

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083033.D
 Acq On : 19 Nov 2015 3:17
 Operator : UM/IZ
 Sample : G4440-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

Manual Integrations
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 11/19/2015 6:45:04 PM

Quant Time: Nov 19 07:33:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108478m	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	413358	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	172944	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	283773	20.00	ng	0.00
75) Chrysene-d12	13.88	240	256674	20.00	ng	-0.01
86) Perylene-d12	15.28	264	195586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	147074	21.10	ng	-0.01
7) Phenol-d6	6.38	99	193899	20.92	ng	-0.01
23) Nitrobenzene-d5	7.29	82	104926	11.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	29533	14.89	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	172998	14.34	ng	-0.01
78) Terphenyl-d14	12.83	244	126427	11.68	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	38615	2.73	ng	# 97
70) Phenanthrene	11.28	178	178778	10.85	ng	95
71) Anthracene	11.32	178	46268	2.67	ng	95
74) Fluoranthene	12.45	202	397912	22.50	ng	97
77) Pyrene	12.68	202	315291	17.89	ng	96
80) Benzo(a)anthracene	13.87	228	150285	9.36	ng	99
82) Chrysene	13.91	228	189141m	12.87	ng	
83) Bis(2-ethylhexyl)phthalate	13.88	149	89961	8.44	ng	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	57140	4.51	ng	# 94
87) Benzo(b)fluoranthene	14.89	252	185354m	14.76	ng	
88) Benzo(k)fluoranthene	14.91	252	62352m	5.60	ng	
89) Benzo(a)pyrene	15.22	252	105622	9.71	ng	# 98
91) Benzo(g,h,i)perylene	16.98	276	56639	6.42	ng	# 94

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

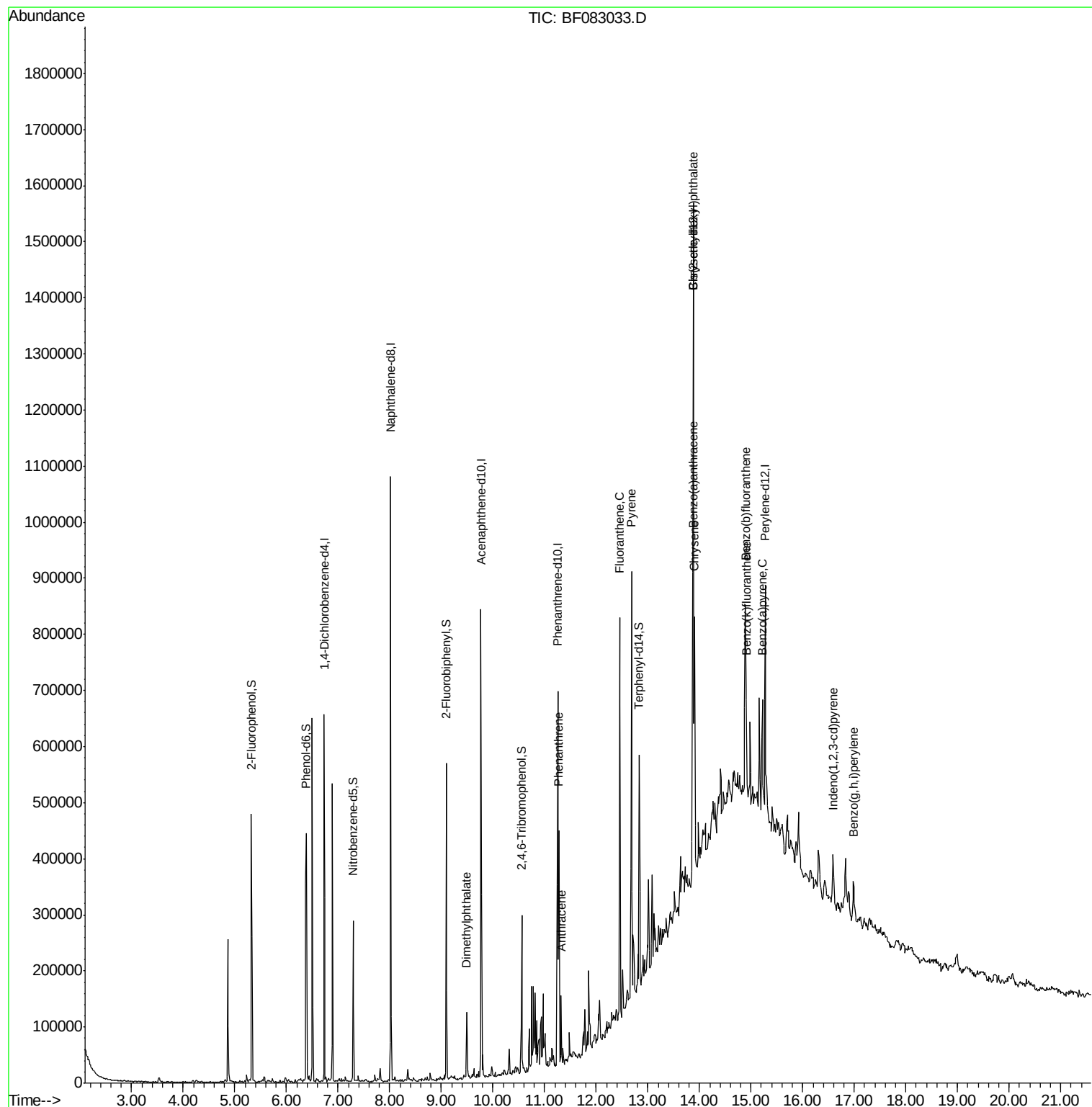
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
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ALS Vial : 27 Sample Multiplier: 1

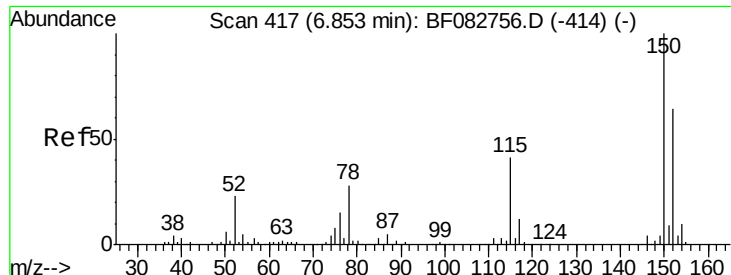
Instrument :
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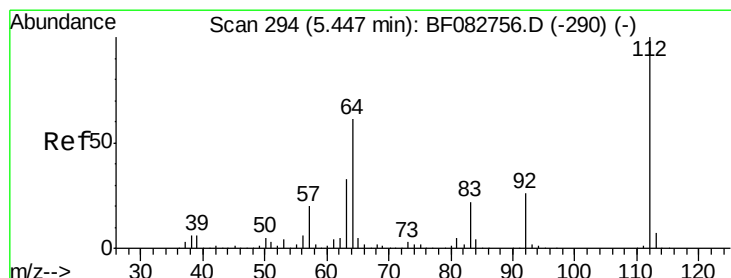
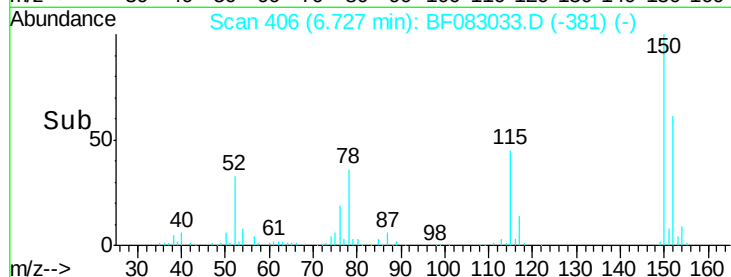
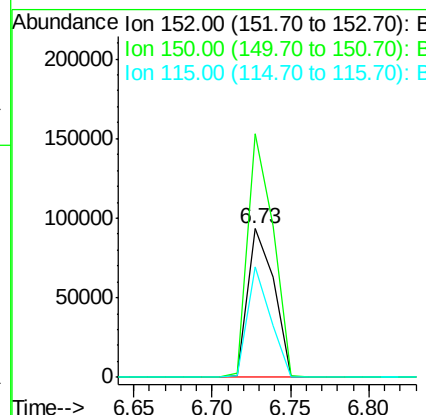
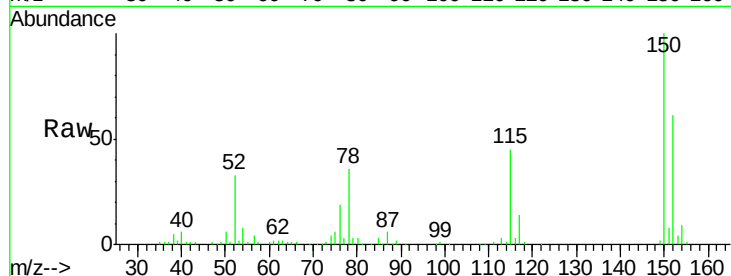
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	108478		
150	163.7	127.0	190.4	
115	74.4	47.0	70.6#	

