

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113859.D
 Acq On : 19 Apr 2019 15:37
 Operator : JU/SJ
 Sample : K2201-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-D

Manual Integrations
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 4/22/2019 7:26:41 PM

Quant Time: Apr 22 03:08:26 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	179967	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	625428	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	266462	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	494643	20.00	ng	0.02
76) Chrysene-d12	14.52	240	507716m	20.00	ng	0.48
87) Perylene-d12	16.44	264	426791m	20.00	ng	0.94
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	462027	42.69	ng	0.00
7) Phenol-d6	6.52	99	575097	42.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	309615	30.15	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	123689	42.02	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	563920	32.27	ng	0.00
79) Terphenyl-d14	13.19	244	656266	27.10	ng	0.19
Target Compounds						
49) Acenaphthylene	9.80	152	65643	2.543	ng	98
50) Dimethylphthalate	9.65	163	48172	2.583	ng	100
71) Phenanthrene	11.46	178	151093	5.998	ng	97
72) Anthracene	11.51	178	70890	2.792	ng	97
75) Fluoranthene	12.75	202	454000	17.004	ng	98
78) Pyrene	13.01	202	445543m	12.452	ng	
81) Benzo(a)anthracene	14.50	228	302971m	10.208	ng	
83) Chrysene	14.55	228	290785m	9.871	ng	
84) Bis(2-ethylhexyl)phthalate	14.54	149	294497m	18.572	ng	
86) Indeno(1,2,3-cd)pyrene	18.02	276	124871m	5.193	ng	
88) Benzo(b)fluoranthene	15.94	252	321162m	12.071	ng	
89) Benzo(k)fluoranthene	15.97	252	119272m	4.922	ng	
90) Benzo(a)pyrene	16.37	252	216326m	9.195	ng	
92) Benzo(g,h,i)perylene	18.48	276	111962m	5.262	ng	

