

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113834.D
 Acq On : 18 Apr 2019 23:25
 Operator : JU/SJ
 Sample : K2197-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/23/2019 8:16:50 AM

Quant Time: Apr 19 17:38:21 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	6.89	152	171862	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	568128	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	246810	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	482005	20.00	ng	0.00
76) Chrysene-d12	14.04	240	533214	20.00	ng	0.00
87) Perylene-d12	15.52	264	478093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	793692	76.79	ng	0.00
7) Phenol-d6	6.52	99	963697	74.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	556512	59.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	232260	85.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	955265	59.03	ng	0.00
79) Terphenyl-d14	13.00	244	1230343	48.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	113898	6.594	ng	99
71) Phenanthrene	11.43	178	246945	10.059	ng	98
72) Anthracene	11.49	178	71579	2.894	ng	98
75) Fluoranthene	12.62	202	511557	19.662	ng	98
78) Pyrene	12.85	202	476307	12.675	ng	99
81) Benzo(a)anthracene	14.03	228	284740	9.135	ng	95
83) Chrysene	14.07	228	254549	8.228	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	96995	3.840	ng	96
88) Benzo(b)fluoranthene	15.09	252	304007m	10.200	ng	
89) Benzo(k)fluoranthene	15.11	252	98107m	3.614	ng	
90) Benzo(a)pyrene	15.45	252	194041	7.363	ng	# 95
92) Benzo(a,h,i)perylene	17.43	276	88523	3.714	ng	95

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

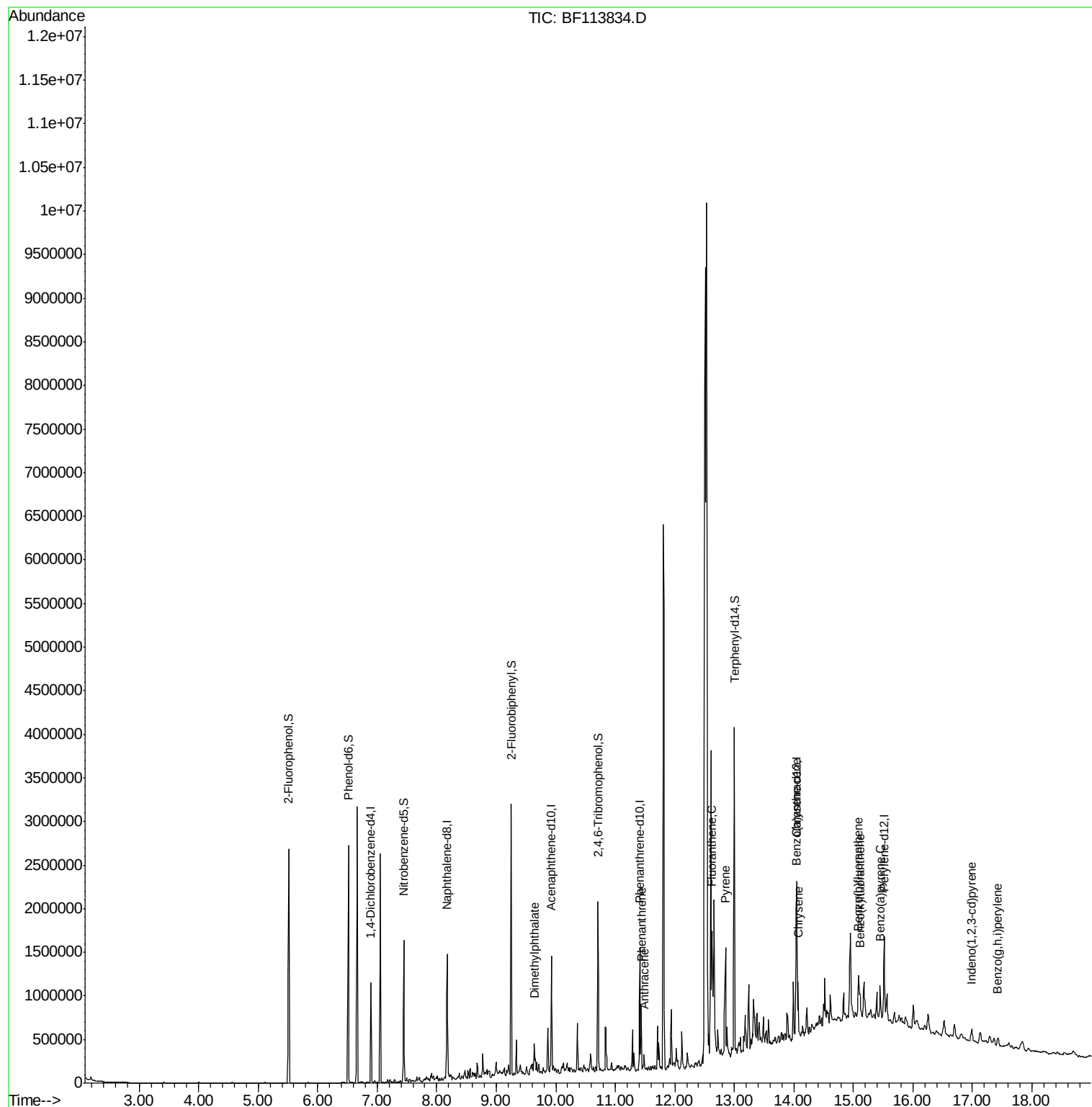
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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ALS Vial : 18 Sample Multiplier: 1

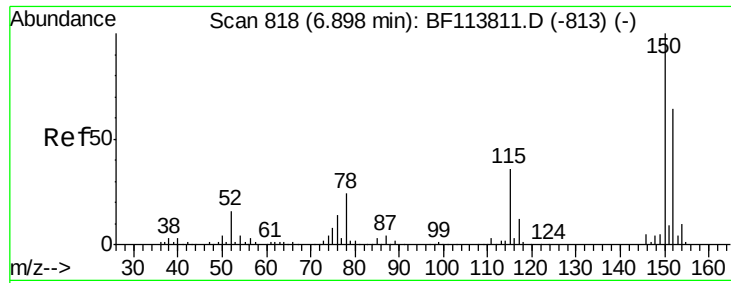
Instrument :
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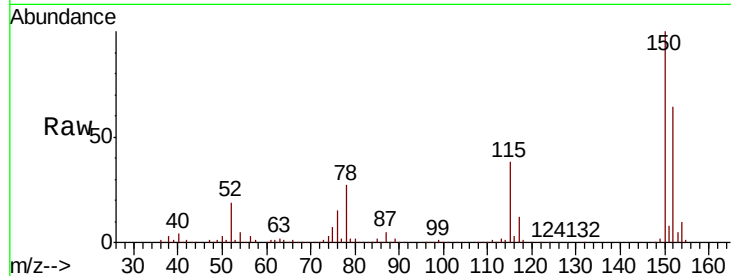
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.9	188.9
115	60.0	45.9	68.9

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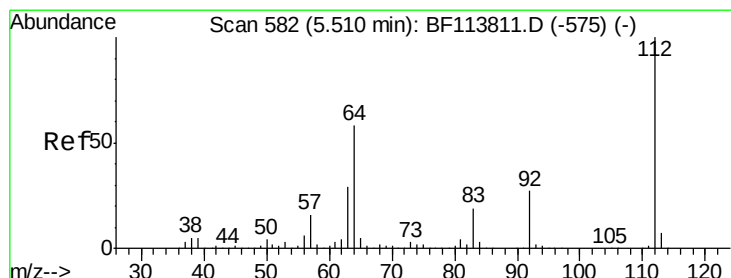
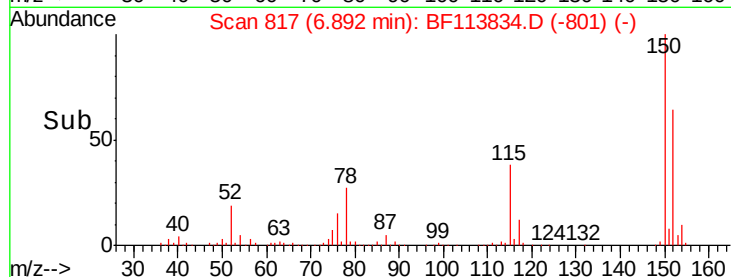
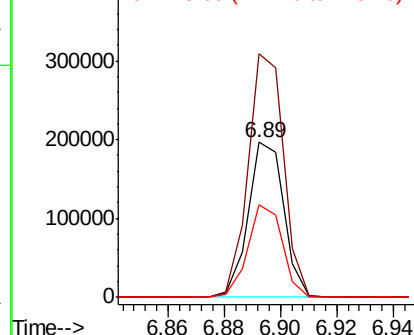


