

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083265.D
 Acq On : 25 Nov 2015 5:01
 Operator : UM/IZ
 Sample : G4440-04 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V1S4

Manual Integrations
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Quant Time: Nov 25 06:01:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	184848m	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	698888	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	305585	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	460174	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	462412	20.00	ng	-0.06
86) Perylene-d12	15.11	264	420031	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	324825	26.57	ng	-0.08
7) Phenol-d6	6.27	99	465031	29.40	ng	-0.07
23) Nitrobenzene-d5	7.18	82	275016	17.98	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	61610	19.71	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	386284	17.63	ng	-0.05
78) Terphenyl-d14	12.71	244	291097	14.82	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	87010	3.70	ng	97
70) Phenanthrene	11.14	178	265636	10.02	ng	98
71) Anthracene	11.20	178	63671	2.35	ng	100
74) Fluoranthene	12.33	202	637702	23.50	ng	96
77) Pyrene	12.55	202	494943	15.67	ng	95
79) Butylbenzylphthalate	13.19	149	45739	3.06	ng	92
80) Benzo(a)anthracene	13.74	228	283573	9.92	ng	99
82) Chrysene	13.77	228	242174	9.13	ng	96
83) Bis(2-ethylhexyl)phthalate	13.76	149	419182	21.47	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.35	276	107753	4.47	ng	98
87) Benzo(b)fluoranthene	14.74	252	298583m	10.40	ng	
88) Benzo(k)fluoranthene	14.75	252	119281m	5.58	ng	
89) Benzo(a)pyrene	15.05	252	186554	7.87	ng	# 88
91) Benzo(g,h,i)perylene	16.72	276	93337	4.44	ng	# 89

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

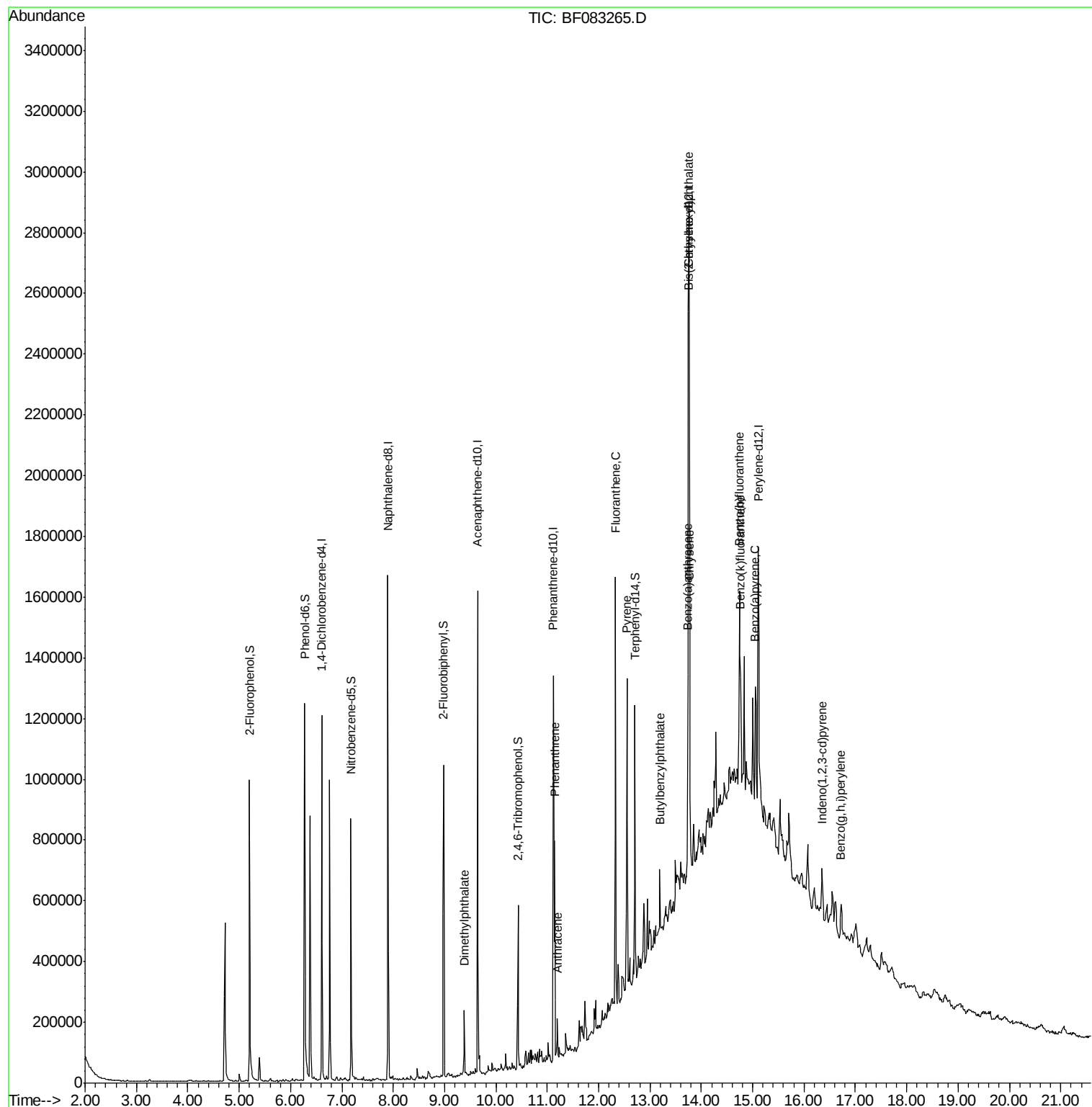
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
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Sample : G4440-04 5X
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ALS Vial : 28 Sample Multiplier: 1

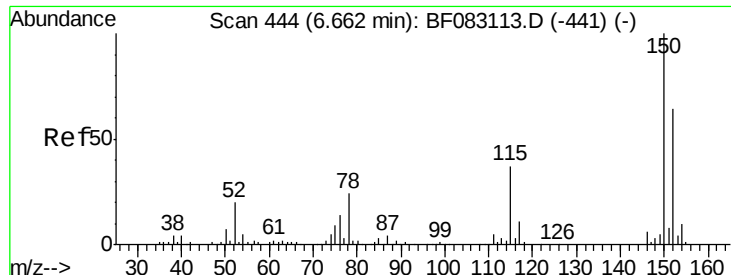
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 25 06:01:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

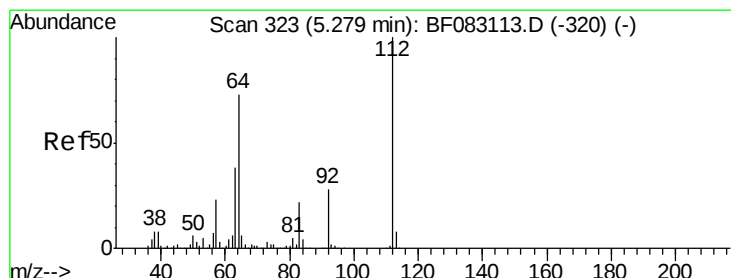
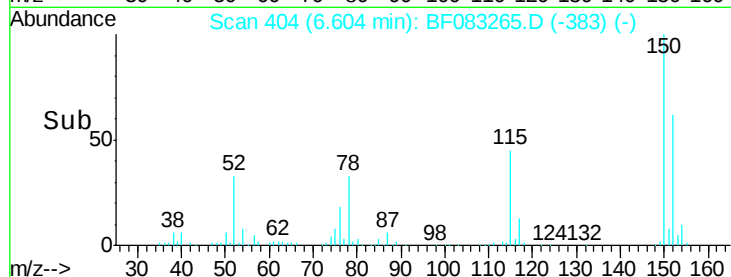
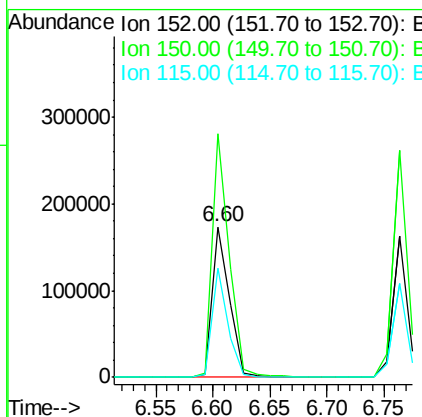
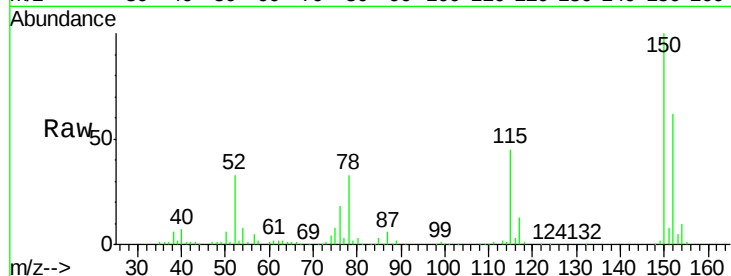
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.60 min Scan# 404
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	184848		
150	161.6	125.8	188.8	
115	72.7	46.9	70.3	

