

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108740.D
 Acq On : 4 Sep 2018 15:00
 Operator : JU/SJ
 Sample : J4756-02 4X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WE-4

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:23 PM

Quant Time: Sep 04 16:54:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	53741	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	241008	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	109835	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	238736	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	248043	20.00	ng	-0.02
86) Perylene-d12	15.74	264	175956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	62363m	20.16	ng	0.10
7) Phenol-d6	6.67	99	84646m	19.10	ng	0.02
23) Nitrobenzene-d5	7.60	82	62038m	13.07	ng	0.03
41) 2,4,6-Tribromophenol	10.83	330	24330	16.78	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	114745	14.05	ng	-0.02
78) Terphenyl-d14	13.11	244	159812	12.52	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	26253	3.035	ng	Qvalue # 95
70) Phenanthrene	11.56	178	51120	4.242	ng	98
74) Fluoranthene	12.75	202	109832	8.097	ng	94
77) Pyrene	12.98	202	100129	5.370	ng	98
80) Benzo(a)anthracene	14.18	228	52334m	3.461	ng	
82) Chrysene	14.21	228	48715	3.350	ng	98
87) Benzo(b)fluoranthene	15.28	252	42801m	3.960	ng	
88) Benzo(k)fluoranthene	15.30	252	23717m	2.215	ng	
89) Benzo(a)pyrene	15.68	252	32595	3.337	ng	# 79
91) Benzo(g,h,i)perylene	17.85	276	18552	2.447	ng	# 85

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

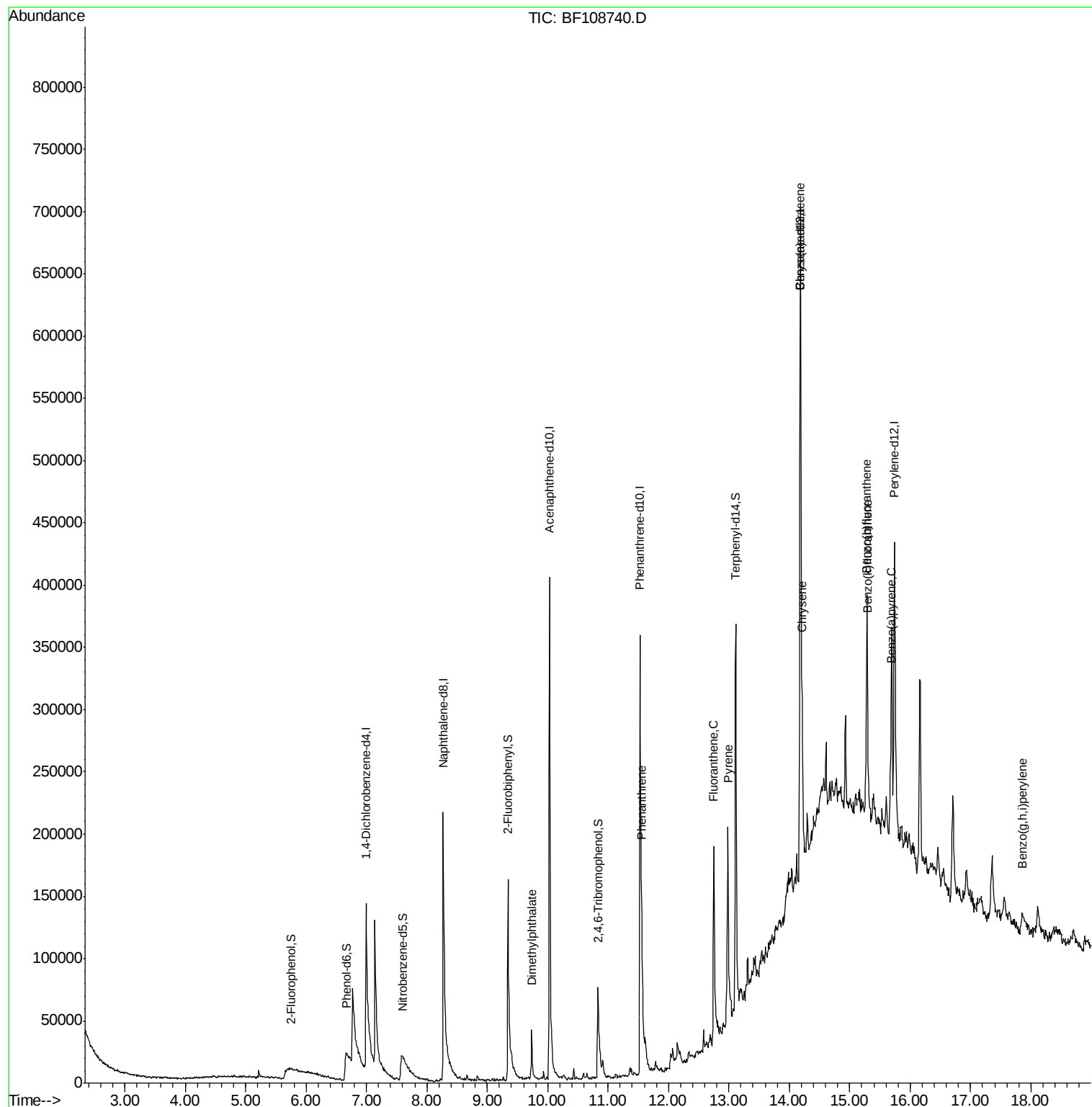
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108740.D
Acq On : 4 Sep 2018 15:00
Operator : JU/SJ
Sample : J4756-02 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WE-4

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

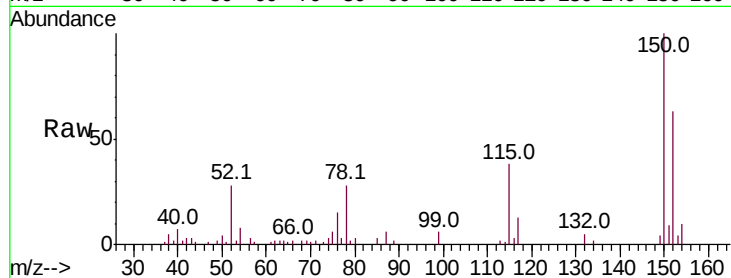
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Instrument :
BNA_F
ClientSampled :
WE-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	59.9	50.1	75.1

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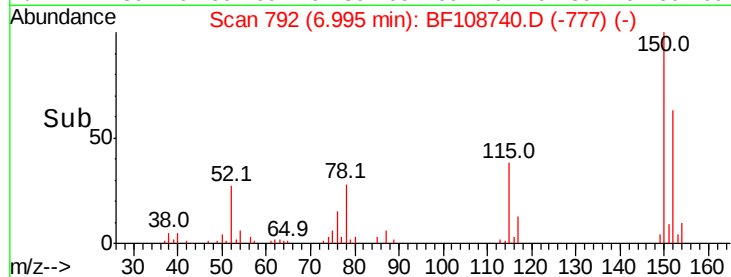
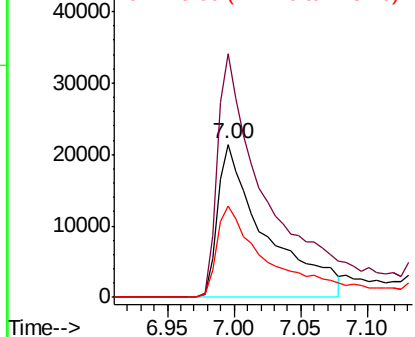