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

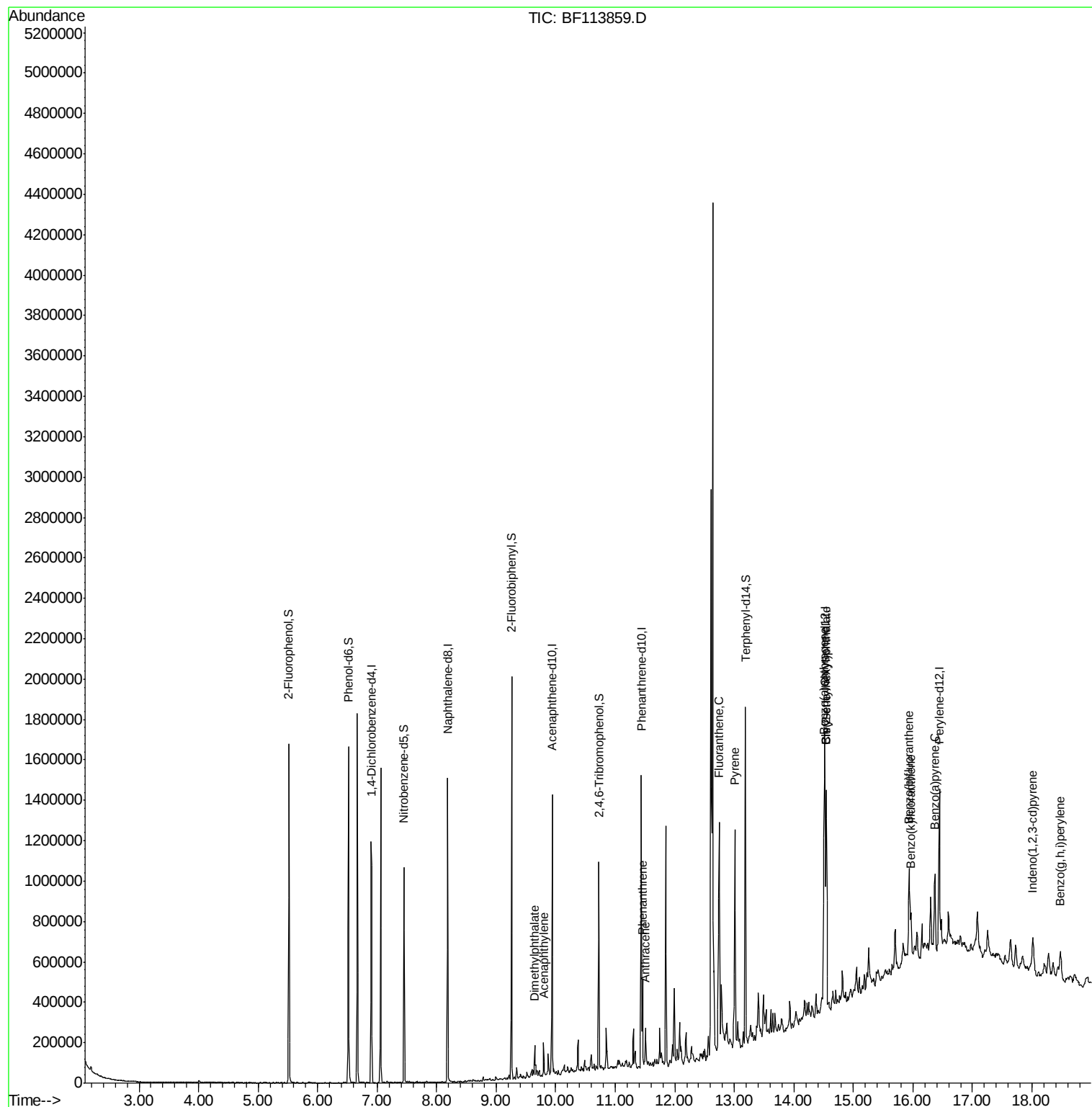
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
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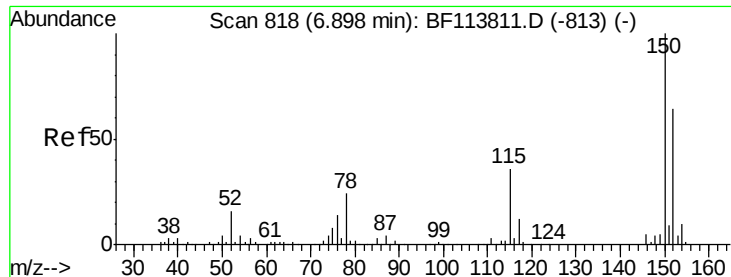
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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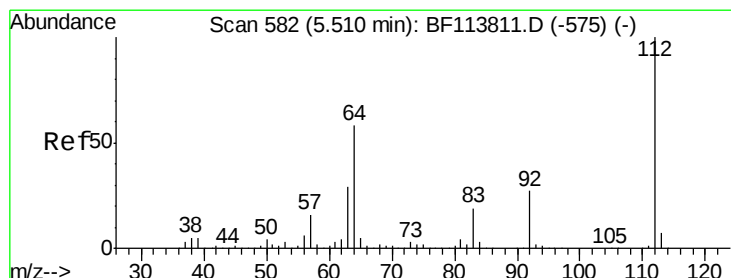
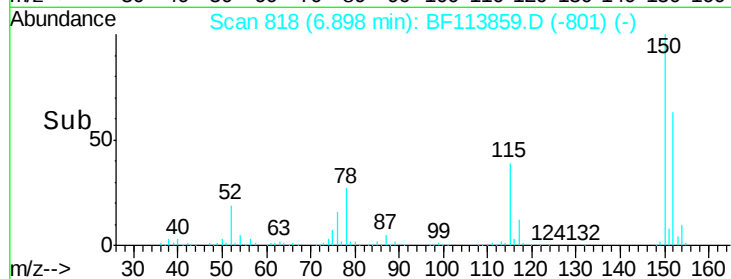
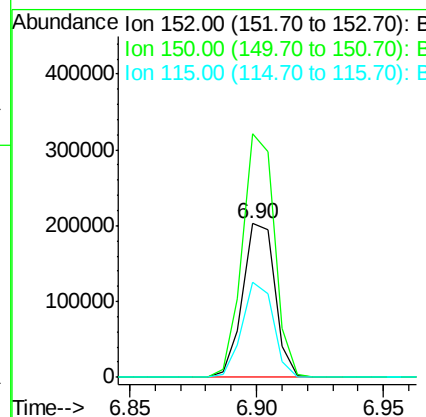
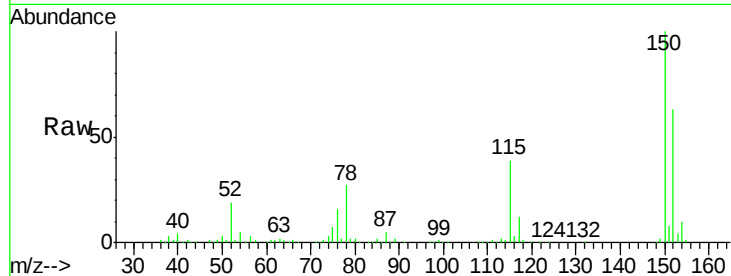
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113859.D
 Acq: 19 Apr 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	179967		
150	158.6	125.9	188.9	
115	62.3	45.9	68.9	