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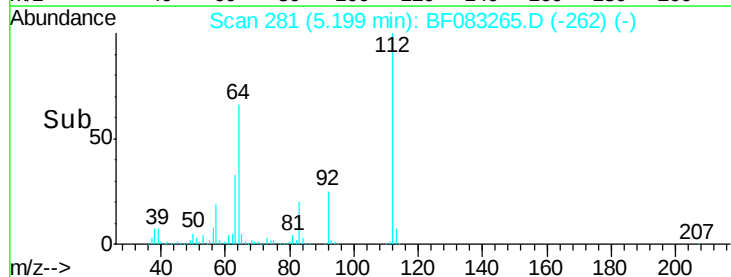
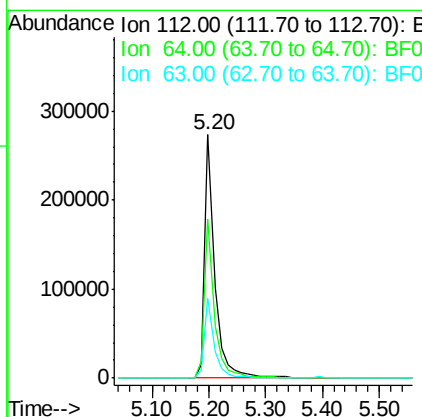
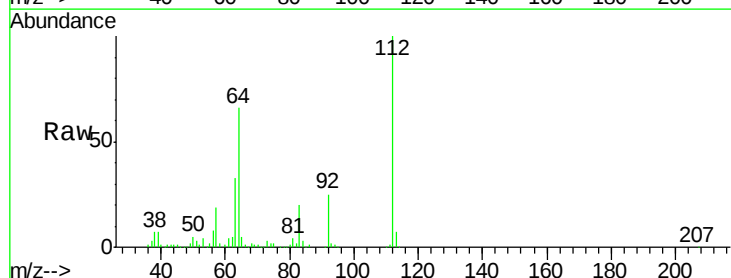
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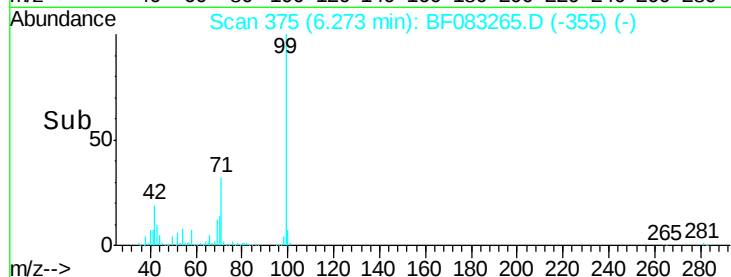
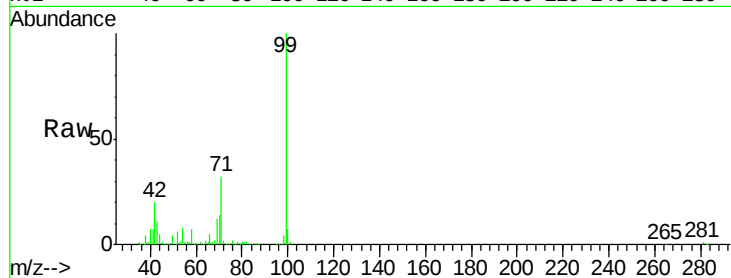
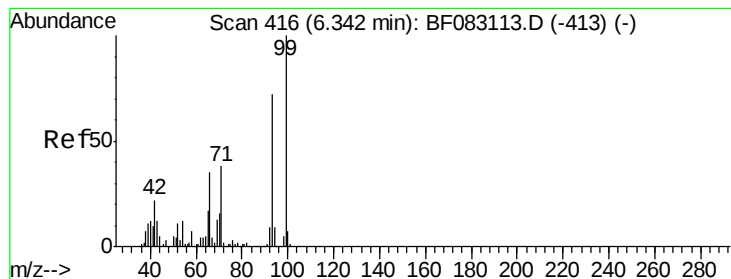


#5

2-Fluorophenol
Concen: 26.57 ng
RT: 5.20 min Scan# 281
Delta R.T. -0.08 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	324825		
64	65.5	58.4	87.6	
63	32.8	30.0	45.0	





#7

Phenol-d6

Concen: 29.40 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083265.D

Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.7	26.5
71	32.1	30.2	45.4

Instrument :

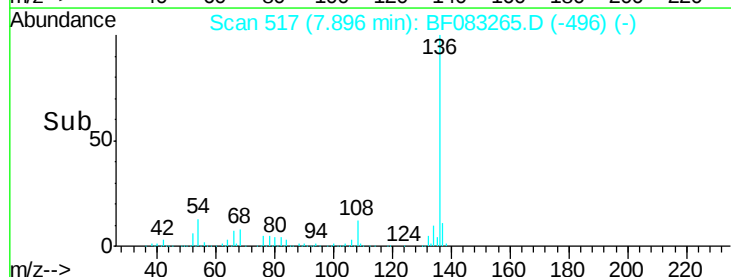
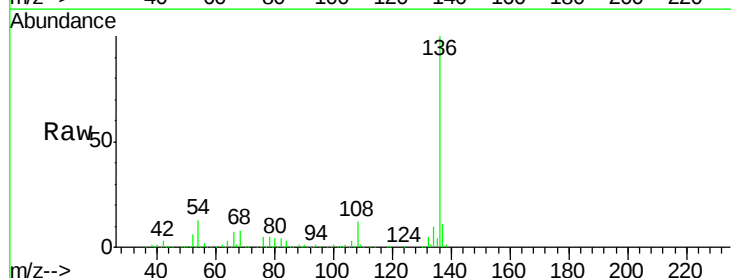
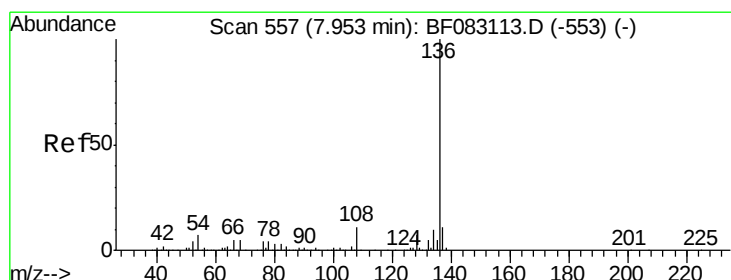
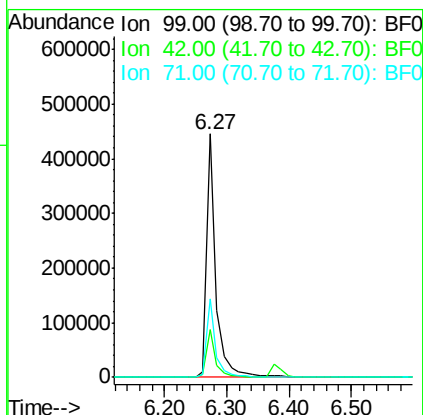
BNA_F

ClientSampleId :

V1S4

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#21

Naphthalene-d8

Concen: 20.00 ng

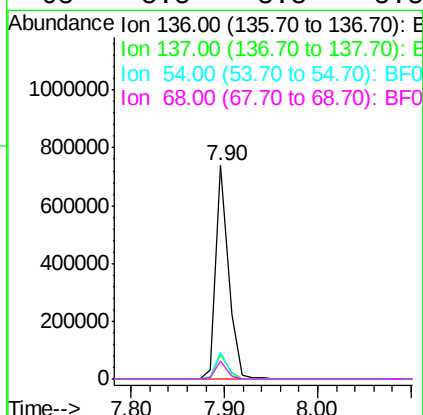
RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083265.D

Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.5	5.8	8.6#
68	8.5	3.8	5.8#





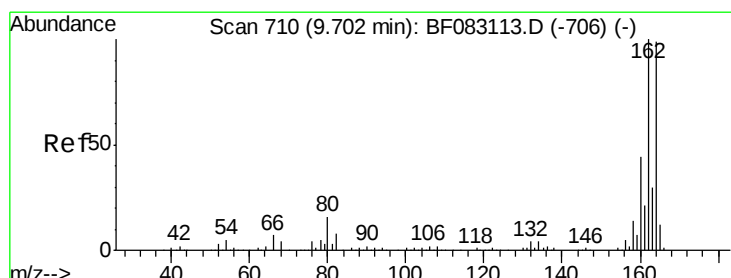
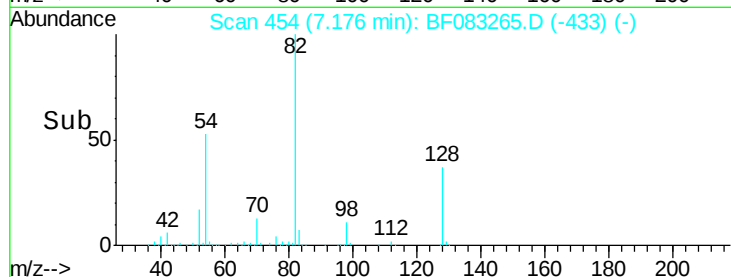
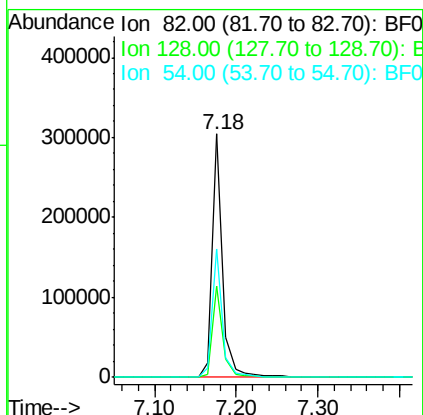
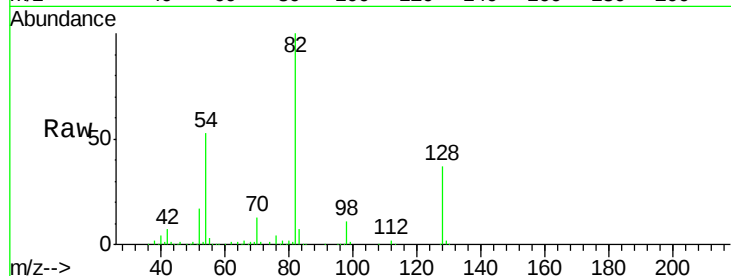
#23
 Nitrobenzene-d5
 Concen: 17.98 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 V1S4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.5	42.7
54	52.7	44.6	67.0

