

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108485.D
 Acq On : 25 Aug 2018 1:12
 Operator : JU/SJ
 Sample : J4612-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028

Manual Integrations
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Sohil
 8/27/2018 12:56:21 PM

Quant Time: Aug 25 04:07:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127448	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	472490	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	185487	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	267989	20.00	ng	0.00
75) Chrysene-d12	14.20	240	241112	20.00	ng	0.00
86) Perylene-d12	15.75	264	268343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	318490	45.24	ng	0.00
7) Phenol-d6	6.62	99	427667	45.72	ng	-0.01
23) Nitrobenzene-d5	7.56	82	272554	32.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.85	330	66871	36.14	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	491209	42.52	ng	-0.01
78) Terphenyl-d14	13.14	244	316209	33.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	52717	4.080	ng	# 80
70) Phenanthrene	11.58	178	178400	14.114	ng	# 95
71) Anthracene	11.63	178	36702	2.833	ng	# 69
74) Fluoranthene	12.78	202	226584	16.425	ng	92
77) Pyrene	13.01	202	191760	12.562	ng	97
80) Benzo(a)anthracene	14.19	228	105925	7.655	ng	95
82) Chrysene	14.22	228	98156m	7.737	ng	
83) Bis(2-ethylhexyl)phthalate	14.15	149	32262	3.930	ng	# 89
85) Indeno(1,2,3-cd)pyrene	17.35	276	44070	4.009	ng	# 85
87) Benzo(b)fluoranthene	15.28	252	127233m	7.935	ng	
88) Benzo(k)fluoranthene	15.31	252	46360m	3.145	ng	
89) Benzo(a)pyrene	15.68	252	89178	6.211	ng	98
91) Benzo(a,h,i)perylene	17.84	276	38563	3.296	ng	# 90

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

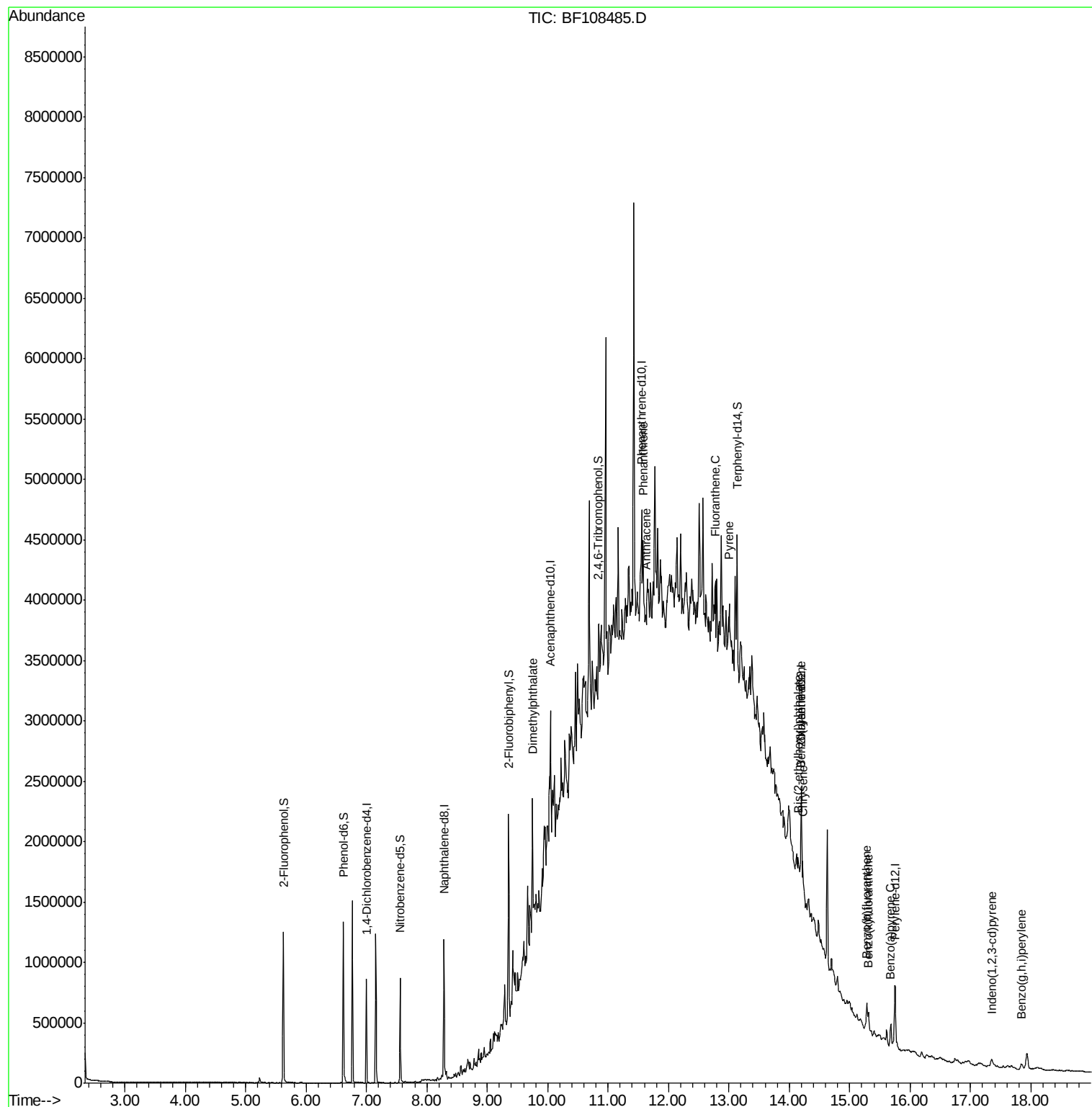
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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#1

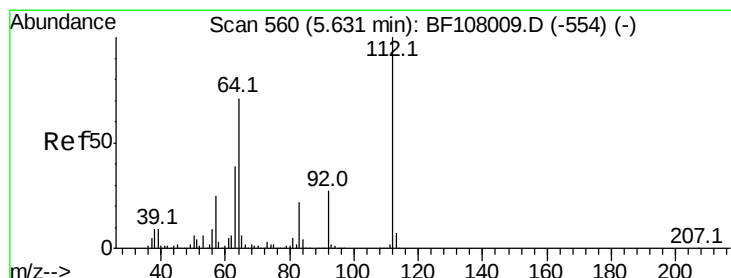
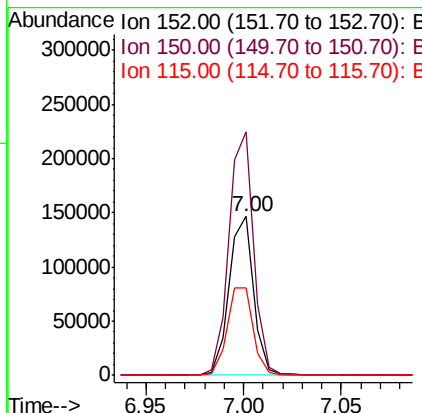
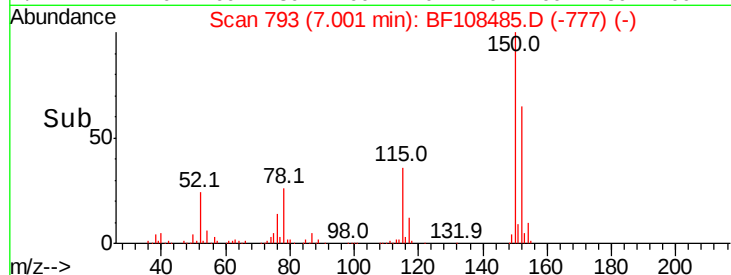
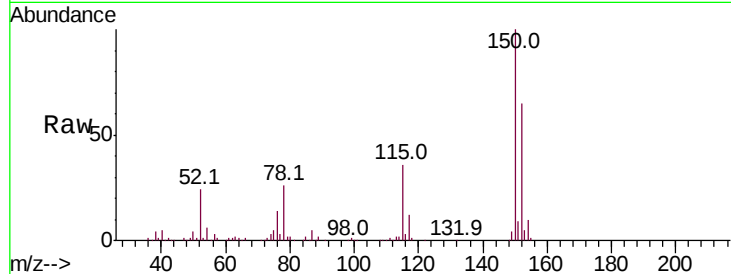
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RBR200028

