

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113835.D
 Acq On : 18 Apr 2019 23:54
 Operator : JU/SJ
 Sample : K2197-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-E

Manual Integrations
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Quant Time: Apr 19 03:05:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	134810	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	444748	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	200479	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	431807	20.00	ng	0.00
76) Chrysene-d12	14.04	240	470868	20.00	ng	0.00
87) Perylene-d12	15.52	264	416288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	693743	85.57	ng	0.00
7) Phenol-d6	6.52	99	838331	82.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	471771	64.60	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	233727	105.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	854311	64.99	ng	0.00
79) Terphenyl-d14	12.99	244	1255810	55.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	88327	6.296	ng	99
71) Phenanthrene	11.43	178	51454	2.340	ng	97
75) Fluoranthene	12.62	202	137050	5.880	ng	95
78) Pyrene	12.85	202	129475	3.902	ng	96
81) Benzo(a)anthracene	14.03	228	77111	2.802	ng	93
83) Chrysene	14.07	228	76989	2.818	ng	96
88) Benzo(b)fluoranthene	15.08	252	101021m	3.893	ng	
90) Benzo(a)pyrene	15.45	252	57941	2.525	ng	# 89

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

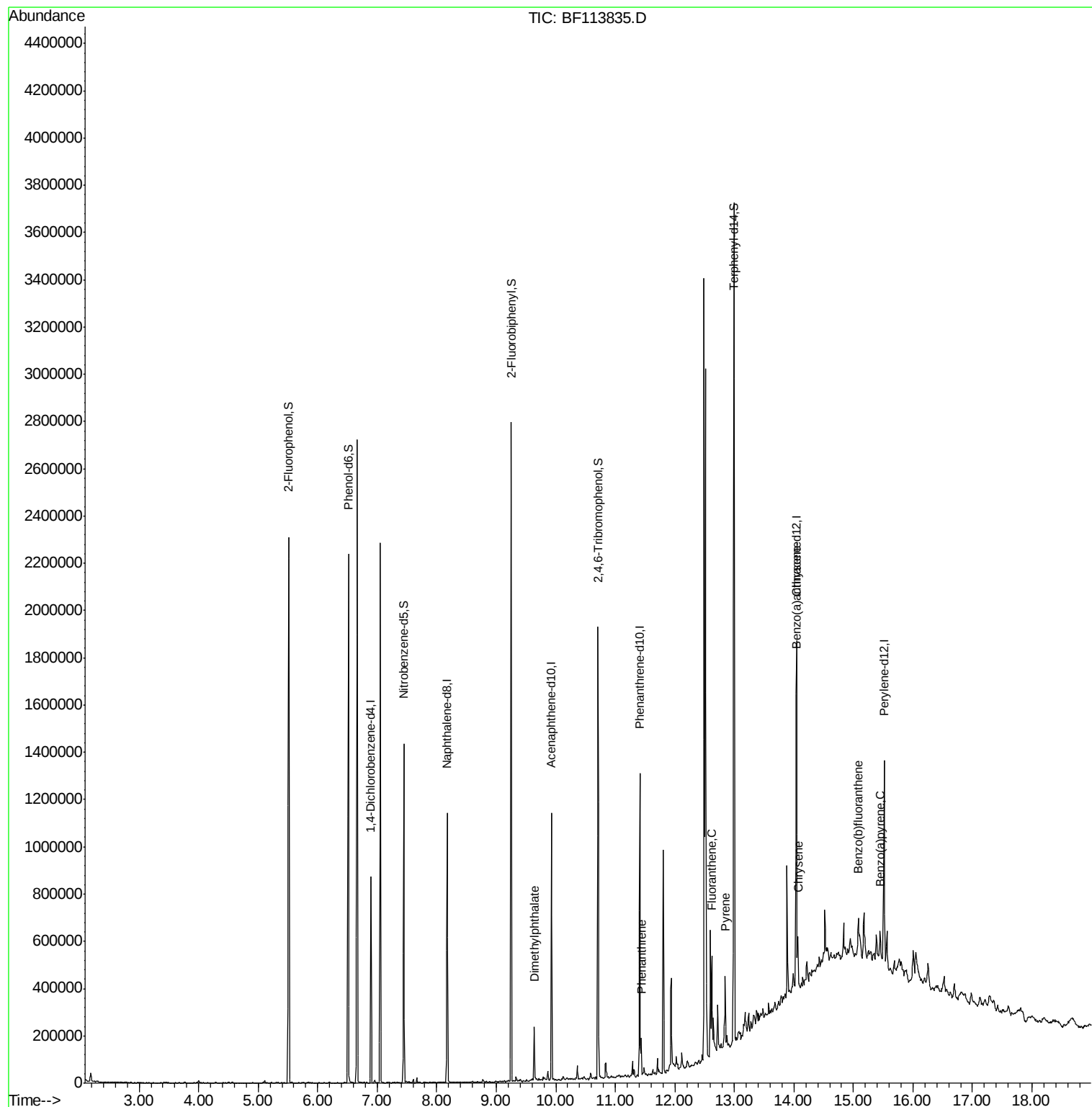
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113835.D
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Sample : K2197-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

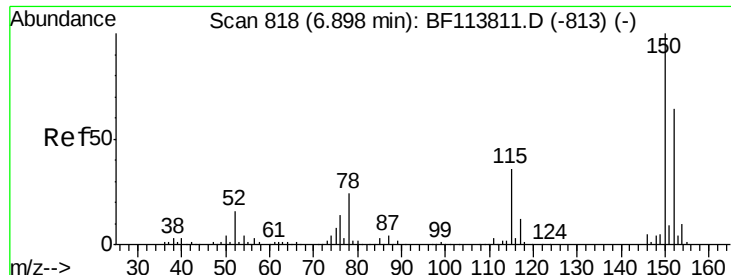
Instrument :
BNA_F
ClientSampleId :
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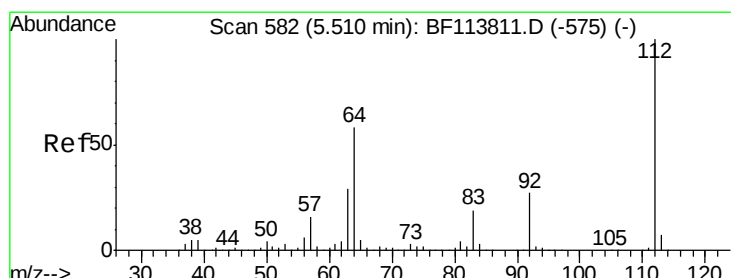
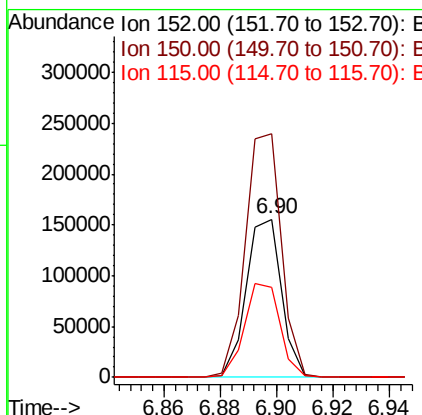
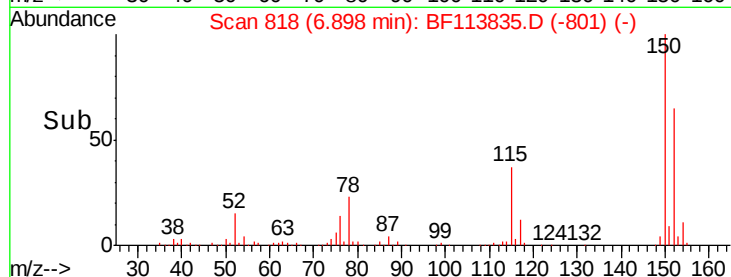
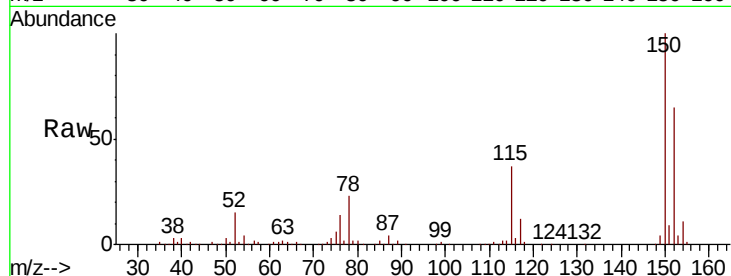
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113835.D
 Acq: 18 Apr 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	56.6	45.9	68.9