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

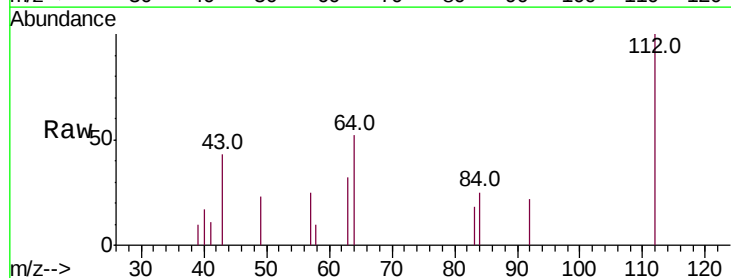
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.159 ng m
RT: 5.75 min Scan# 580
Delta R.T. 0.10 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	32.3	23.7	35.5

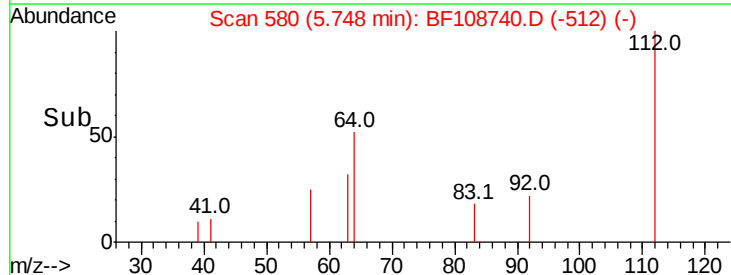
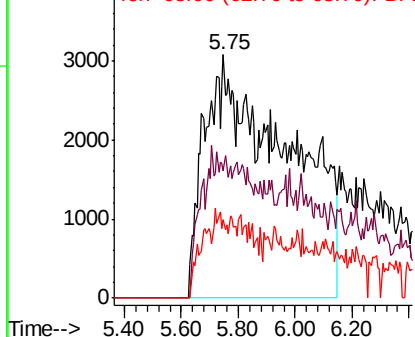


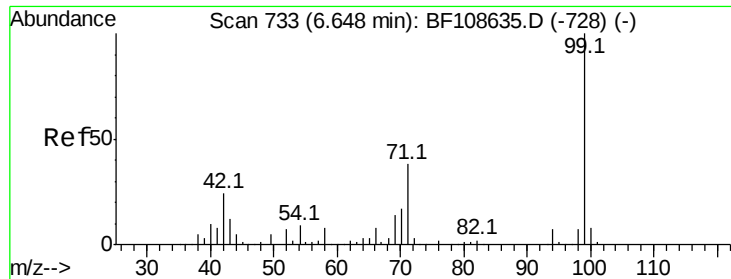
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.104 ng/mL

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Instrument :

BNA_F

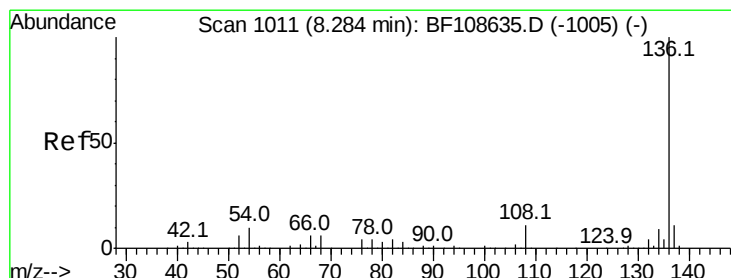
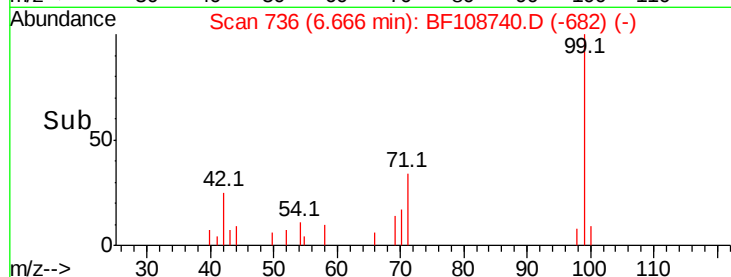
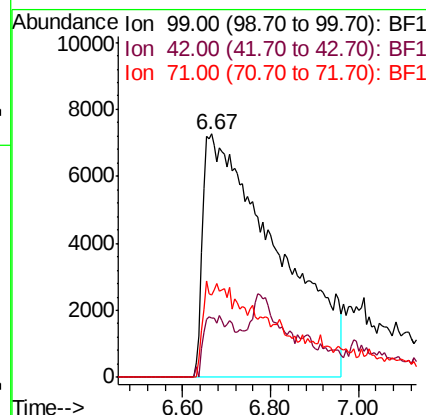
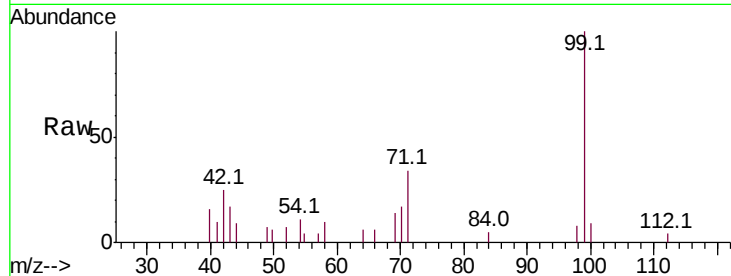
ClientSampled :

WE-4

Tot Ion:	99	Resp:	84646
Ion Ratio	Lower	Upper	
99	100		
42	24.5	14.5	21.7#
71	34.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

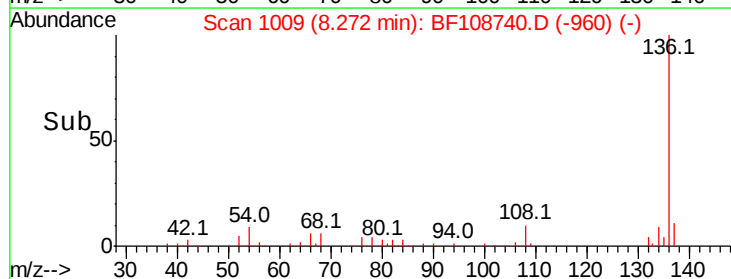
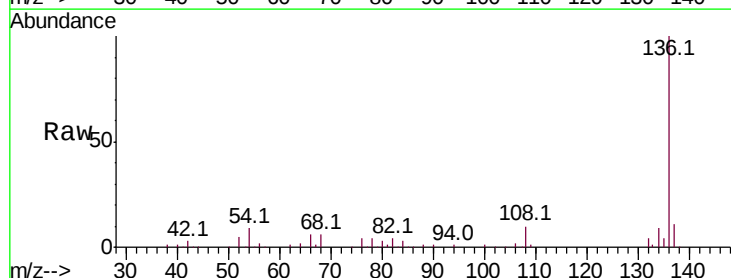
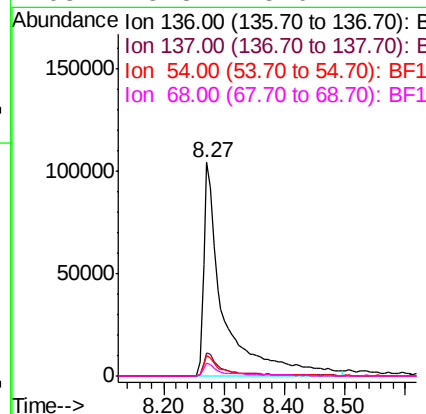
RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Tgt Ion:	136	Resp:	241008
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4