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	55.4	50.1	75.1

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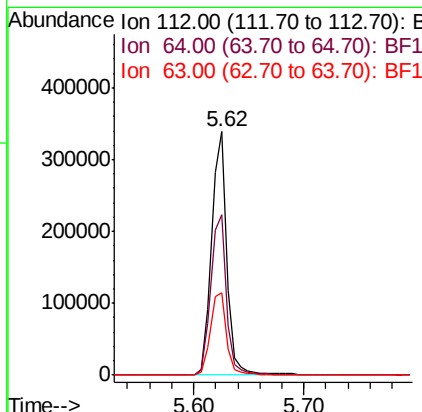
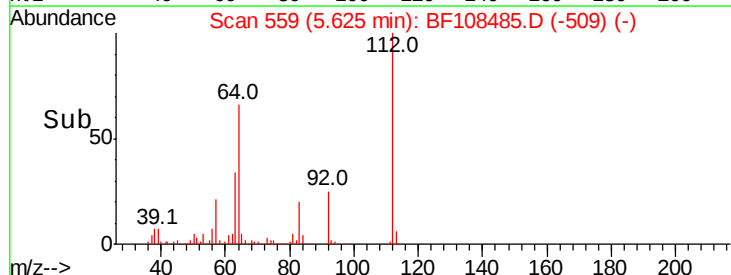
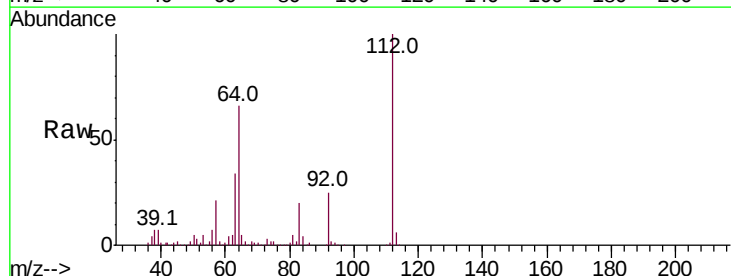
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#5

2-Fluorophenol
Concen: 45.243 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.9	23.7	35.5





#7

Phenol-d6

Concen: 45.717 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Instrument :

BNA_F

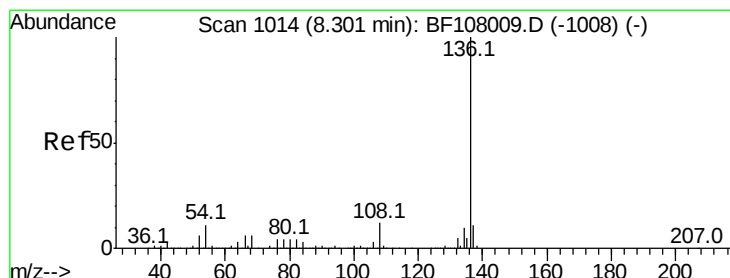
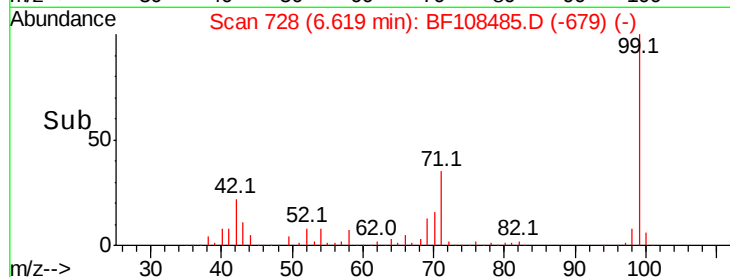
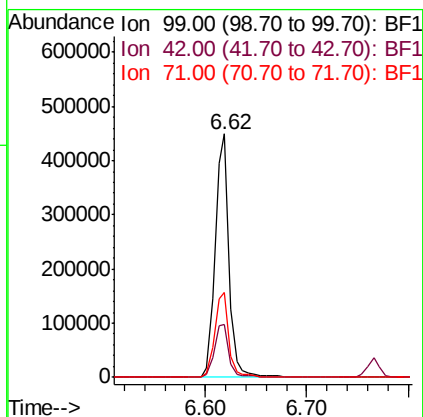
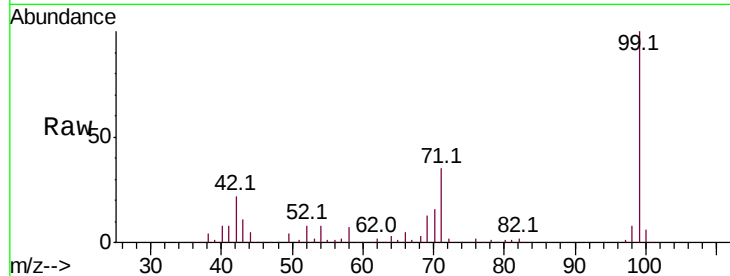
ClientSampleId :

RBR200028

Tot Ion:	99	Resp:	427667
Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	35.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

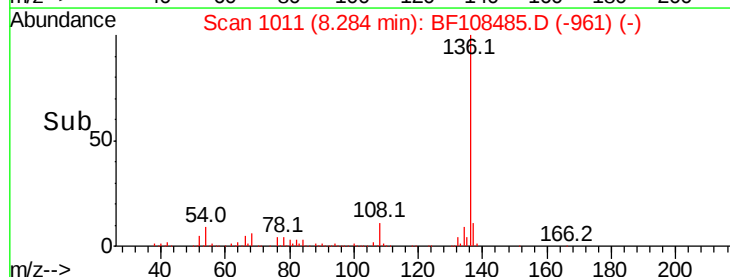
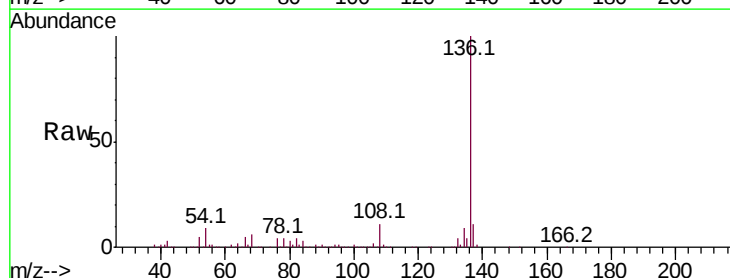
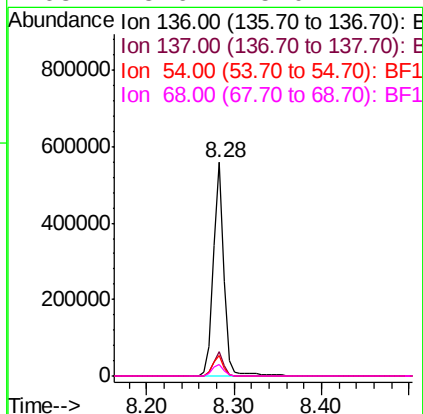
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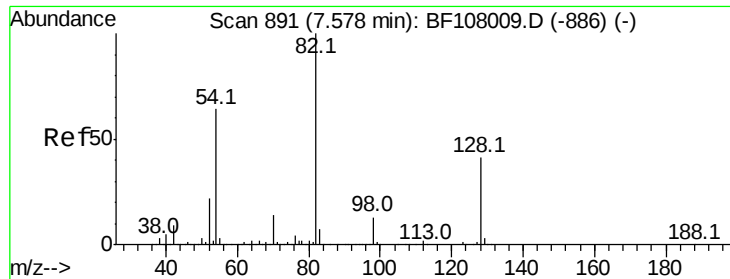
Delta R.T. -0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Tgt Ion:	136	Resp:	472490
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4





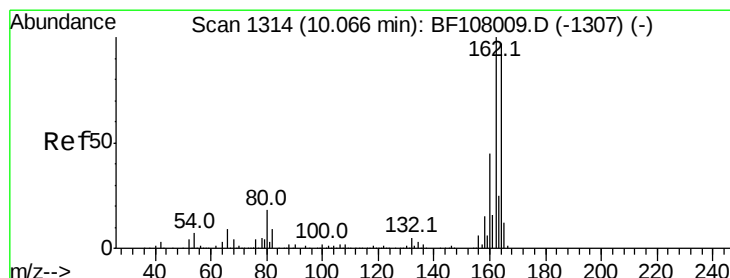
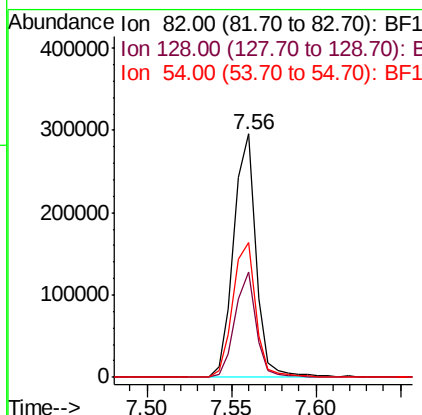
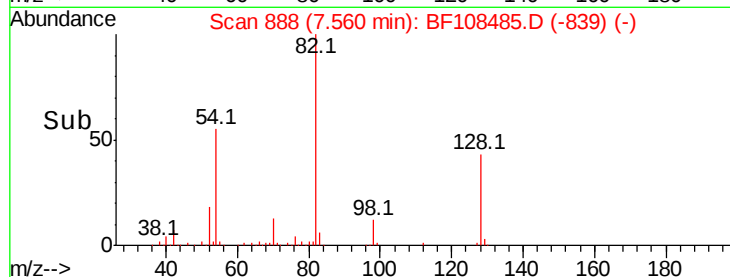
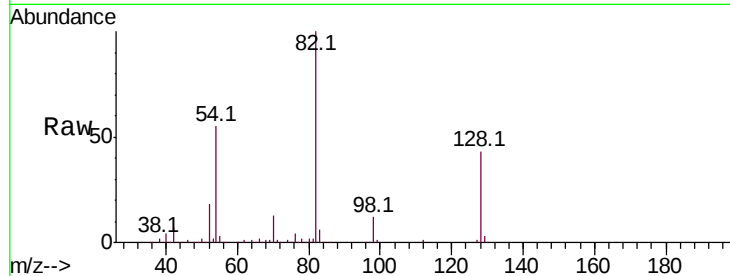
#23
 Nitrobenzene-d5
 Concen: 32.189 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272554		
128	43.4	36.1	54.1	
54	55.2	41.4	62.2	