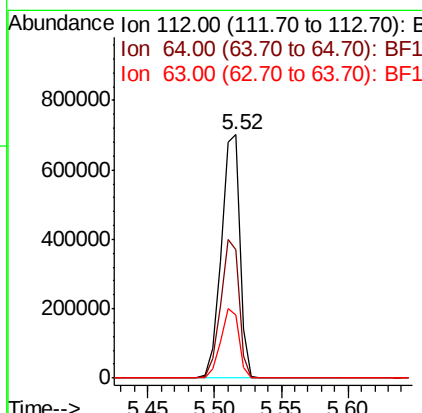
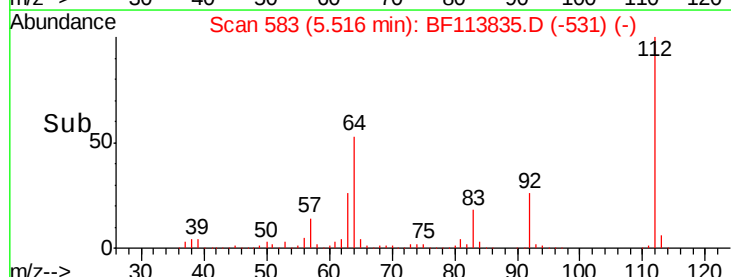
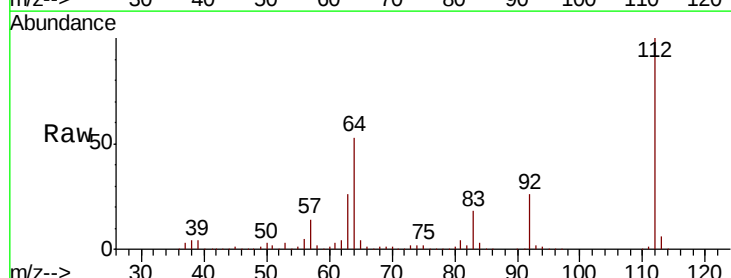
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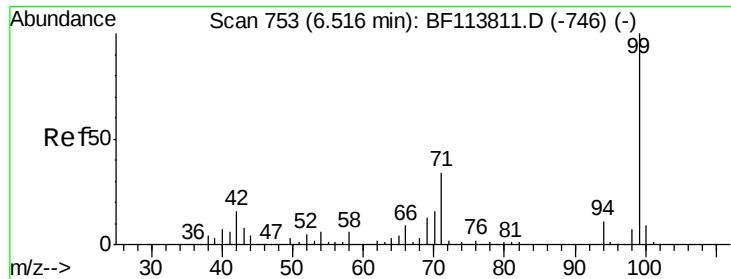
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#5
 2-Fluorophenol
 Concen: 85.568 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113835.D
 Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.6	69.8
63	26.1	23.1	34.7





#7

Phenol-d6

Concen: 82.915 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Instrument :

BNA_F

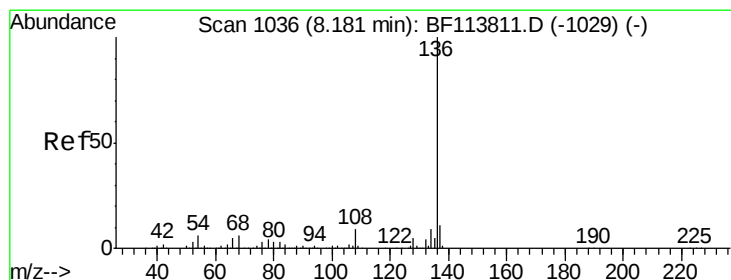
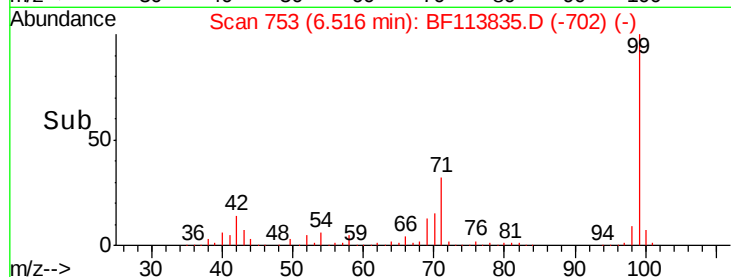
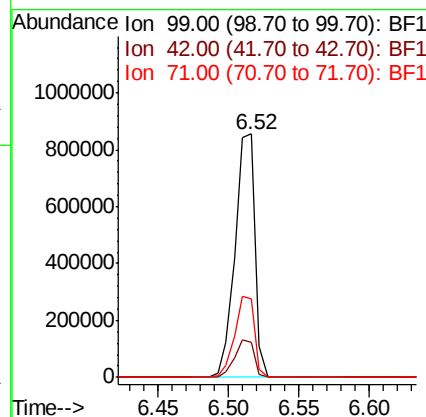
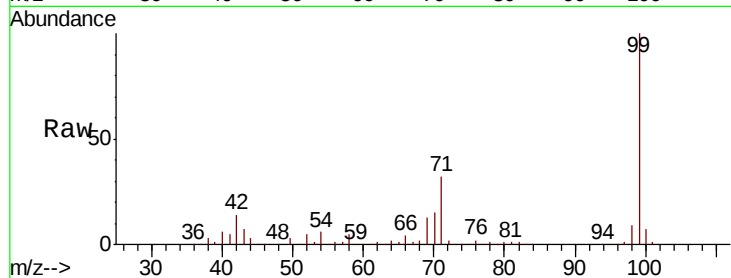
ClientSampleId :

CL-01-041619-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		838331		
42	14.4	12.5	18.7		
71	32.0	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