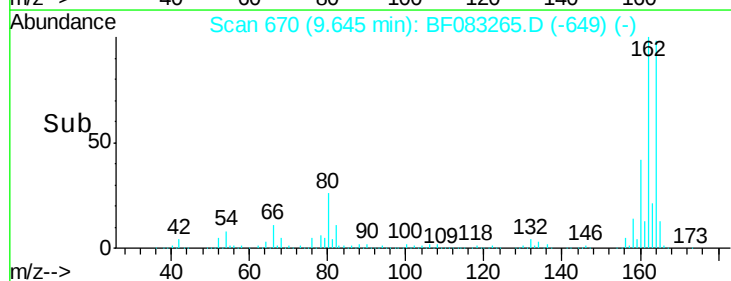
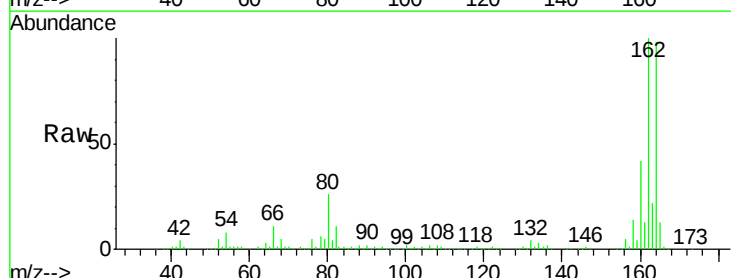
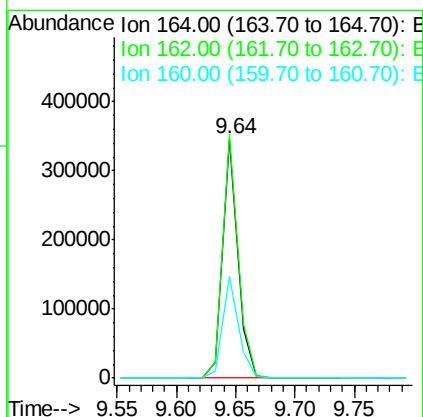
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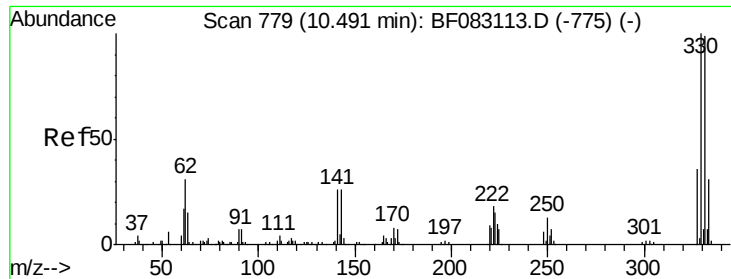
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

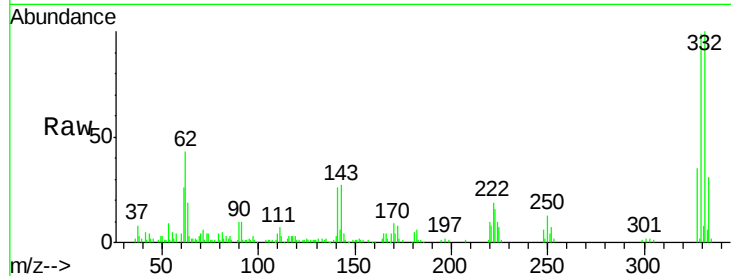
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	42.6	35.6	53.4





#41
 2,4,6-Tribromophenol
 Concen: 19.71 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

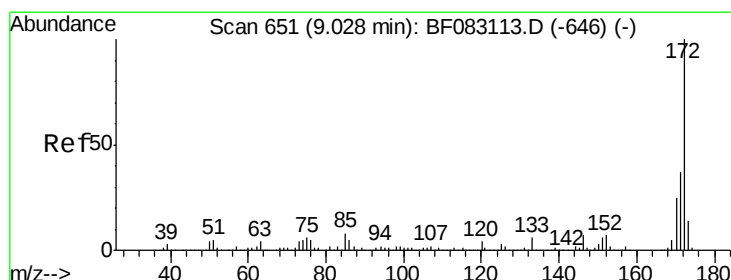
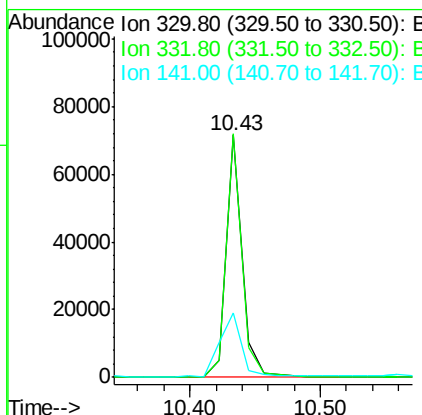
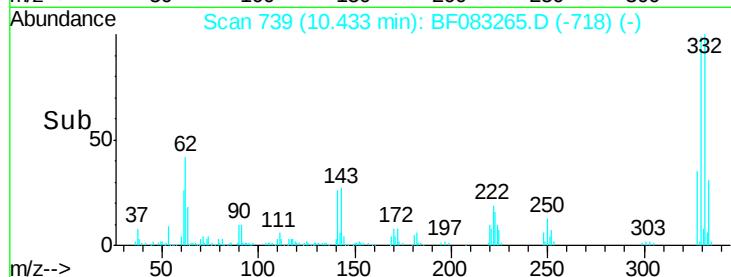
Instrument :
 BNA_F
 ClientSampleId :
 V1S4



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	61610		
332	98.4	77.7	116.5	
141	39.2	29.7	44.5	

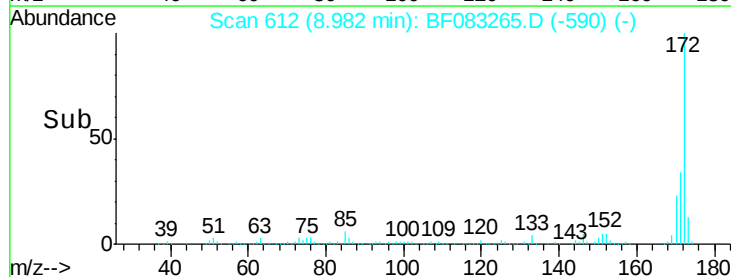
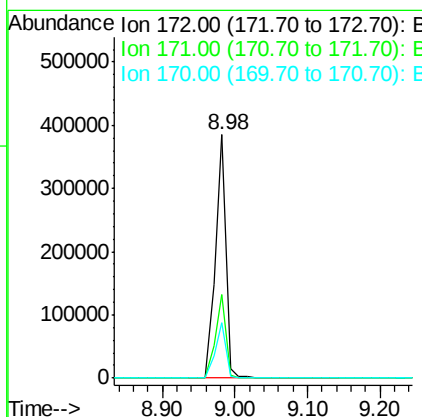
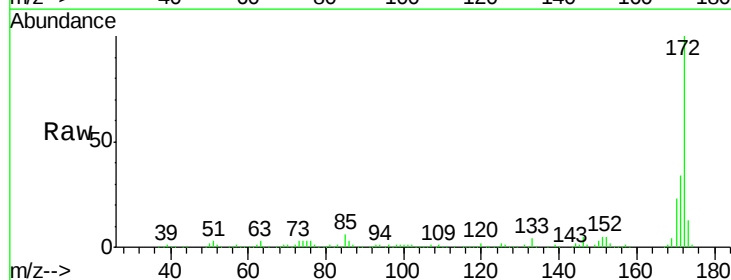
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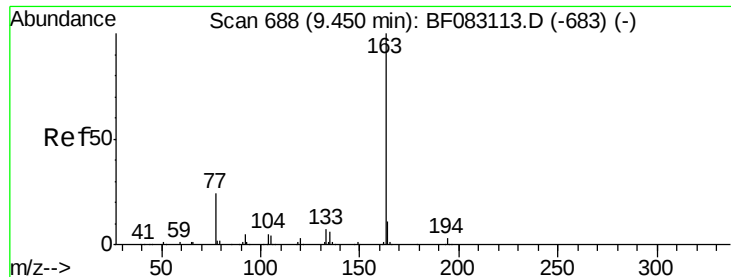
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#44
 2-Fluorobiphenyl
 Concen: 17.63 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	386284		
171	34.4	29.5	44.3	
170	22.9	19.9	29.9	