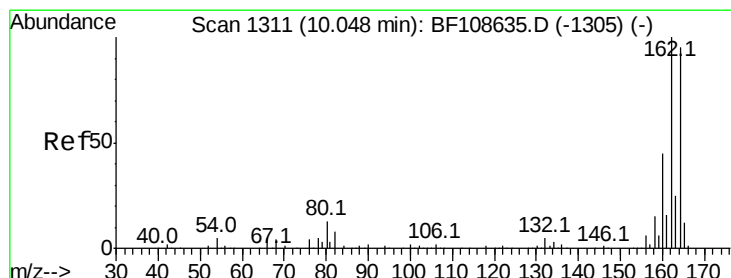
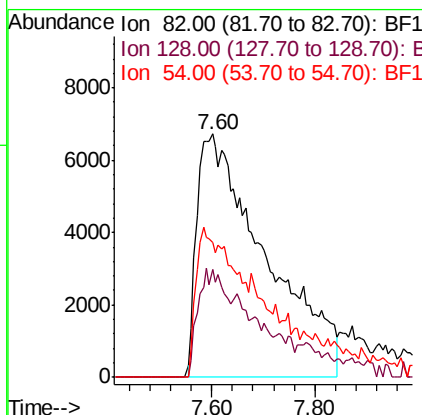
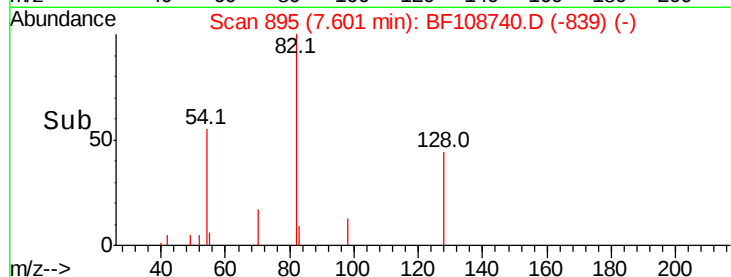
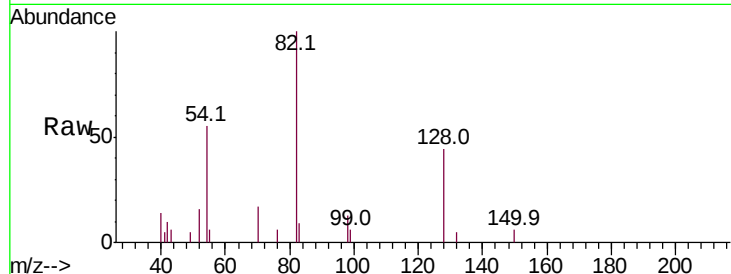
#23
 Nitrobenzene-d5
 Concen: 13.066 ng m
 RT: 7.60 min Scan# 895
 Delta R.T. 0.03 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

Instrument :
 BNA_F
 ClientSampled :
 WE-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	55.5	41.4	62.2

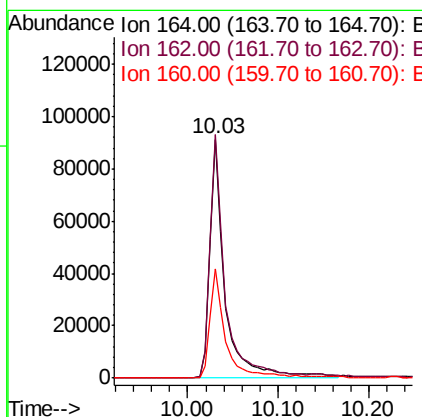
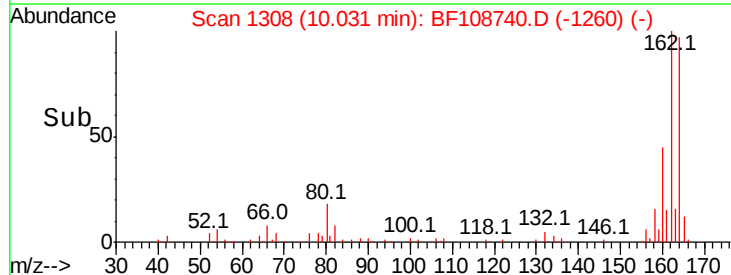
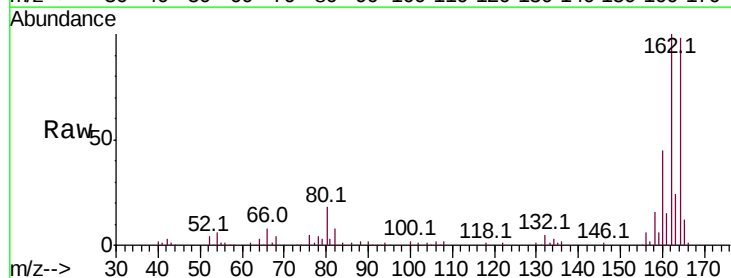
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.1	38.3	57.5





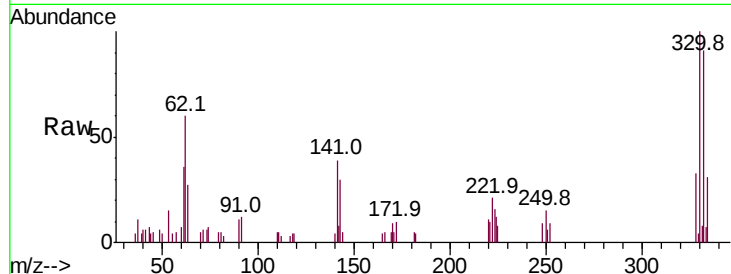
#41
 2,4,6-Tribromophenol
 Concen: 16.780 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

Instrument :
 BNA_F
 ClientSampled :
 WE-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	24330		
332	98.1	77.0	115.6	
141	33.5	29.9	44.9	

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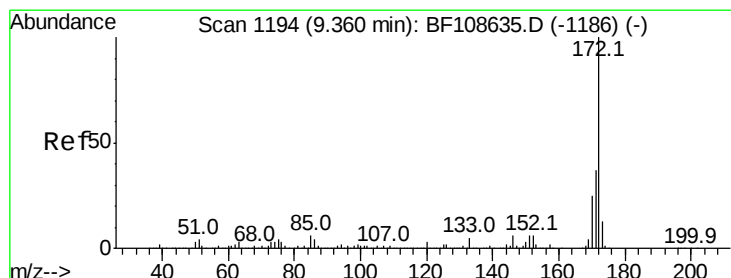
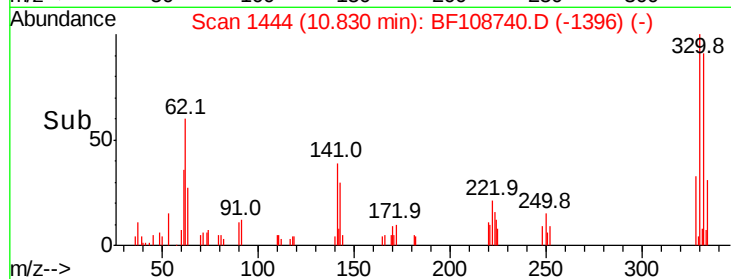
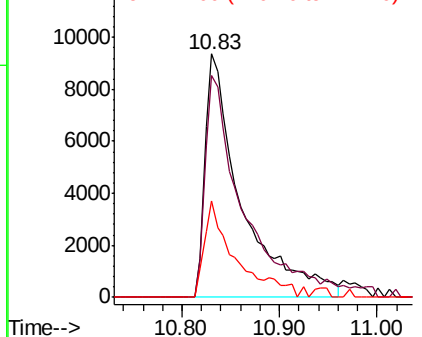


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.047 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