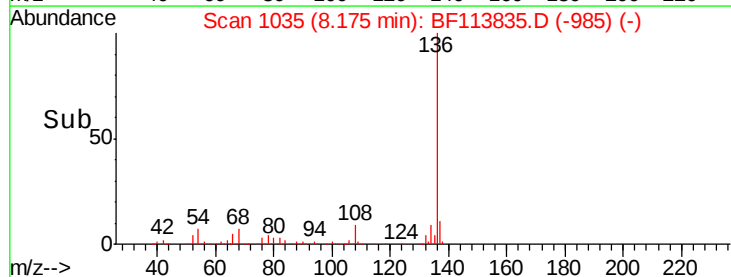
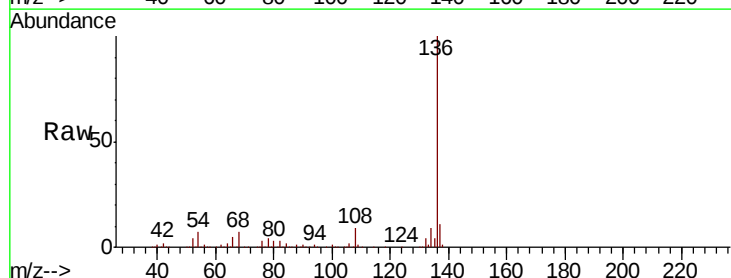
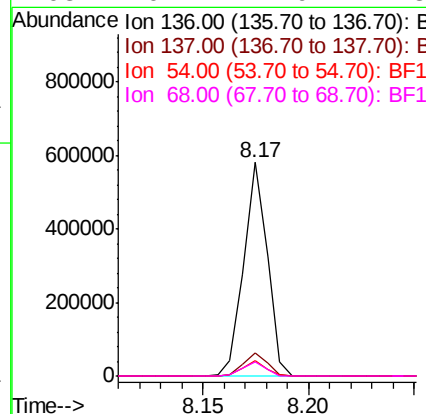
RT: 8.17 min Scan# 1035

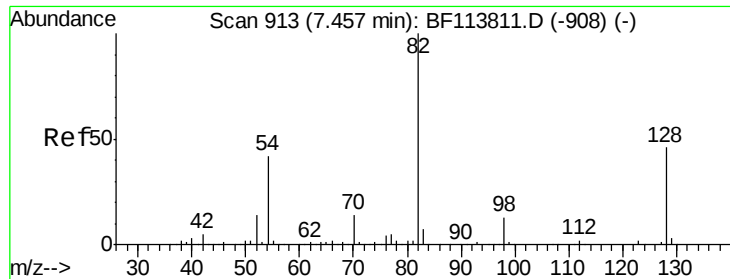
Delta R.T. -0.01 min

Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		444748		
137	11.0	8.6	12.8		
54	6.9	5.0	7.6		
68	6.7	4.9	7.3		





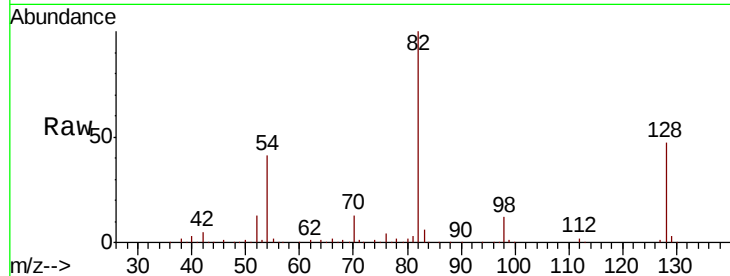
#23
Nitrobenzene-d5
Concen: 64.596 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

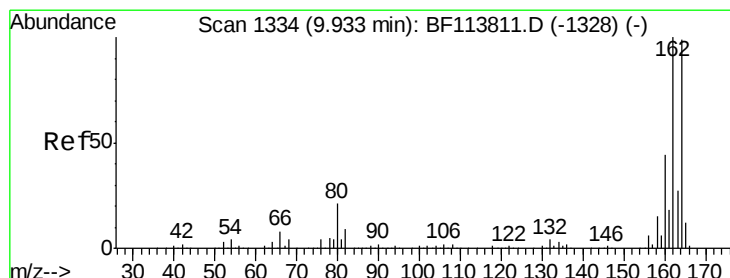
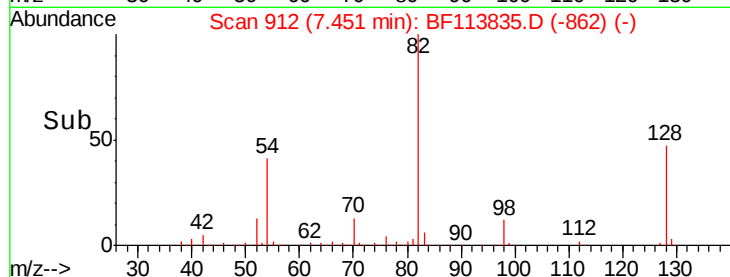
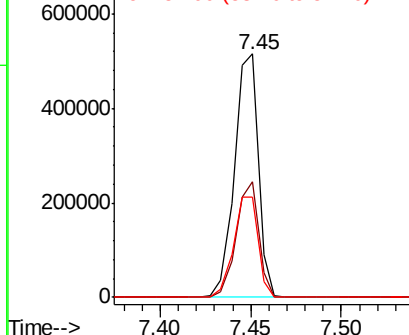
Tot Ion	82	Resp	471771
Ion Ratio	100	Lower	Upper
128	47.3	36.8	55.2
54	41.4	33.8	50.6

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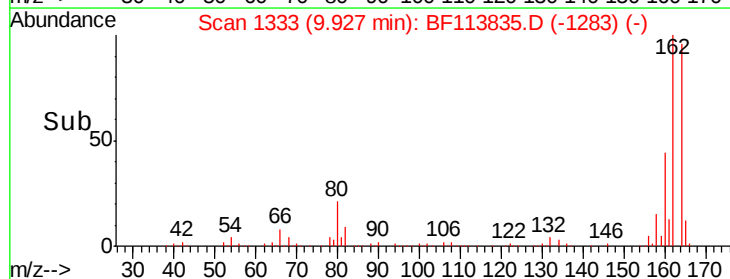
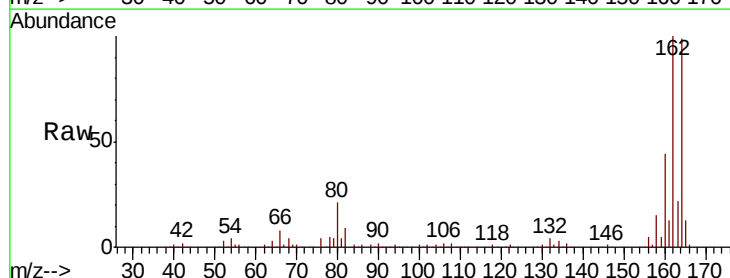
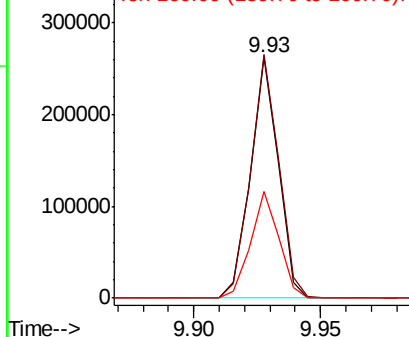
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