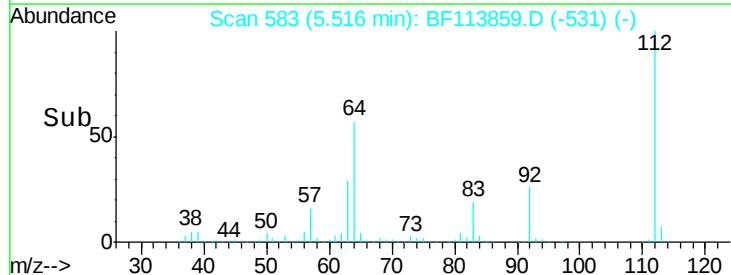
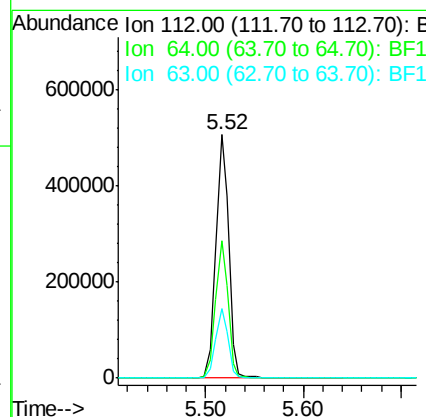
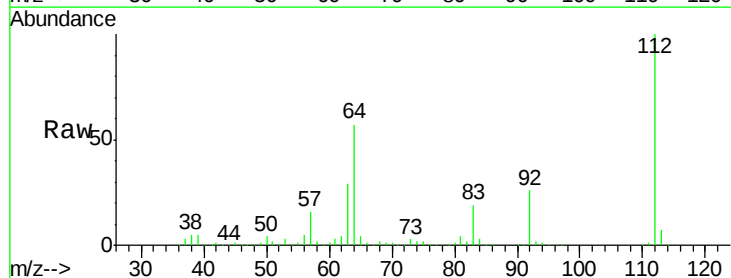
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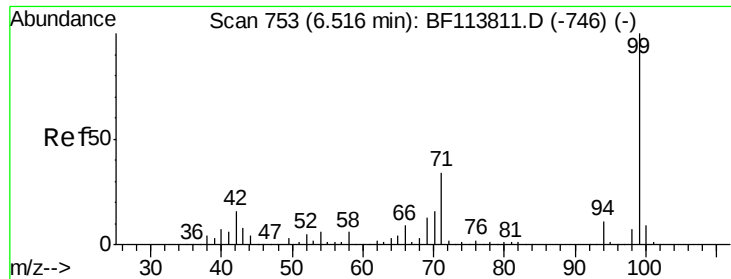
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#5
 2-Fluorophenol
 Concen: 42.688 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113859.D
 Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	462027		
64	56.6	46.6	69.8	
63	28.8	23.1	34.7	