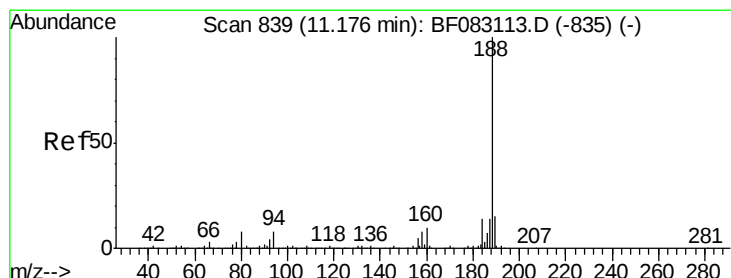
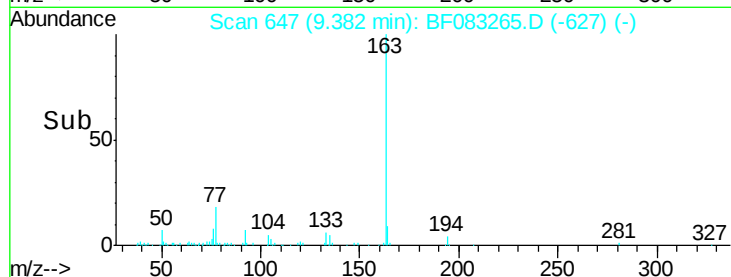
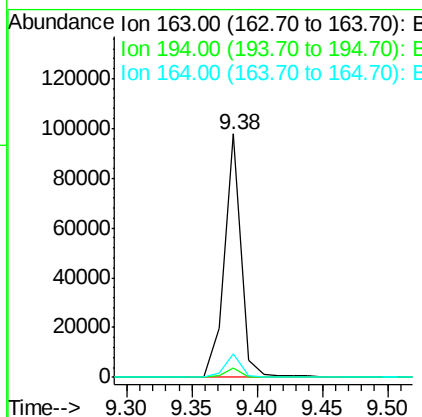
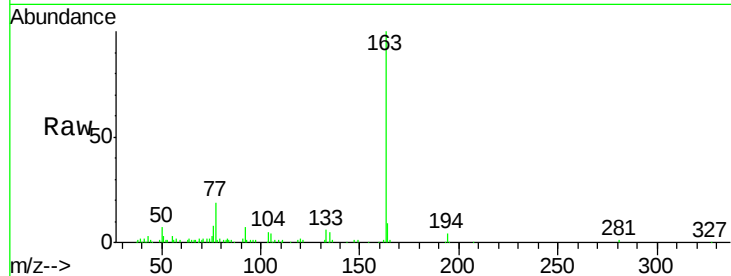
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87010		
194	3.6	2.6	4.0	
164	9.4	8.6	12.8	

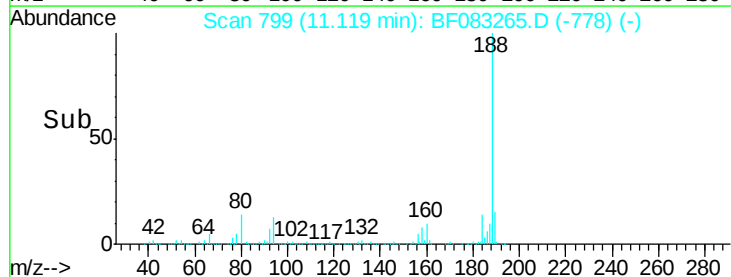
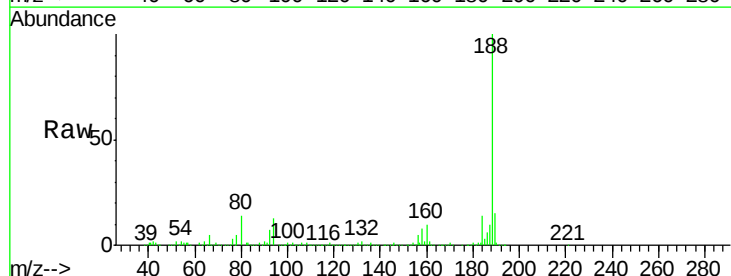
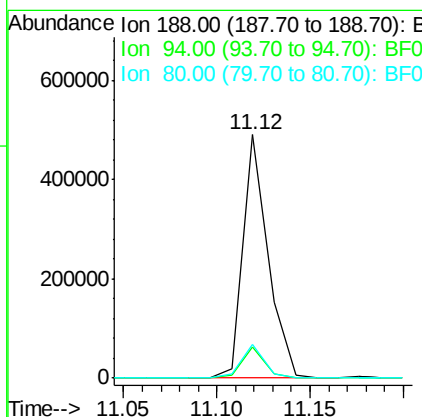
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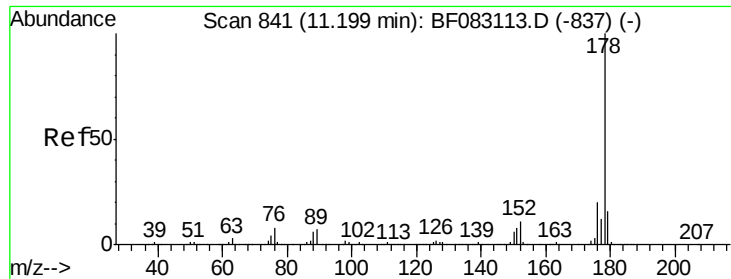
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	460174		
94	12.8	6.0	9.0#	
80	14.0	6.7	10.1#	





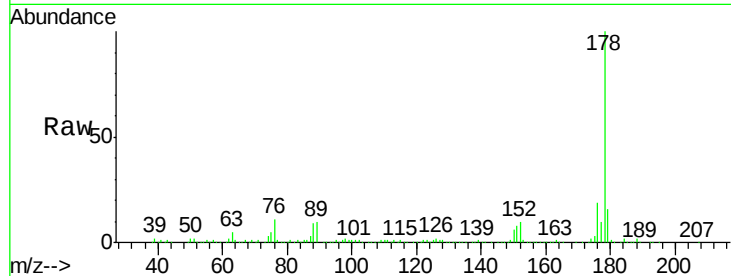
#70
Phenanthrene
Concen: 10.02 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

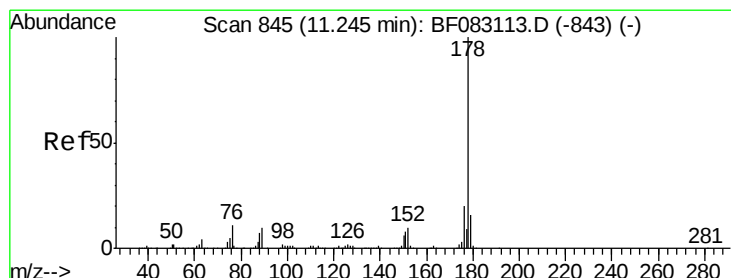
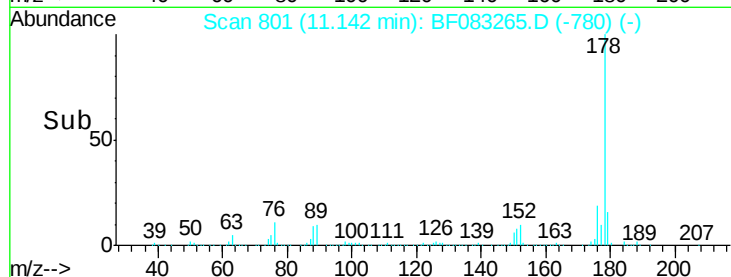
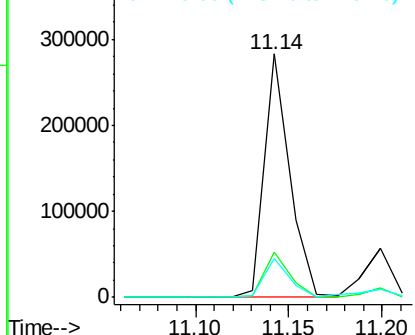
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.8	12.8	19.2

Manual Integrations
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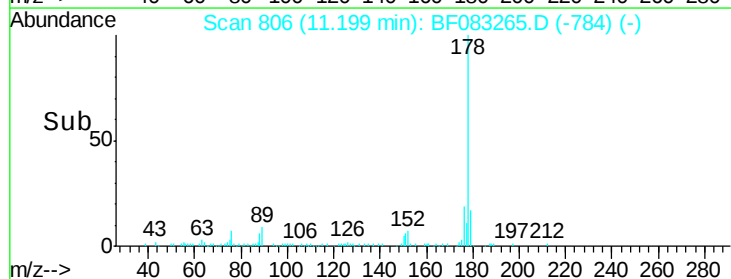
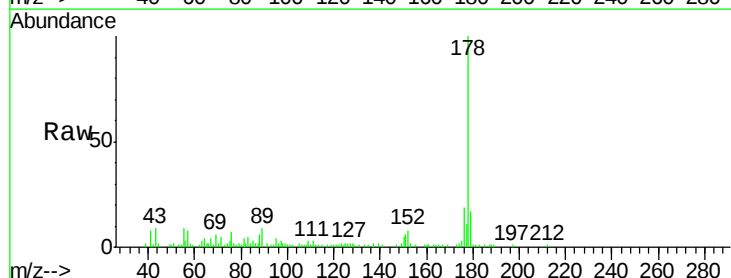
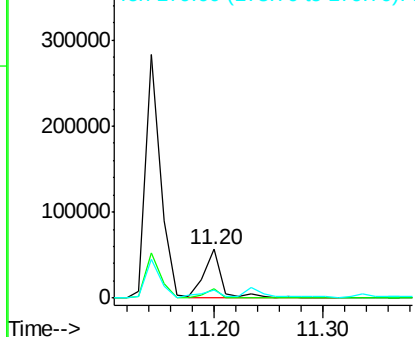
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Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