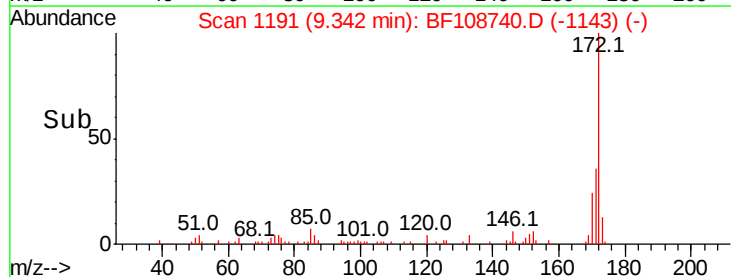
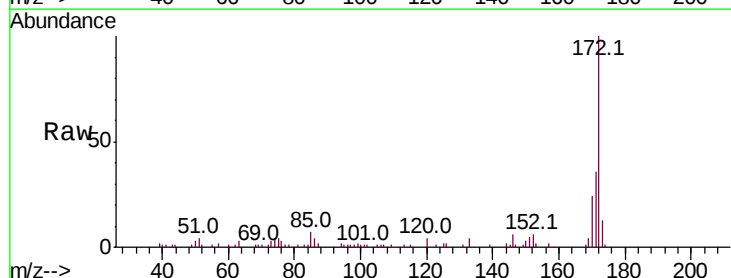
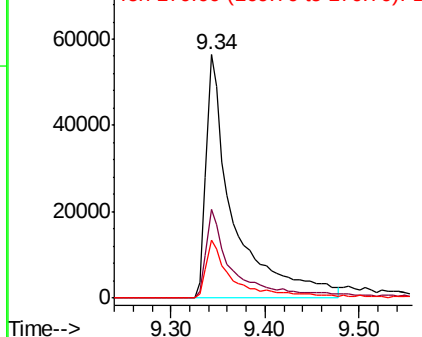
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	114745		
171	36.3	29.7	44.5	
170	23.8	19.6	29.4	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





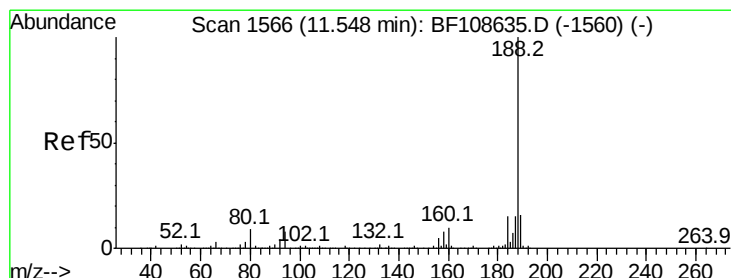
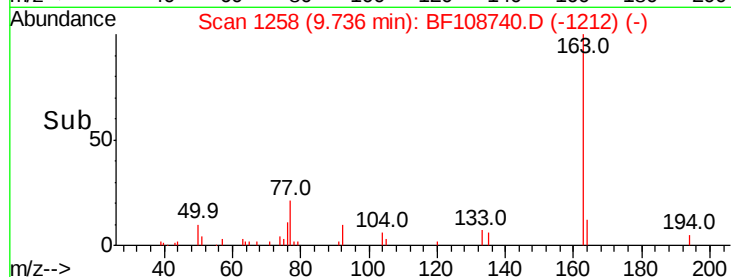
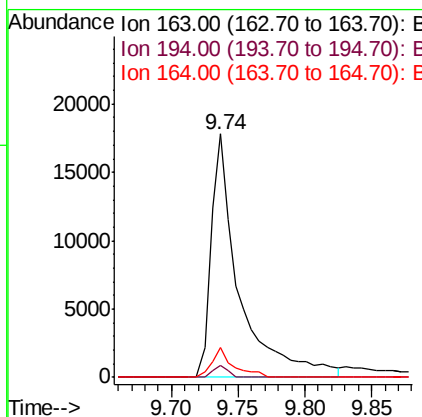
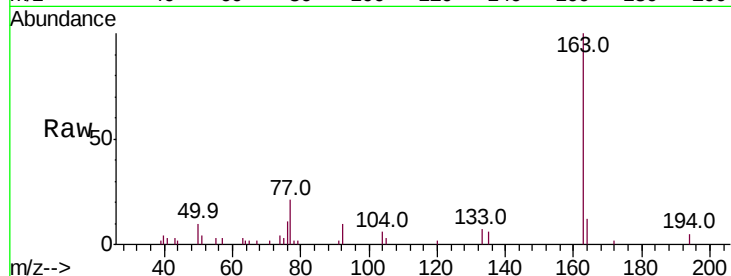
#49
 Dimethylphthalate
 Concen: 3.035 ng
 RT: 9.74 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 WE-4

Tot Ion:	163	Resp:	26253
Ion Ratio	Lower	Upper	
163	100		
194	4.8	2.7	4.1#
164	12.2	8.2	12.2

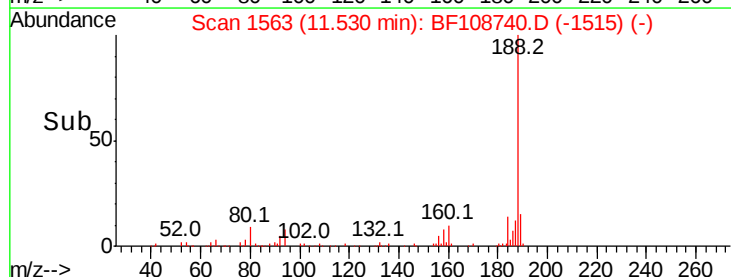
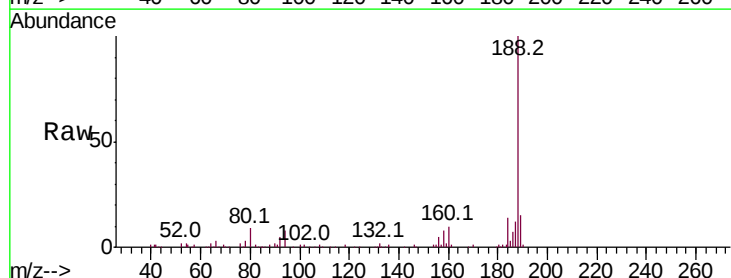
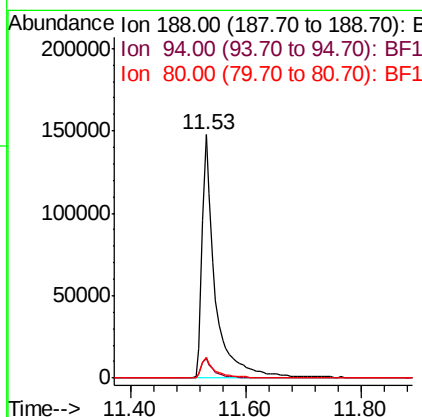
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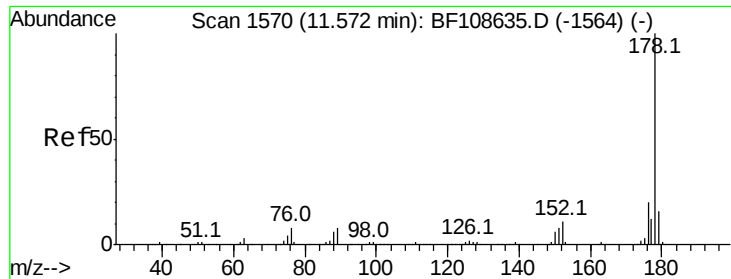
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108740.D
 Acq: 4 Sep 2018 15:00