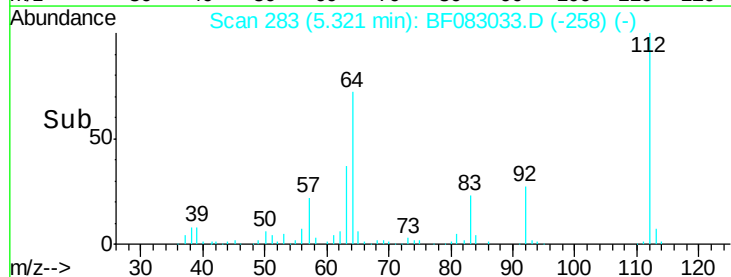
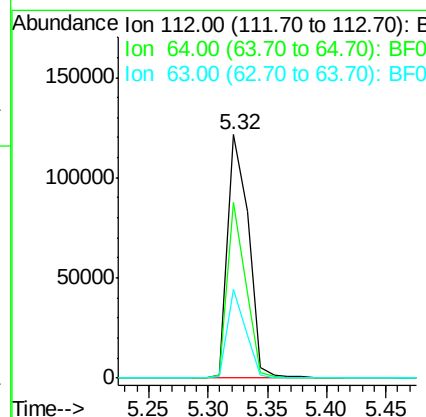
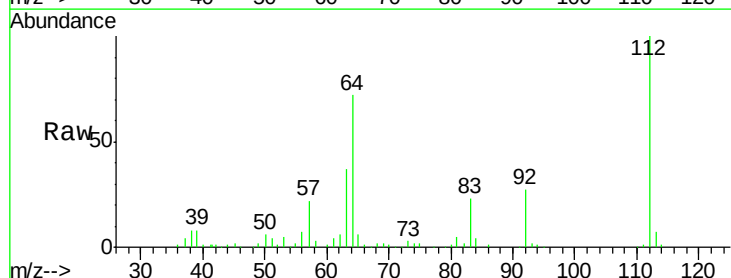
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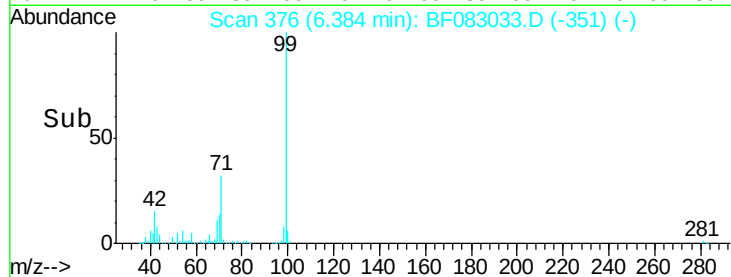
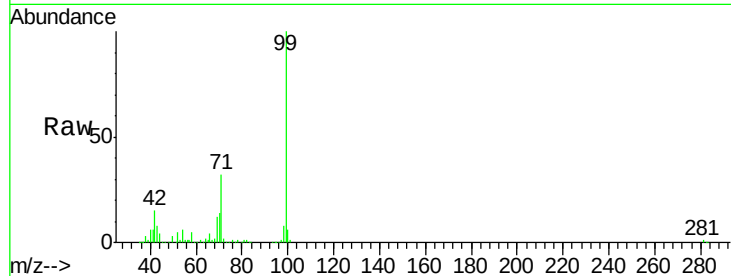
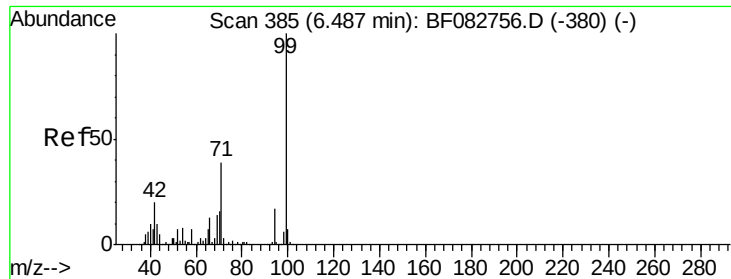
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#5
 2-Fluorophenol
 Concen: 21.10 ng
 RT: 5.32 min Scan# 283
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	147074		
64	72.4	48.9	73.3	
63	36.6	28.1	42.1	





#7

Phenol-d6

Concen: 20.92 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	193899		
42	14.6	19.2	28.8#	
71	32.4	35.0	52.4#	

Instrument :

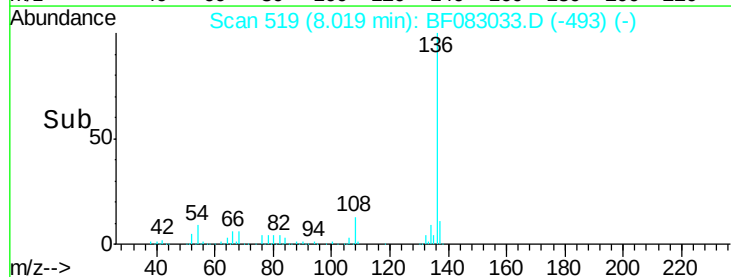
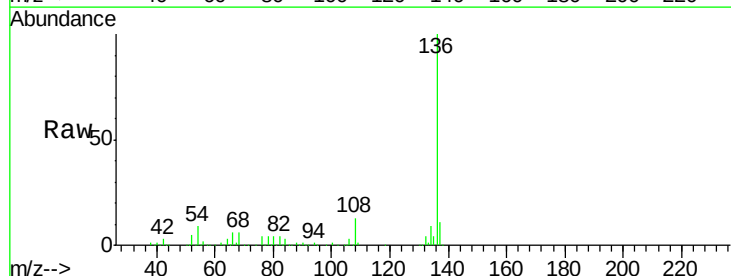
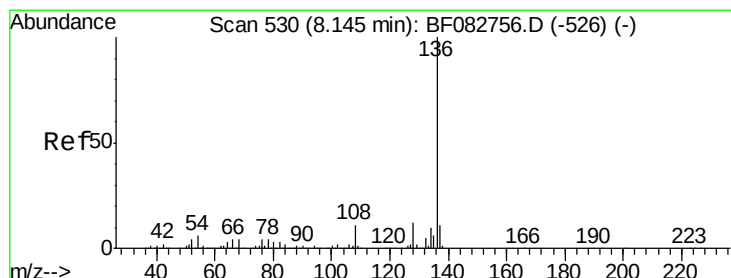
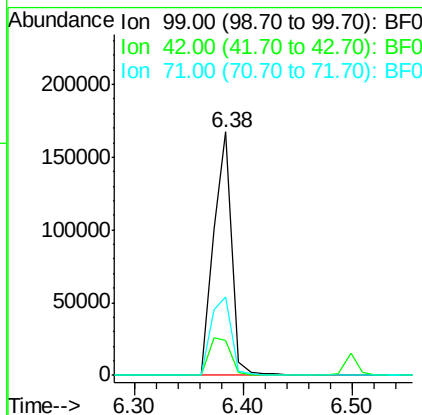
BNA_F

ClientSampleId :

V1S1

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#21

Naphthalene-d8

Concen: 20.00 ng

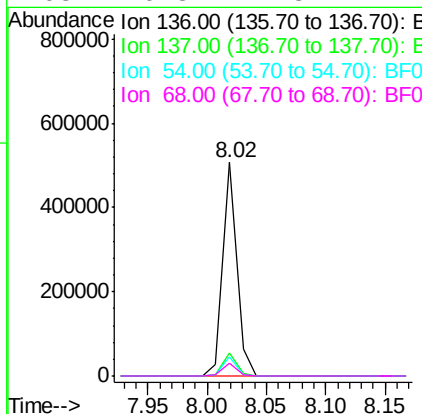
RT: 8.02 min Scan# 519

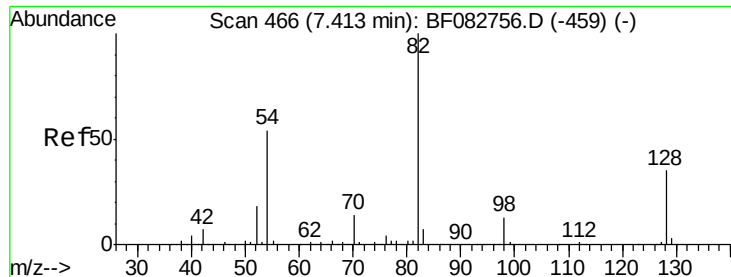
Delta R.T. 0.00 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	413358		
137	10.9	9.1	13.7	
54	9.2	9.1	13.7	
68	6.3	4.8	7.2	





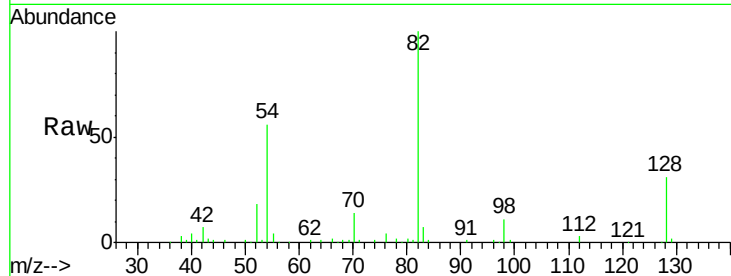
#23
 Nitrobenzene-d5
 Concen: 11.05 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