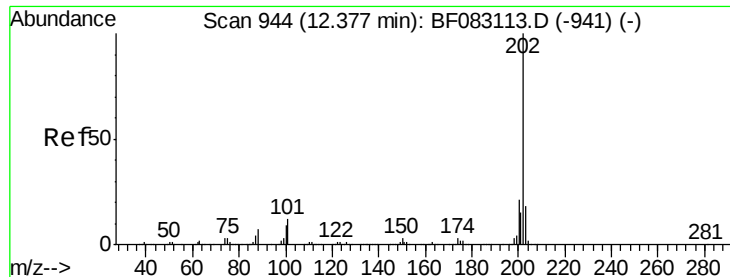


#71
Anthracene
Concen: 2.35 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.7	13.2	19.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





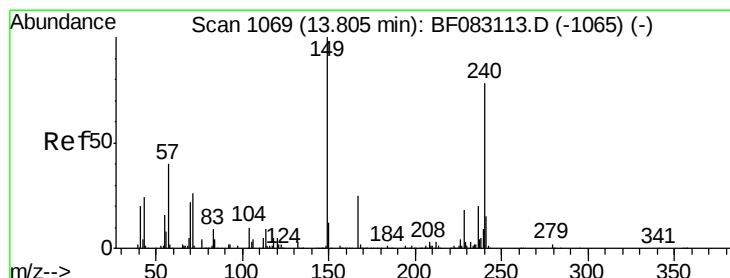
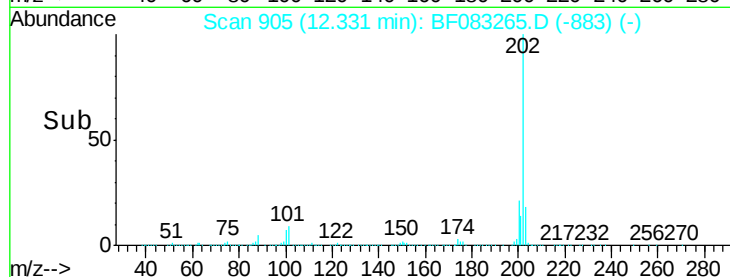
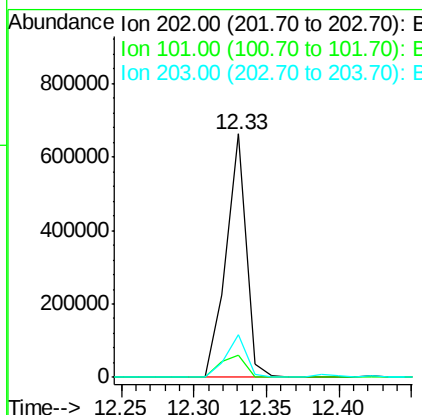
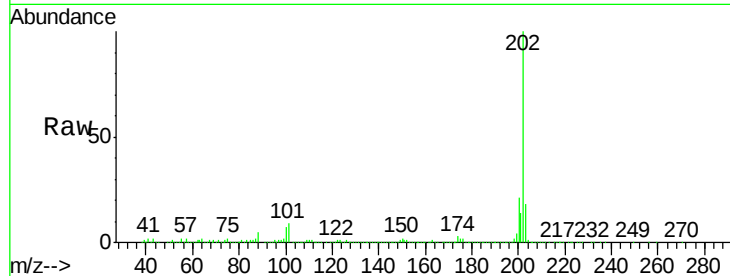
#74
Fluoranthene
Concen: 23.50 ng
RT: 12.33 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	0.0	32.3
203	17.7	0.0	38.4

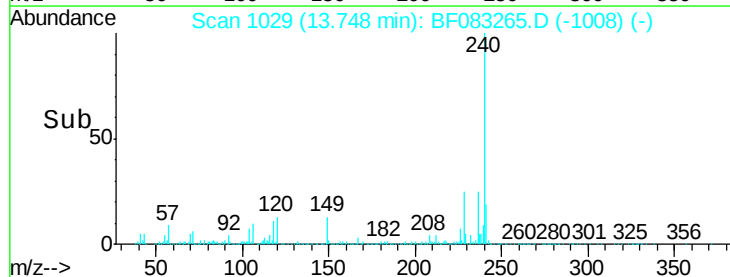
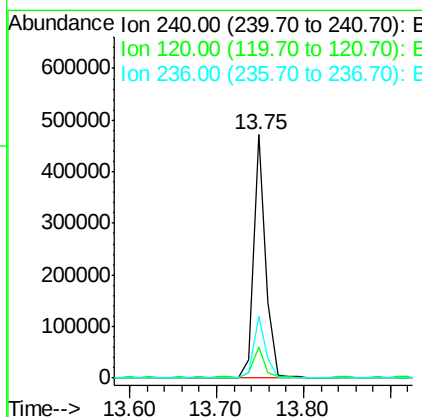
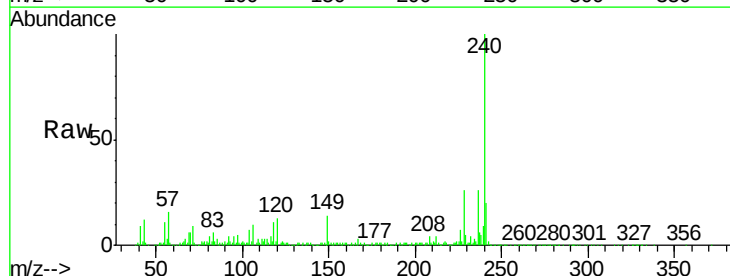
Manual Integrations
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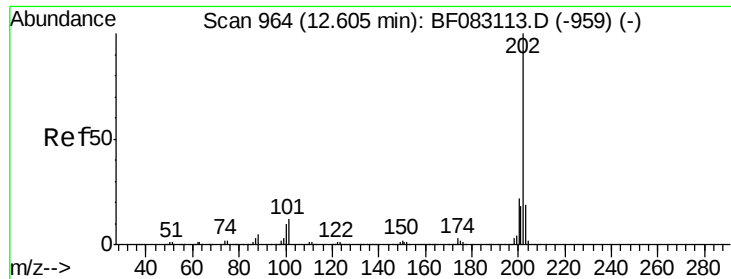
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.8	5.4	8.2#
236	25.6	20.6	31.0





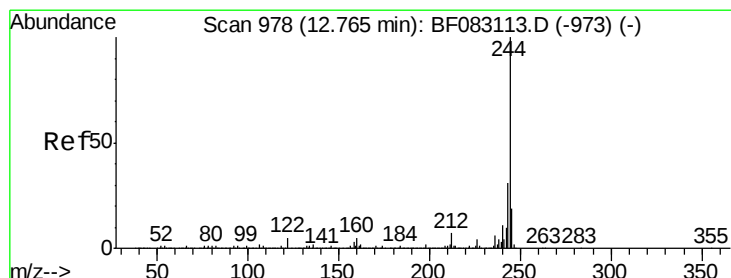
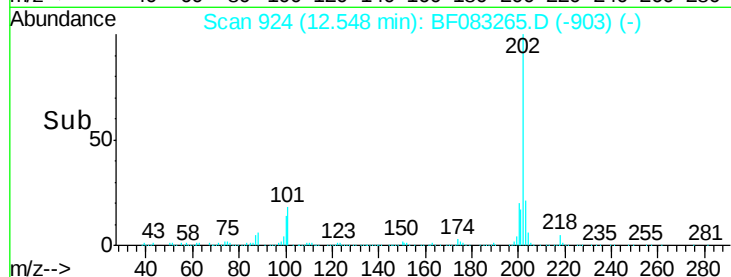
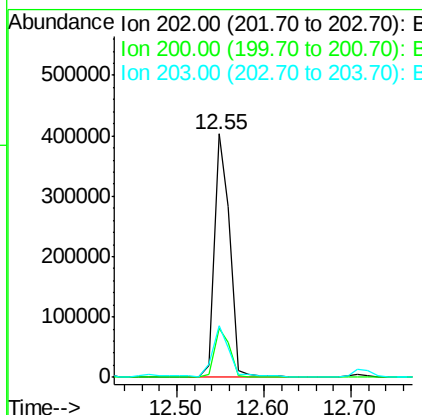
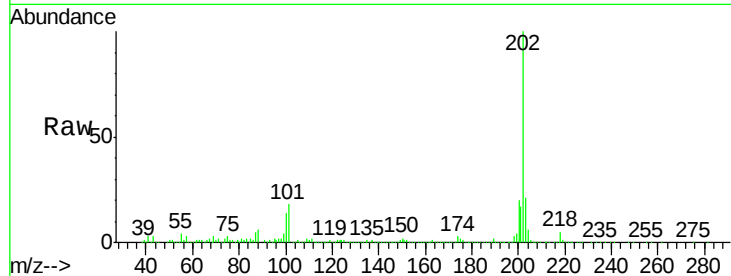
#77
 Pyrene
 Concen: 15.67 ng
 RT: 12.55 min Scan# 924
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 V1S4