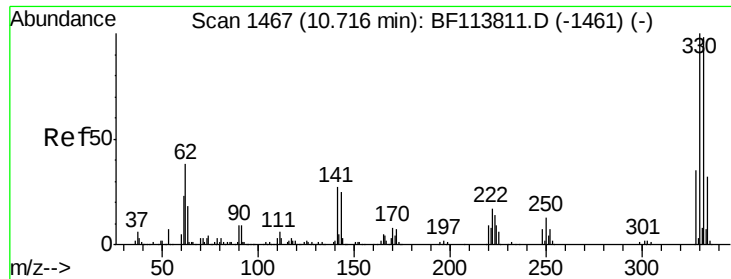


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Tgt Ion	164	Resp	200479
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.2	81.1	121.7
160	44.5	35.8	53.6

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





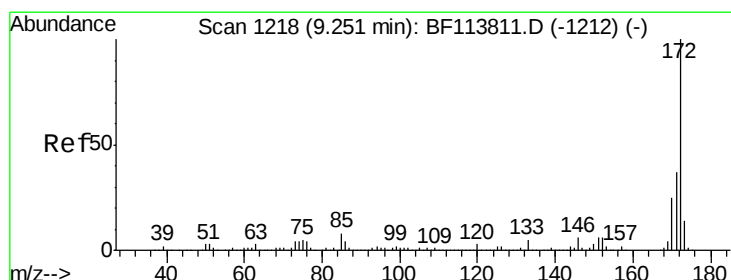
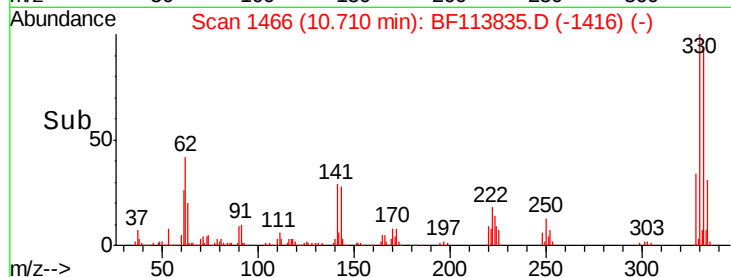
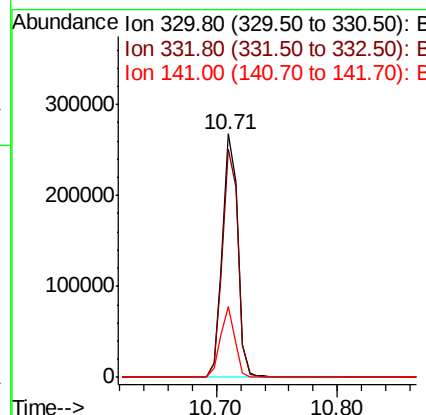
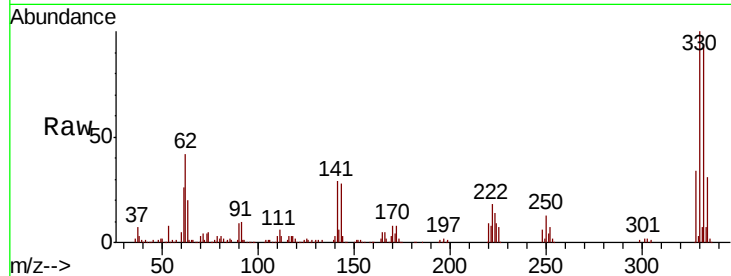
#42
 2,4,6-Tribromophenol
 Concen: 105.524 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF113835.D
 Acq: 18 Apr 2019 23:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-E

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233727		
332	95.3	77.5	116.3	
141	27.1	22.2	33.2	

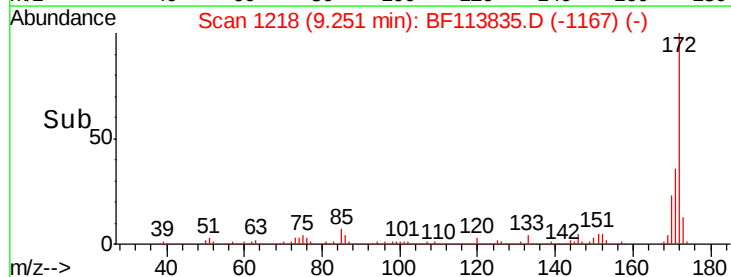
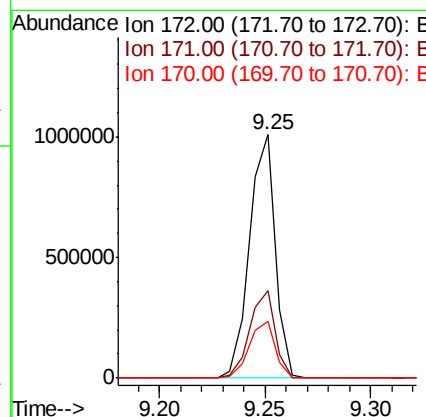
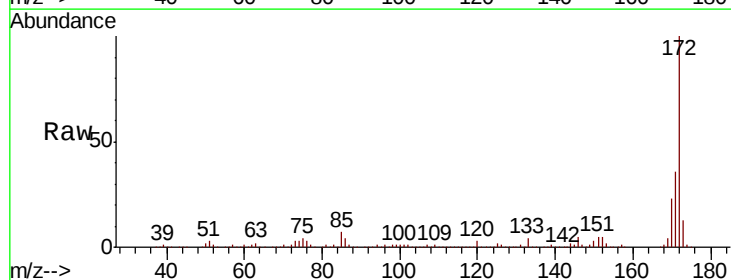
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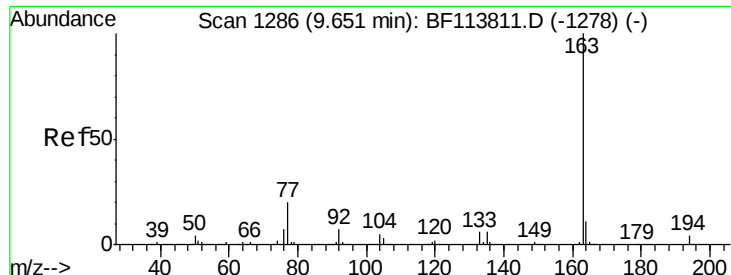
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#45
 2-Fluorobiphenyl
 Concen: 64.987 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113835.D
 Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	854311		
171	35.9	29.4	44.0	
170	23.4	19.9	29.9	