#7

Phenol-d6

Concen: 42.608 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

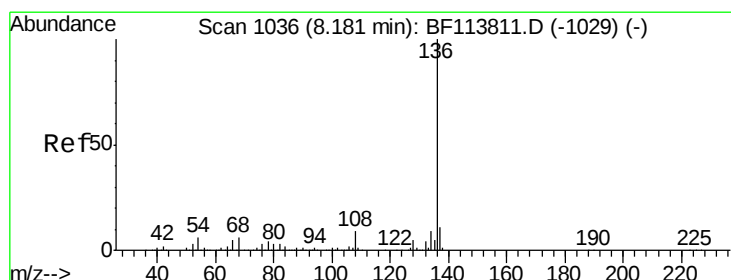
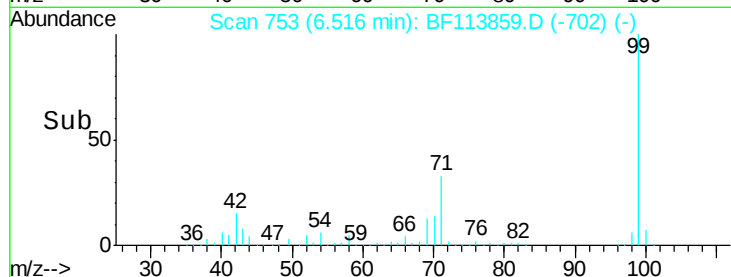
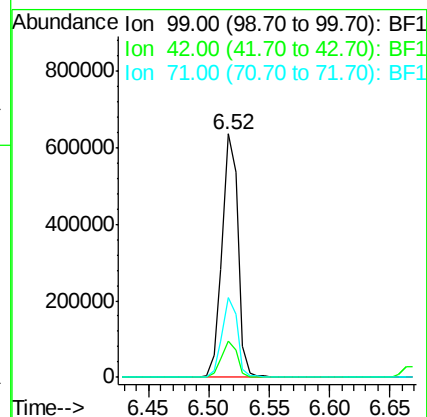
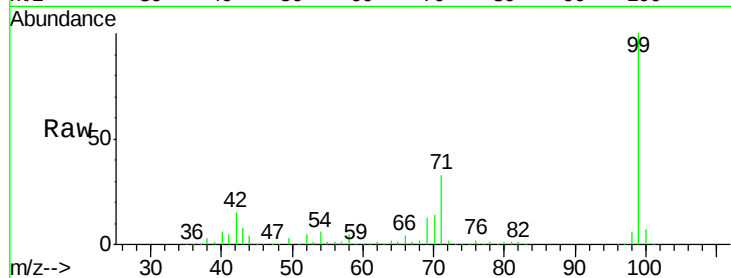
ClientSampleId :

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Tgt Ion:	99	Resp:	575097
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	32.9	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