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		494943		
200	20.0	17.8	26.6		
203	21.2	15.0	22.4		

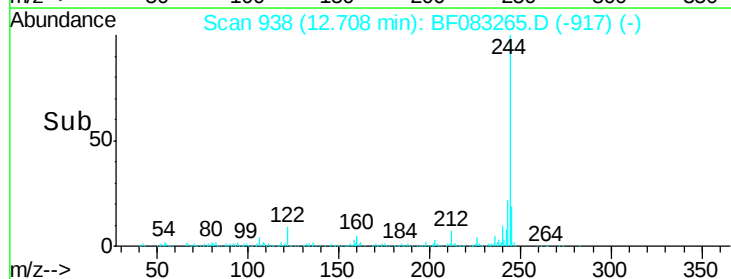
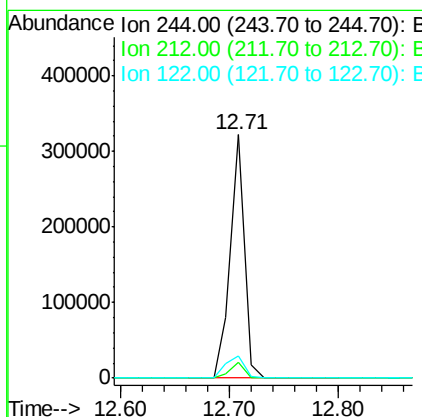
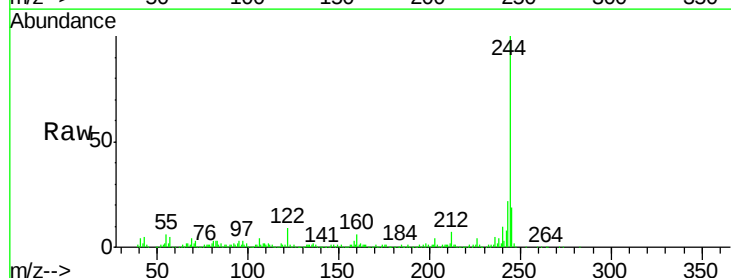
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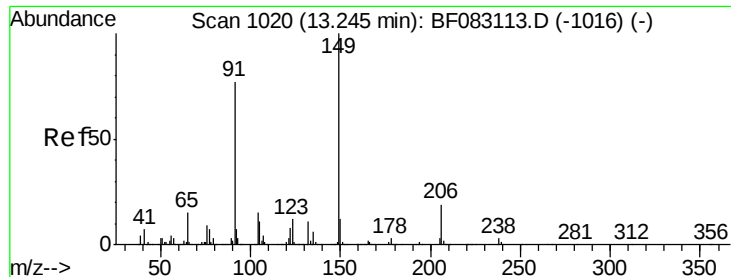
Mmdadoda
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#78
 Terphenyl-d14
 Concen: 14.82 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		291097		
212	6.5	5.4	8.2		
122	9.0	4.3	6.5#		





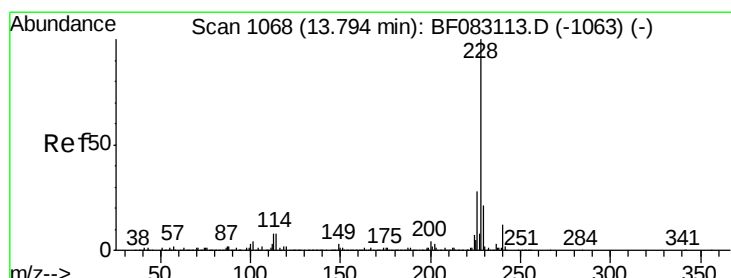
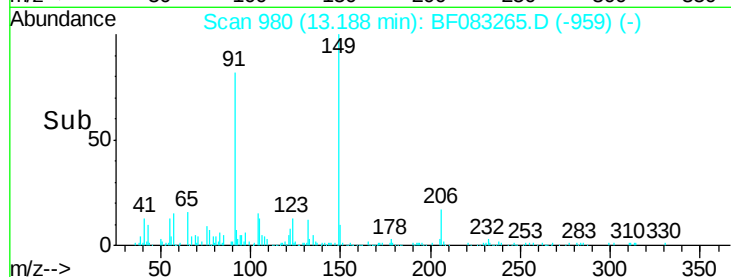
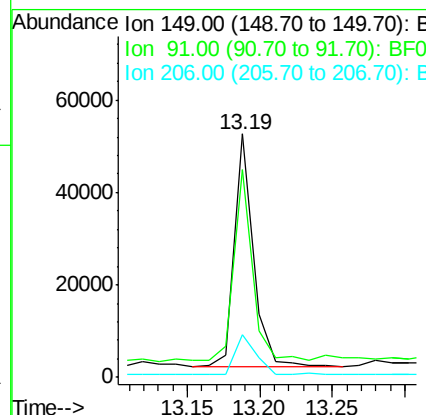
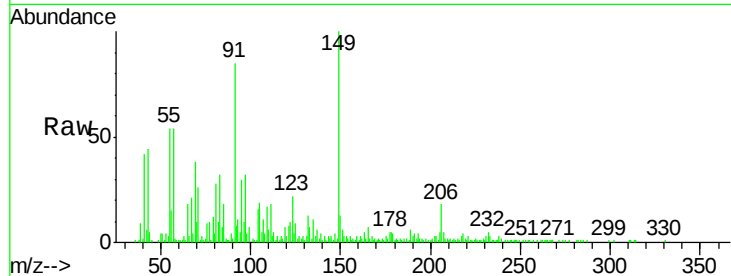
#79
Butylbenzylphthalate
Concen: 3.06 ng
RT: 13.19 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	85.2	61.5	92.3
206	17.7	15.3	22.9

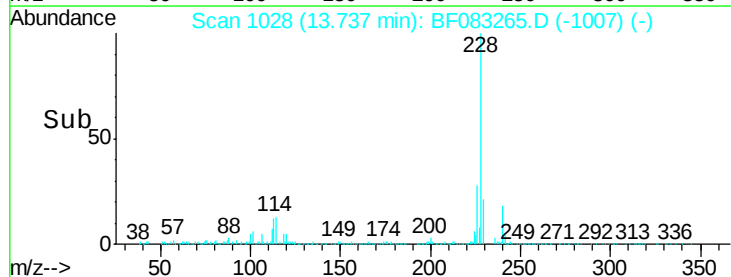
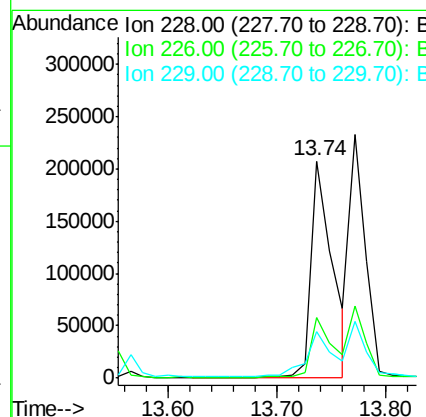
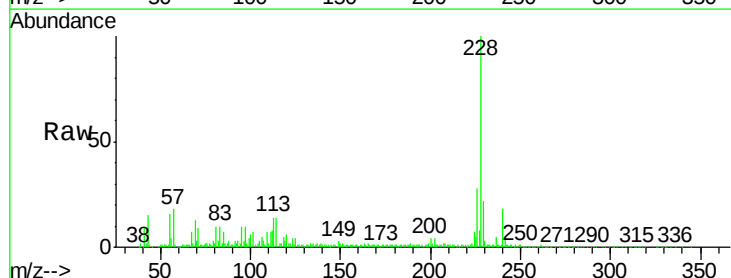
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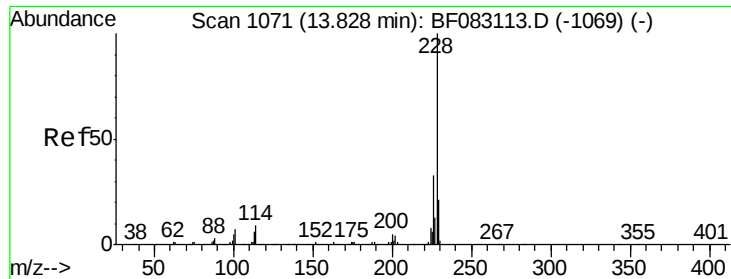
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 9.92 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.6	16.6	24.8