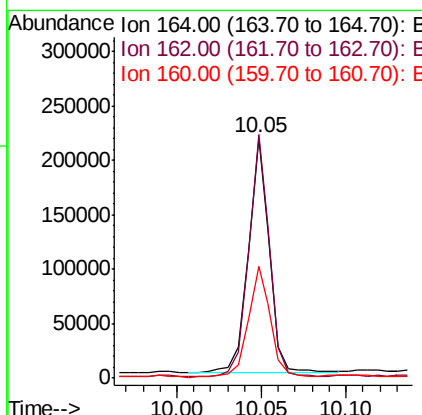
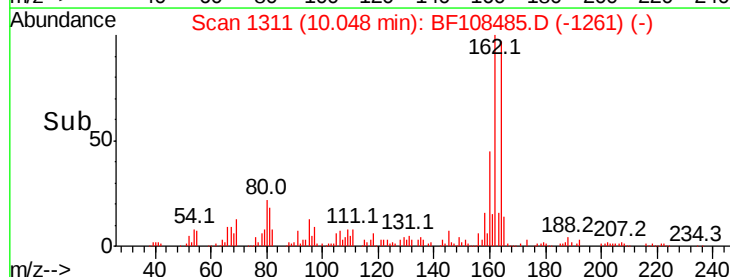
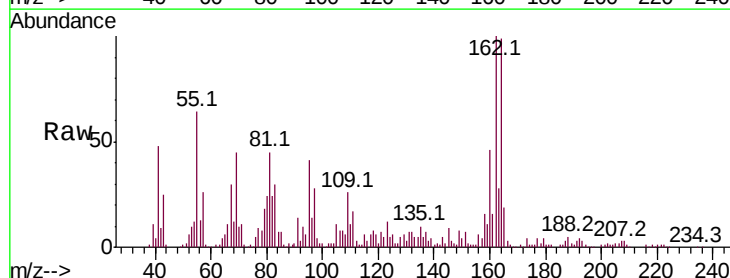
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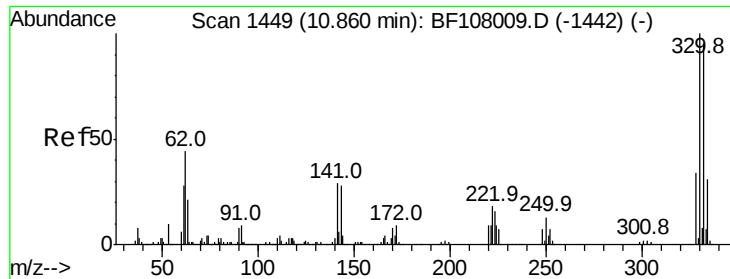
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185487		
162	101.3	86.1	129.1	
160	46.4	38.3	57.5	





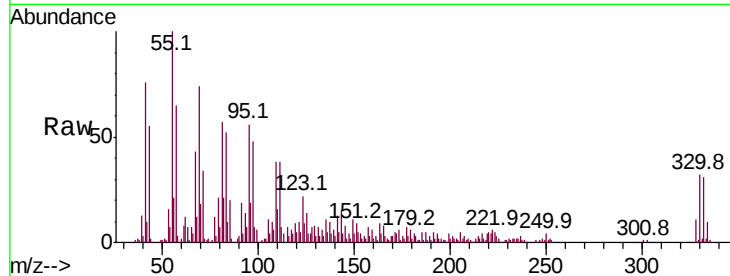
#41
 2,4,6-Tribromophenol
 Concen: 36.143 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028

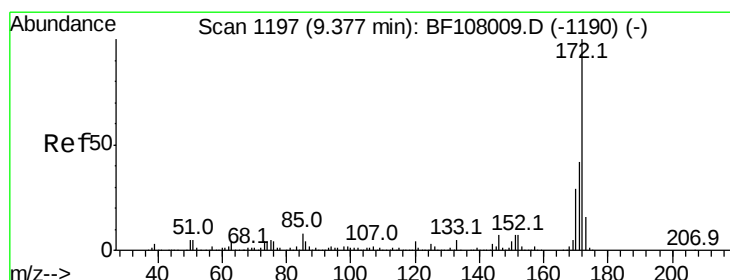
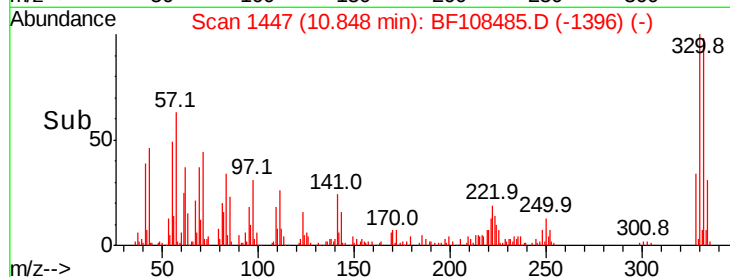
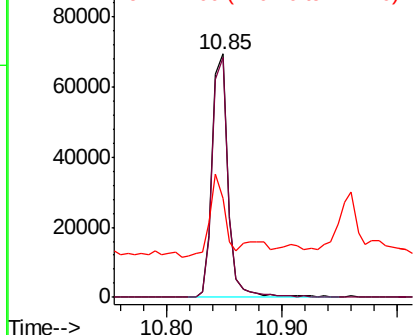
Tot Ion	Ratio	Resp	Lower	Upper
330	100	66871		
332	97.8	77.0	115.6	
141	30.7	29.9	44.9	

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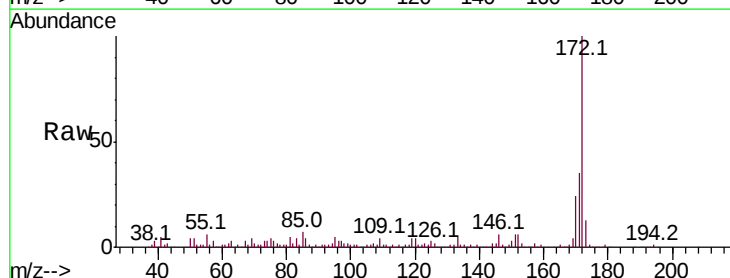


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

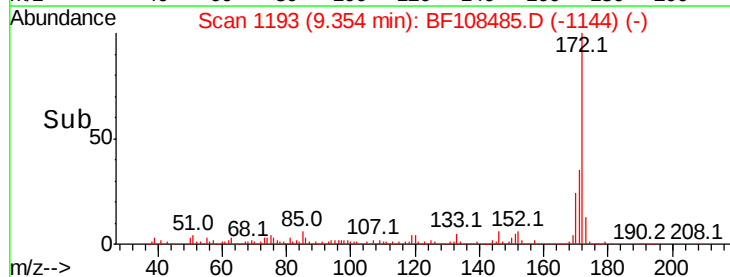
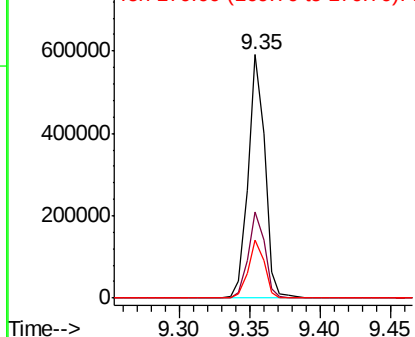


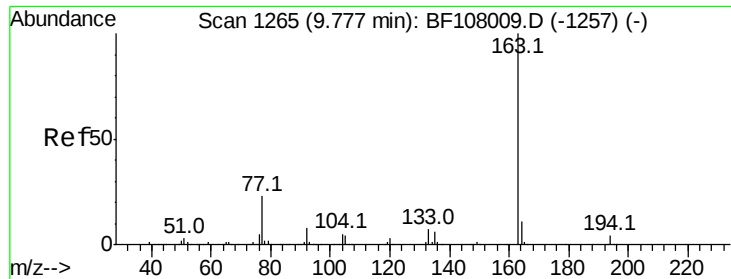
#44
 2-Fluorobiphenyl
 Concen: 42.516 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	491209		
171	35.2	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