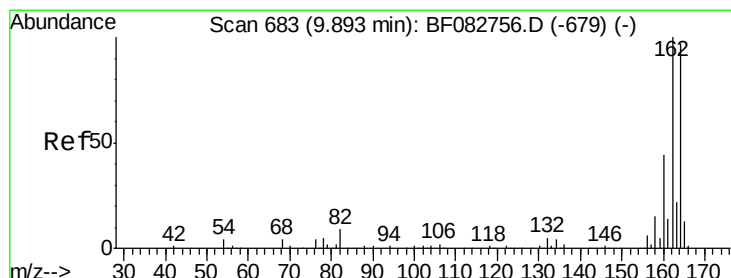
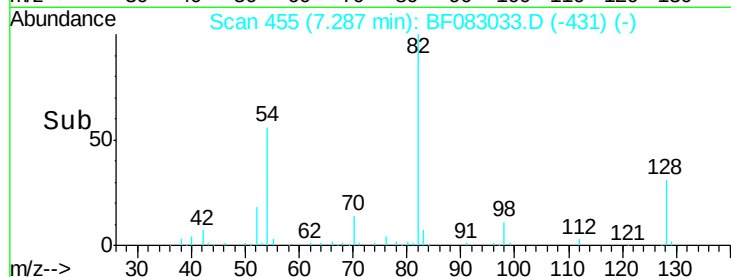
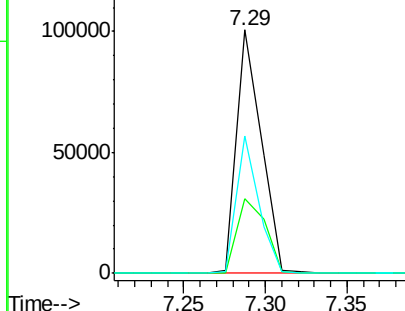
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	104926		
128	30.8	26.8	40.2	
54	56.2	45.7	68.5	

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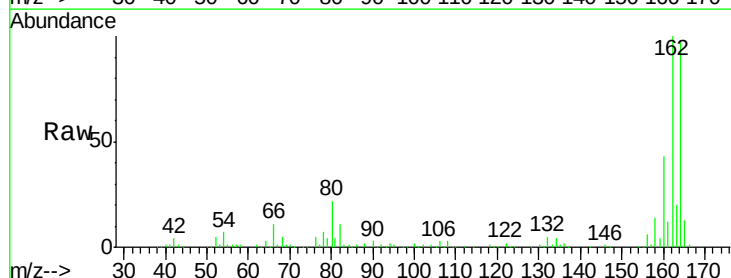


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

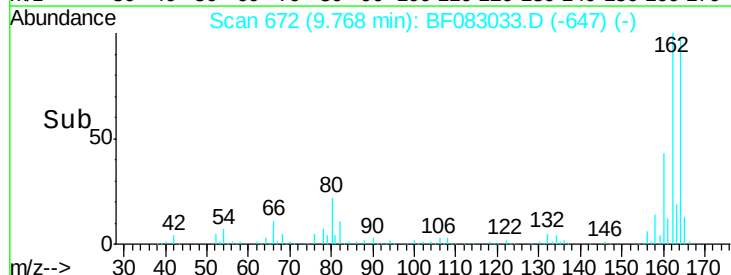
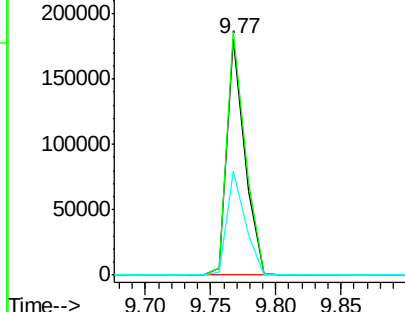


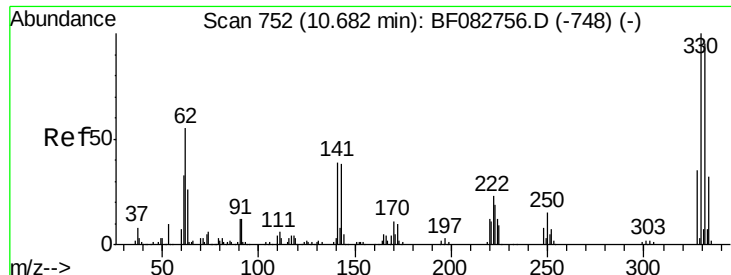
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172944		
162	103.1	84.9	127.3	
160	44.2	37.5	56.3	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





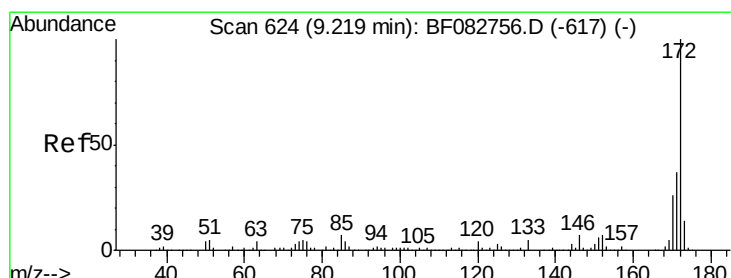
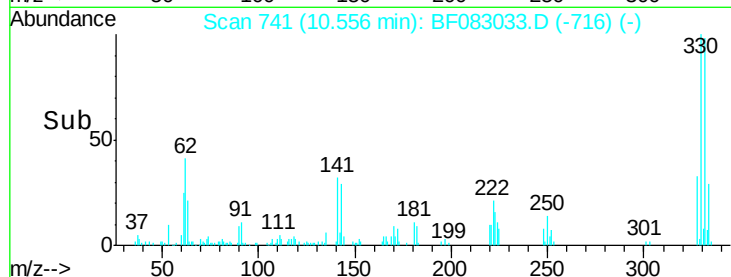
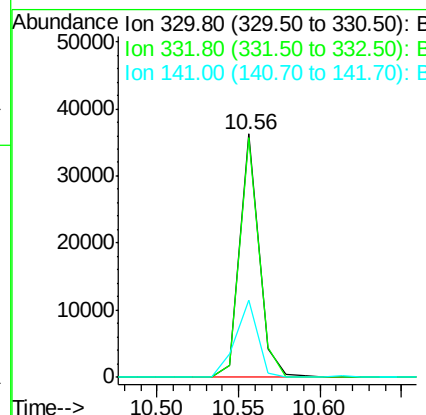
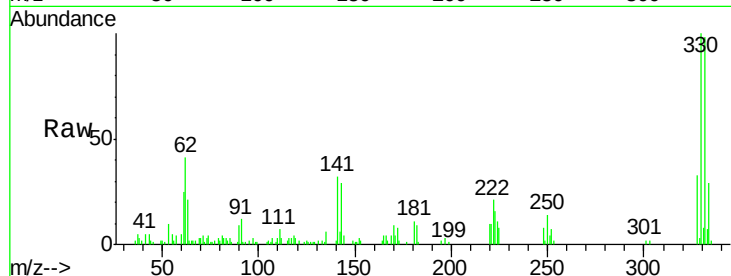
#41
 2,4,6-Tribromophenol
 Concen: 14.89 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	29533		
332	97.6	76.6	114.8	
141	36.6	41.2	61.8#	

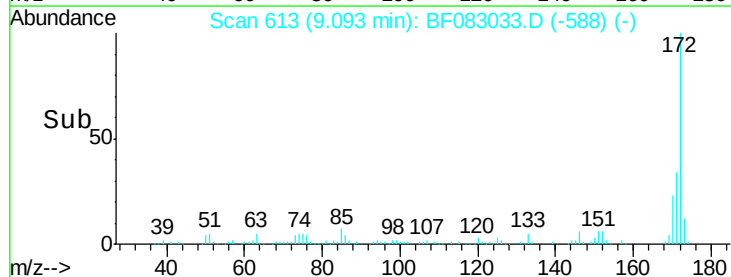
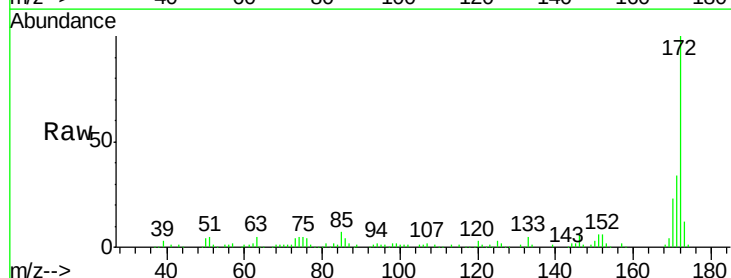
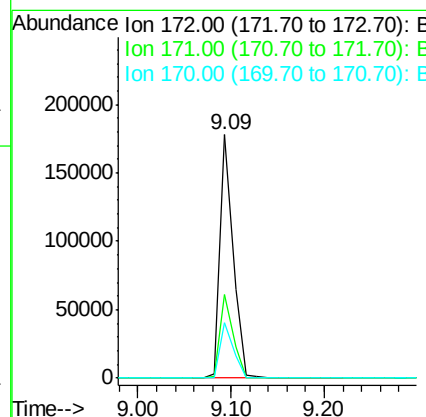
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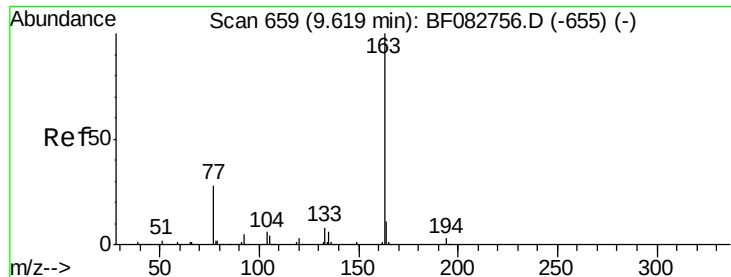
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#44
 2-Fluorobiphenyl
 Concen: 14.34 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	172998		
171	34.1	30.8	46.2	
170	22.7	21.2	31.8	