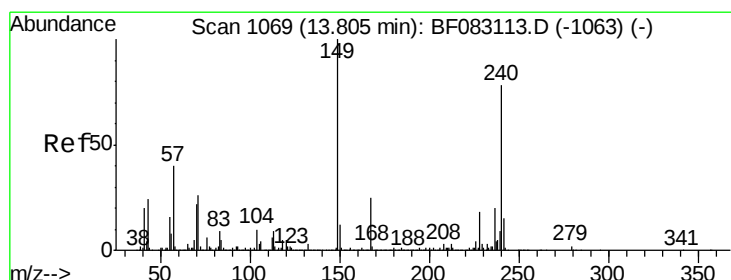
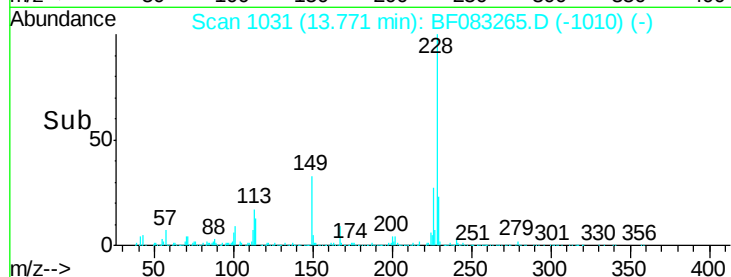
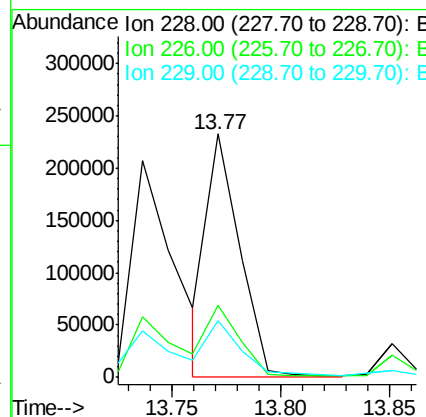
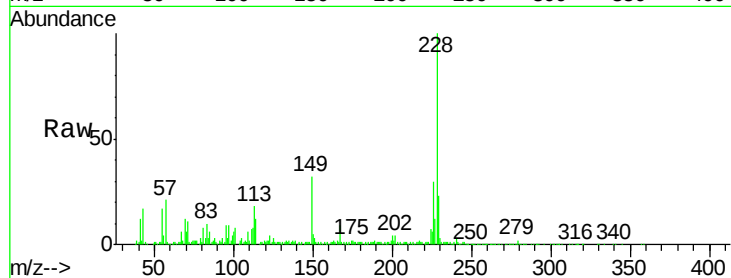
#82
 Chrysene
 Concen: 9.13 ng
 RT: 13.77 min Scan# 1031
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 V1S4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	242174		
226	29.6	25.5	38.3	
229	23.2	16.6	25.0	

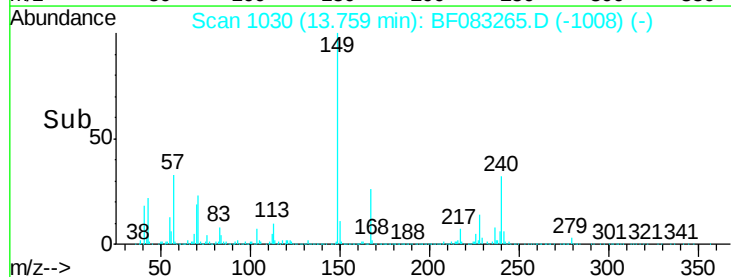
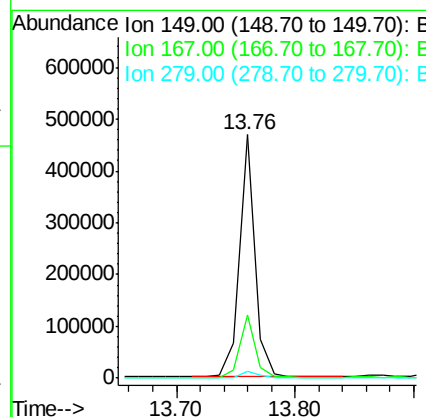
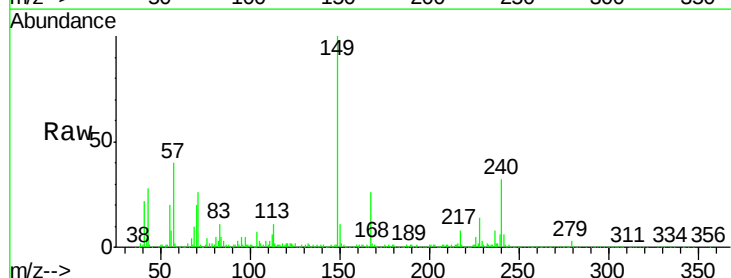
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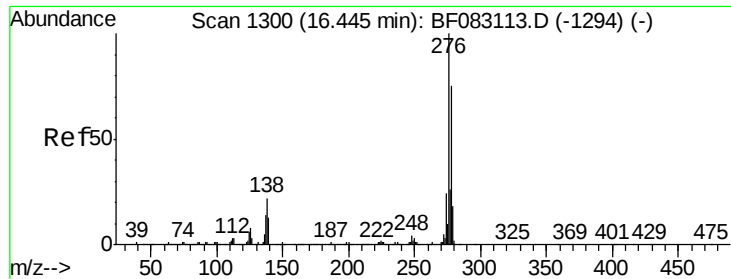
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.47 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419182		
167	26.0	20.1	30.1	
279	2.6	1.7	2.5#	





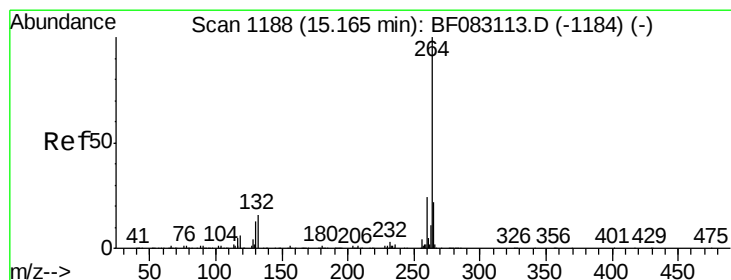
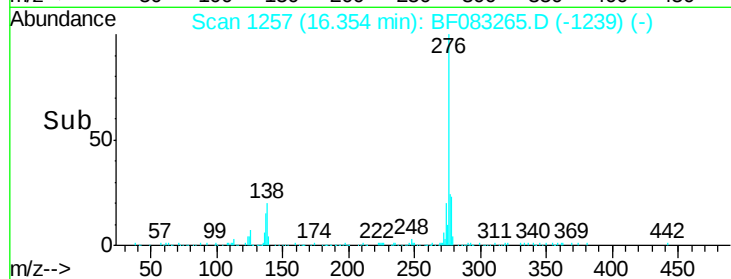
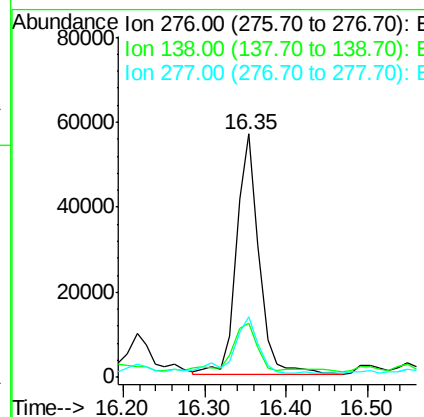
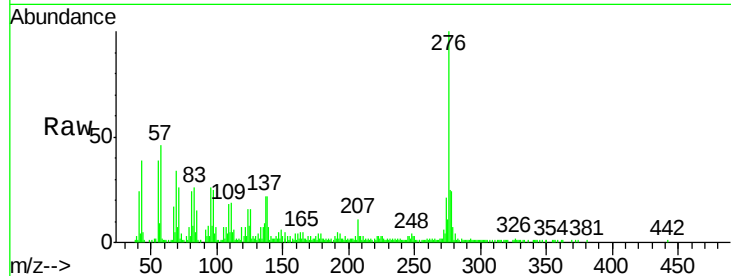
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.47 ng
 RT: 16.35 min Scan# 1257
 Delta R.T. -0.09 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 V1S4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.0	27.0
277	27.0	20.2	30.4

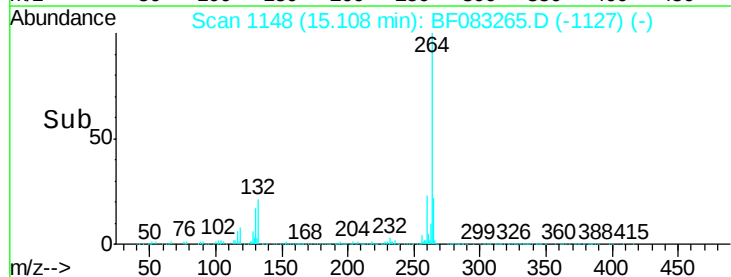
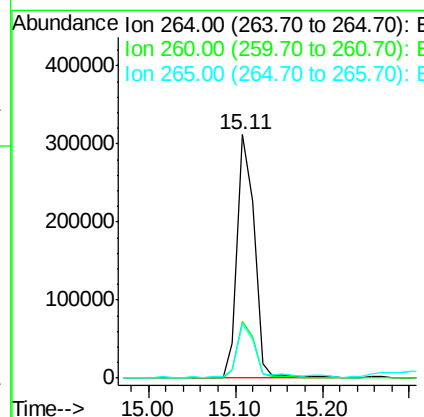
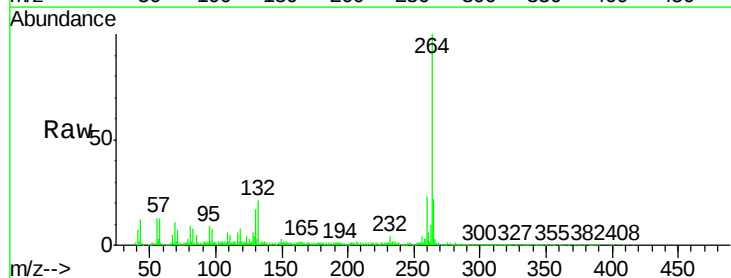
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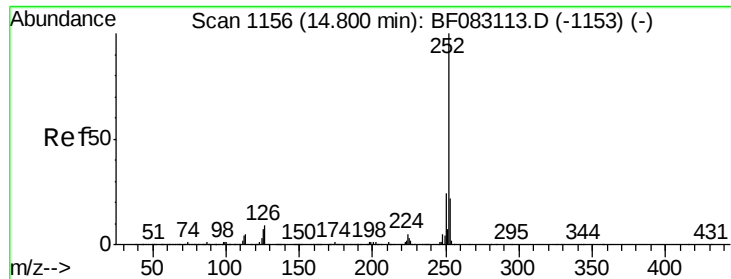
Mmdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083265.D
 Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.3	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 10.40 ng m