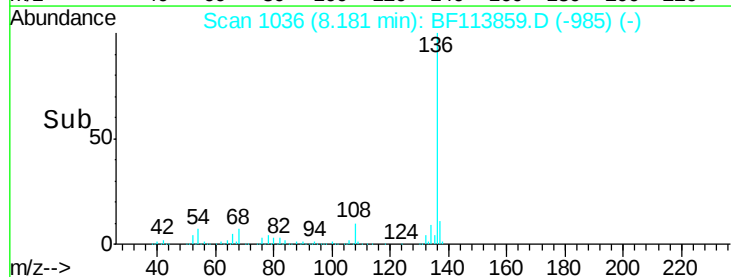
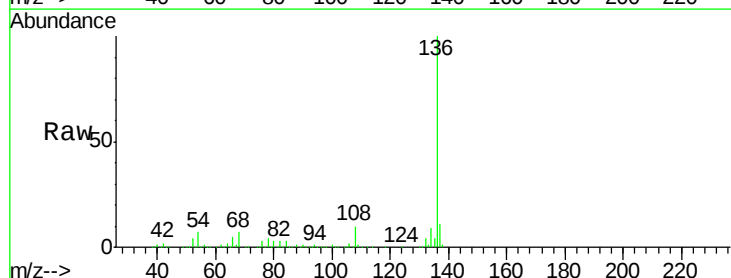
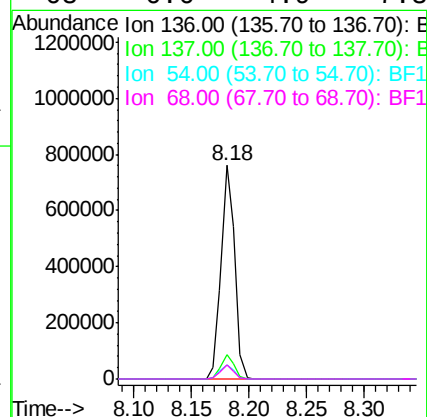
RT: 8.18 min Scan# 1036

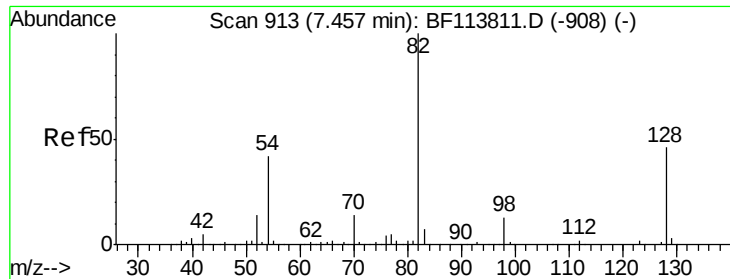
Delta R.T. 0.00 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	136	Resp:	625428
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.0	7.6
68	6.6	4.9	7.3





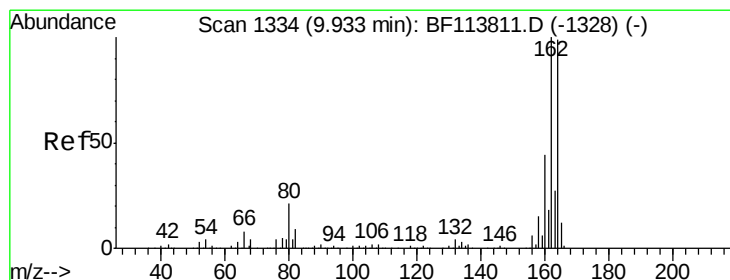
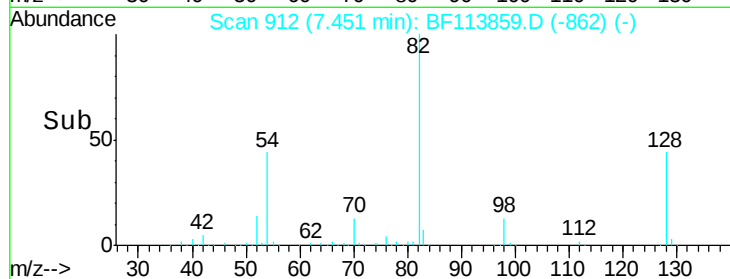
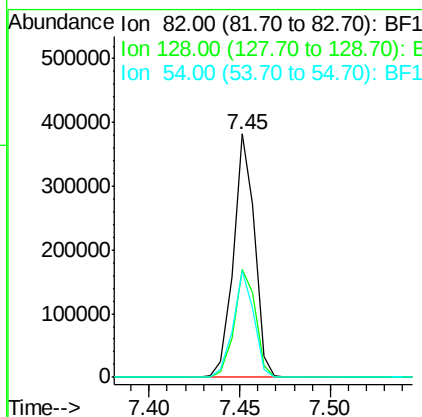
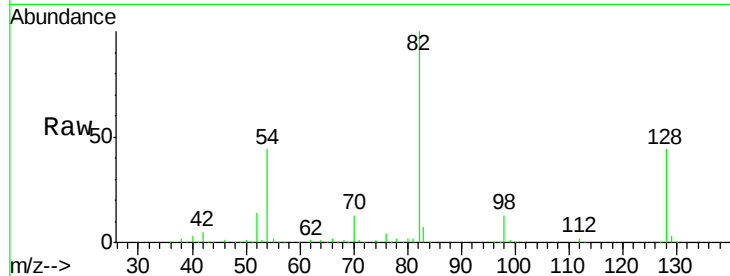
#23
Nitrobenzene-d5
Concen: 30.146 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	309615		
128	44.5	36.8	55.2	
54	43.7	33.8	50.6	