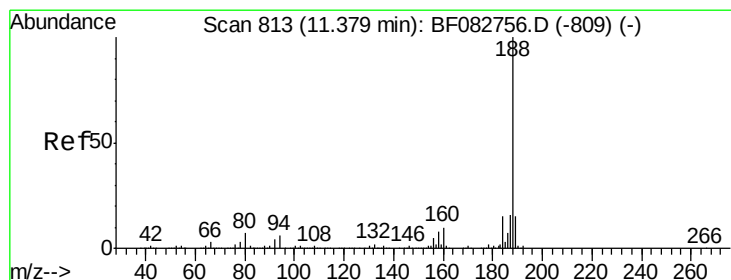
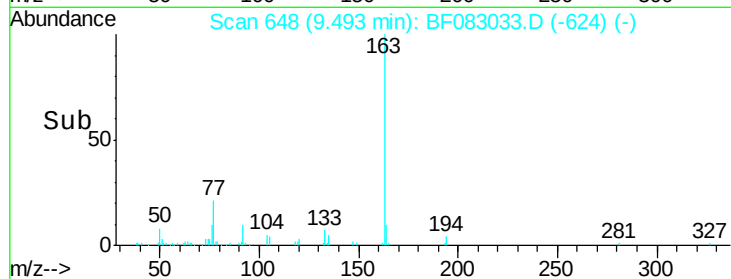
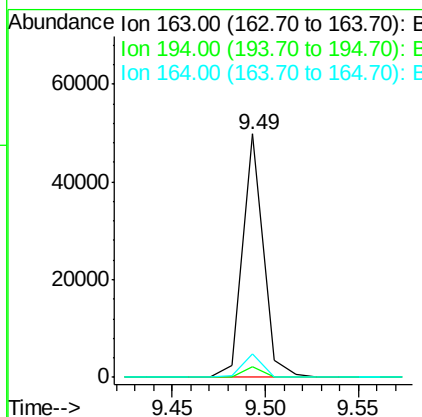
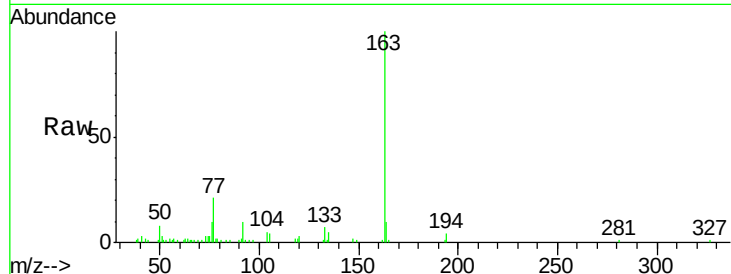
#49
Dimethylphthalate
Concen: 2.73 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Instrument :
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V1S1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	2.6	4.0#
164	9.8	8.7	13.1

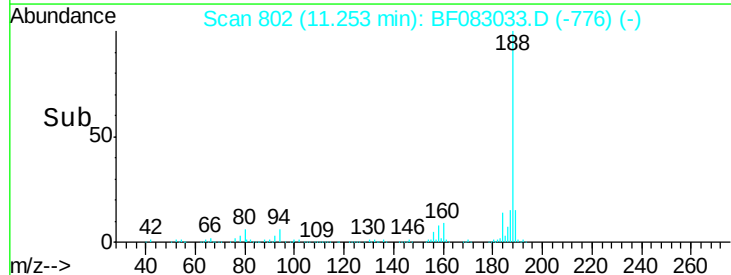
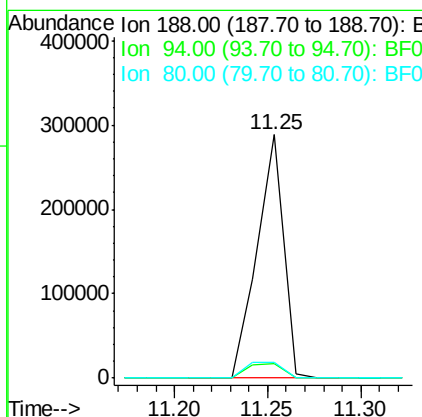
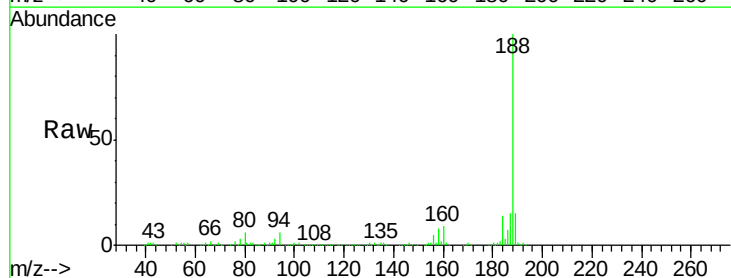
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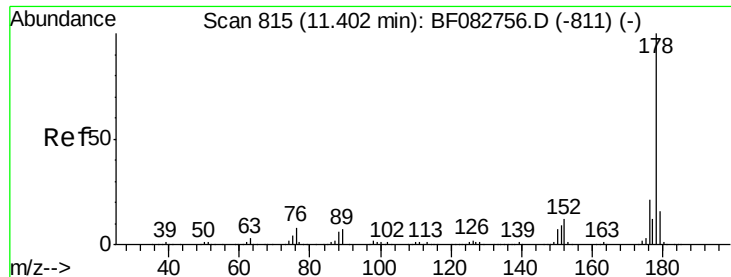
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	6.1	9.1#
80	6.4	7.0	10.6#





#70

Phenanthrene

Concen: 10.85 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Instrument :

BNA_F

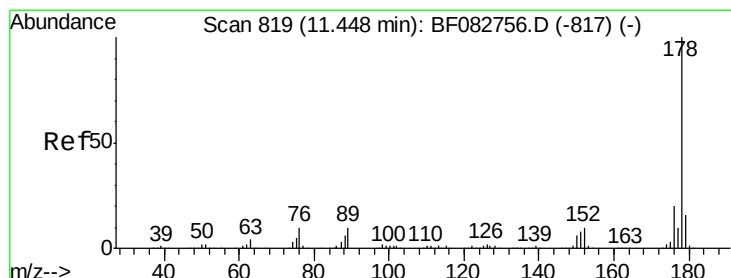
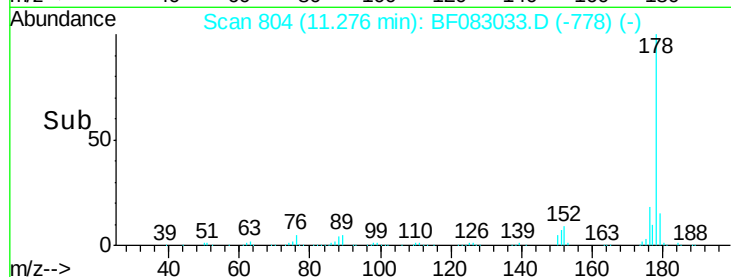
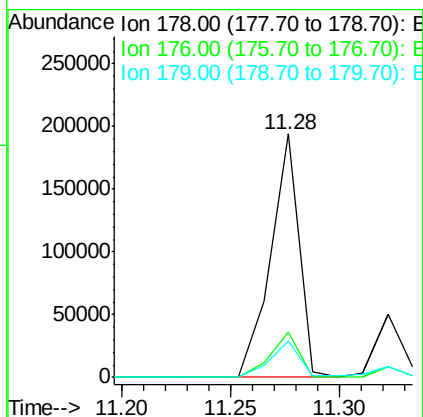
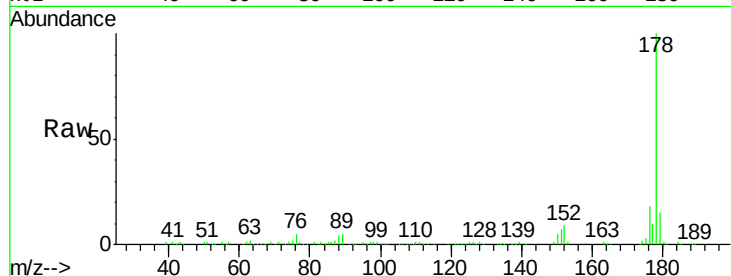
ClientSampleId :

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Tgt Ion:	178	Resp:	178778
Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.0	25.4
179	14.7	13.4	20.0



