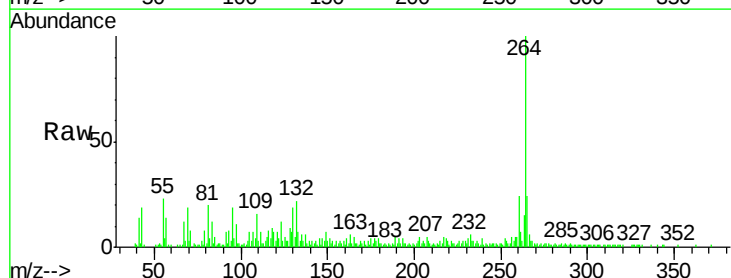
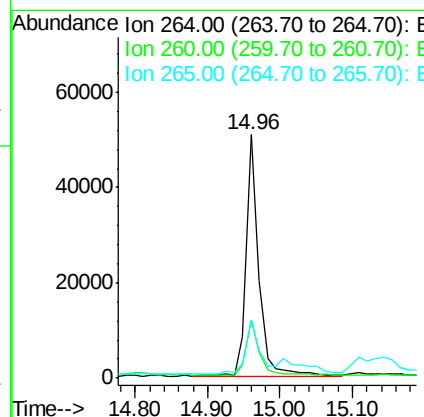
Manual Integrations
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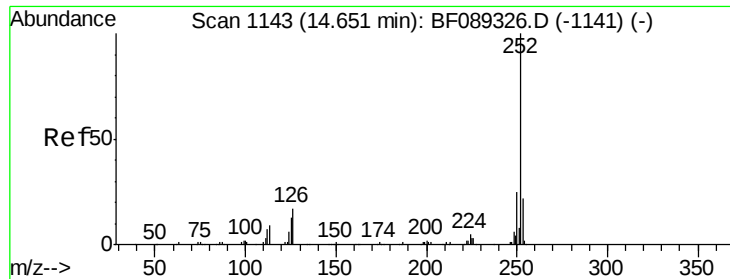
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	23.7	17.5	26.3





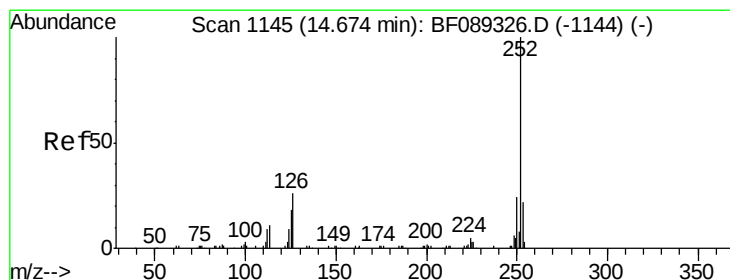
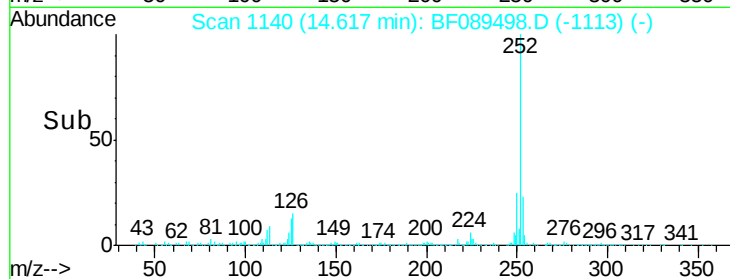
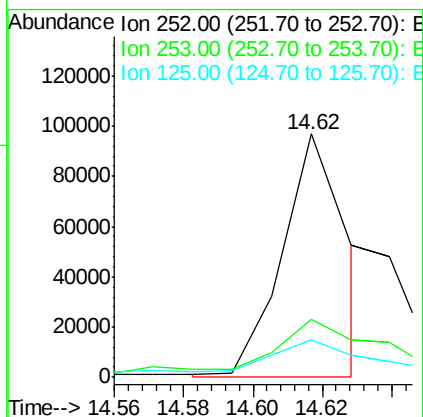
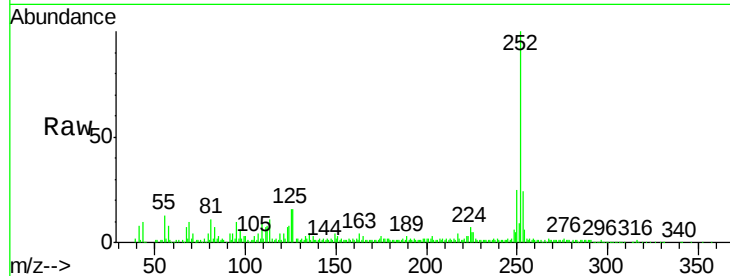
#87
Benzo(b)fluoranthene
Concen: 32.86 ng m
RT: 14.62 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	15.6	9.7	14.5