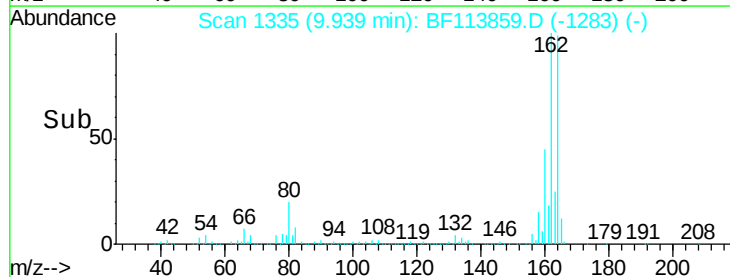
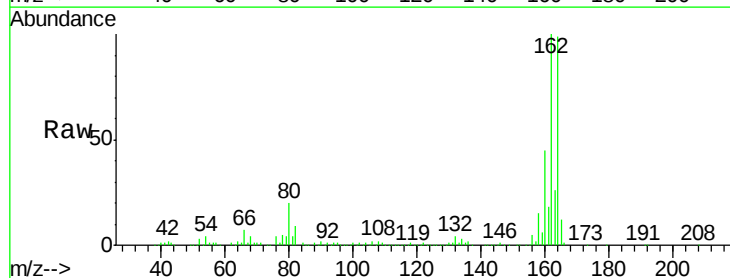
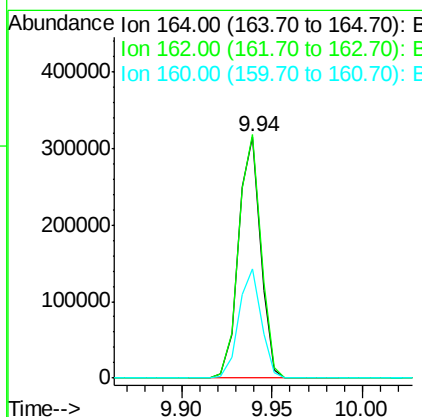
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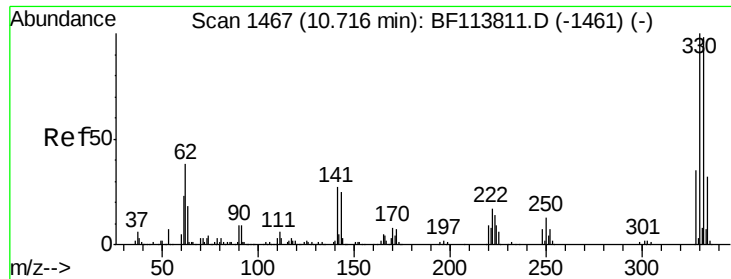
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	266462		
162	100.8	81.1	121.7	
160	45.0	35.8	53.6	