#71

Anthracene

Concen: 2.67 ng

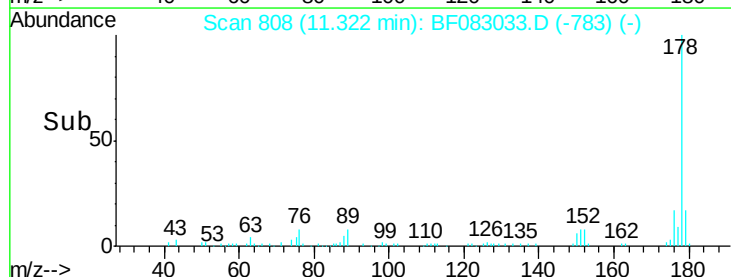
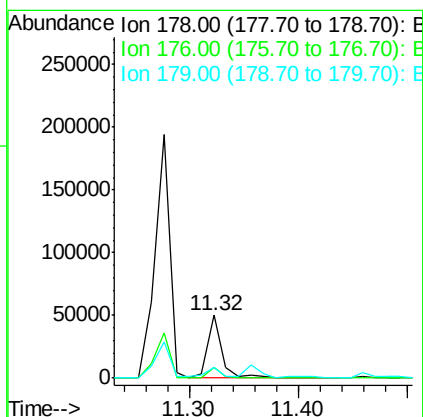
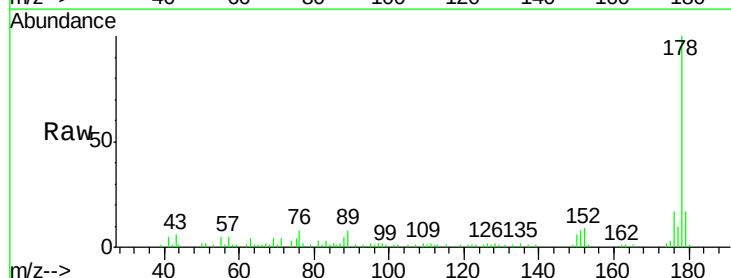
RT: 11.32 min Scan# 808

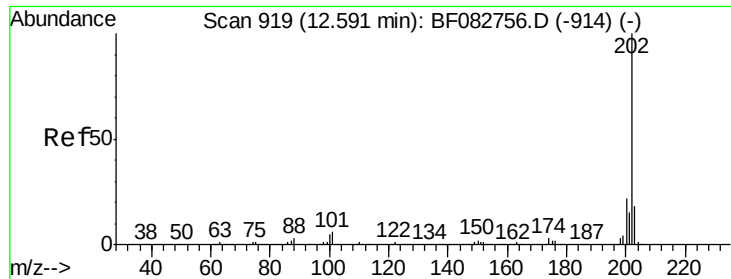
Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Tgt Ion:	178	Resp:	46268
Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.5	24.7
179	17.2	13.2	19.8





#74

Fluoranthene

Concen: 22.50 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Instrument :

BNA_F

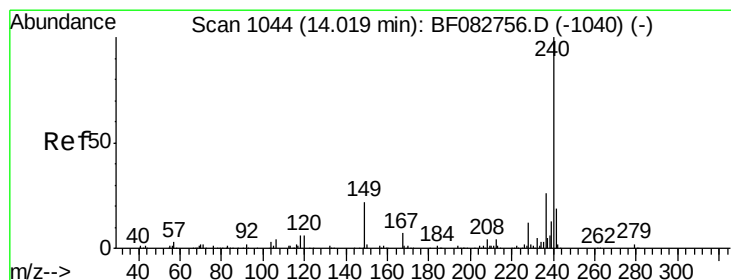
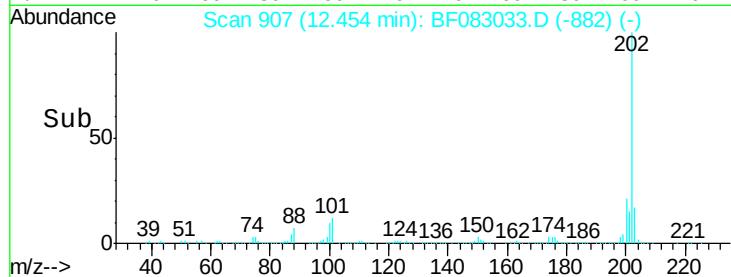
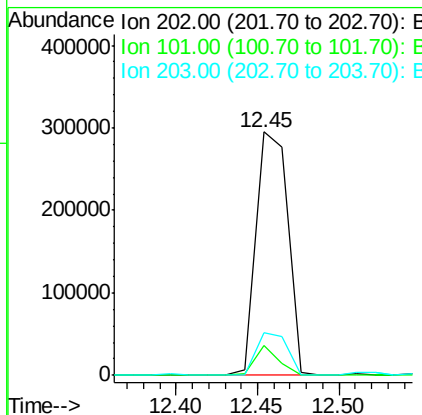
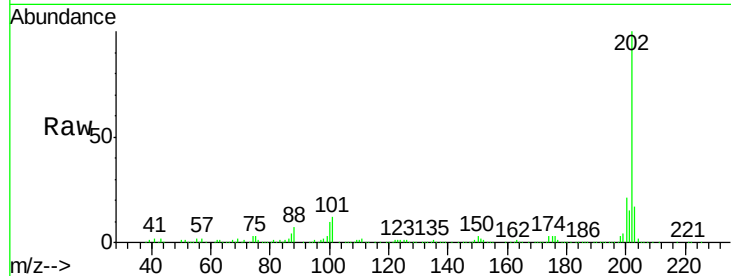
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		397912		
101	12.4	0.0	30.5		
203	17.4	0.0	38.5		

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#75

Chrysene-d12

Concen: 20.00 ng

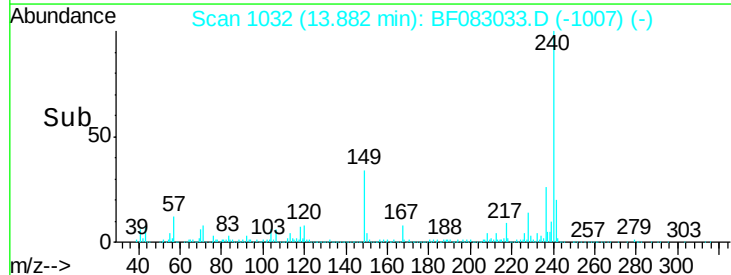
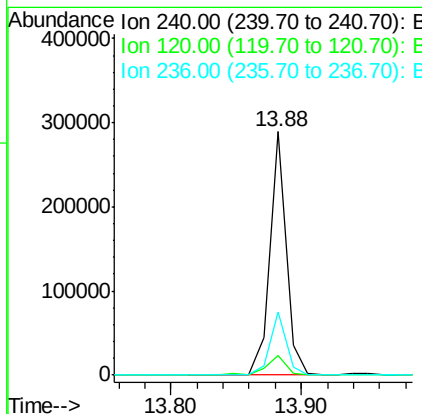
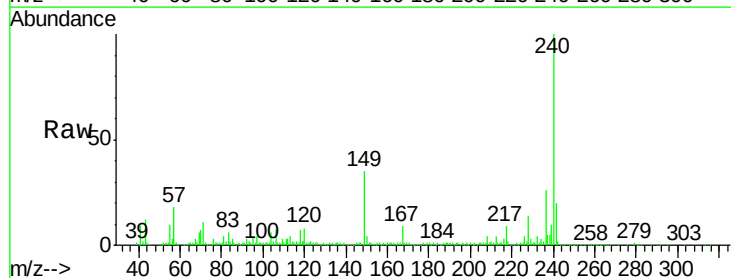
RT: 13.88 min Scan# 1032

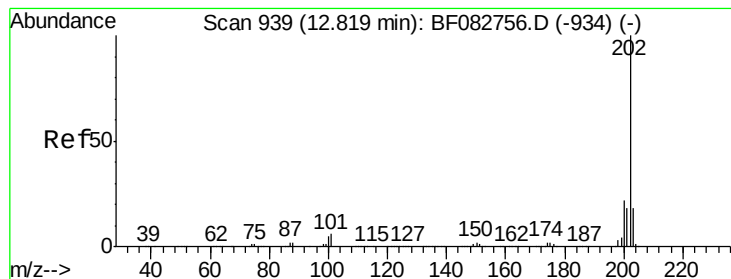
Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		256674		
120	8.1	10.9	16.3#		
236	26.1	21.6	32.4		





#77

Pyrene

Concen: 17.89 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Instrument :