Abundance

Ion 152.00 (151.70 to 152.70): E

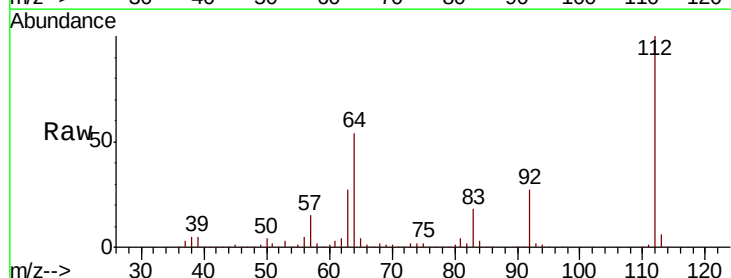
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 76.790 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.6	69.8
63	27.1	23.1	34.7

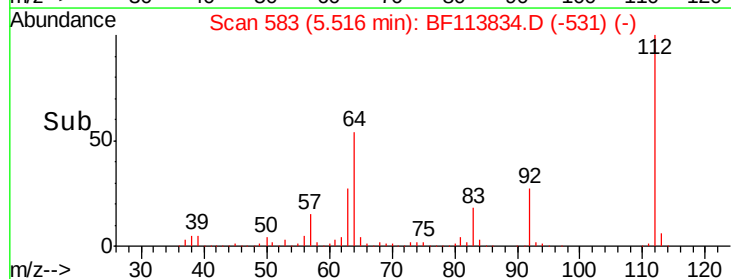
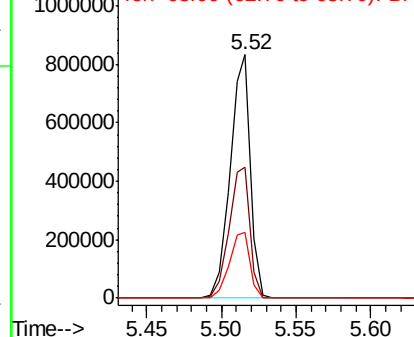


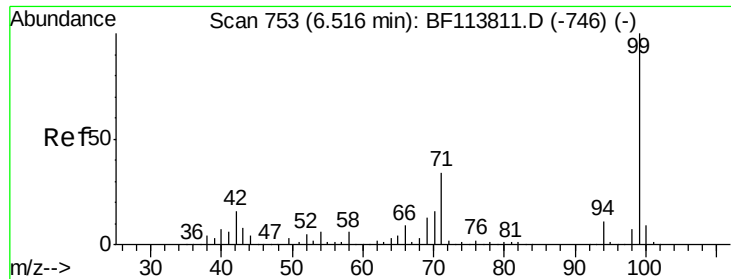
Abundance

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: 74.766 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

Instrument :

BNA_F

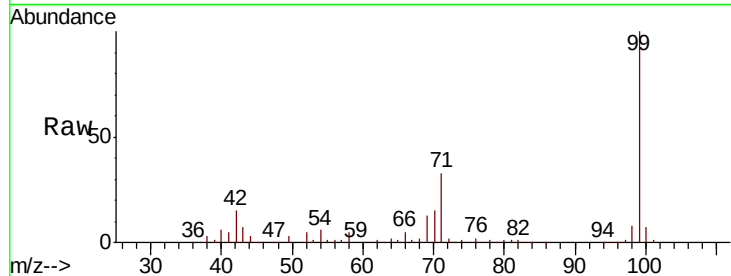
ClientSampleId :

CL-01-041619-A

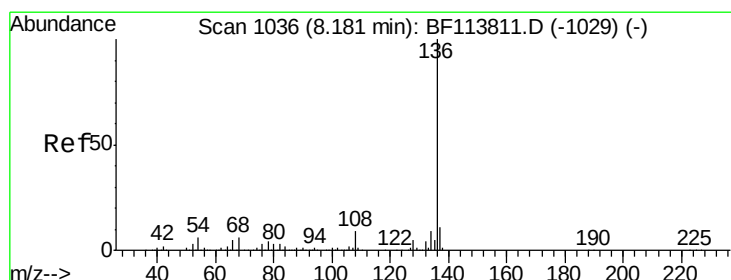
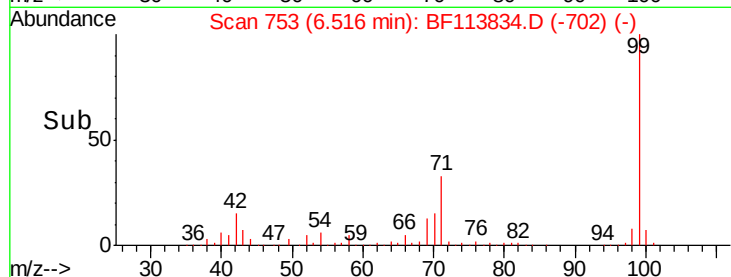
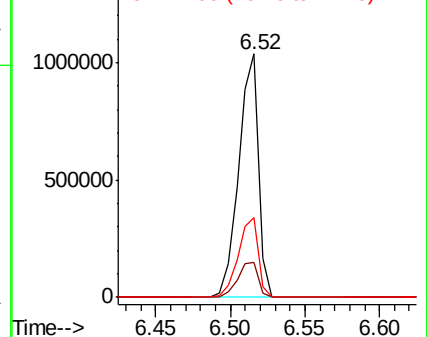
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		963697		
42	14.6	12.5	18.7		
71	32.8	26.9	40.3		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

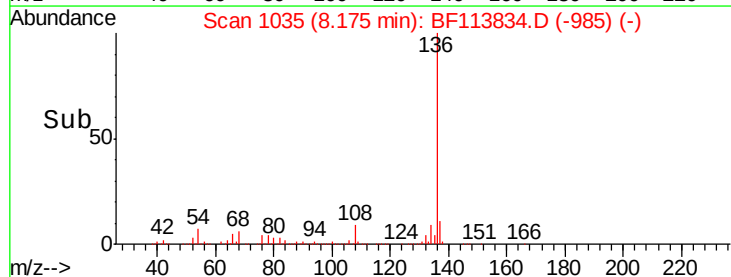
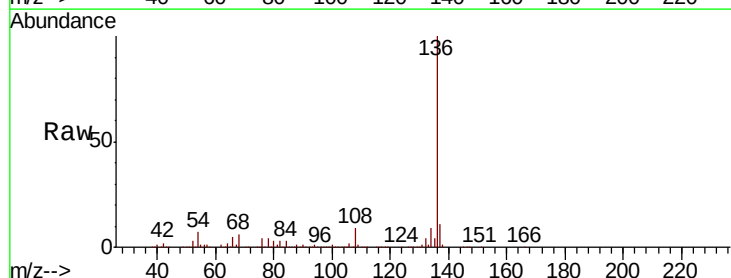
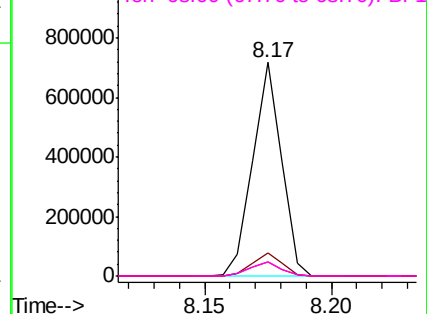
Delta R.T. -0.01 min

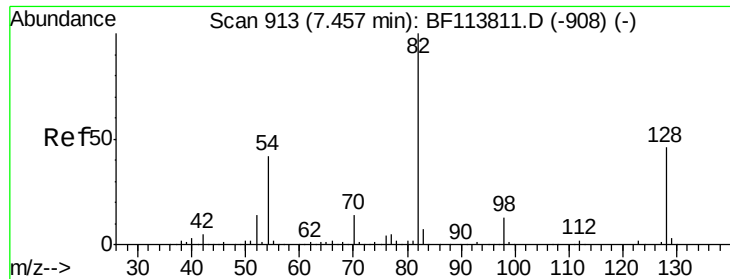
Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		568128		
137	11.1	8.6	12.8		
54	6.8	5.0	7.6		
68	6.5	4.9	7.3		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