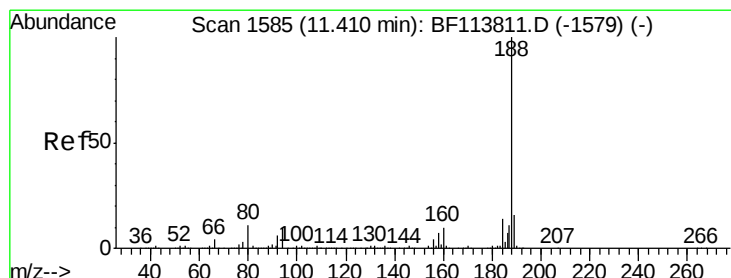
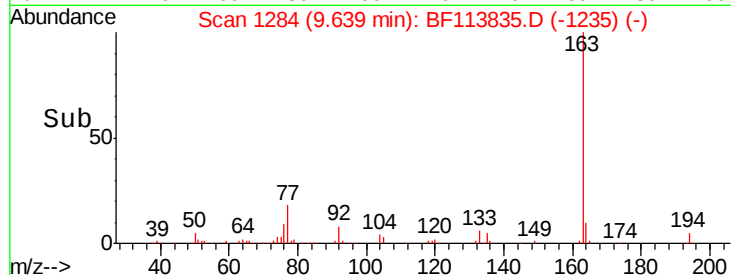
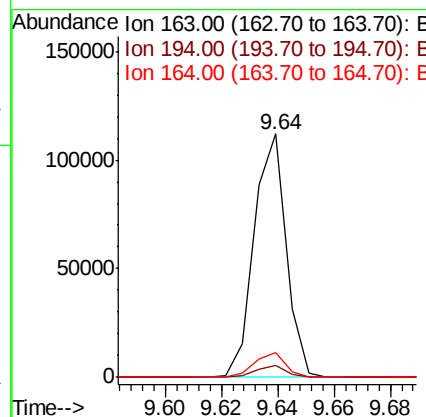
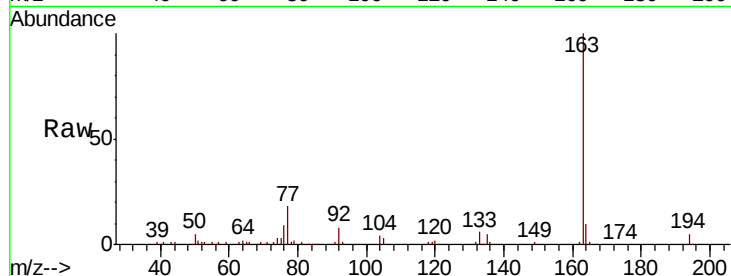
#50
Dimethylphthalate
Concen: 6.296 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

Tot Ion	Ratio	Resp	Lower	Upper
163	100	88327		
194	4.7		3.4	5.2
164	10.3		8.5	12.7

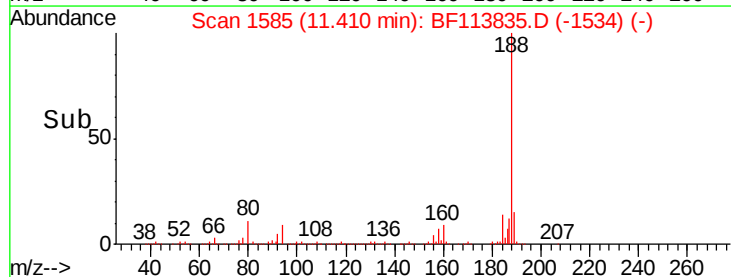
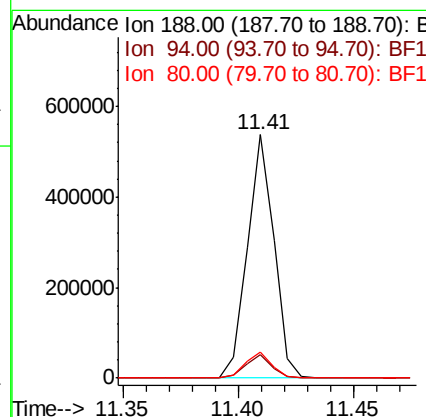
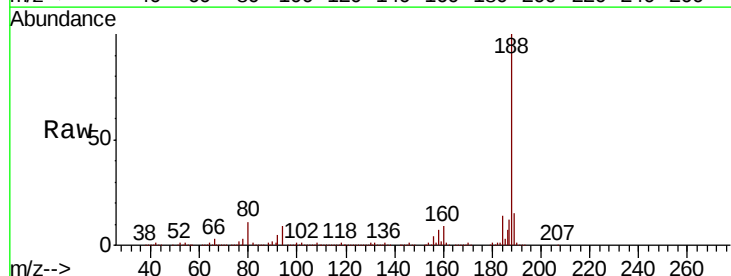
Manual Integrations
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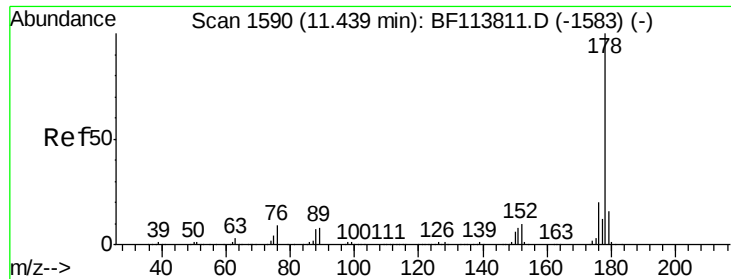
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	431807		
94	9.4		8.2	12.4
80	10.5		9.0	13.6





#71

Phenanthrene

Concen: 2.340 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Instrument :

BNA_F

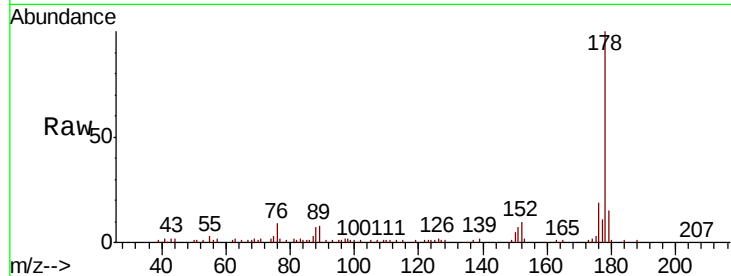
ClientSampleId :

CL-01-041619-E

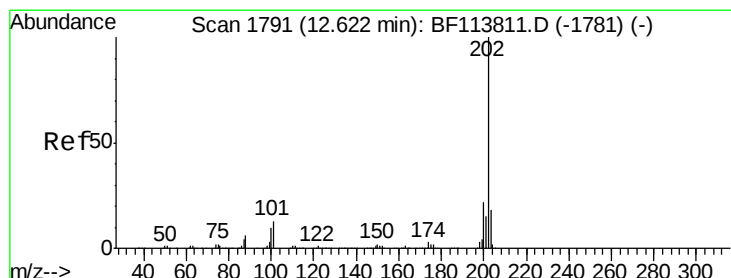
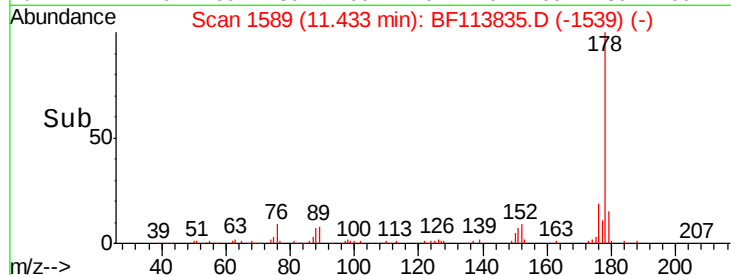
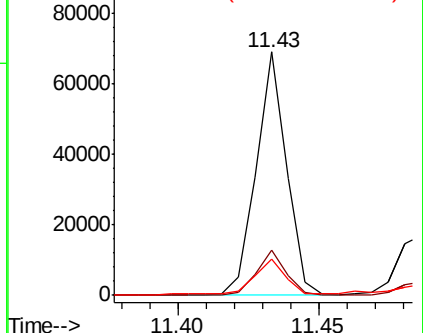
Tot Ion:	178	Resp:	51454
Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.1	12.8	19.2

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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