Tgt Ion:	188	Resp:	238736
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#





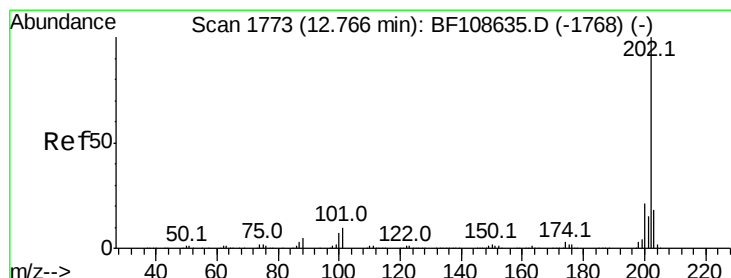
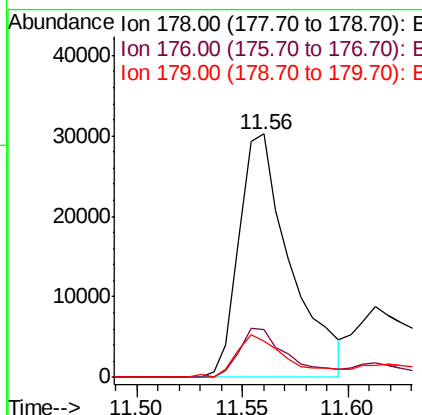
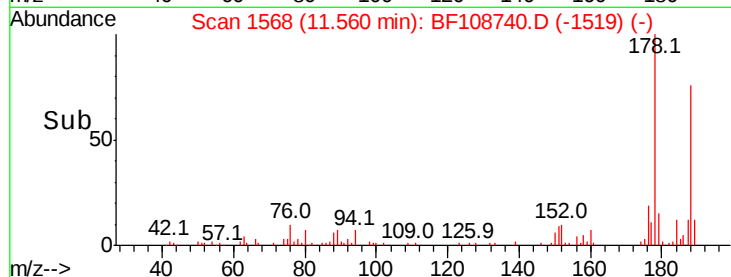
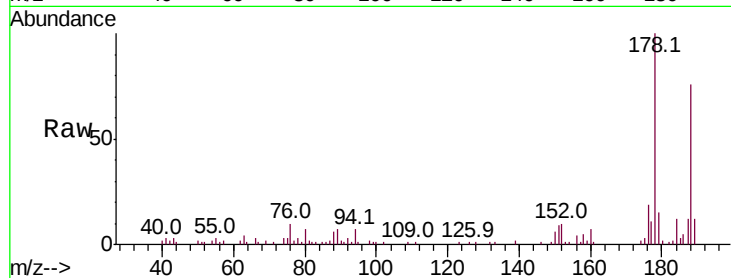
#70
Phenanthrene
Concen: 4.242 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Instrument :
BNA_F
ClientSampleId :
WE-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	13.0	19.6

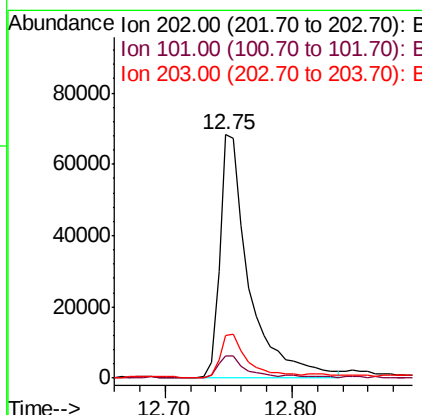
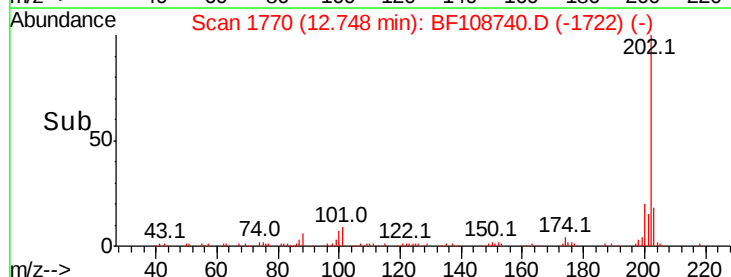
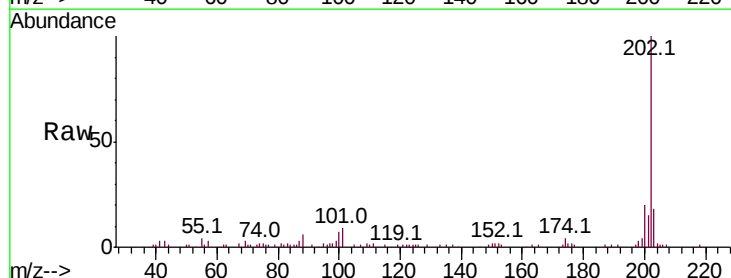
Manual Integrations
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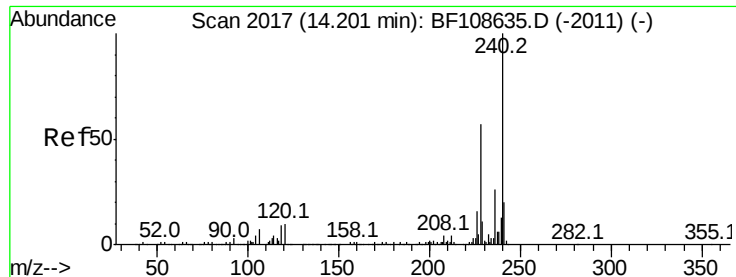
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#74
Fluoranthene
Concen: 8.097 ng
RT: 12.75 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Instrument :

BNA_F

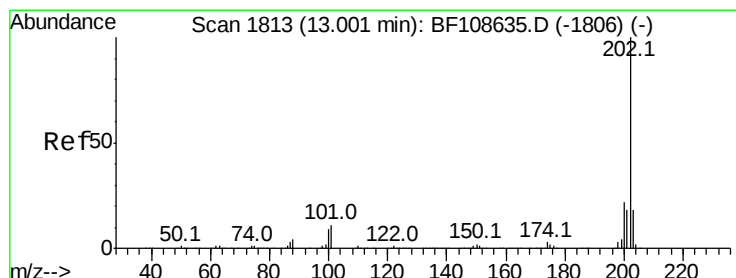
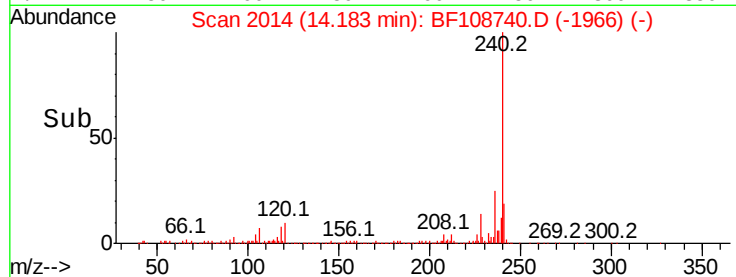
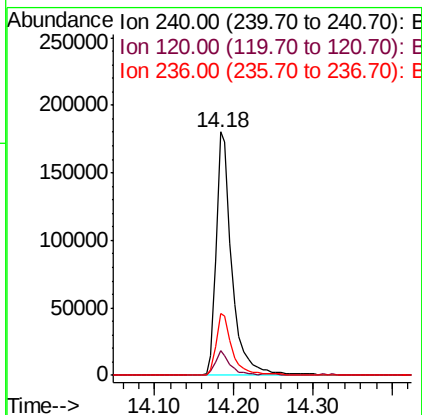
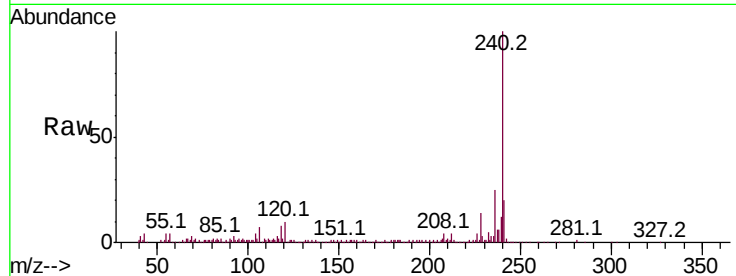
ClientSampled :