BNA_F

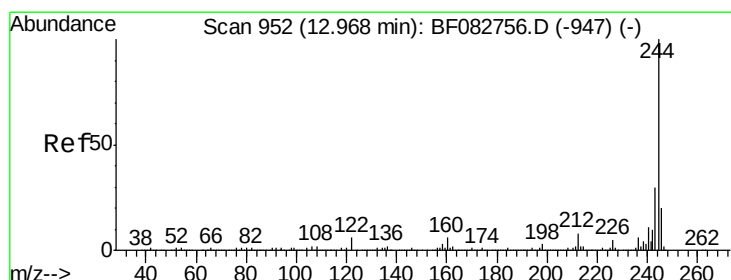
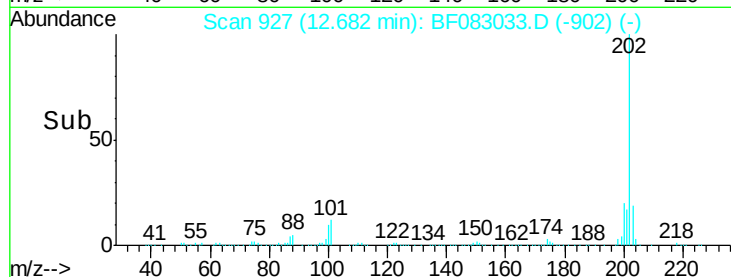
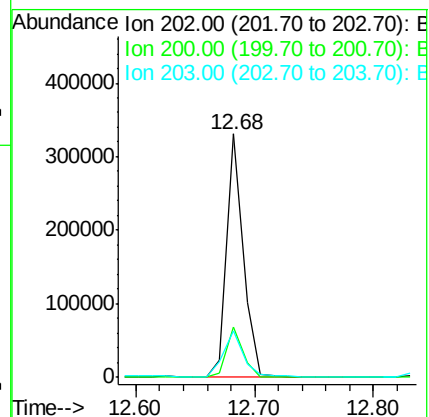
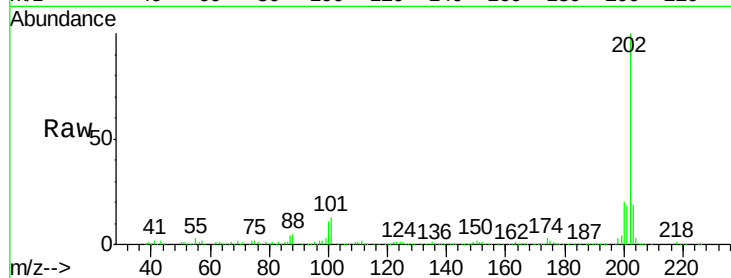
ClientSampleId :

V1S1

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		315291		
200	20.5	18.7	28.1		
203	19.2	14.8	22.2		

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#78

Terphenyl-d14

Concen: 11.68 ng

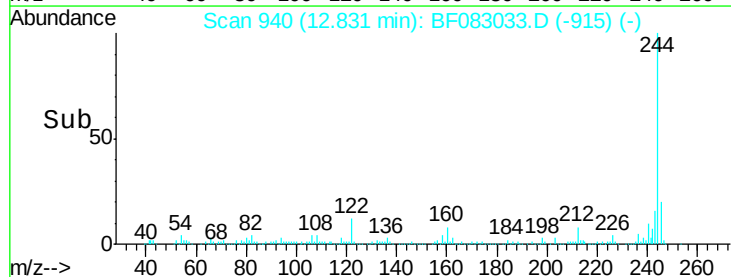
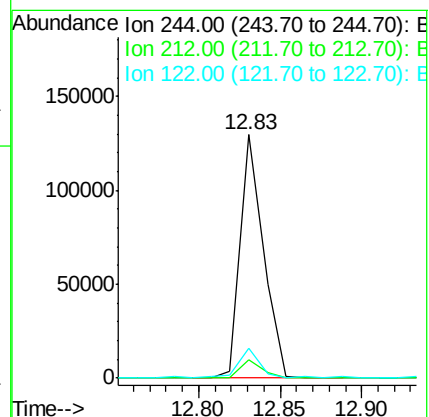
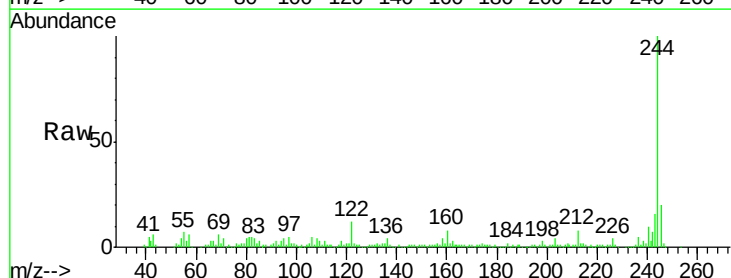
RT: 12.83 min Scan# 940

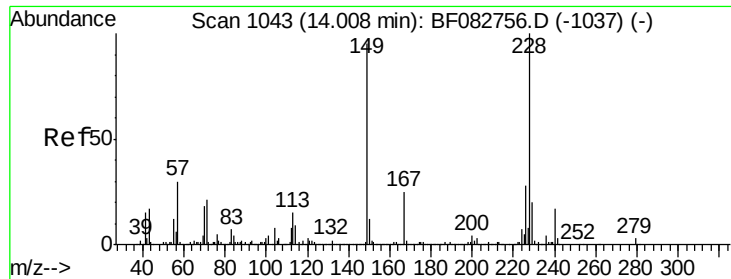
Delta R.T. -0.01 min

Lab File: BF083033.D

Acq: 19 Nov 2015 3:17

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		126427		
212	7.8	7.6	11.4		
122	12.1	11.3	16.9		





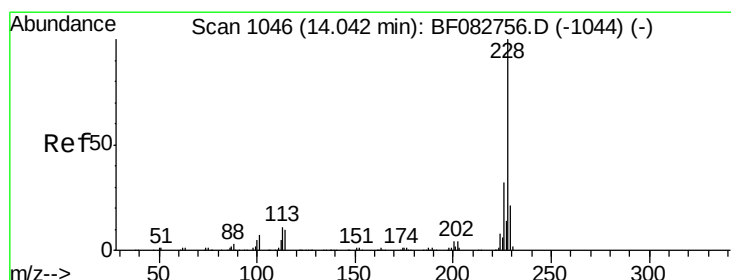
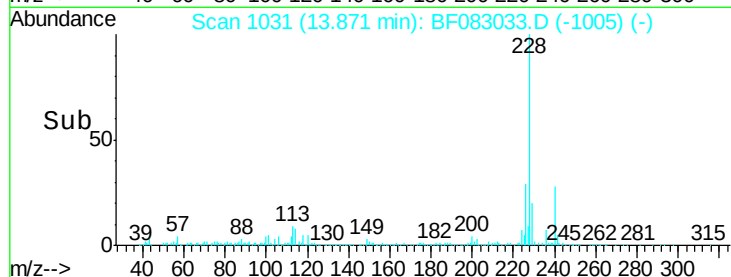
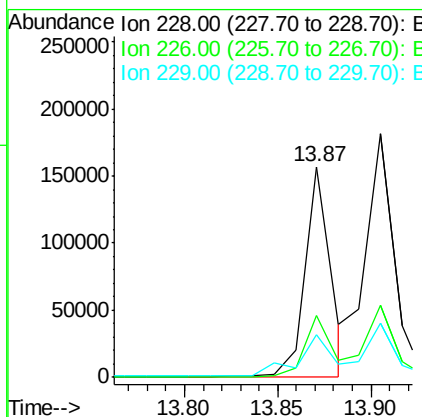
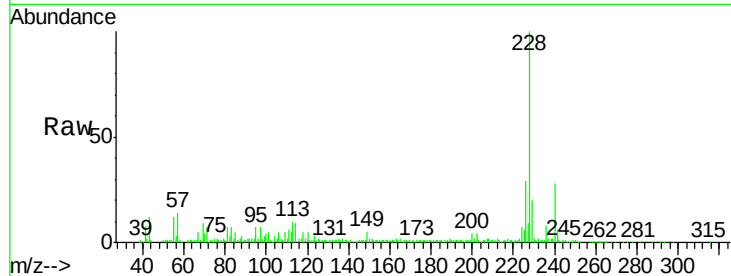
#80
Benzo(a)anthracene
Concen: 9.36 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Instrument :
BNA_F
ClientSampled :
V1S1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	20.0	16.3	24.5

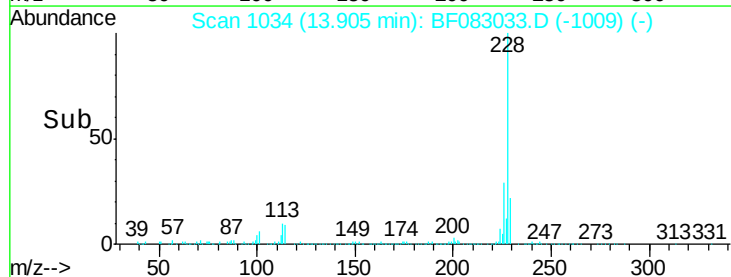
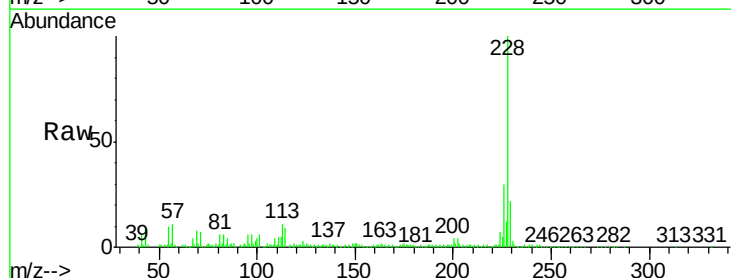
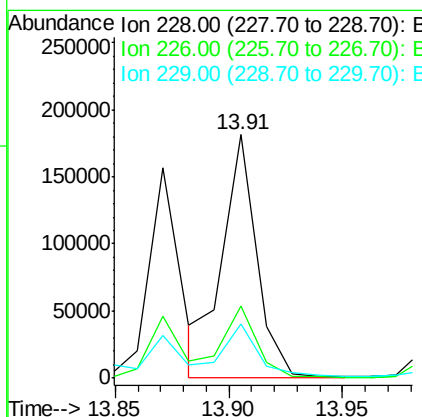
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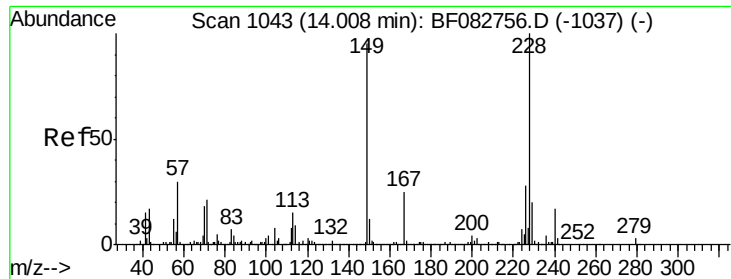
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#82
Chrysene
Concen: 12.87 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.5	38.3
229	22.4	16.3	24.5