#75

Fluoranthene

Concen: 5.880 ng

RT: 12.62 min Scan# 1791

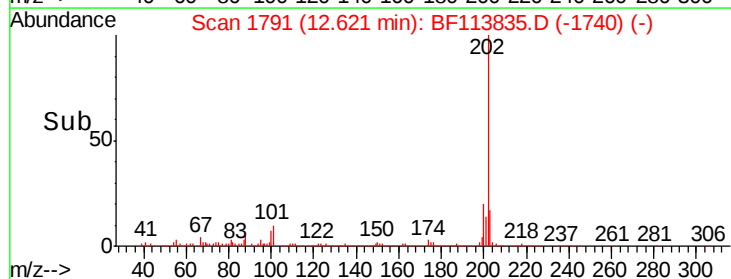
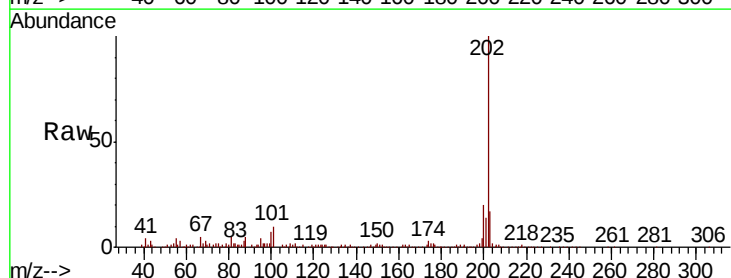
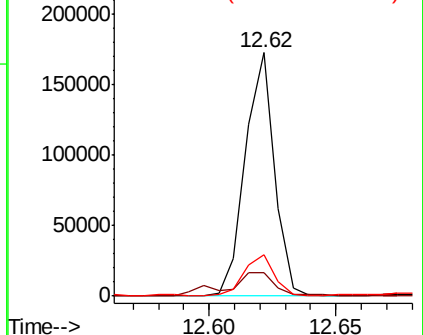
Delta R.T. -0.00 min

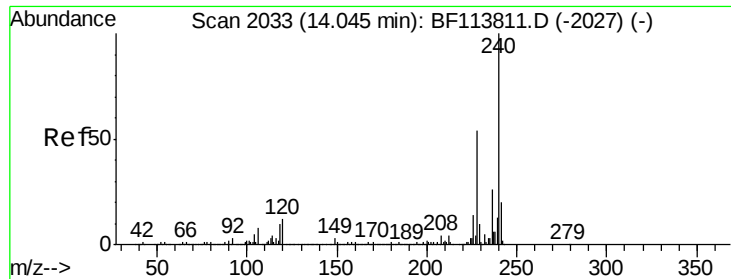
Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Tgt Ion:	202	Resp:	137050
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.9
203	16.9	0.0	38.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





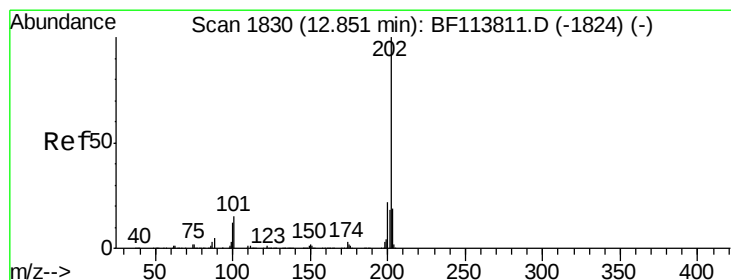
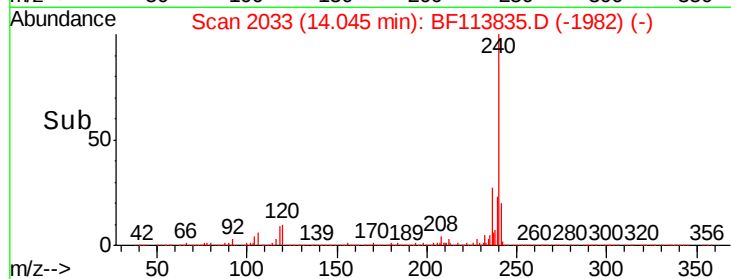
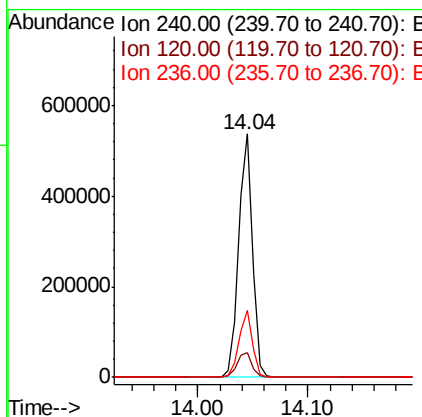
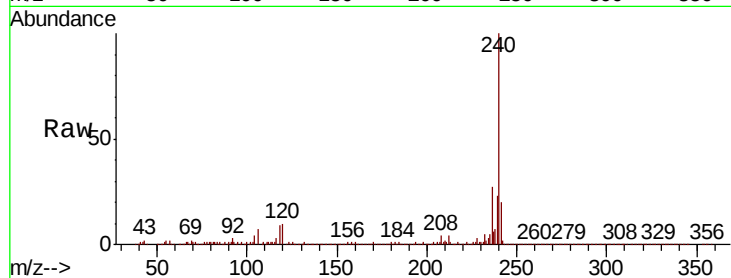
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.3	13.9
236	27.3	21.2	31.8

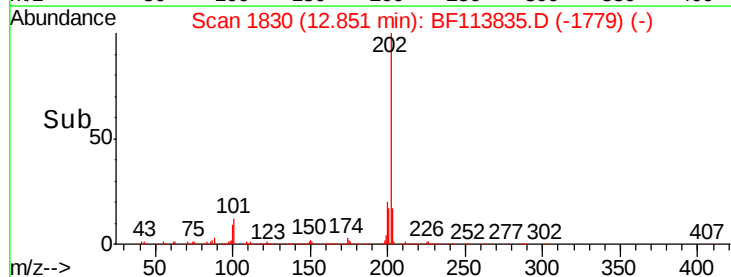
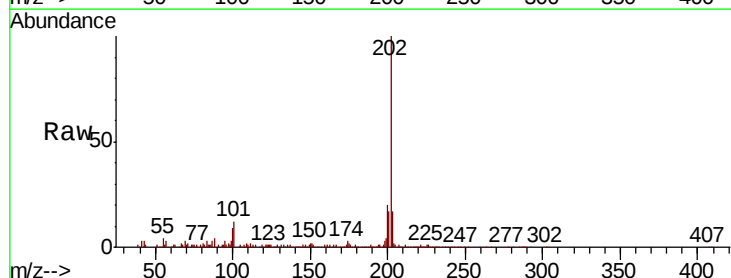
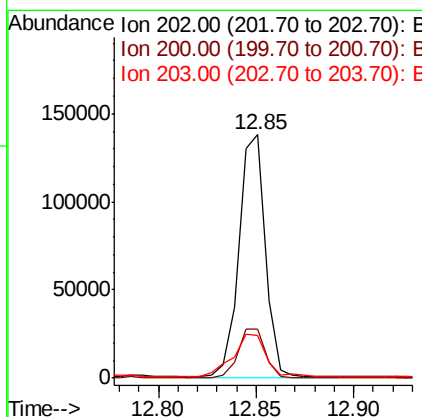
Manual Integrations
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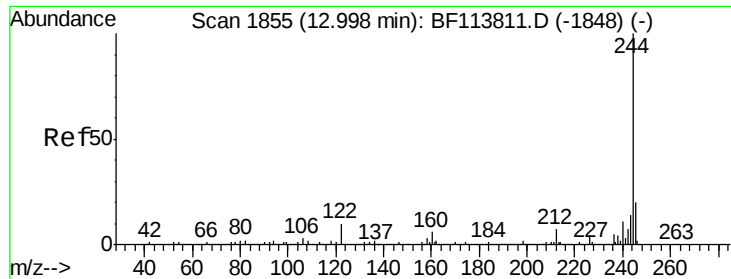
Sohil
4/23/2019 8:16:51 AM