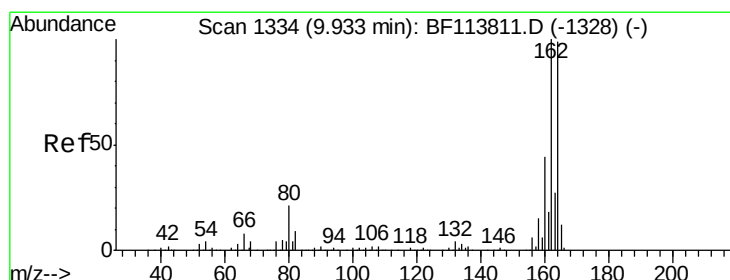
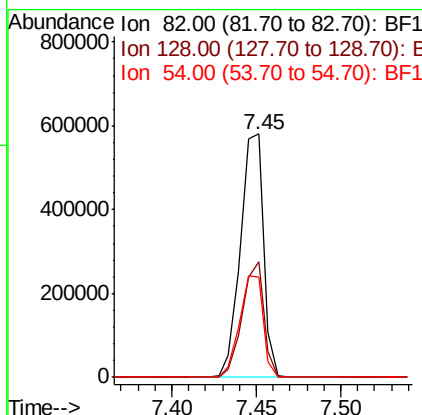
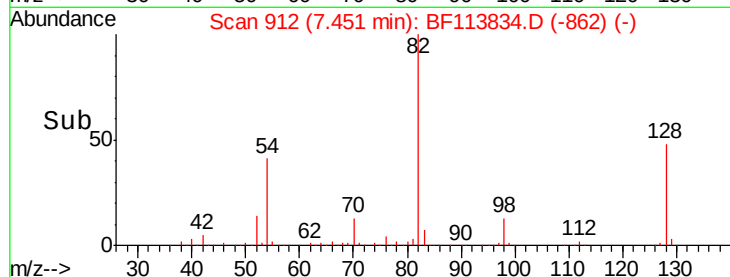
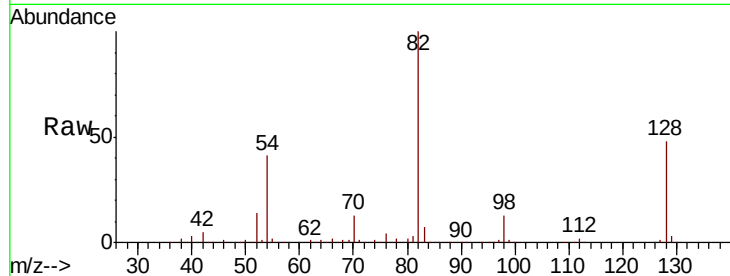
#23
 Nitrobenzene-d5
 Concen: 59.651 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	556512		
128	47.7	36.8	55.2	
54	41.3	33.8	50.6	

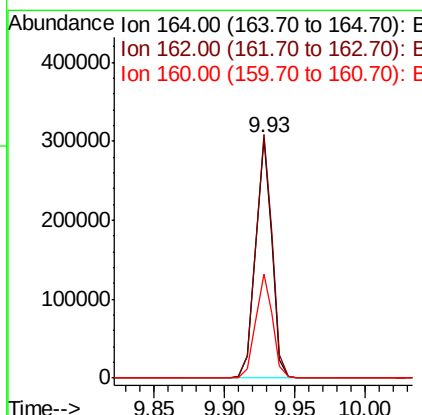
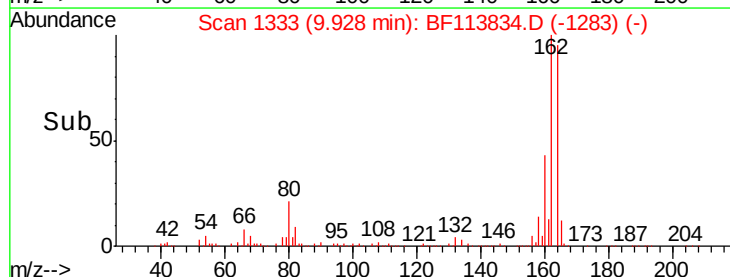
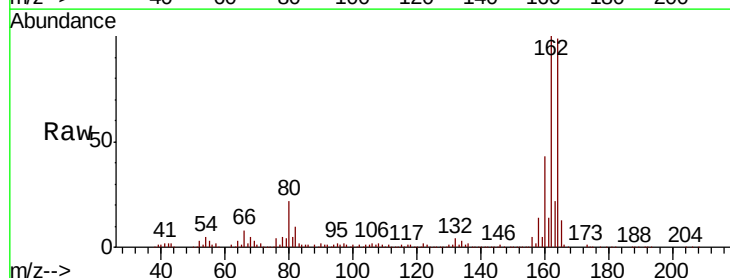
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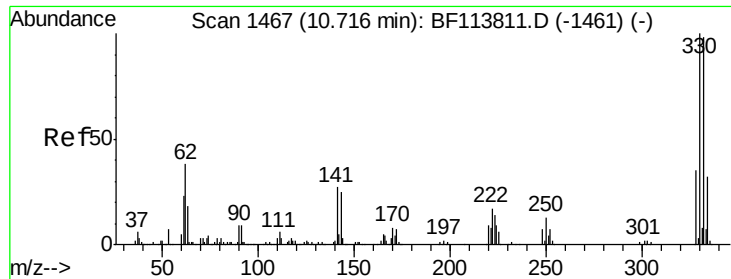
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246810		
162	101.5	81.1	121.7	
160	43.3	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 85.177 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

Instrument :

BNA_F

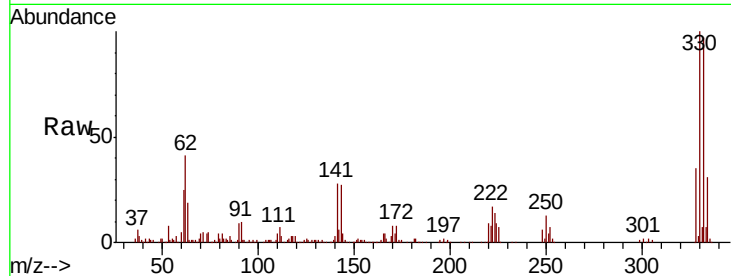
ClientSampleId :

CL-01-041619-A

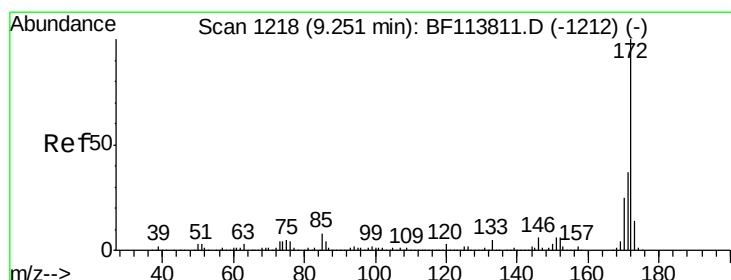
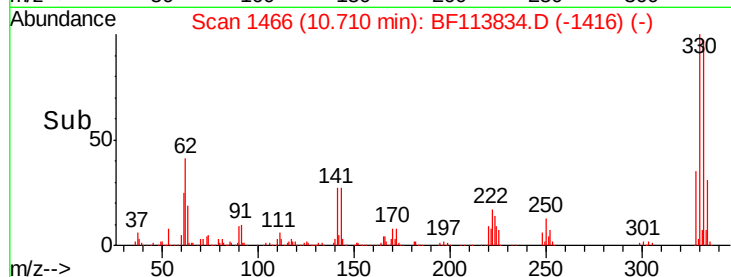
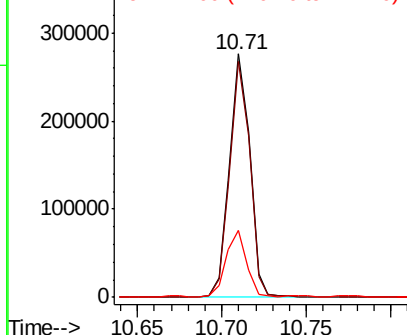
Tot Ion:	330	Resp:	232260
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.5	116.3
141	26.9	22.2	33.2

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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



#45

2-Fluorobiphenyl

Concen: 59.026 ng

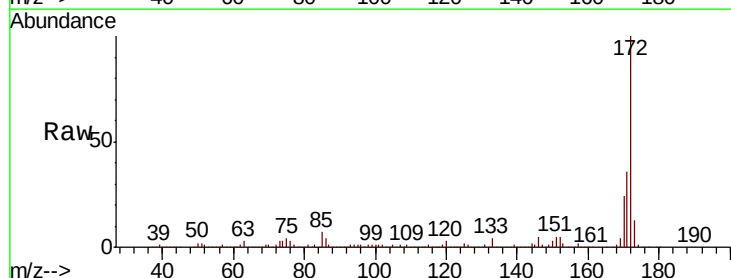
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