#42

2,4,6-Tribromophenol

Concen: 42.015 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

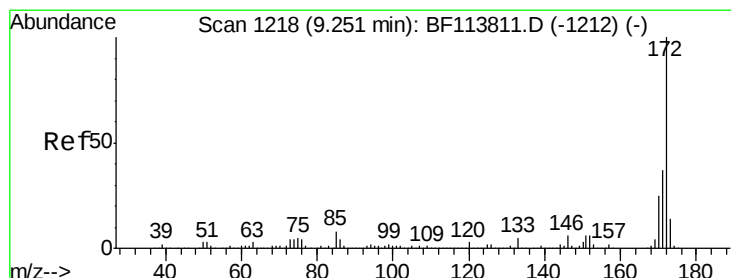
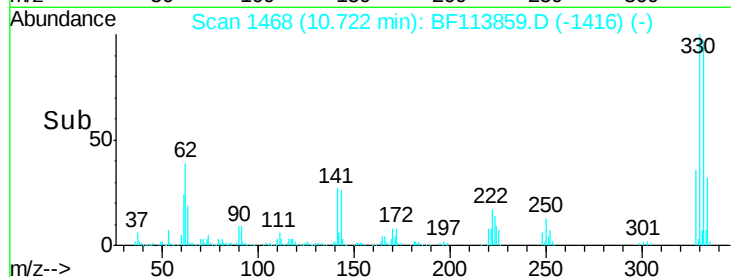
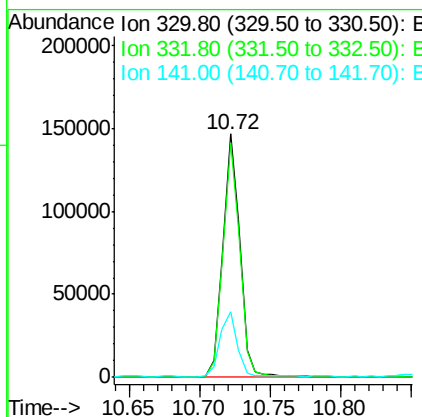
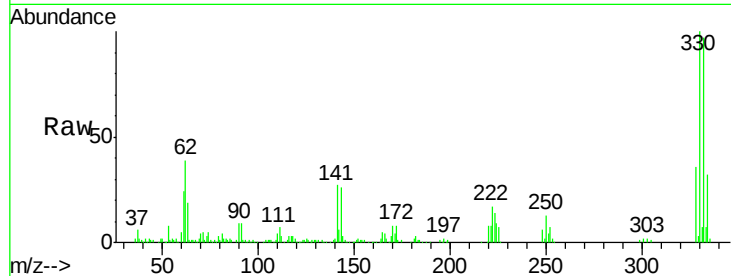
ClientSampleId :

PL-01-041819-D

Tgt Ion:	330	Resp:	123689
Ion Ratio		Lower	Upper
330	100		
332	96.4	77.5	116.3
141	26.9	22.2	33.2

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#45

2-Fluorobiphenyl

Concen: 32.275 ng

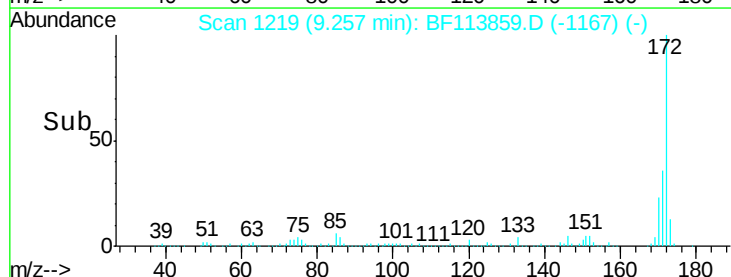
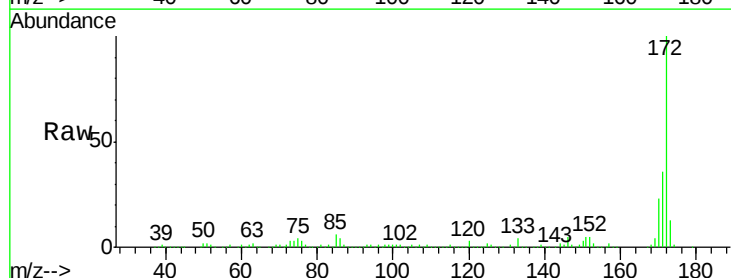
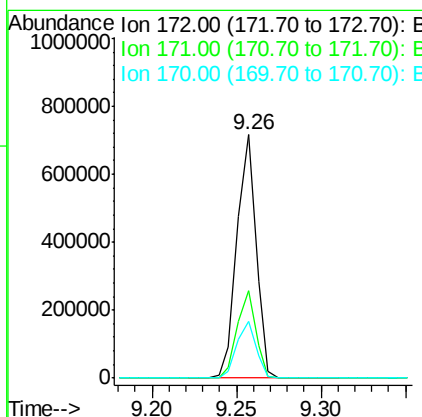
RT: 9.26 min Scan# 1219