#78
Pyrene
Concen: 3.902 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	17.4	15.0	22.6





#79

Terphenyl-d14

Concen: 55.926 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Instrument :

BNA_F

ClientSampleId :

CL-01-041619-E

Tot Ion:244 Resp: 1255810

Ion Ratio Lower Upper

244 100

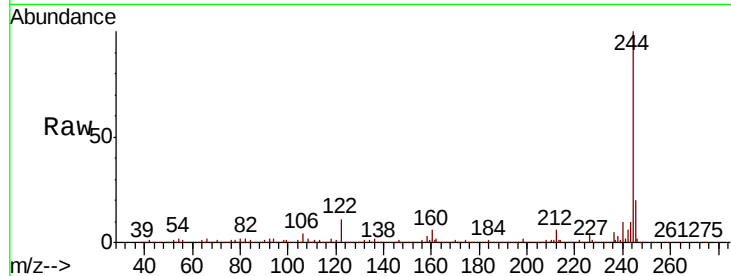
212 6.4 5.4 8.2

122 10.7 7.6 11.4

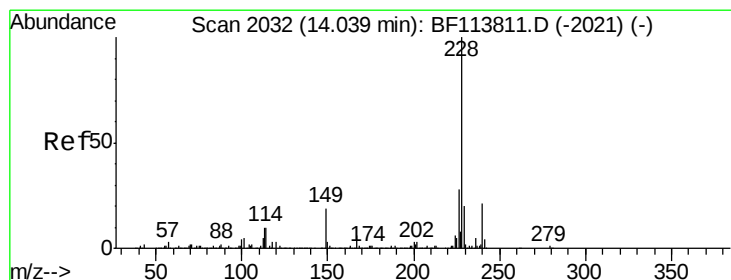
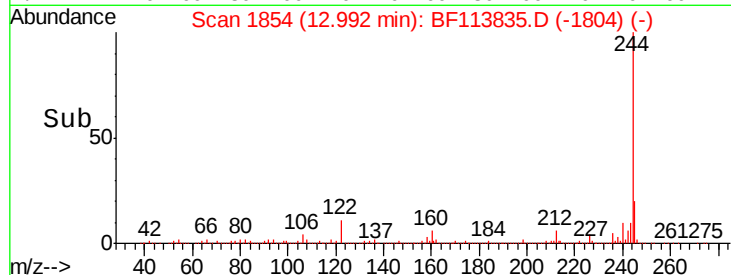
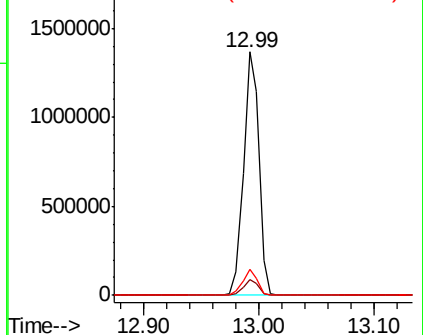
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.802 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113835.D

Acq: 18 Apr 2019 23:54

Tgt Ion:228 Resp: 77111

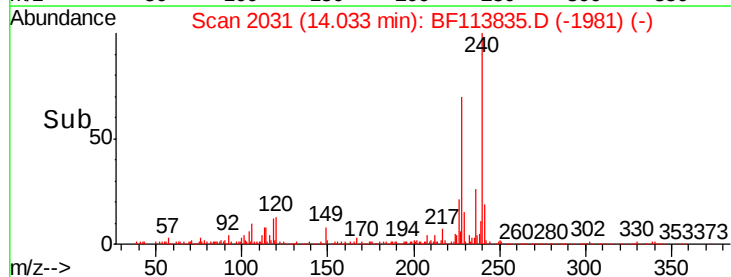
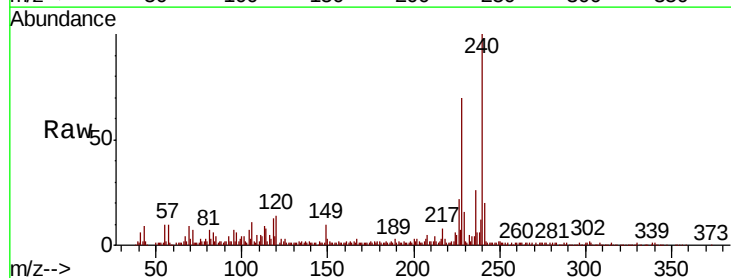
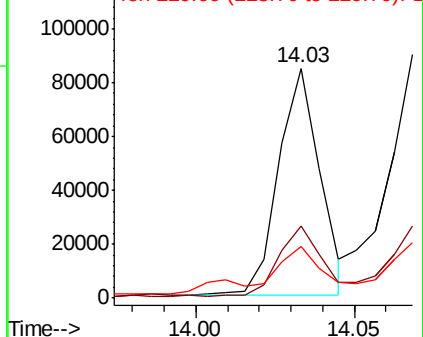
Ion Ratio Lower Upper