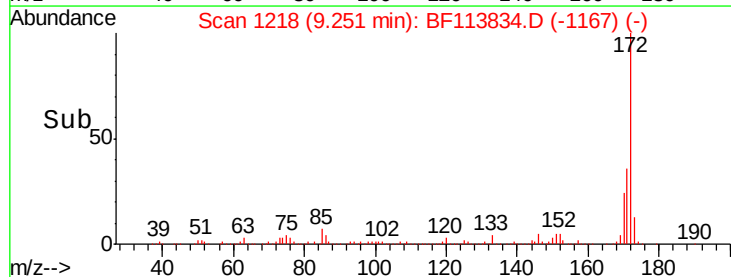
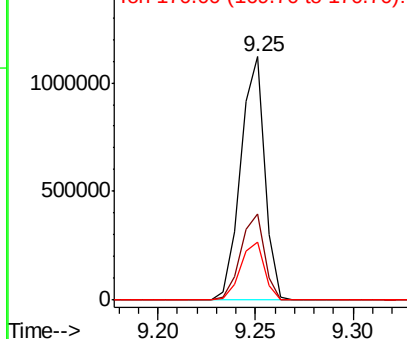
Lab File: BF113834.D

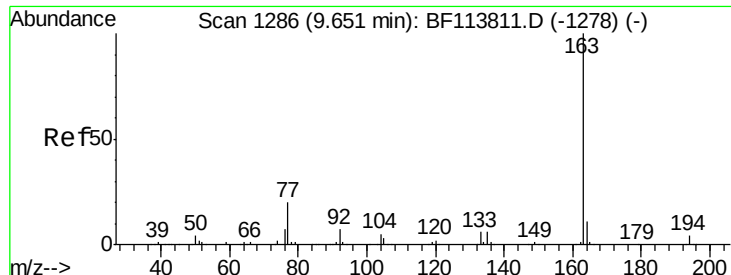
Acq: 18 Apr 2019 23:25

Tgt Ion:	172	Resp:	955265
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.4	44.0
170	23.8	19.9	29.9



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





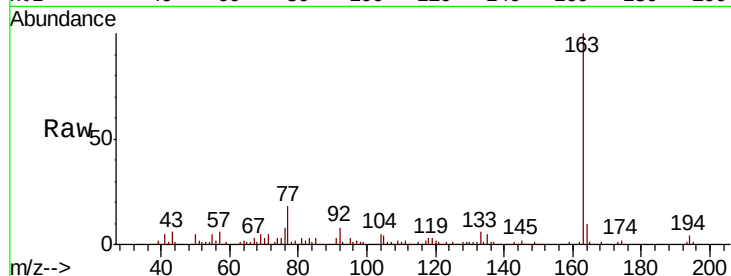
#50
Dimethylphthalate
Concen: 6.594 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

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

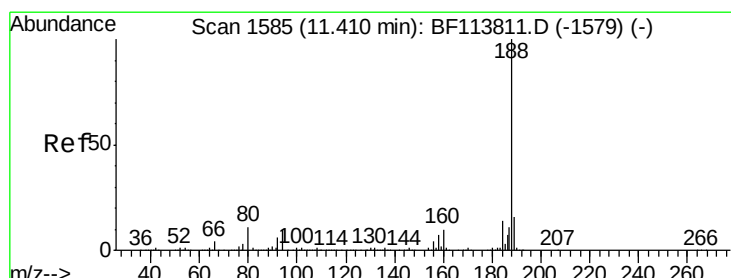
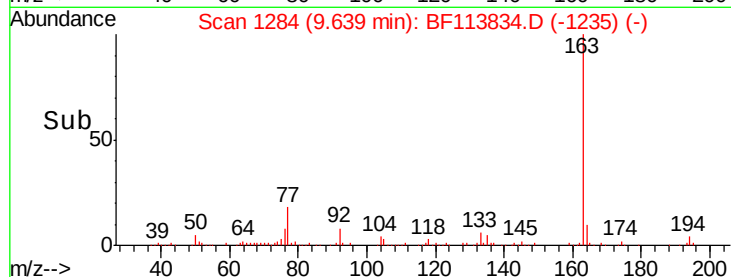
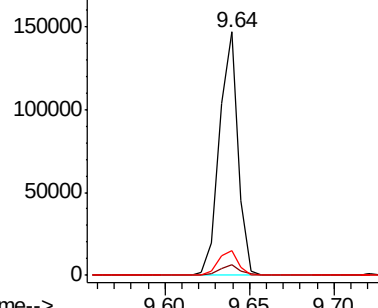
Tot Ion	Ratio	Resp	Lower	Upper
163	100	113898		
194	4.3	3.4	5.2	
164	9.9	8.5	12.7	

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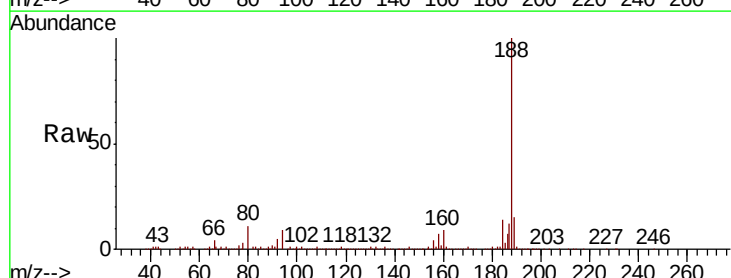


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

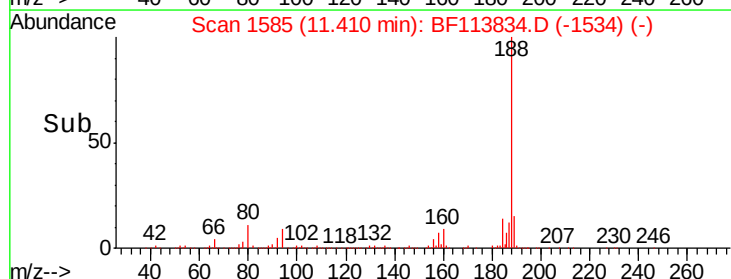
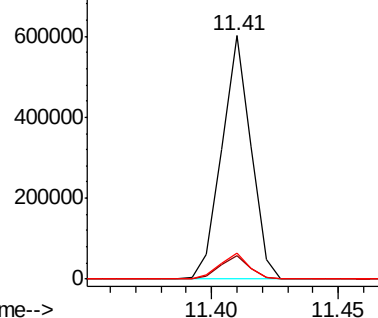


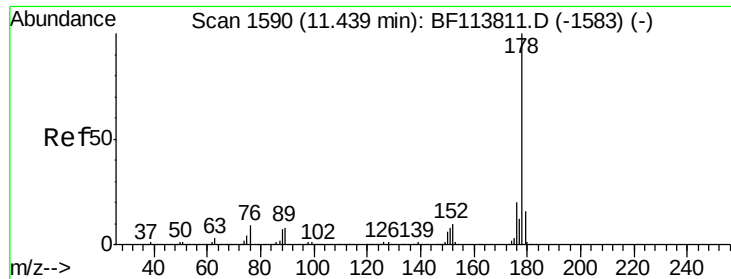
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	482005		
94	9.4	8.2	12.4	
80	10.6	9.0	13.6	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