WE-4

Tot Ion:	240	Resp:	248043
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	25.4	20.7	31.1

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#77

Pyrene

Concen: 5.370 ng

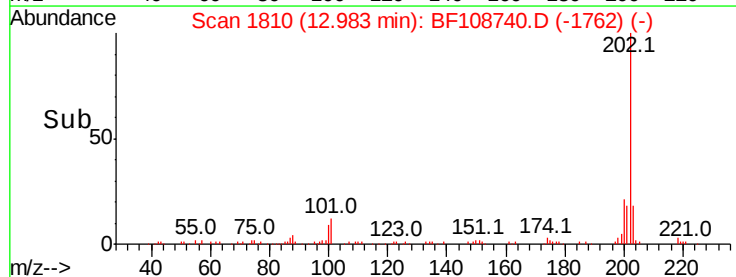
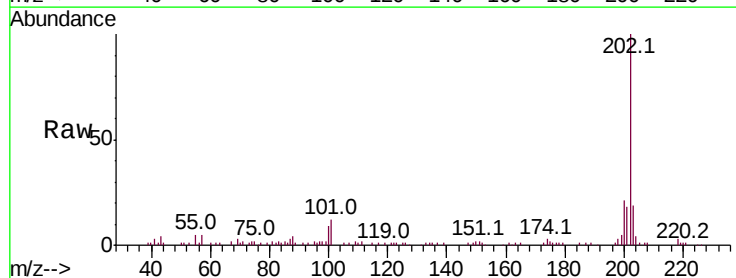
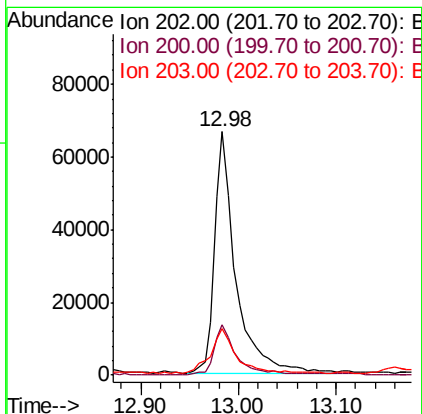
RT: 12.98 min Scan# 1810

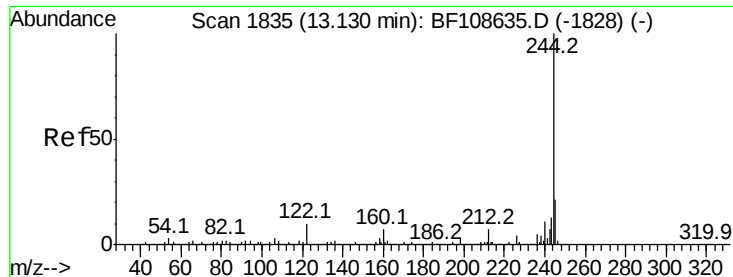
Delta R.T. -0.02 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Tgt Ion:	202	Resp:	100129
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.9	14.3	21.5





#78

Terphenyl-d14

Concen: 12.518 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Instrument :

BNA_F

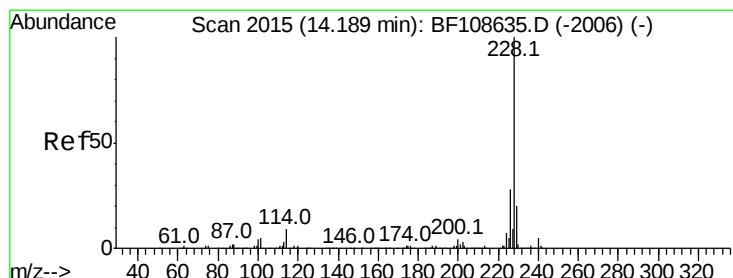
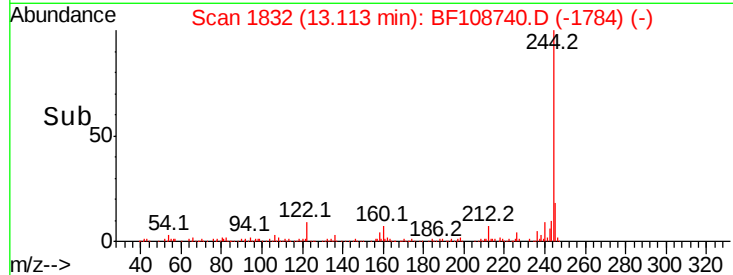
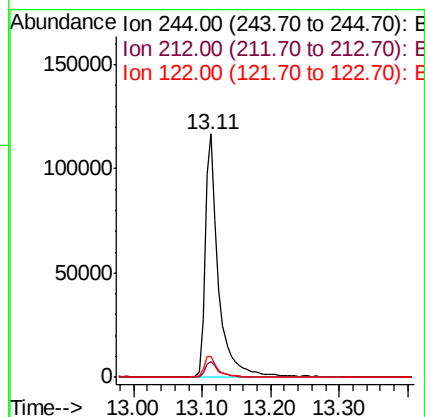
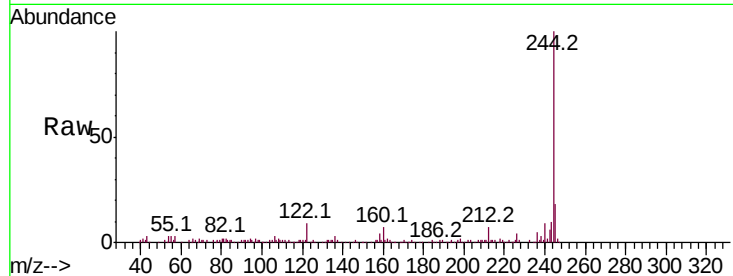
ClientSampleId :

WE-4

Tot Ion:	244	Resp:	159812
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.8	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 3.461 ng m

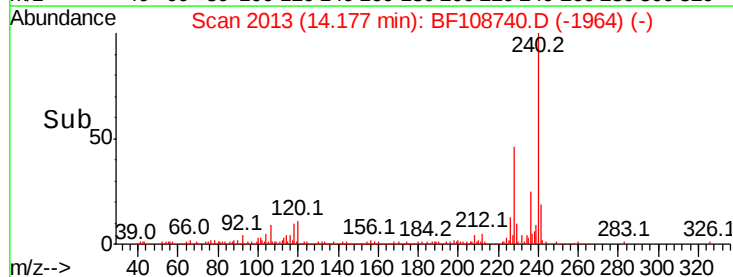
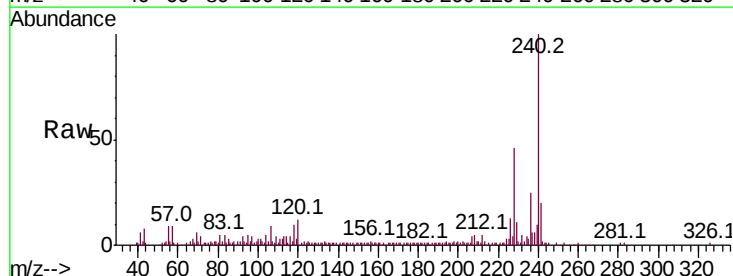
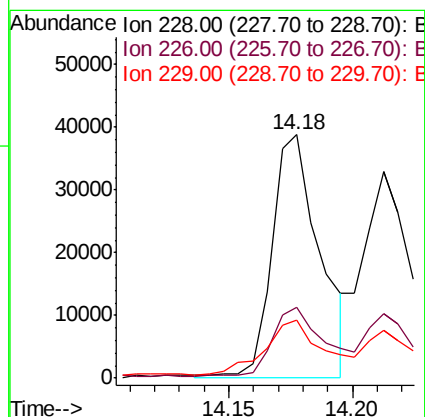
RT: 14.18 min Scan# 2013