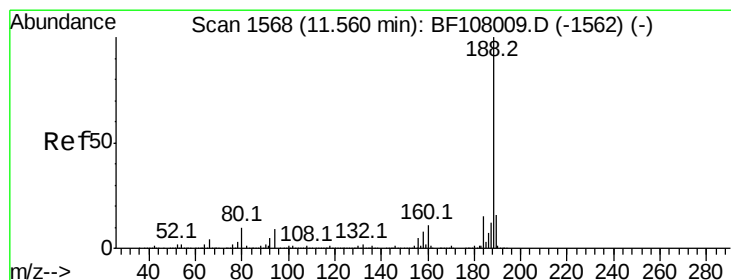
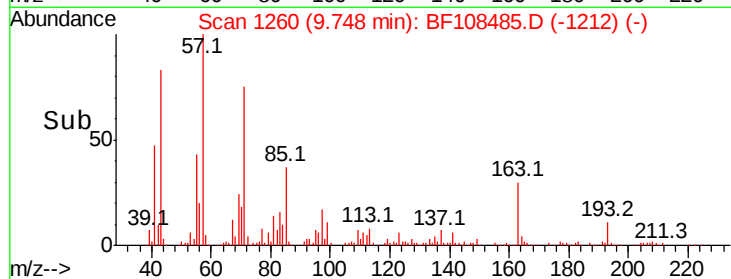
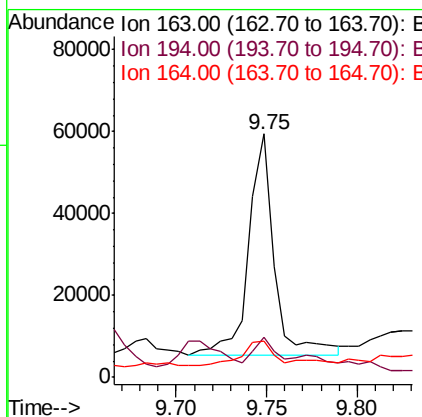
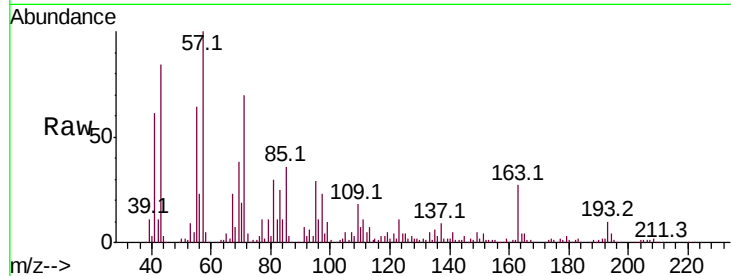
#49
Dimethylphthalate
Concen: 4.080 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RBR200028

Tot Ion	Ratio	Lower	Upper
163	100		
194	16.4	2.7	4.1#
164	15.1	8.2	12.2#

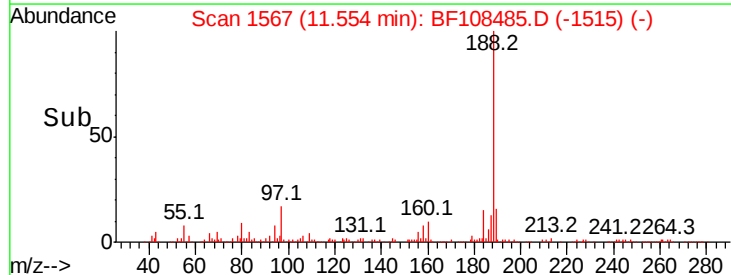
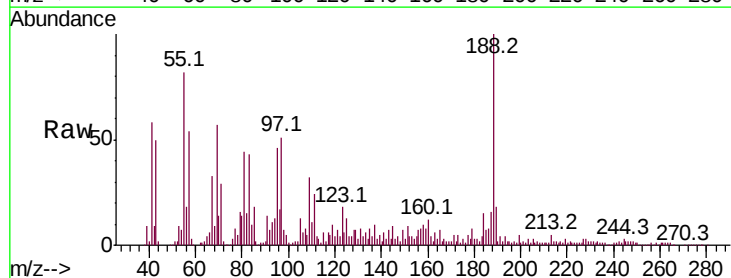
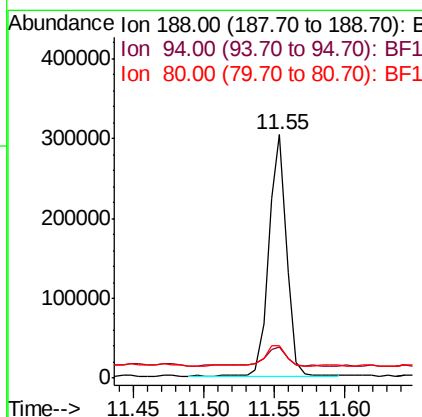
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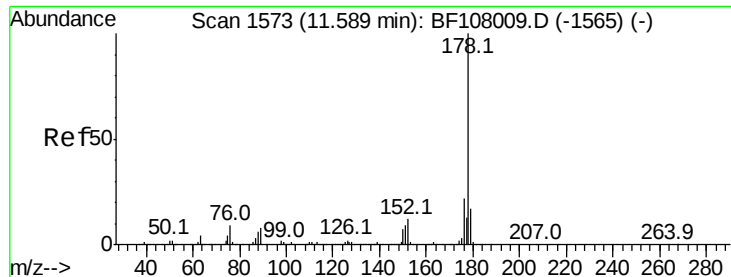
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	8.5	12.7#
80	13.5	9.2	13.8





#70

Phenanthrene

Concen: 14.114 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Instrument :

BNA_F

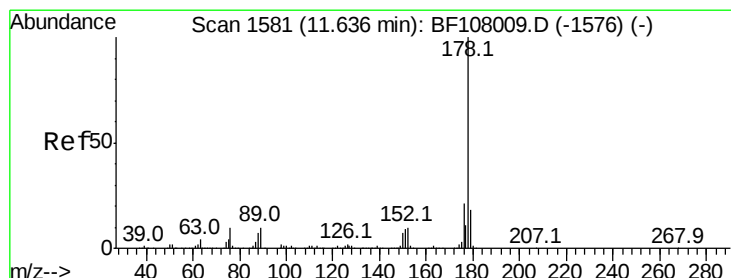
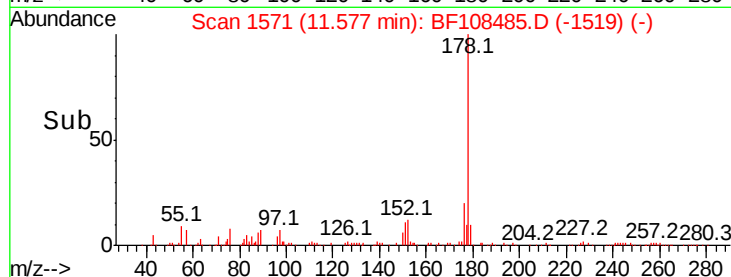
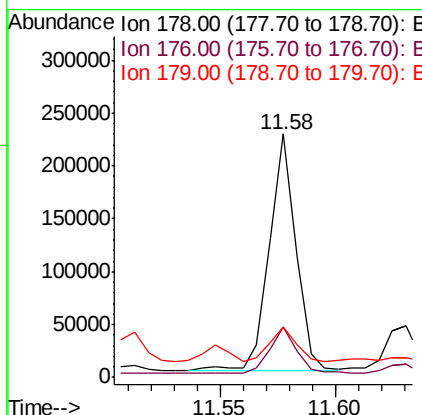
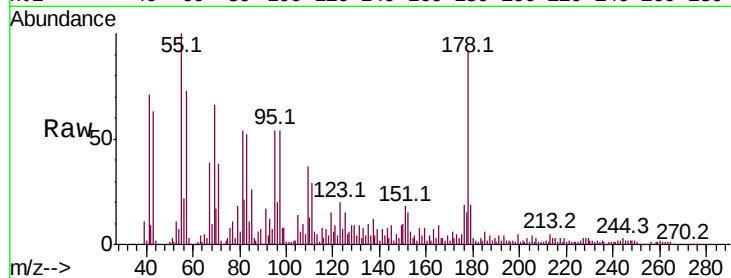
ClientSampleId :

RBR200028

Tot Ion:	178	Resp:	178400
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.8	23.8
179	20.7	13.0	19.6#

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#71

Anthracene

Concen: 2.833 ng

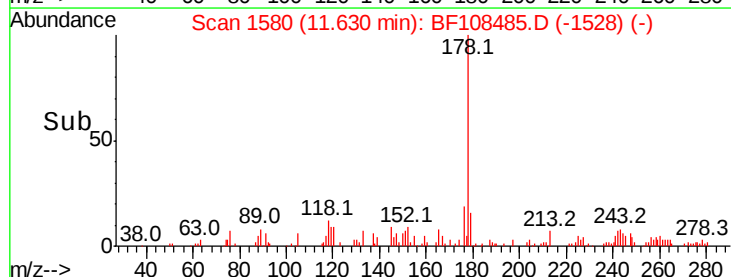
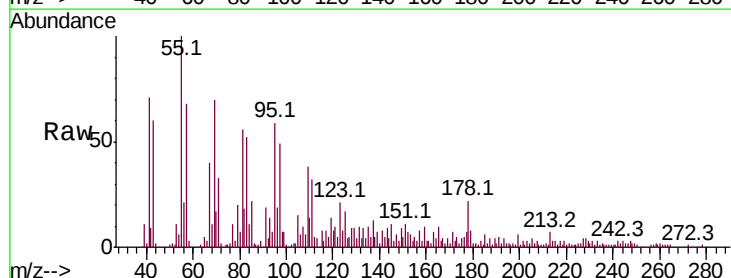
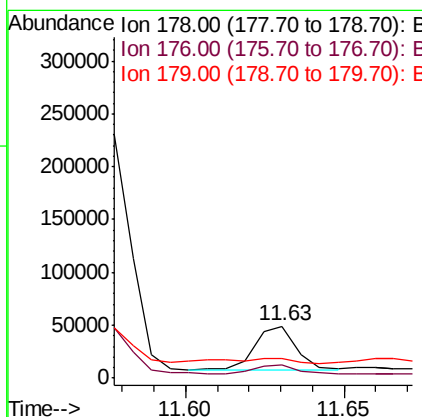
RT: 11.63 min Scan# 1580