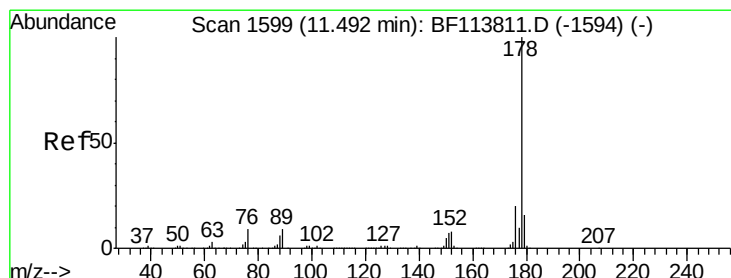
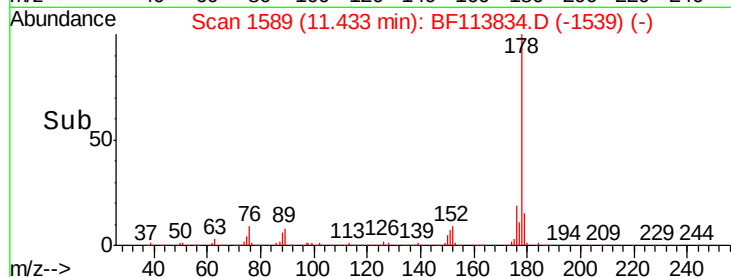
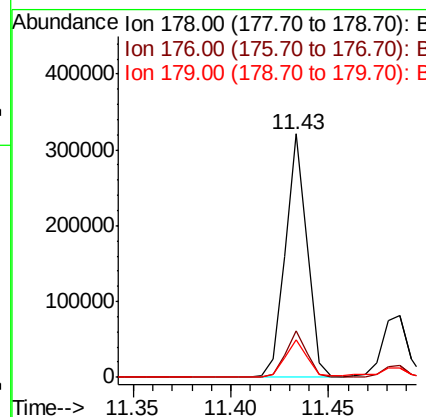
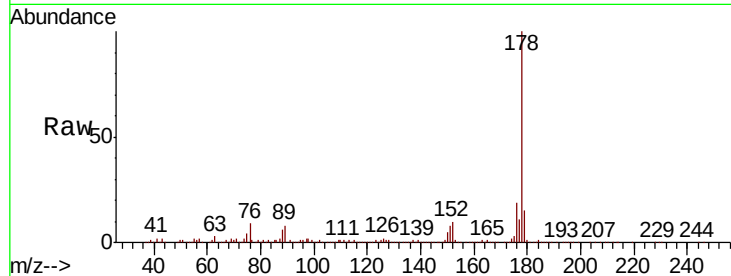
#71
Phenanthrene
Concen: 10.059 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.4	12.8	19.2

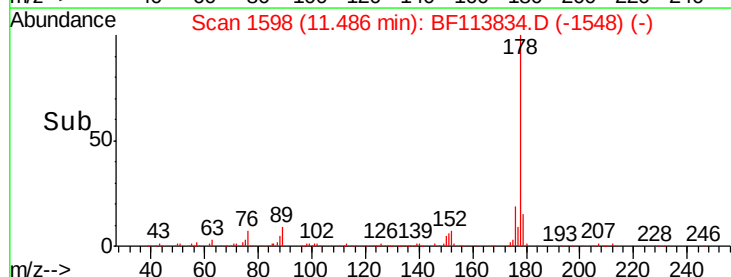
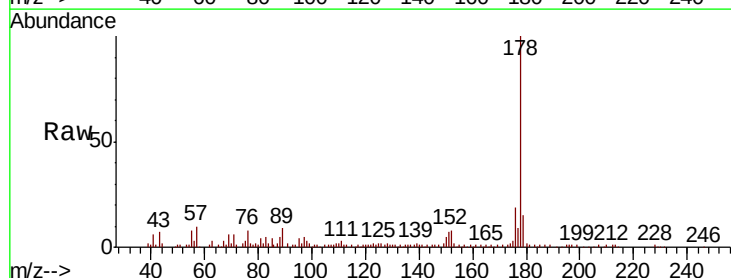
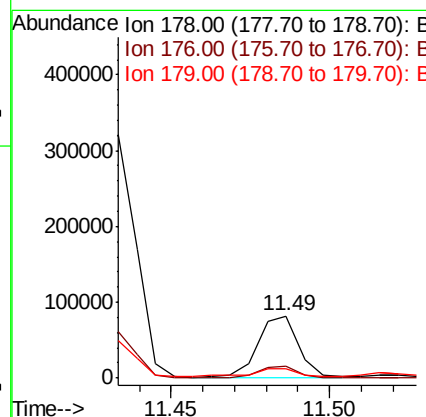
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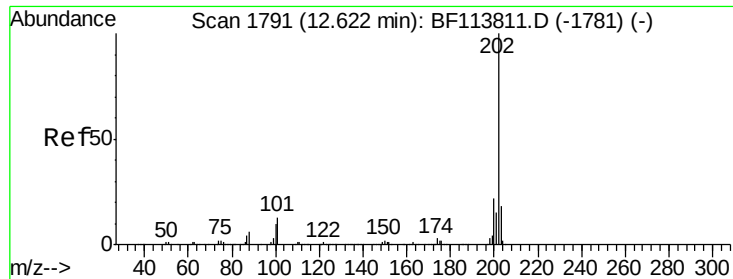
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#72
Anthracene
Concen: 2.894 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.3	13.0	19.4





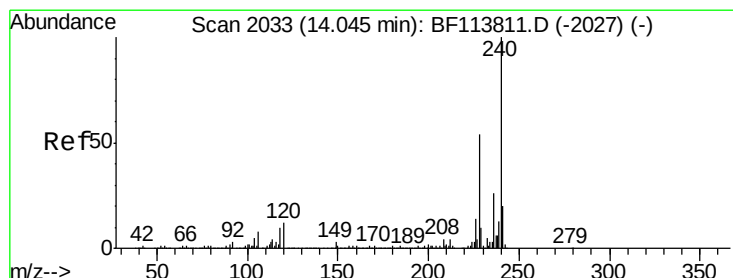
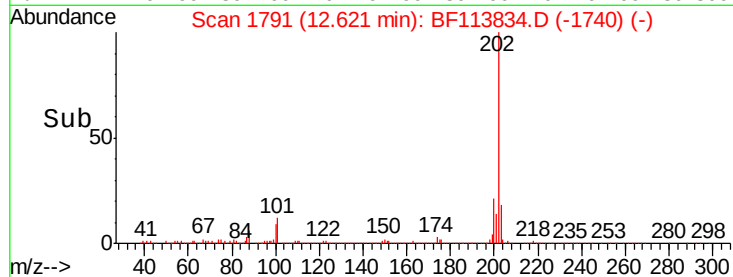
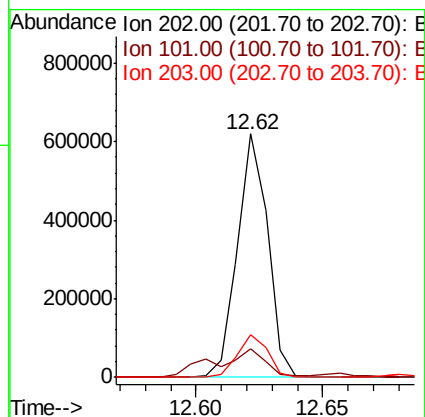
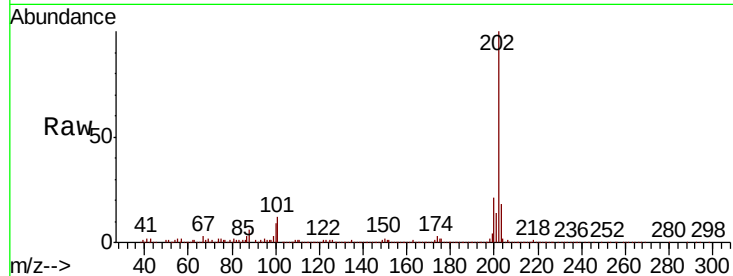
#75
 Fluoranthene
 Concen: 19.662 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	511557		
101	11.9	0.0	32.9	
203	17.7	0.0	38.2	

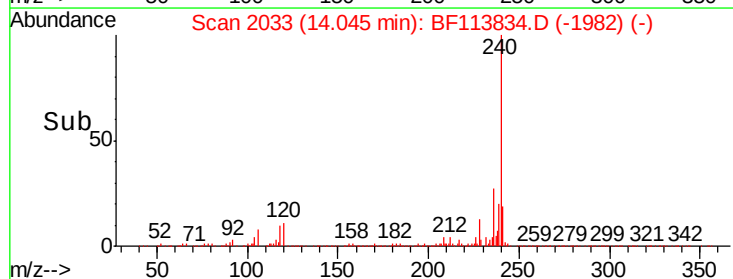
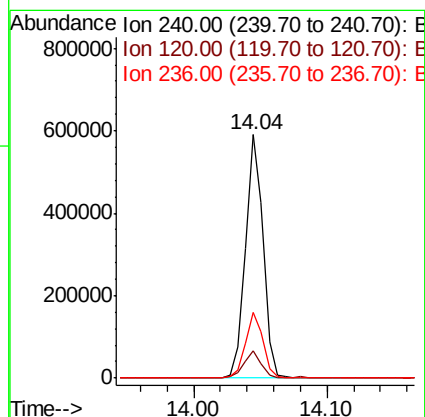
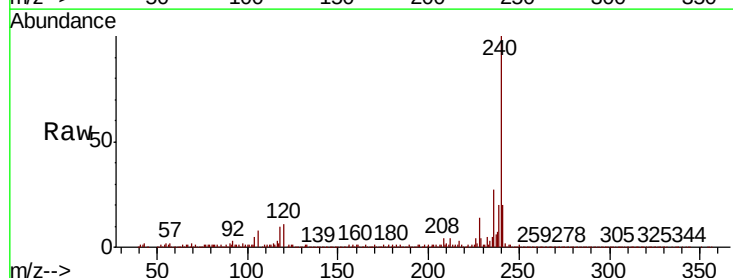
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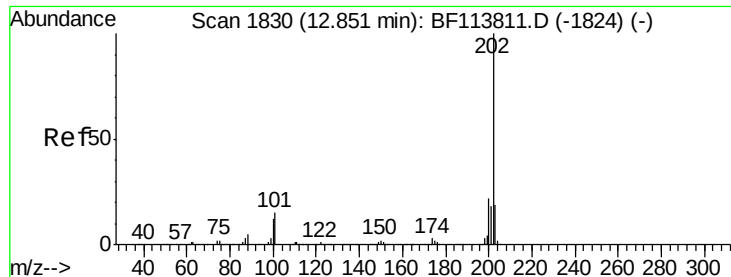
Sohil
 4/23/2019 8:16:50 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF113834.D
 Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	533214		
120	11.0	9.3	13.9	
236	27.2	21.2	31.8	