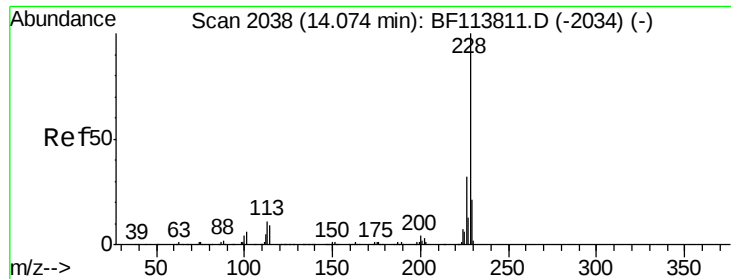
228 100

226 31.5 22.2 33.2

229 22.7 16.0 24.0

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





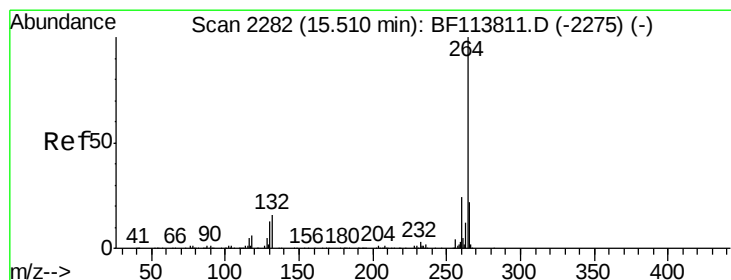
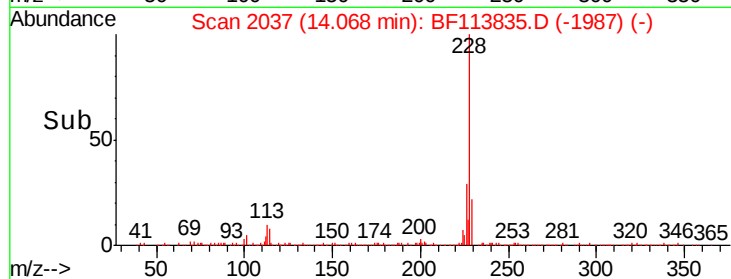
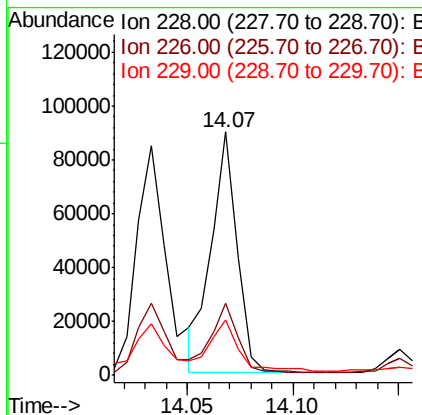
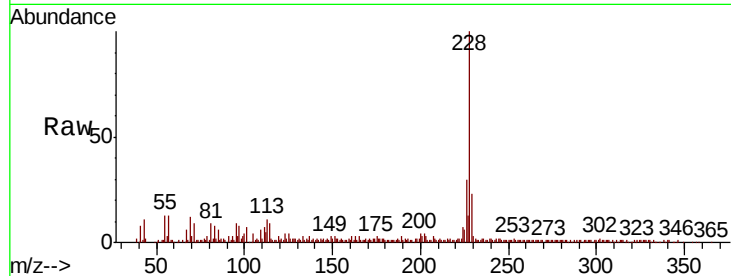
#83
Chrysene
Concen: 2.818 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.2	37.8
229	22.8	16.7	25.1

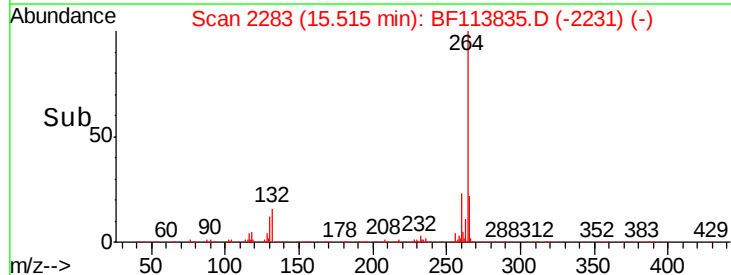
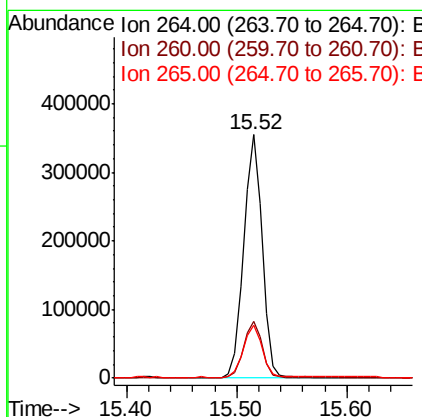
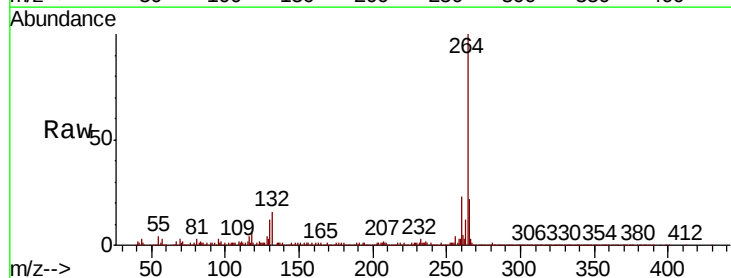
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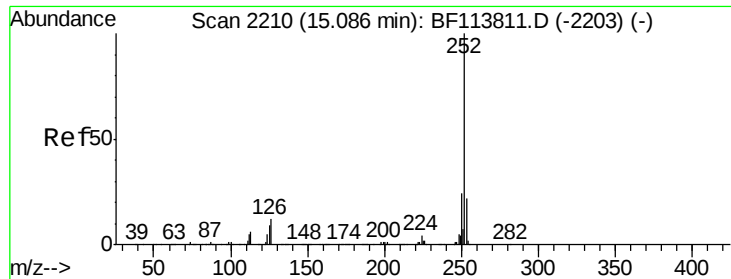
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.9	17.3	25.9





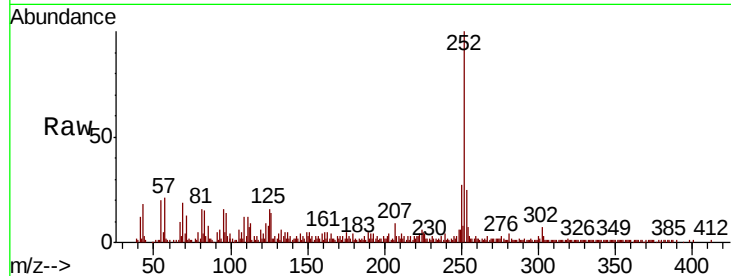
#88
Benzo(b)fluoranthene
Concen: 3.893 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-E

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	17.8	26.6
125	15.9	7.0	10.6

Manual Integrations
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Sohil
4/23/2019 8:16:51 AM

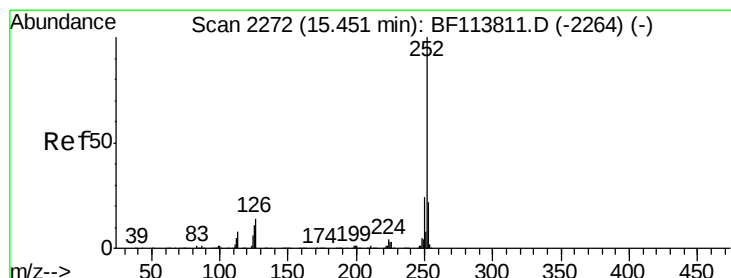
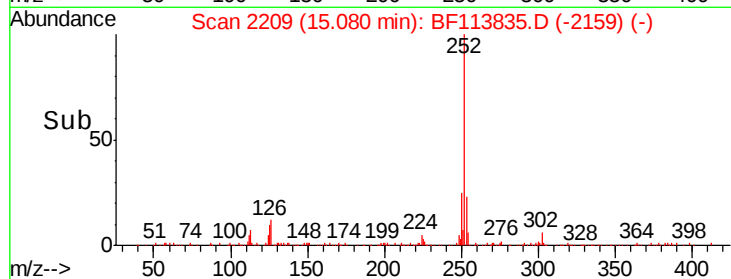
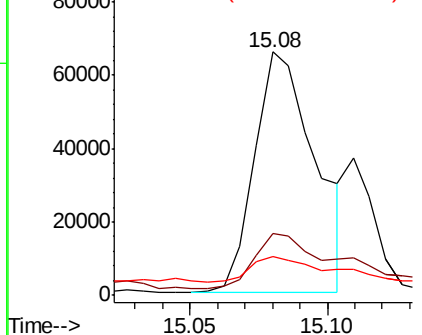


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.525 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113835.D
Acq: 18 Apr 2019 23:54

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	17.5	26.3
125	17.7	8.5	12.7

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