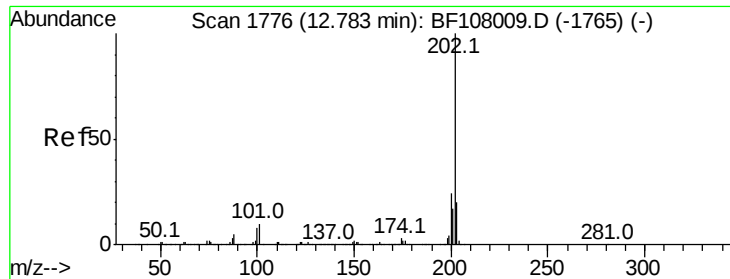
Delta R.T. 0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Tgt Ion:	178	Resp:	36702
Ion Ratio	Lower	Upper	
178	100		
176	24.5	15.4	23.2#
179	38.6	12.6	19.0#





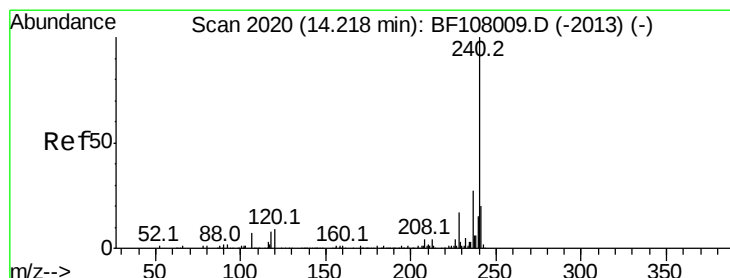
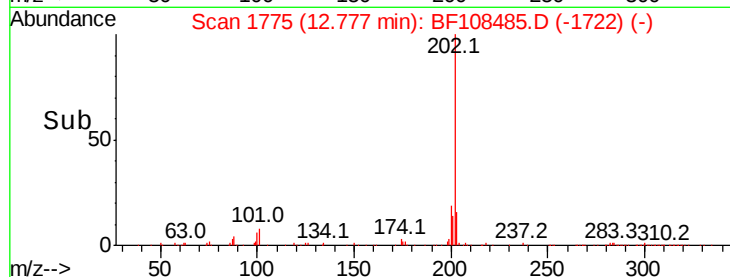
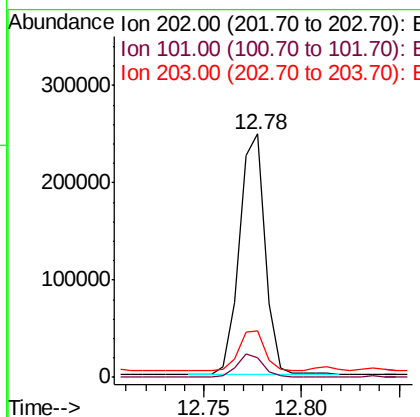
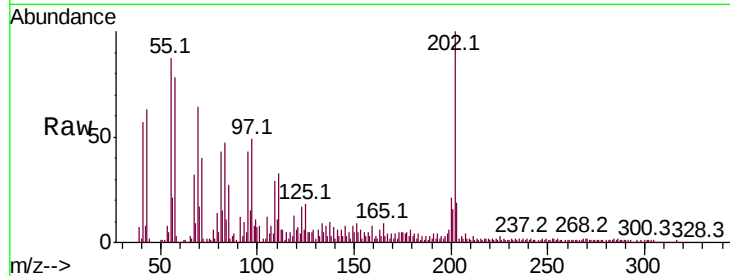
#74
 Fluoranthene
 Concen: 16.425 ng
 RT: 12.78 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	0.0	34.1
203	19.3	0.0	38.1

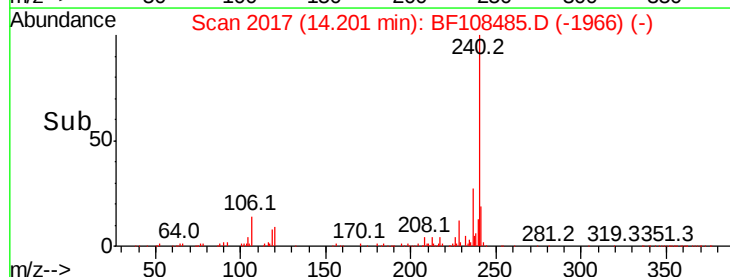
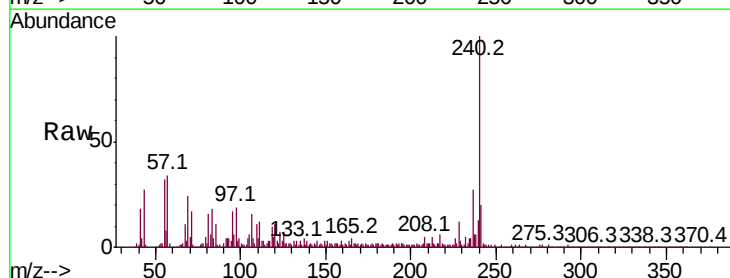
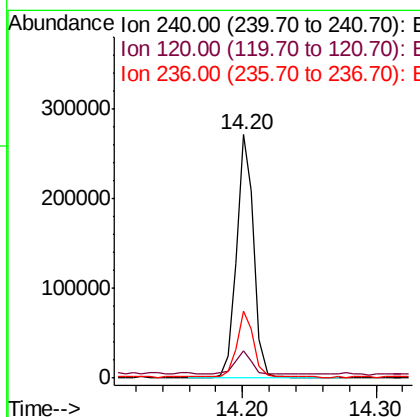
Manual Integrations
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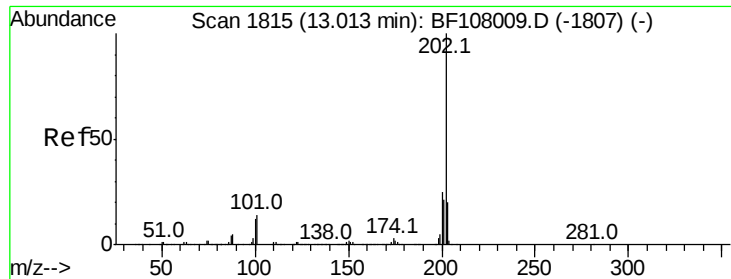
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.5	14.3
236	27.5	20.7	31.1





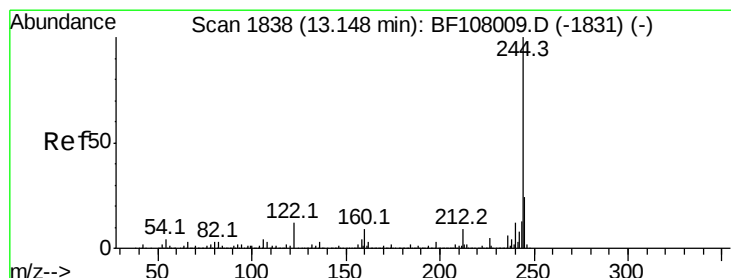
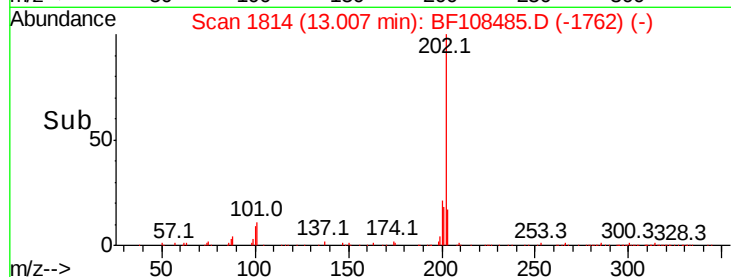
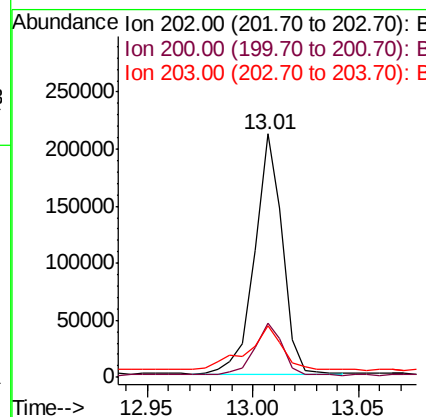
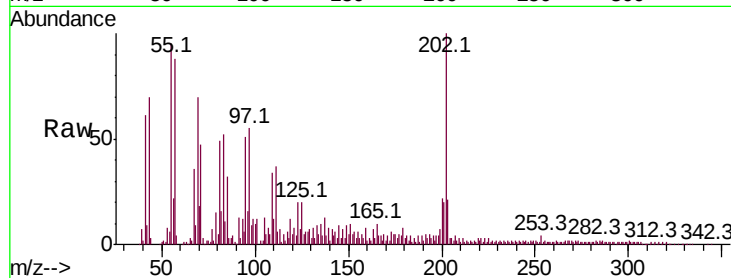
#77
Pvrene
Concen: 12.562 ng
RT: 13.01 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RBR200028