#78

Pvrene

Concen: 12.675 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

Instrument :

BNA_F

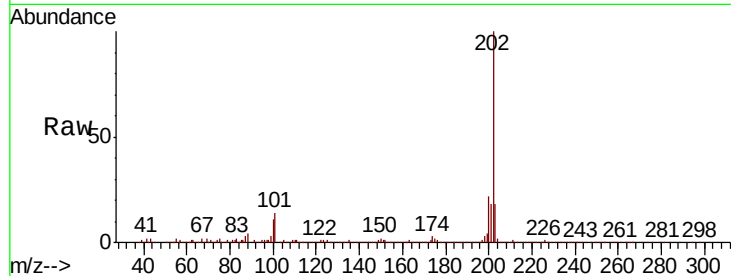
ClientSampleId :

CL-01-041619-A

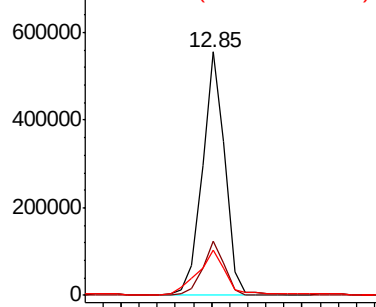
Tot Ion:	202	Resp:	476307
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	18.3	15.0	22.6

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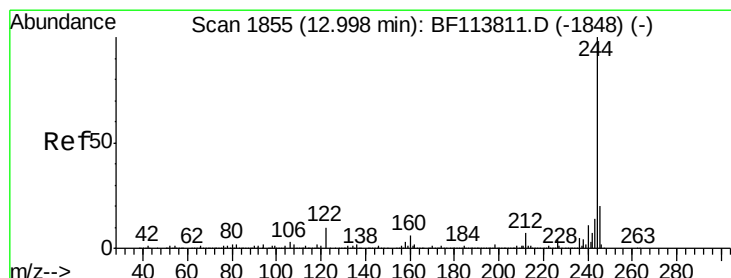
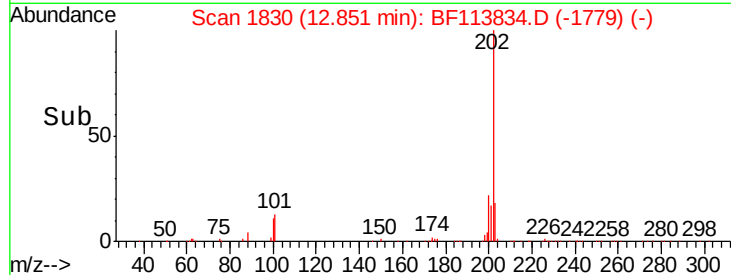
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 48.385 ng

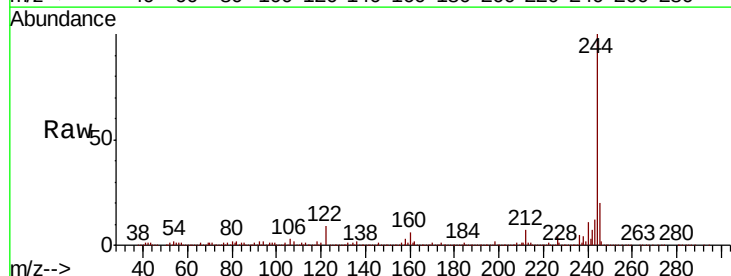
RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

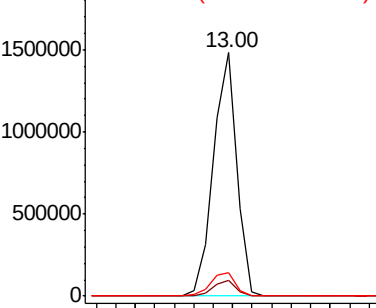
Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

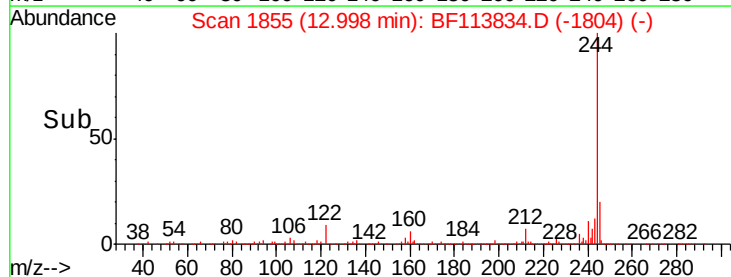
Tgt Ion:	244	Resp:	1230343
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.2
122	9.4	7.6	11.4

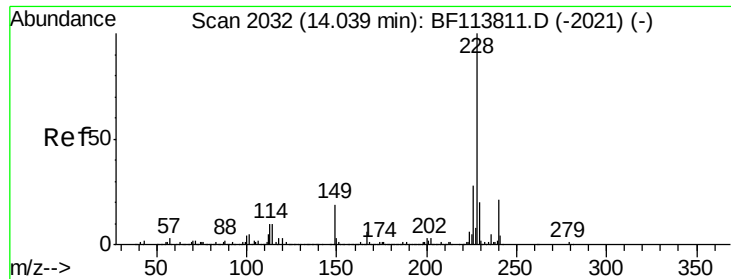


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





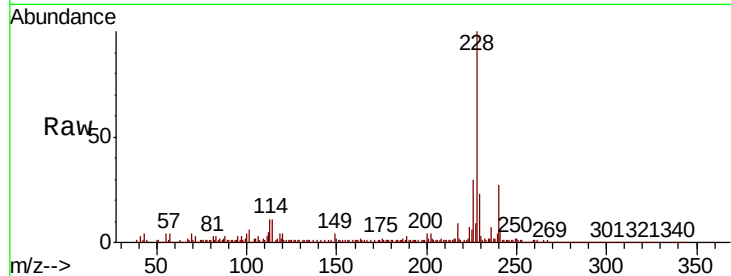
#81
Benzo(a)anthracene
Concen: 9.135 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

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

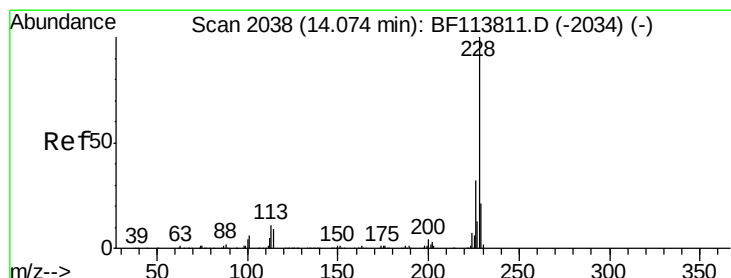
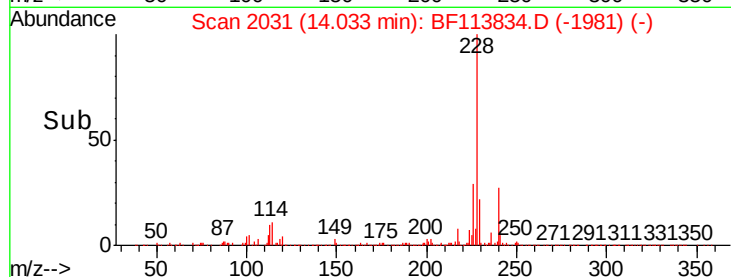
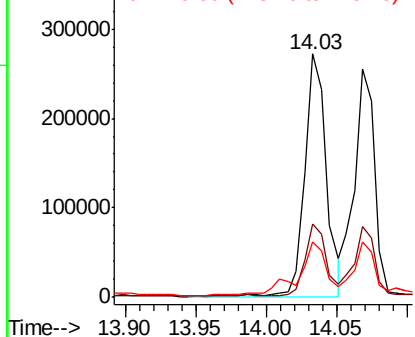
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.2	33.2
229	22.5	16.0	24.0