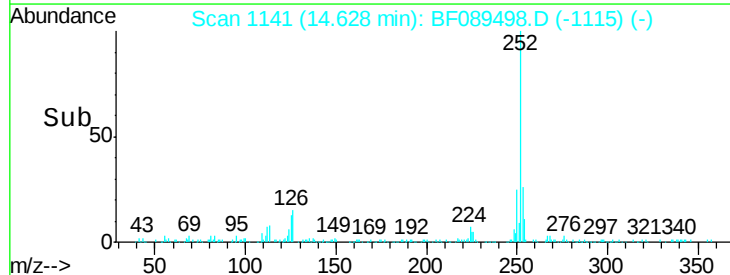
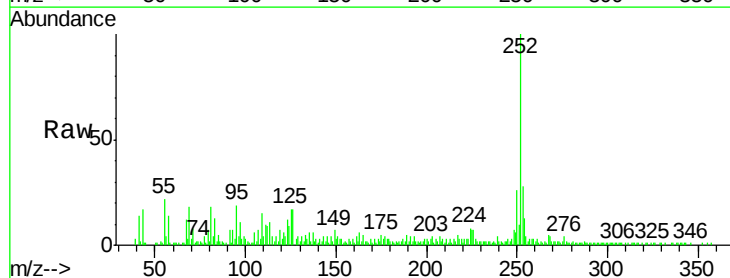
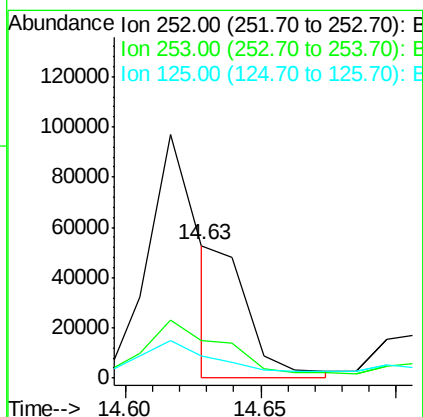
Manual Integrations
APPROVED

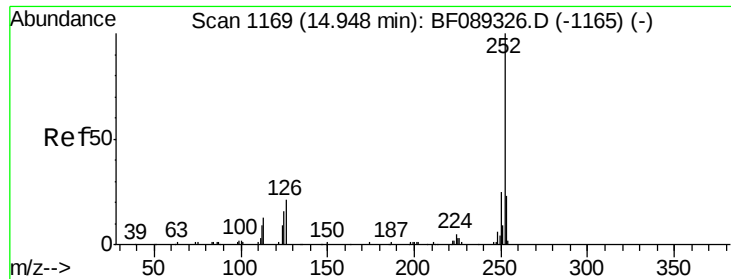
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#88
Benzo(k)fluoranthene
Concen: 12.22 ng m
RT: 14.63 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.8	26.8
125	16.8	10.7	16.1





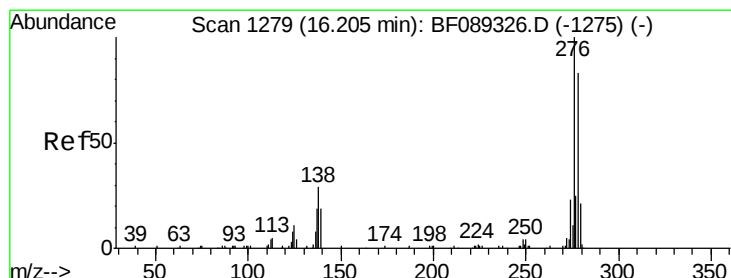
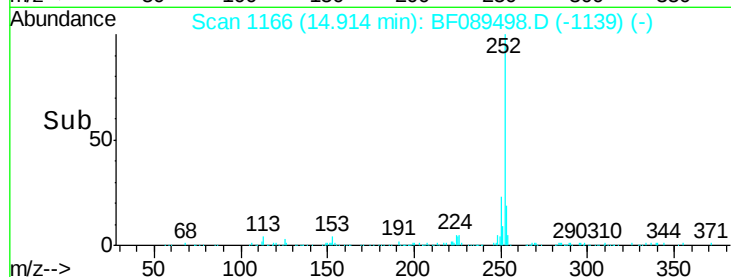
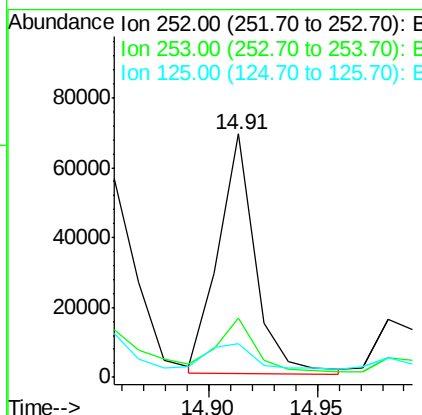
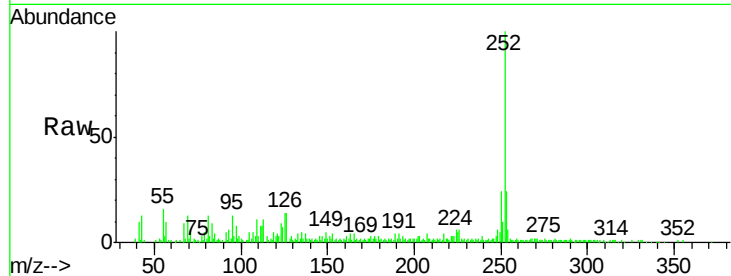
#89
Benzo(a)pyrene
Concen: 23.61 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	14.1	12.4	18.6