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	21.0	14.3	21.5

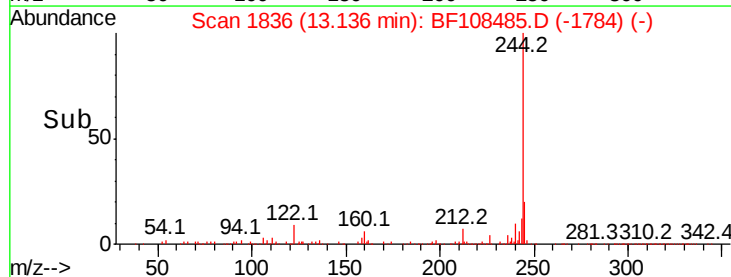
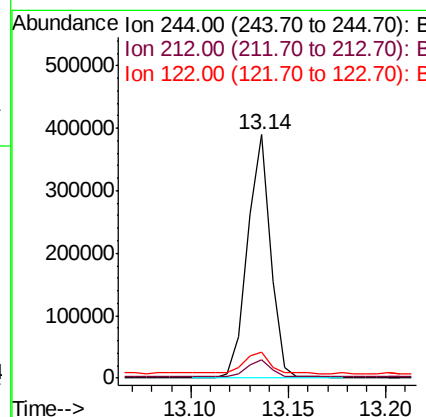
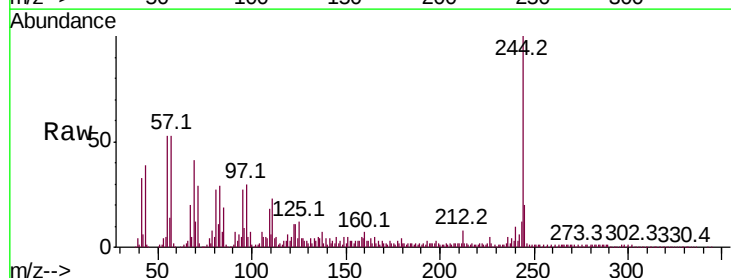
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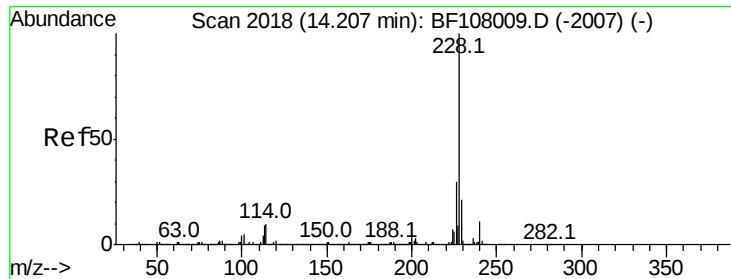
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#78
Terphenyl-d14
Concen: 33.345 ng
RT: 13.14 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.5	11.0	16.4#





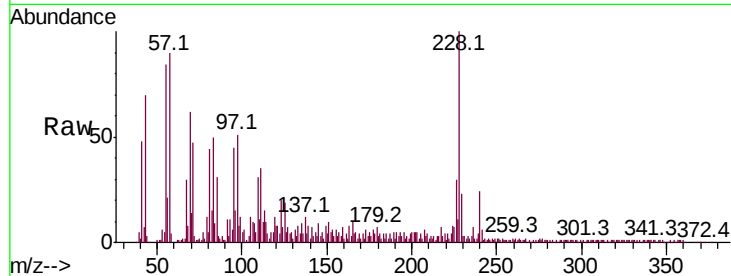
#80
Benzo(a)anthracene
Concen: 7.655 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampled :
RBR200028

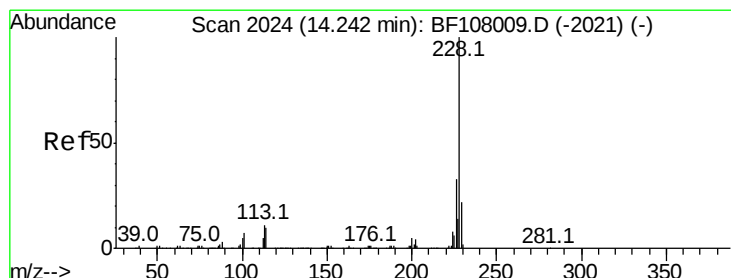
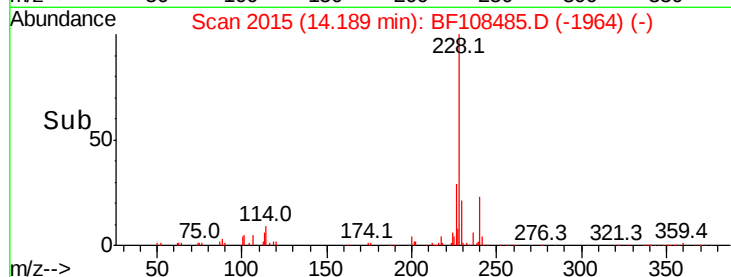
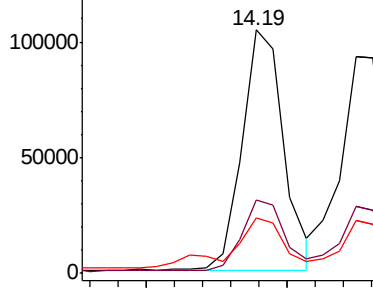
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	22.6	15.8	23.6

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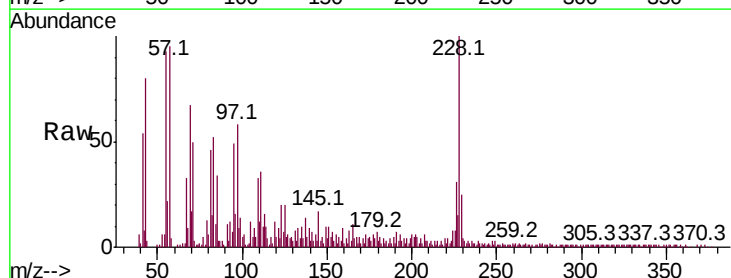


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

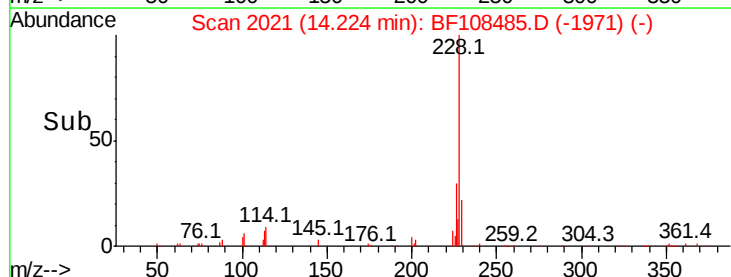
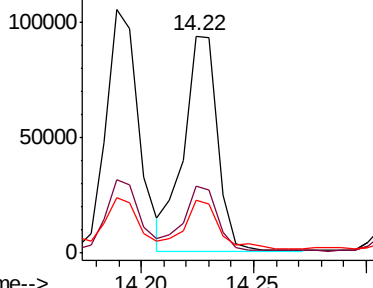


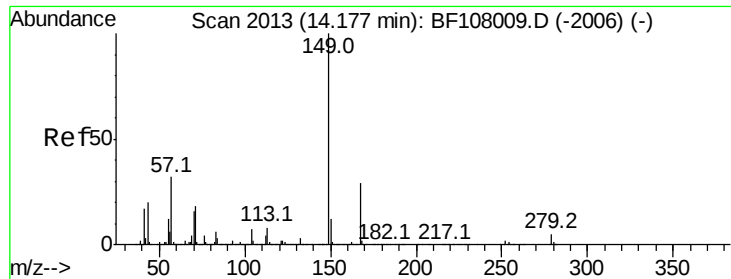
#82
Chrysene
Concen: 7.737 ng m
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	24.6	16.2	24.4#