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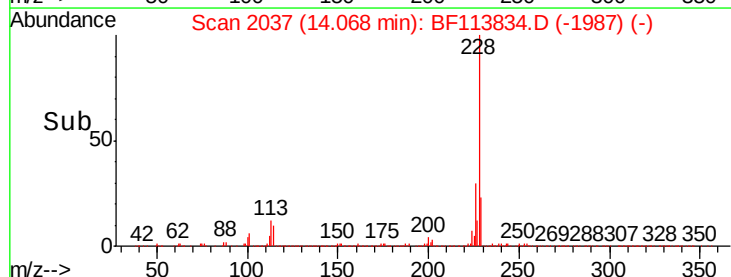
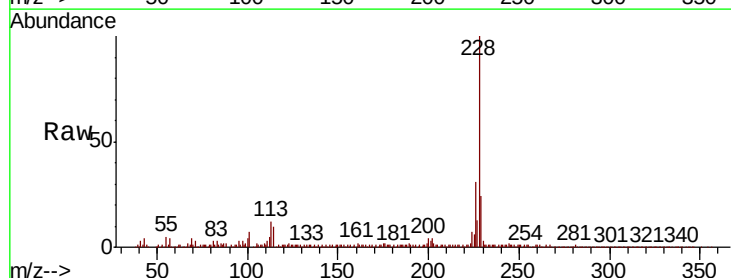
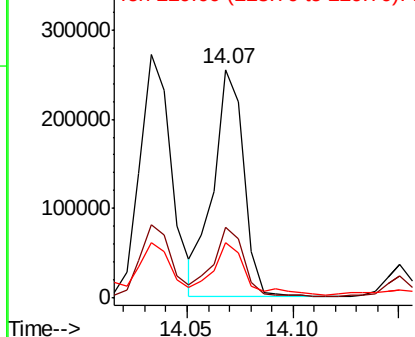
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

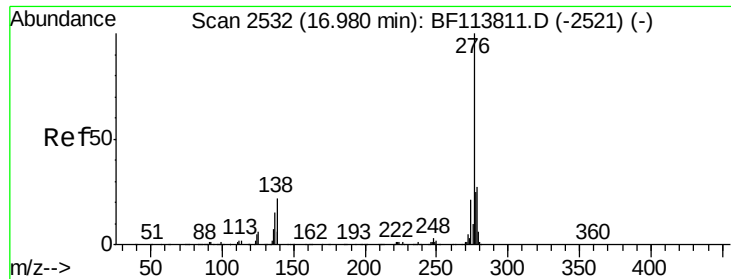


#83
Chrysene
Concen: 8.228 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	24.1	16.7	25.1

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





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.840 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113834.D

Acq: 18 Apr 2019 23:25

Instrument :

BNA_F

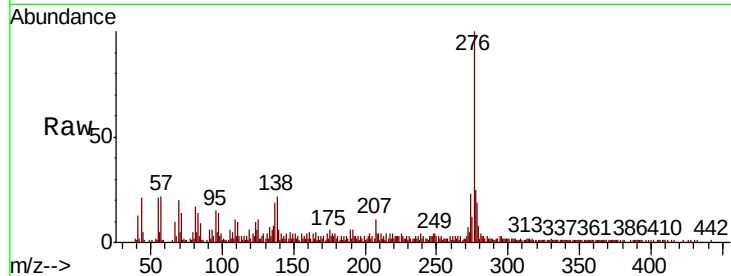
ClientSampleId :

CL-01-041619-A

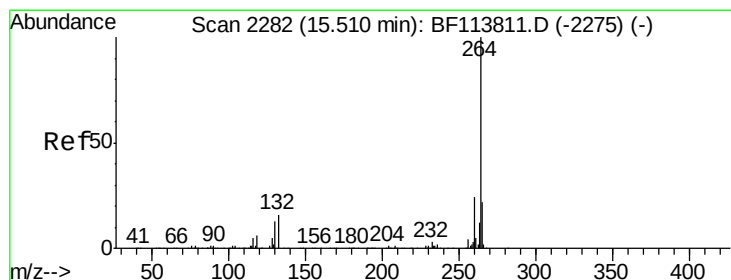
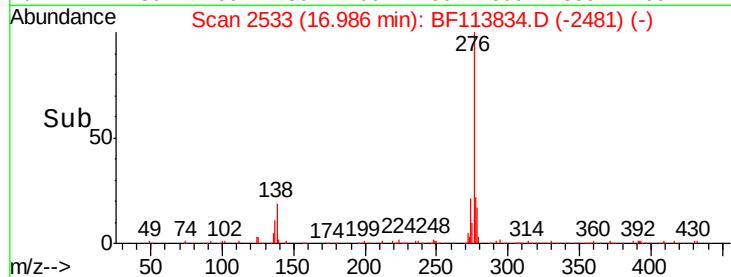
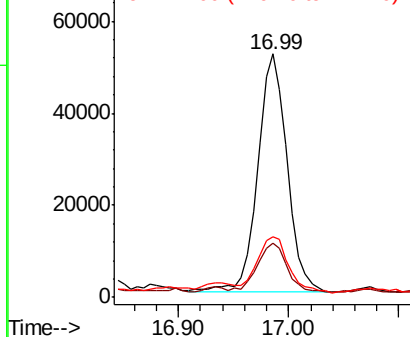
Tot Ion:	276	Resp:	96995
Ion Ratio	Lower	Upper	
276	100		
138	20.8	19.6	29.4
277	25.1	20.2	30.4

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



#87

Perylene-d12

Concen: 20.000 ng

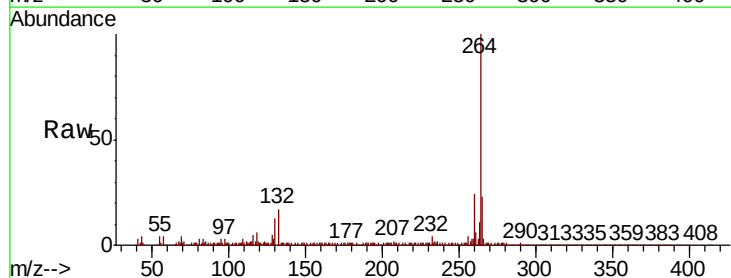
RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

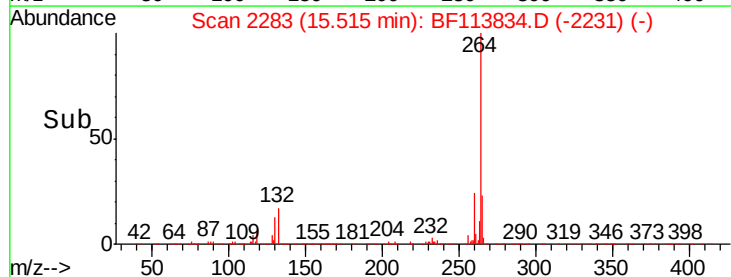
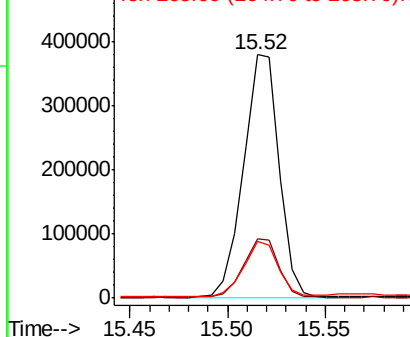
Lab File: BF113834.D

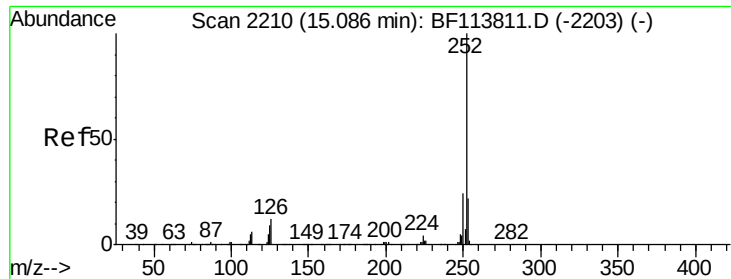
Acq: 18 Apr 2019 23:25

Tgt Ion:	264	Resp:	478093
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.9	28.3
265	23.5	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