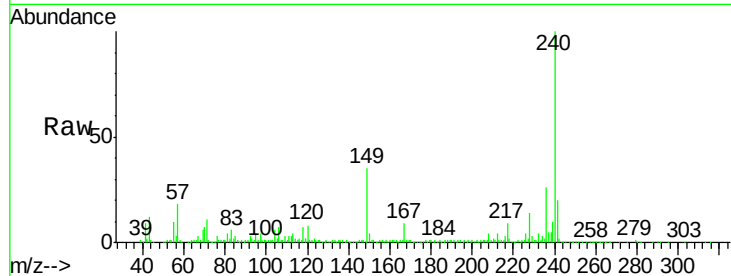
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.44 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

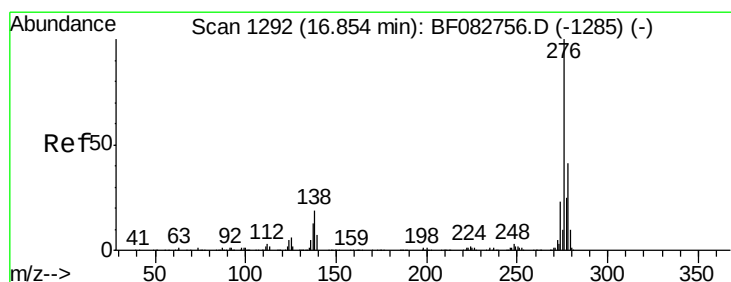
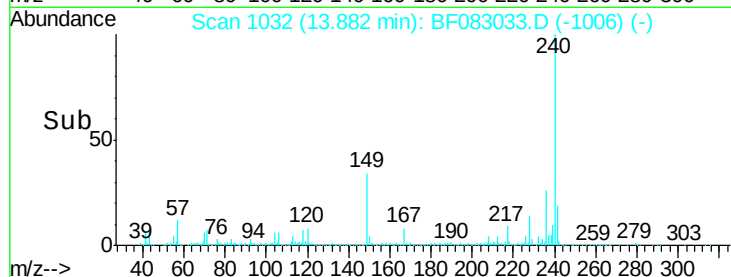
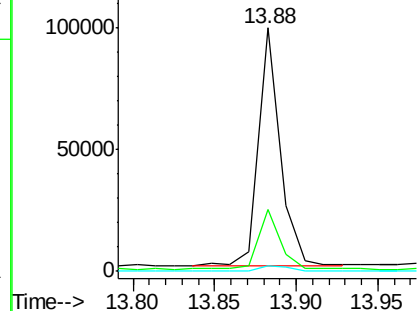
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	89961		
167	25.4	21.2	31.8	
279	2.3	2.2	3.2	

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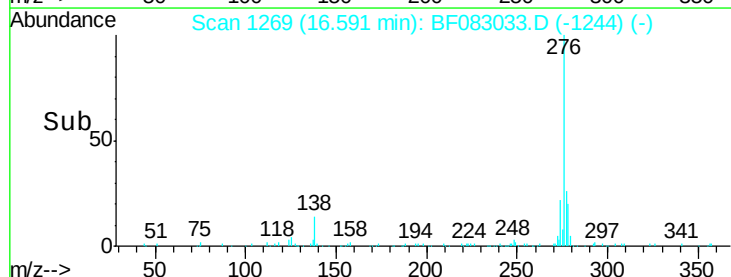
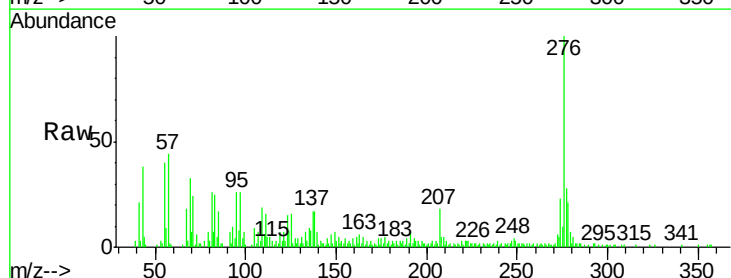
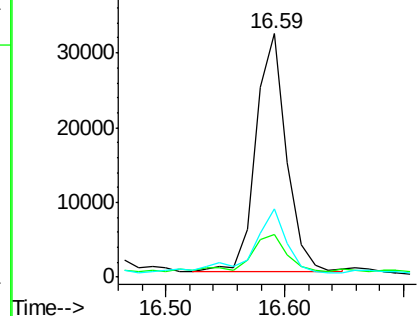
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

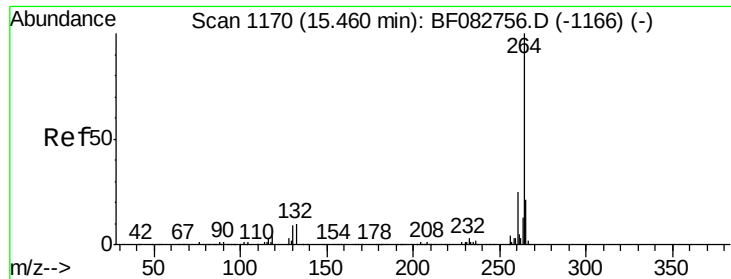


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.51 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	57140		
138	18.7	15.3	22.9	
277	30.4	20.2	30.4#	

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





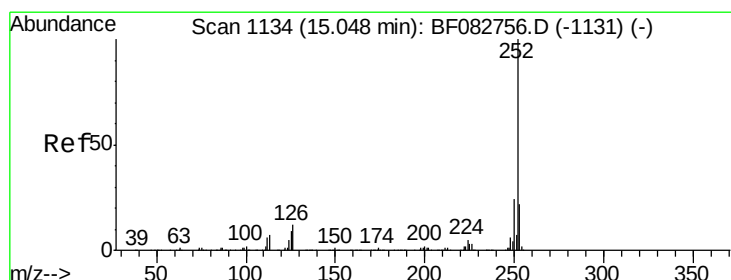
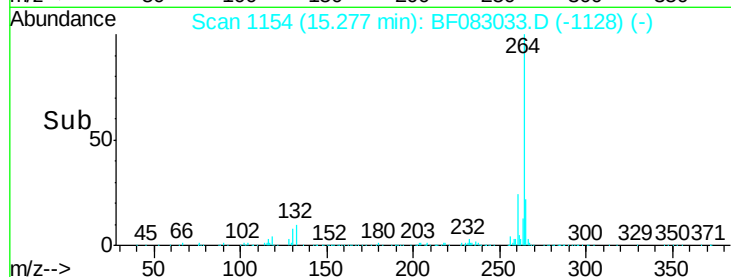
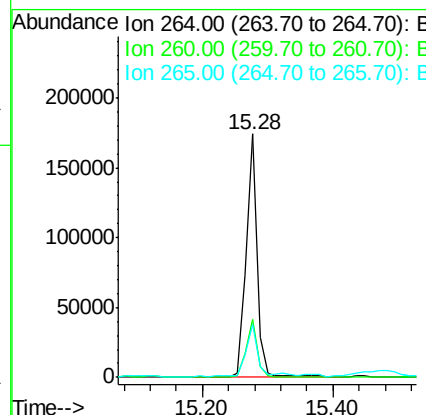
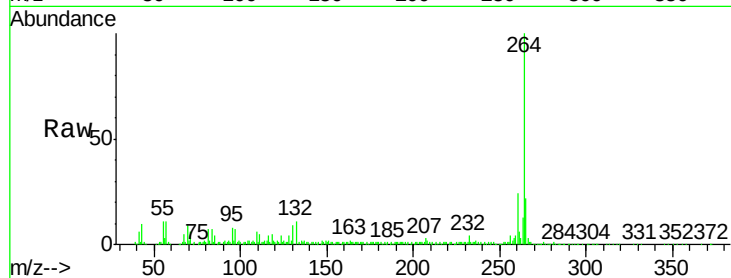
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Instrument :
BNA_F
ClientSampleId :
V1S1

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	195586		
260	24.1	19.8	29.6	
265	21.9	17.4	26.0	