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





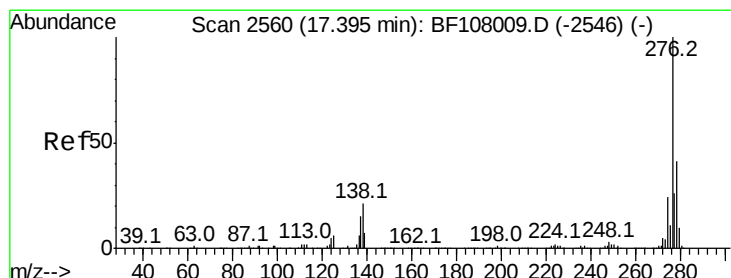
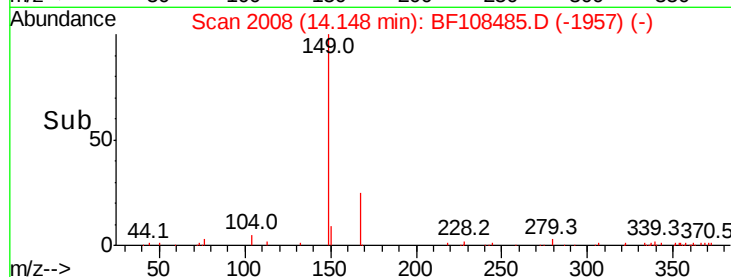
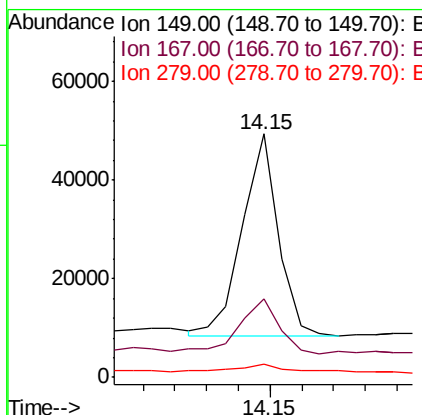
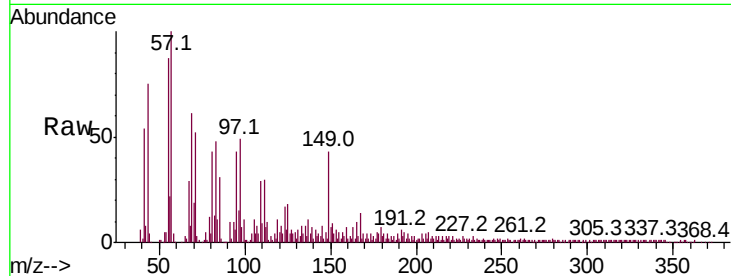
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.930 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RBR200028

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.4	21.3	31.9#
279	5.6	3.0	4.4#

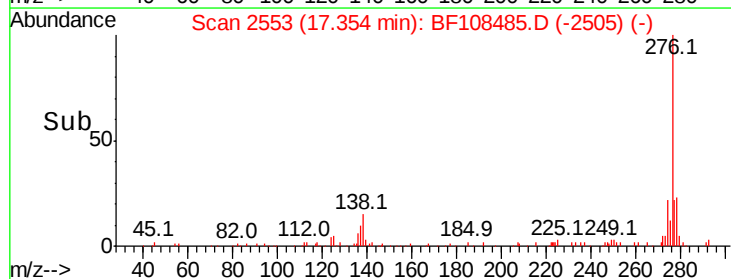
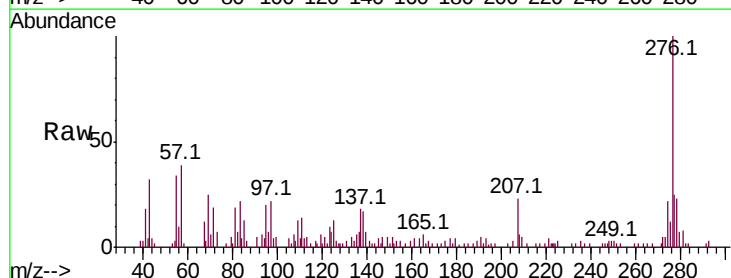
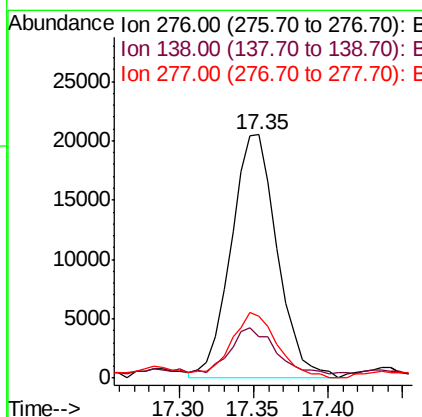
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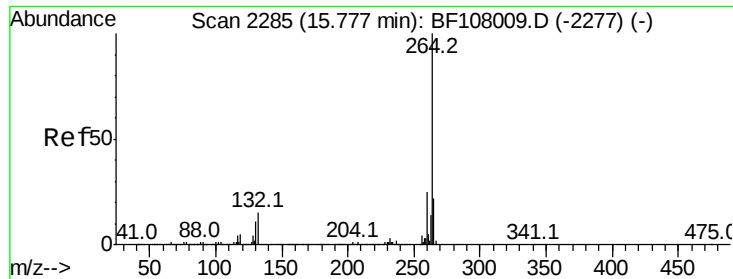
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.009 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	25.0	37.6#
277	27.1	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Instrument :

BNA_F

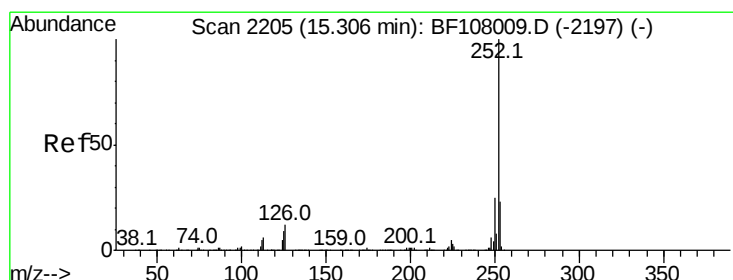
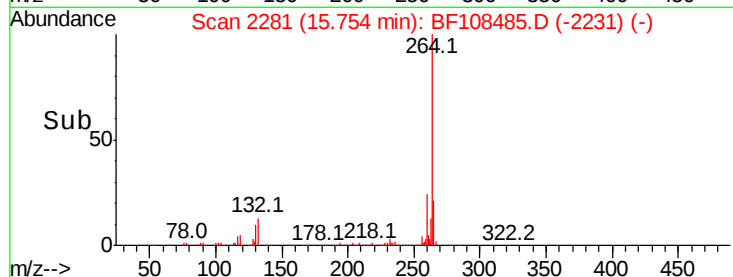
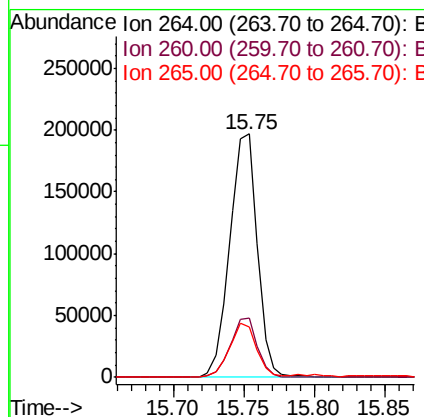
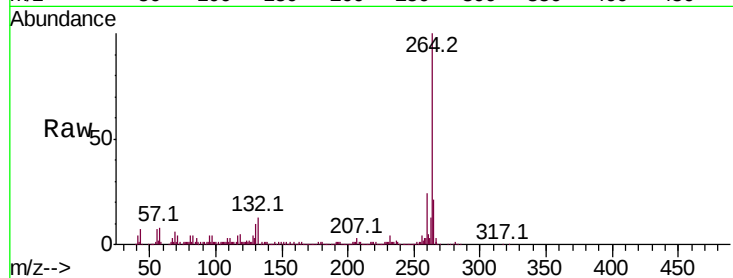
ClientSampleId :

RBR200028

Tot Ion:	264	Resp:	268343
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	20.9	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 7.935 ng m

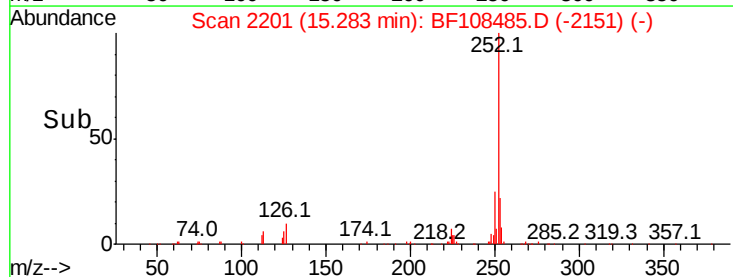
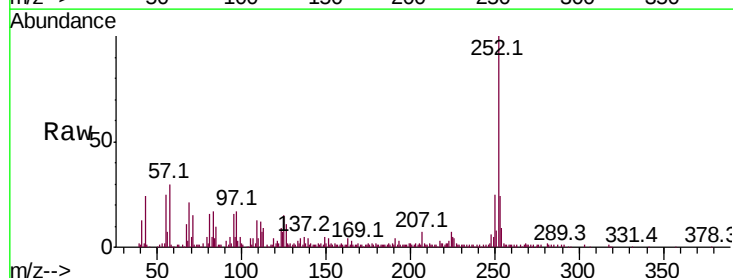
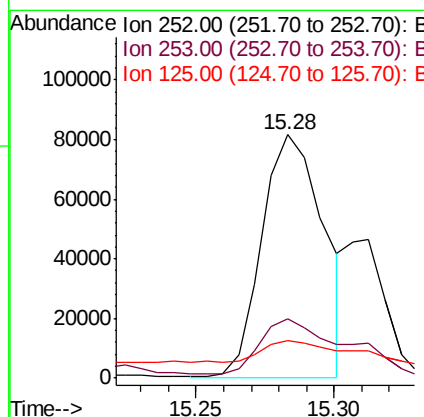
RT: 15.28 min Scan# 2201