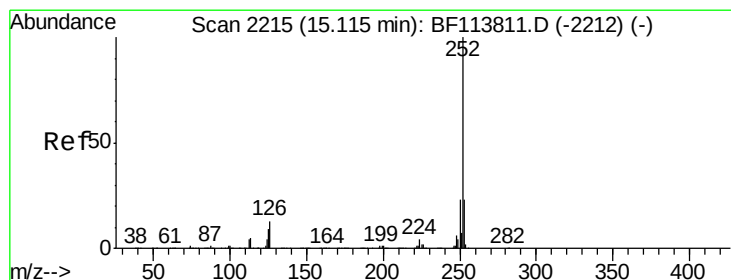
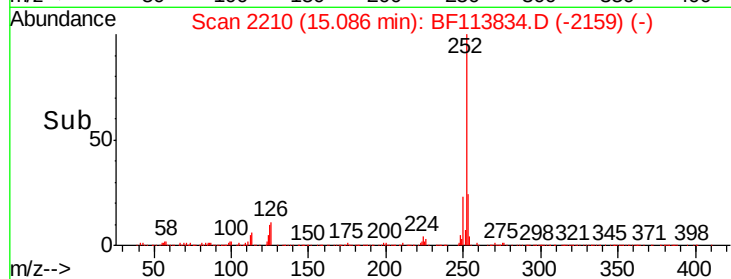
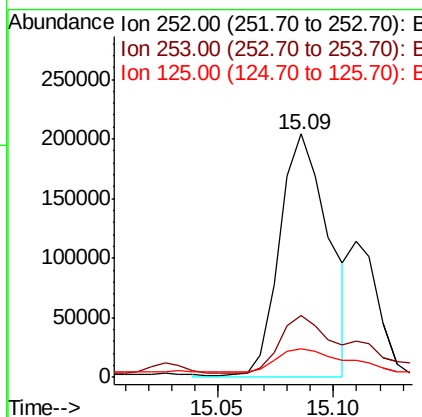
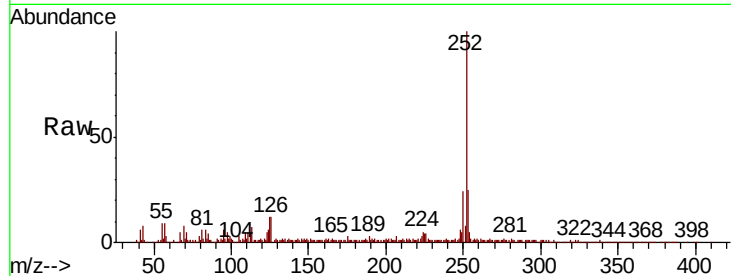
#88
Benzo(b)fluoranthene
Concen: 10.200 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	12.0	7.0	10.6#

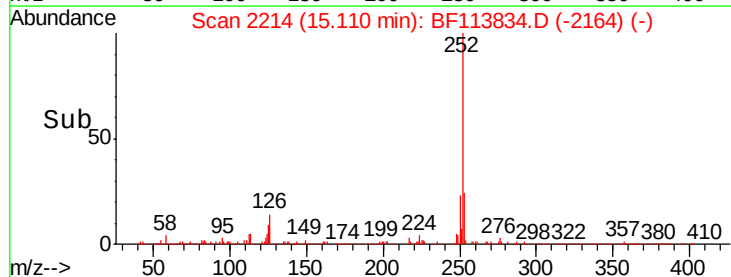
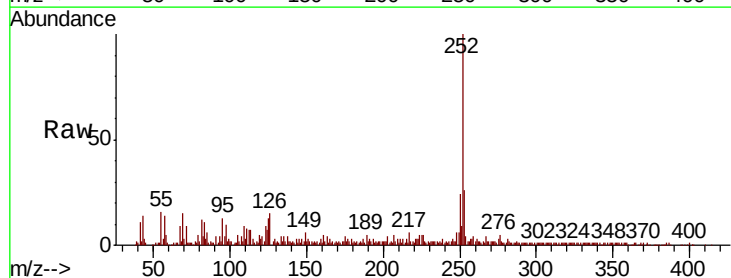
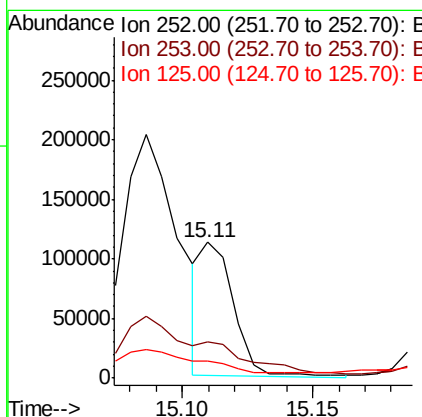
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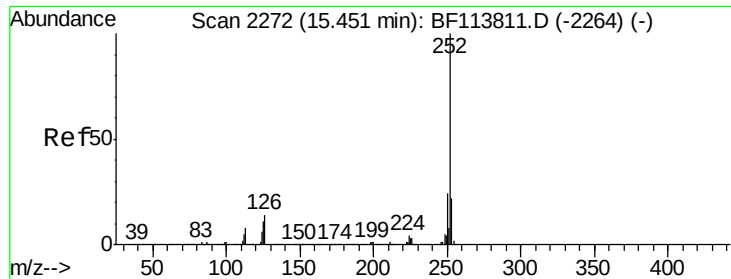
Sohil
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#89
Benzo(k)fluoranthene
Concen: 3.614 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	12.9	7.4	11.2#





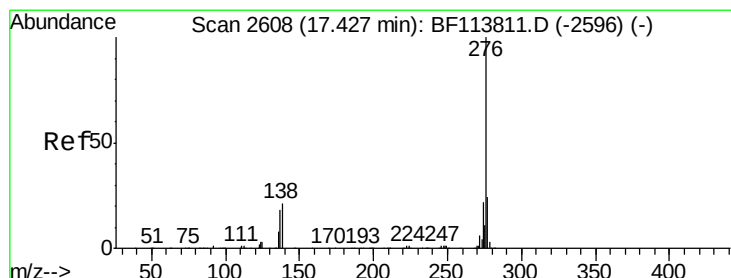
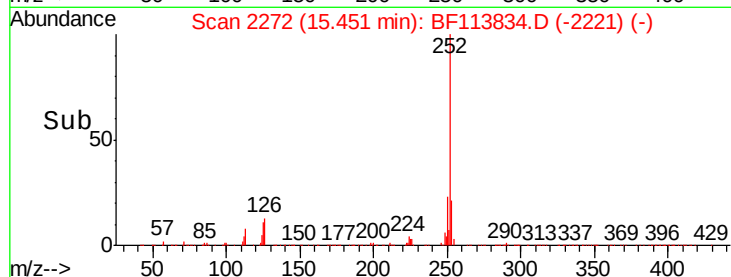
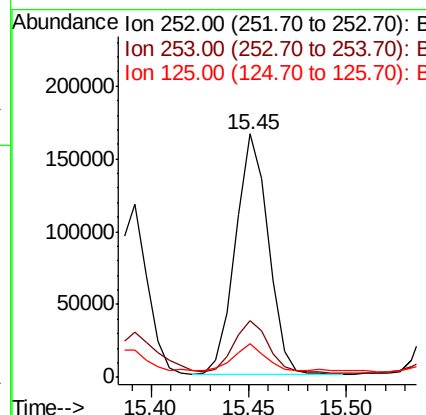
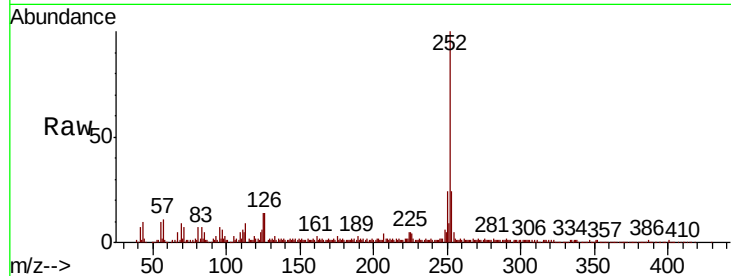
#90
Benzo(a)pyrene
Concen: 7.363 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.7	8.5	12.7

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#92
Benzo(g,h,i)perylene
Concen: 3.714 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF113834.D
Acq: 18 Apr 2019 23:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.4
138	23.4	16.6	25.0