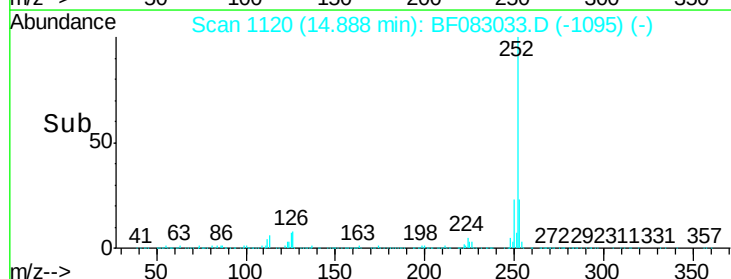
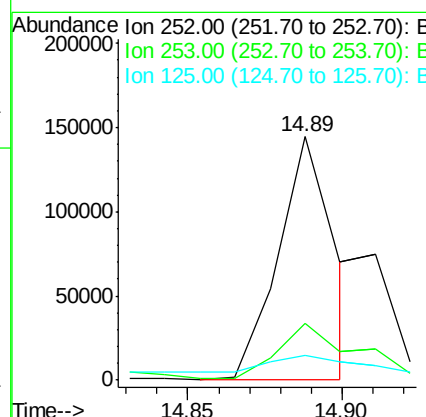
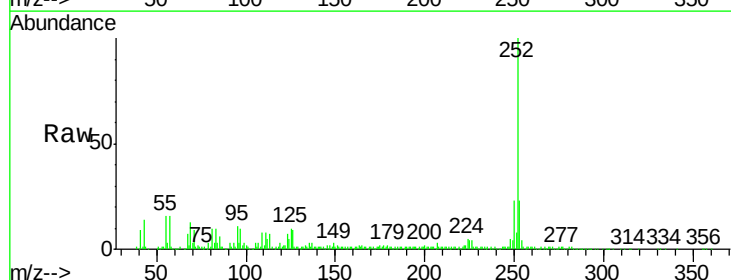
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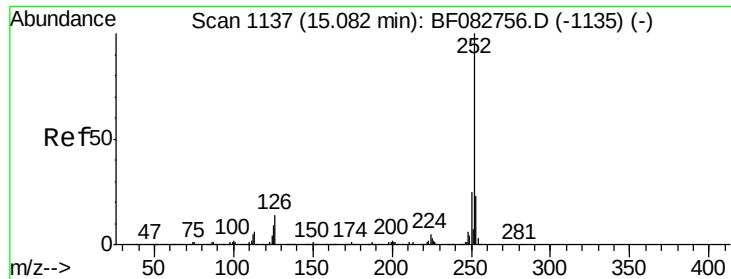
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#87
Benzo(b)fluoranthene
Concen: 14.76 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	185354		
253	23.2	17.8	26.8	
125	10.3	5.4	8.2#	





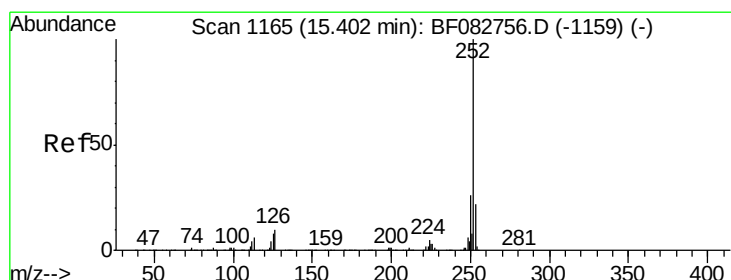
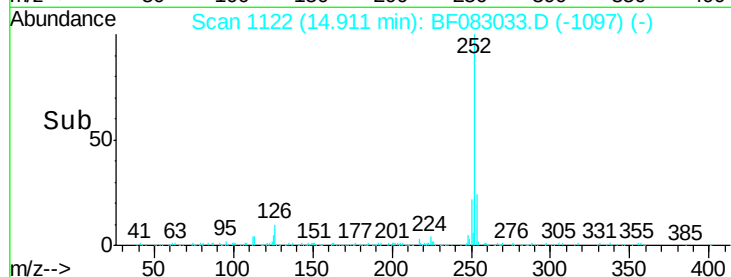
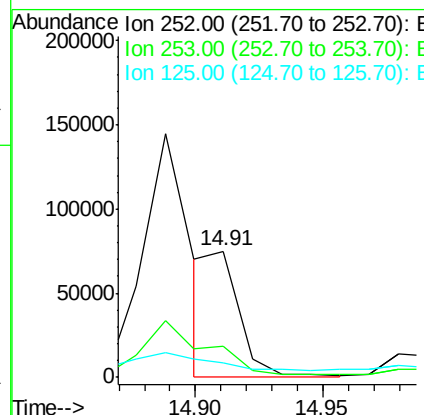
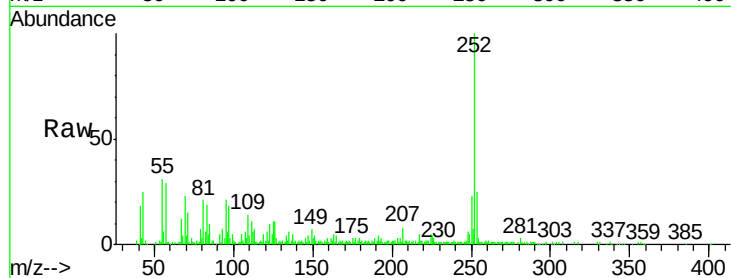
#88
Benzo(k)fluoranthene
Concen: 5.60 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Instrument :
BNA_F
ClientSampleId :
V1S1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	11.5	3.5	5.3#

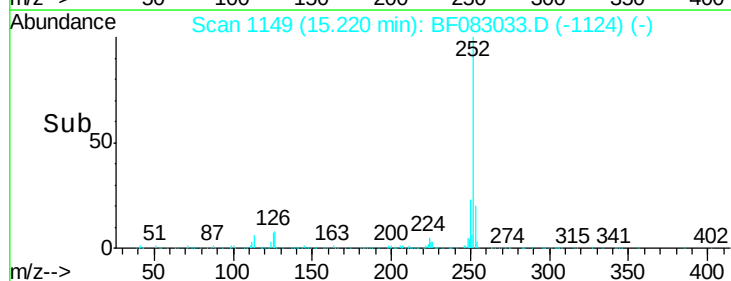
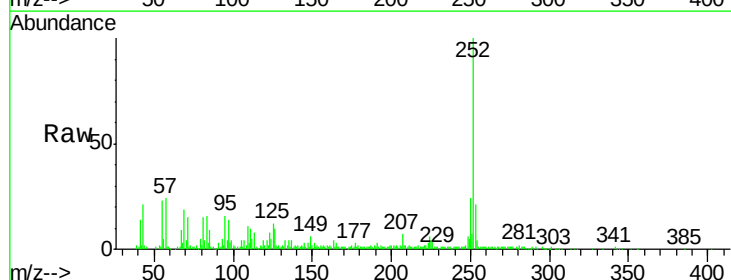
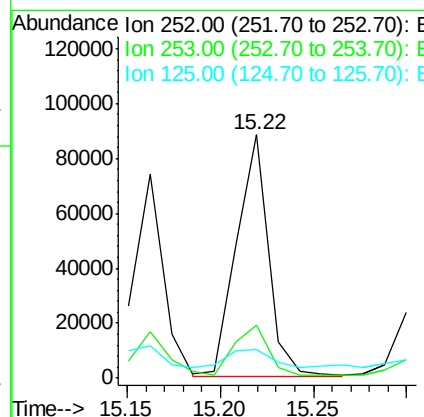
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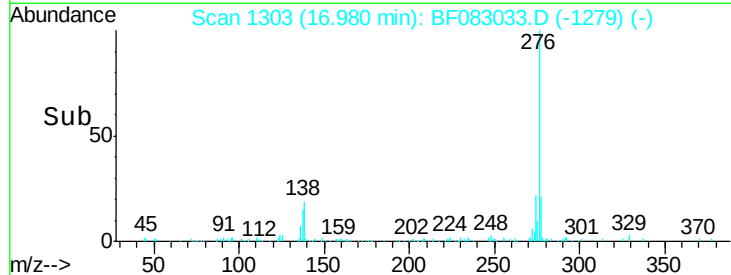
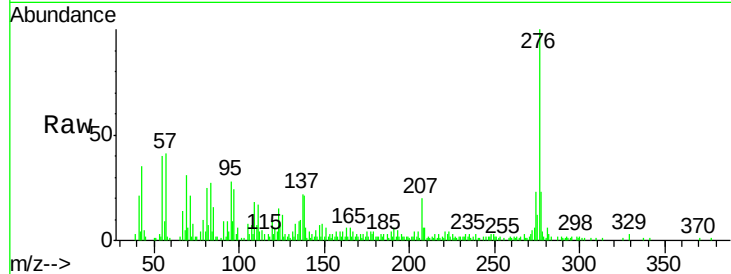
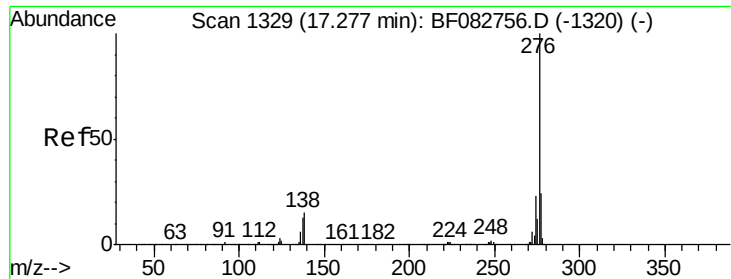
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#89
Benzo(a)pyrene
Concen: 9.71 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083033.D
Acq: 19 Nov 2015 3:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.5	7.1	10.7#





#91
 Benzo(g,h,i)perylene
 Concen: 6.42 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083033.D
 Acq: 19 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 V1S1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.2	13.1	19.7

Manual Integrations
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