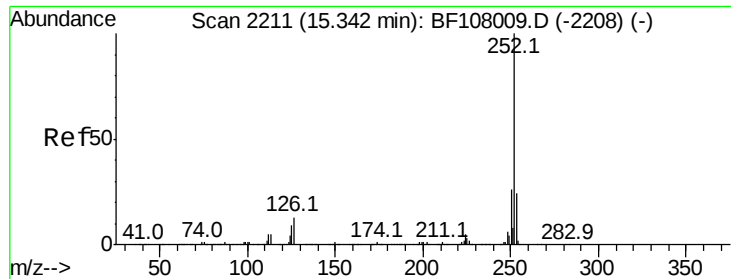
Delta R.T. -0.01 min

Lab File: BF108485.D

Acq: 25 Aug 2018 1:12

Tgt Ion:	252	Resp:	127233
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	15.5	9.0	13.6#





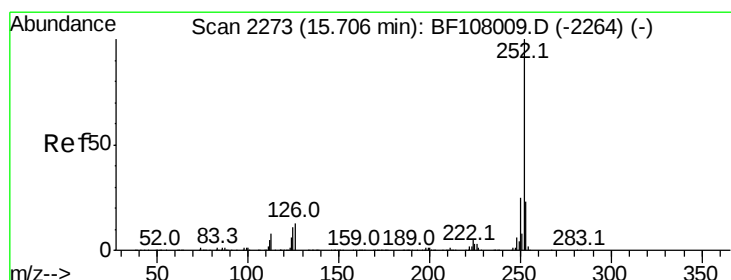
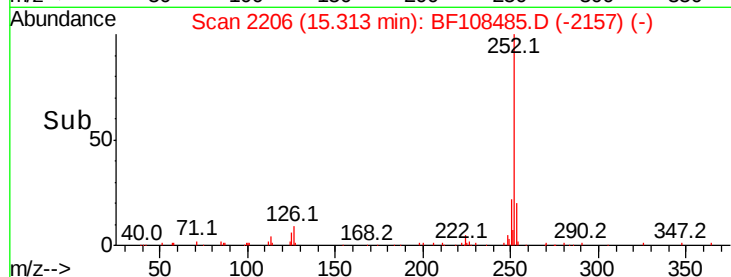
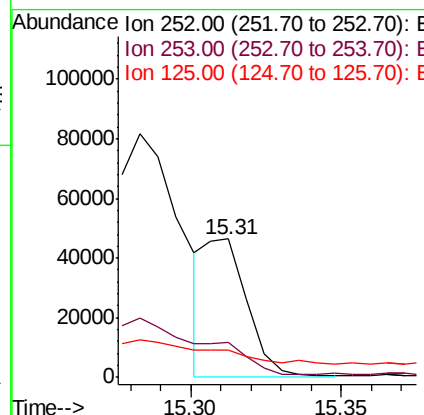
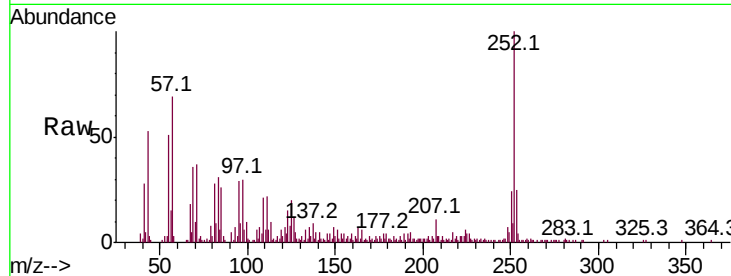
#88
Benzo(k)fluoranthene
Concen: 3.145 ng m
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Instrument :
BNA_F
ClientSampleId :
RBR200028

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	20.2	10.2	15.2

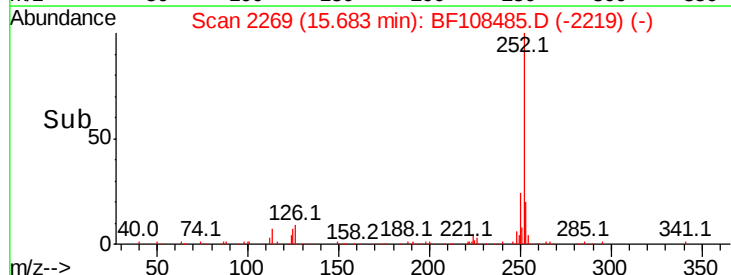
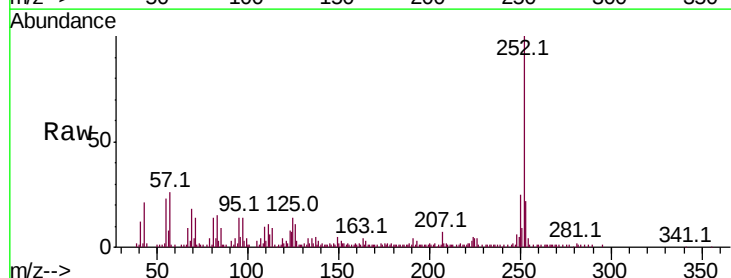
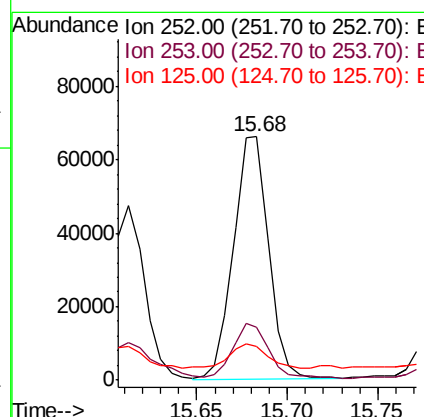
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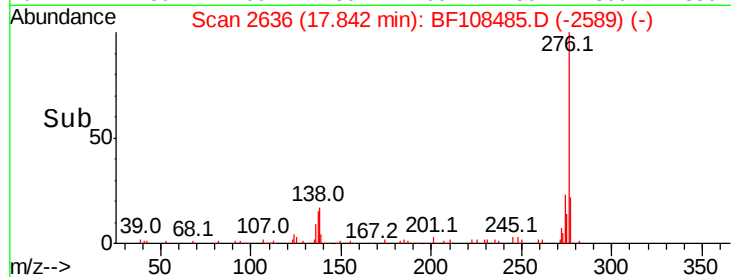
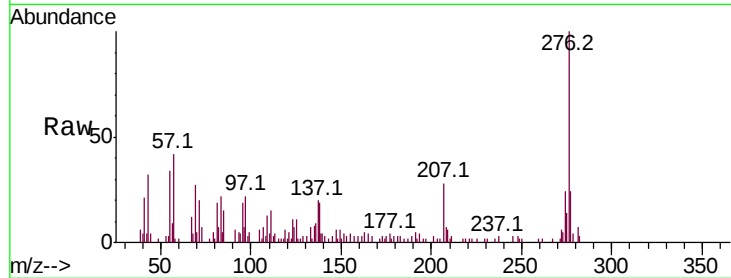
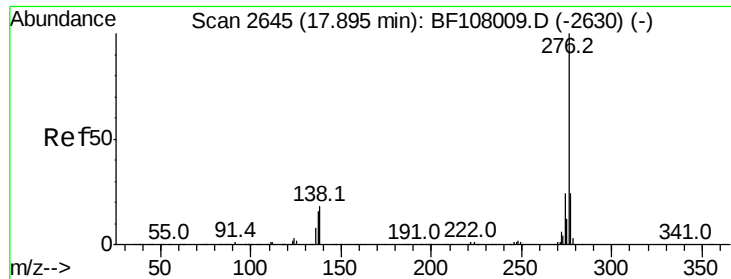
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#89
Benzo(a)pyrene
Concen: 6.211 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108485.D
Acq: 25 Aug 2018 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.296 ng
 RT: 17.84 min Scan# 2636
 Delta R.T. -0.02 min
 Lab File: BF108485.D
 Acq: 25 Aug 2018 1:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200028

Tot Ion	Ion	Ratio	Resp Lower	Upper
276	100			
277	23.9	17.9	26.9	
138	19.0	21.8	32.8	

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