RT: 14.74 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF083265.D

Acq: 25 Nov 2015 5:01

Instrument :

BNA_F

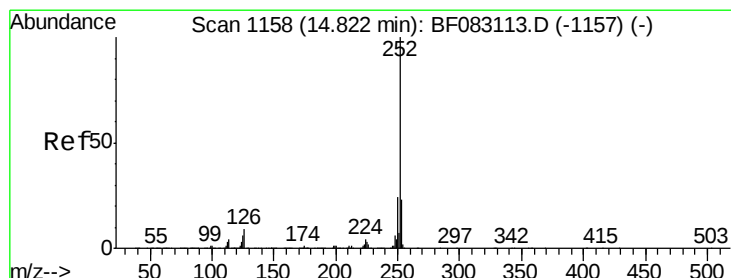
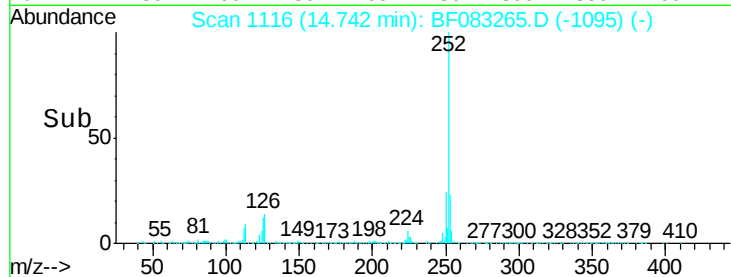
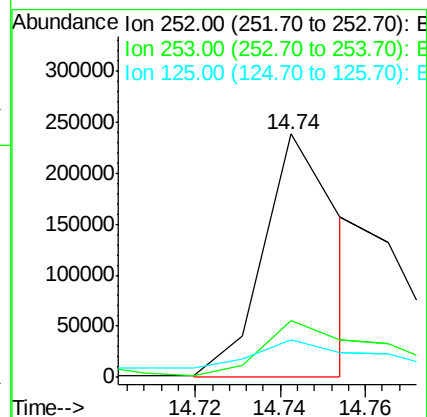
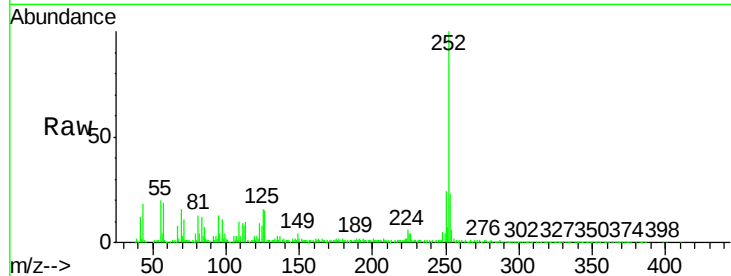
ClientSampleId :

V1S4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	298583		
253	23.4	17.7	26.5	
125	15.6	5.6	8.4#	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 5.58 ng m

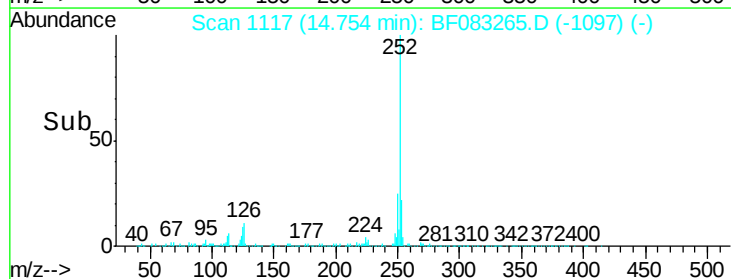
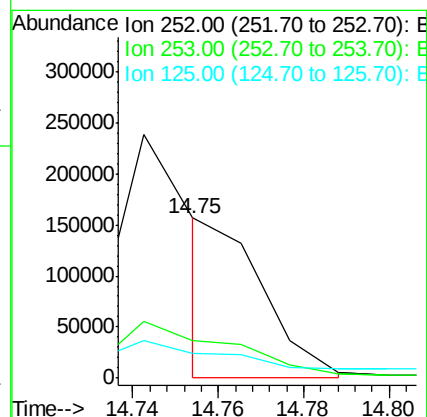
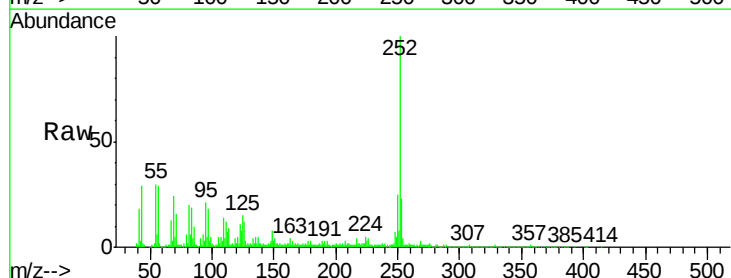
RT: 14.75 min Scan# 1117

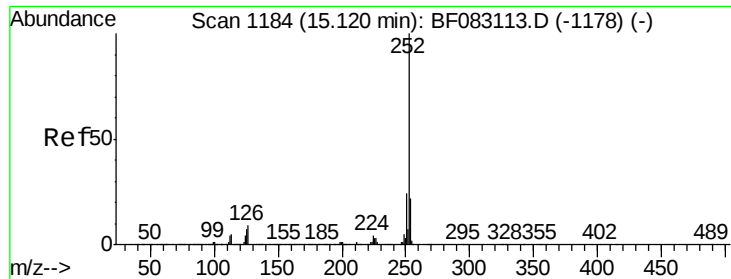
Delta R.T. -0.07 min

Lab File: BF083265.D

Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119281		
253	23.2	18.2	27.2	
125	15.2	6.8	10.2#	





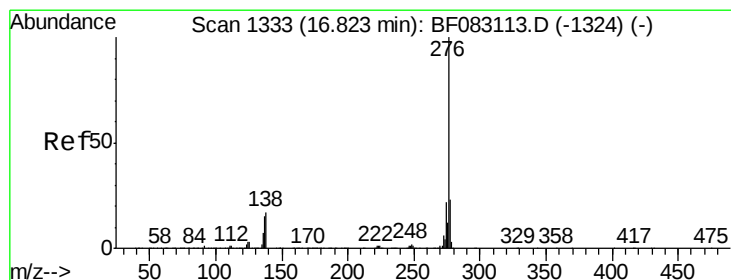
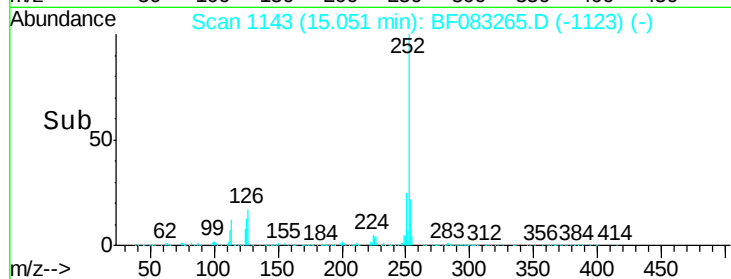
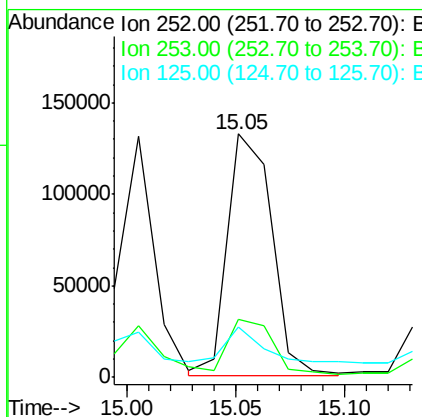
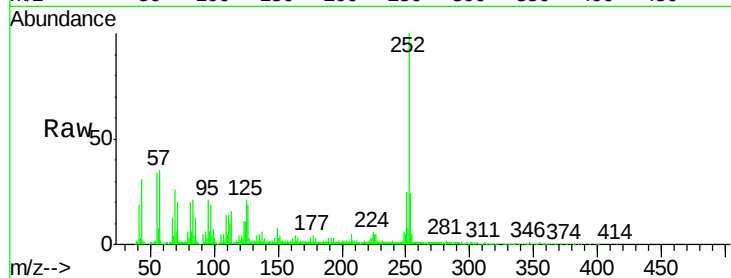
#89
Benzo(a)pyrene
Concen: 7.87 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.5	26.3
125	20.9	5.4	8.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 16.72 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.8	18.7	28.1
138	25.4	13.9	20.9