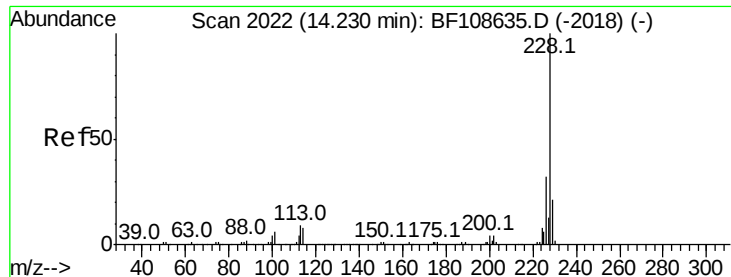
Delta R.T. -0.01 min

Lab File: BF108740.D

Acq: 4 Sep 2018 15:00

Tgt Ion:	228	Resp:	52334
Ion Ratio		Lower	Upper
228	100		
226	28.9	22.6	33.8
229	23.7	15.8	23.6#





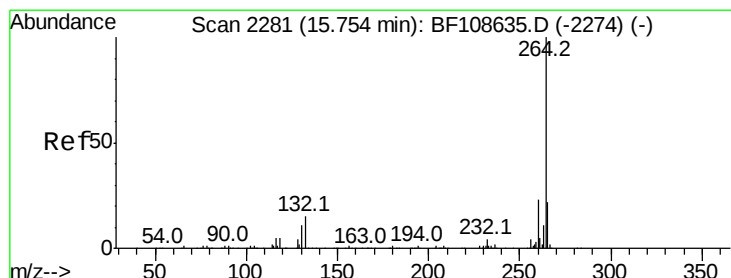
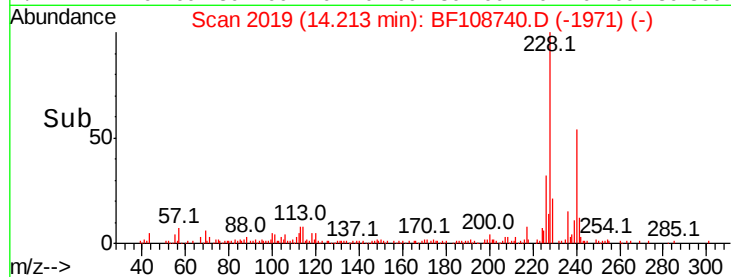
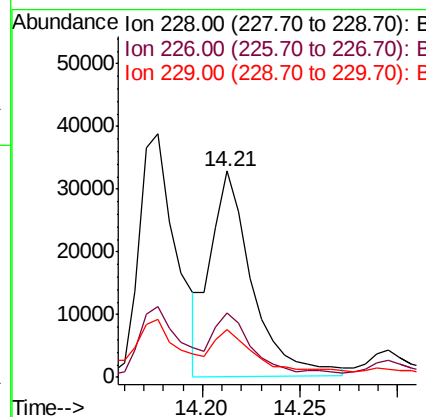
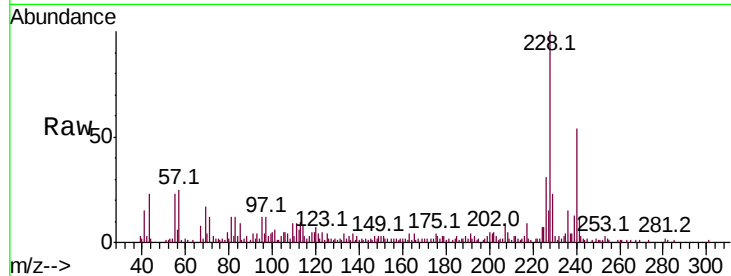
#82
Chrysene
Concen: 3.350 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Instrument :
BNA_F
ClientSampled :
WE-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.9	16.2	24.4

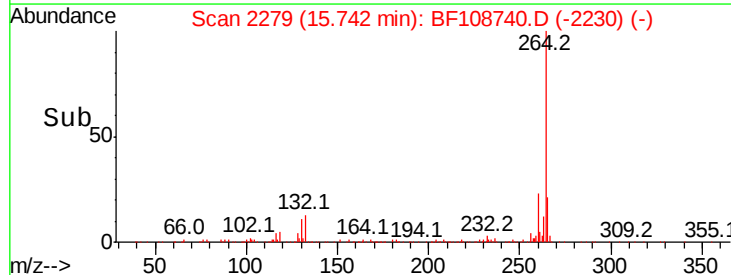
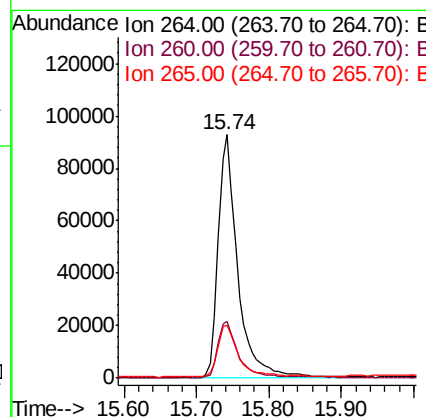
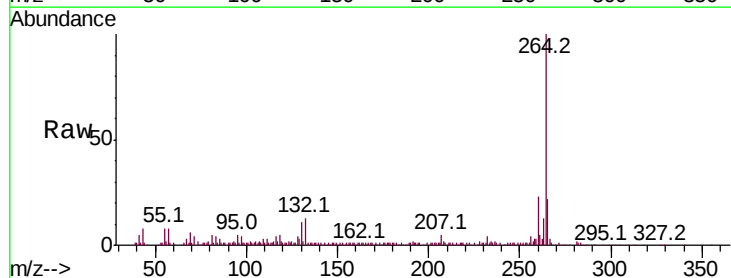
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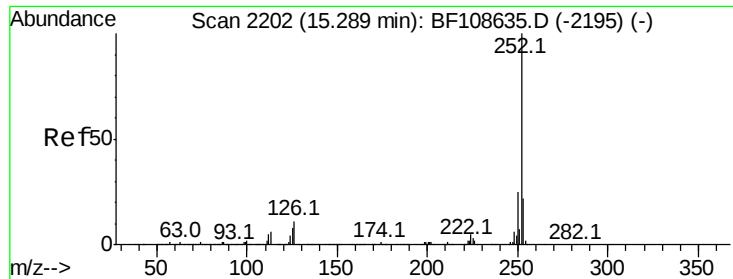
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3