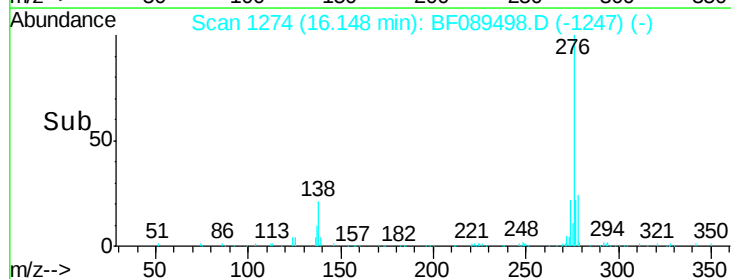
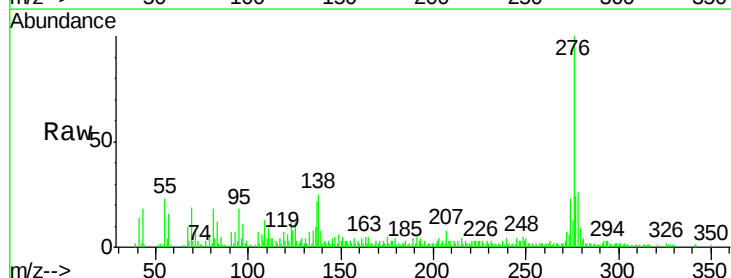
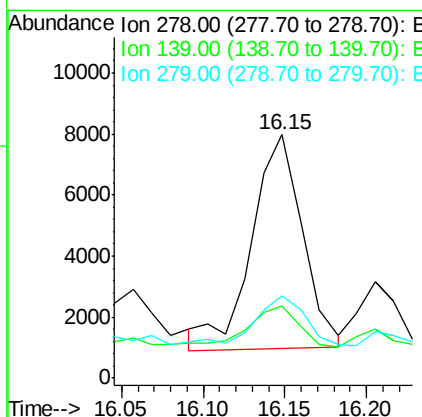
Manual Integrations
APPROVED

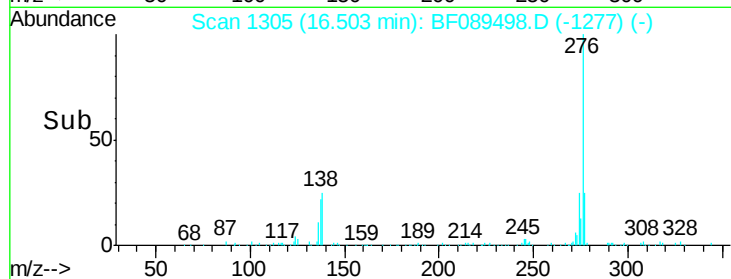
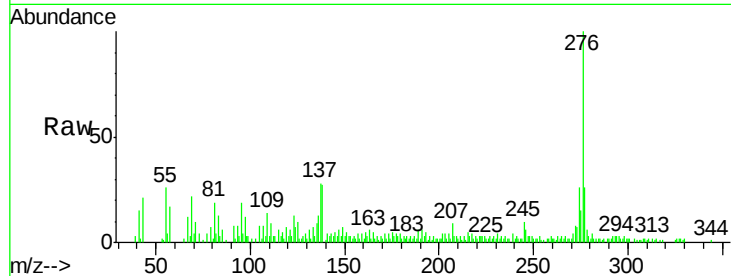
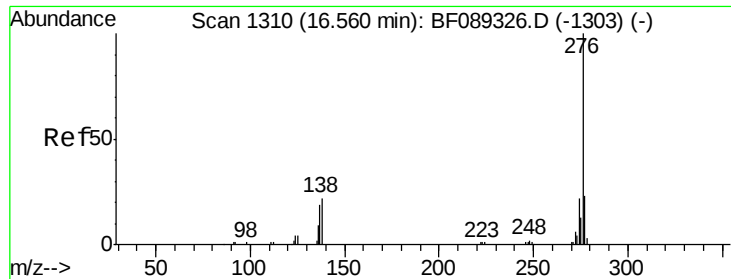
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#90
Dibenzo(a,h)anthracene
Concen: 5.67 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF089498.D
Acq: 1 Aug 2016 6:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	16.3	24.5#
279	34.0	19.1	28.7#





#91

Benzo(a,h,i)perylene

Concen: 20.80 ng

RT: 16.50 min Scan# 1305

Delta R.T. 0.02 min

Lab File: BF089498.D

Acq: 1 Aug 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

Tot Ion:	276	Resp:	55282
Ion Ratio		Lower	Upper
276	100		
277	26.2	18.6	28.0
138	26.8	21.4	32.0

Manual Integrations
APPROVED

sohil
8/1/2016 7:16:56 PM