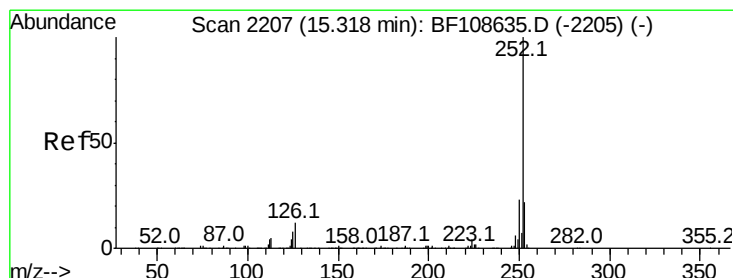
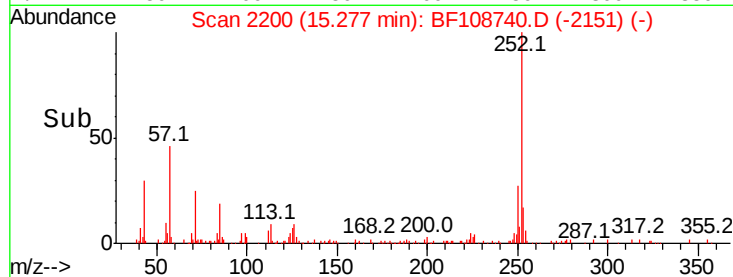
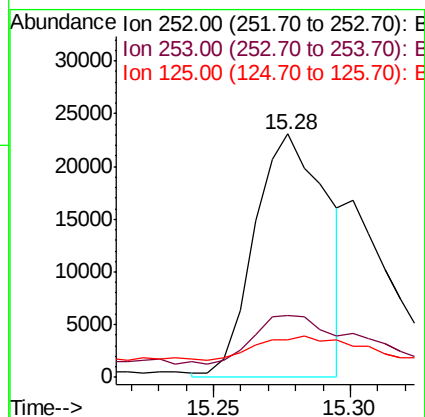
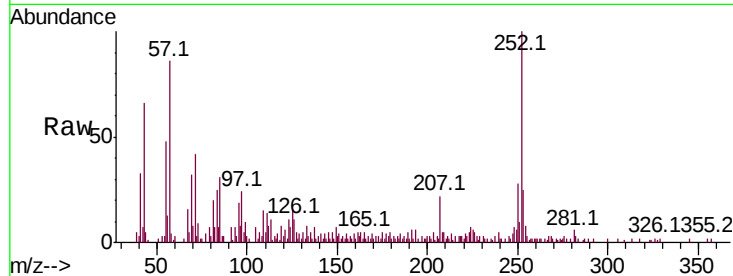
#87
Benzo(b)fluoranthene
Concen: 3.960 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Instrument :
BNA_F
ClientSampleId :
WE-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	15.5	9.0	13.6#

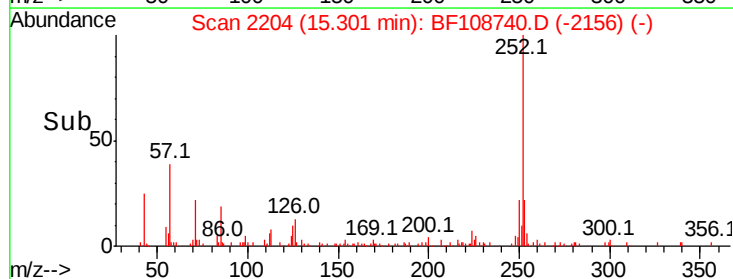
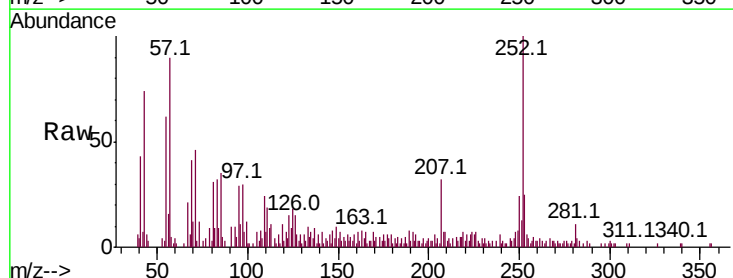
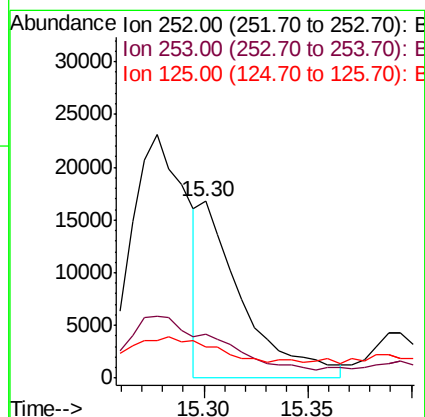
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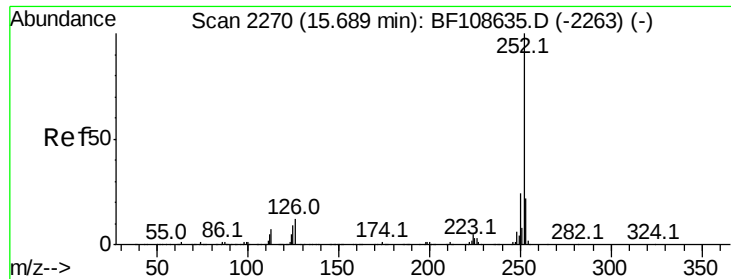
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#88
Benzo(k)fluoranthene
Concen: 2.215 ng m
RT: 15.30 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	18.0	10.2	15.2#





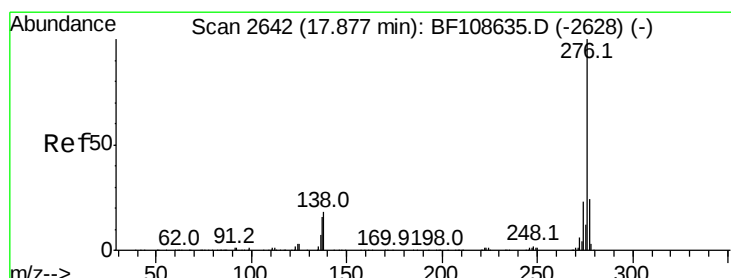
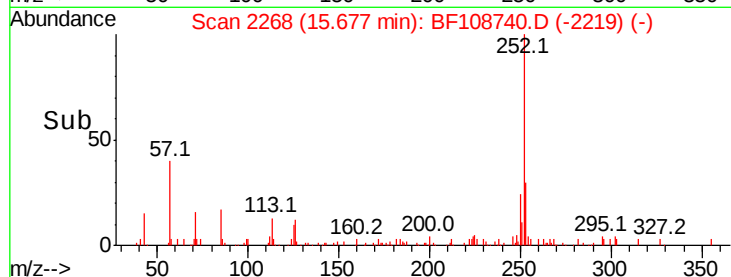
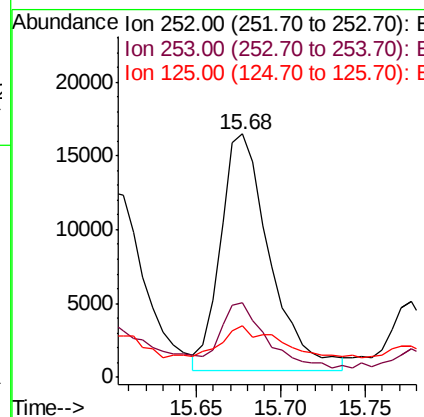
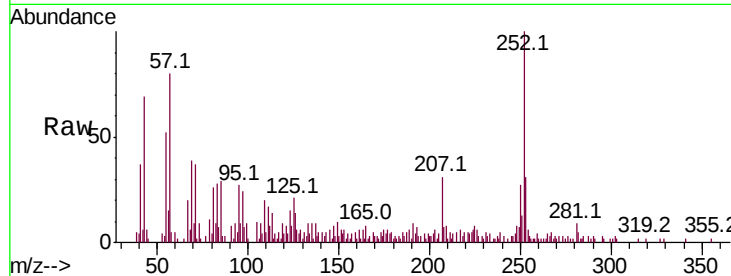
#89
Benzo(a)pyrene
Concen: 3.337 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Instrument :
BNA_F
ClientSampled :
WE-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.1	25.7#
125	21.2	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.447 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BF108740.D
Acq: 4 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.1	17.9	26.9#
138	19.8	21.8	32.8#