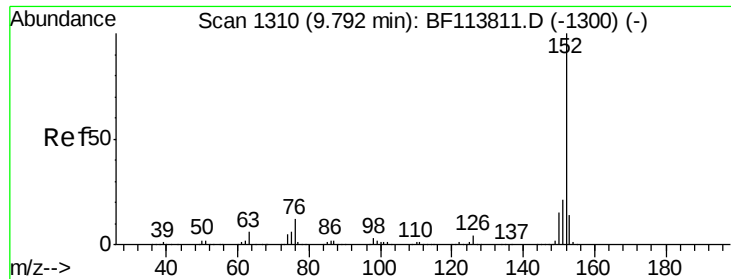
Delta R.T. 0.01 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	172	Resp:	563920
Ion Ratio		Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.4	19.9	29.9





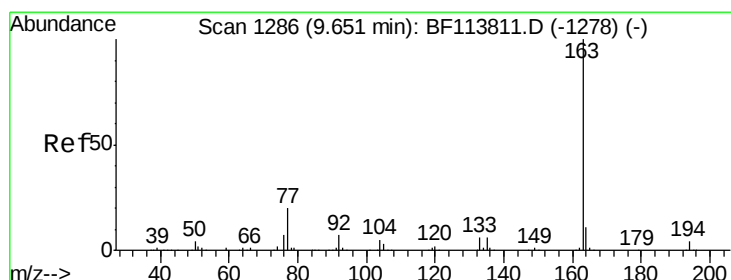
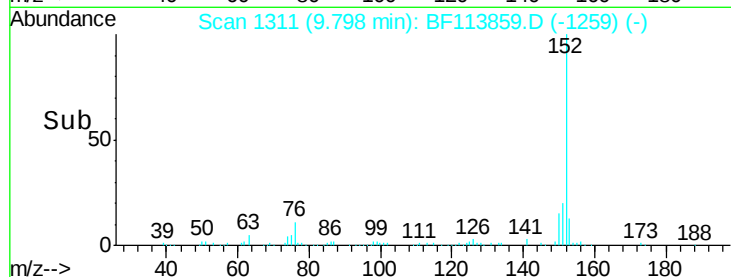
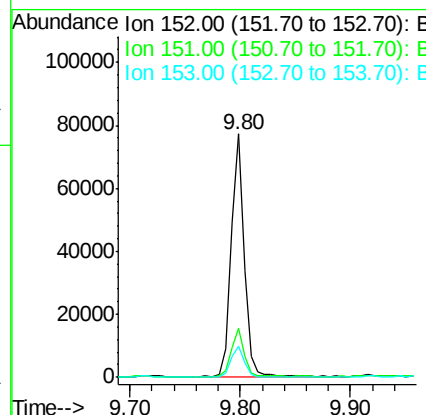
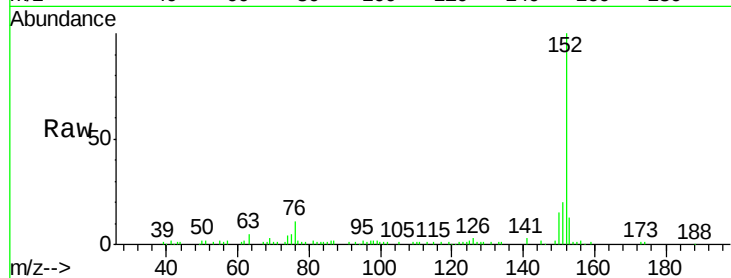
#49
Acenaphthylene
Concen: 2.543 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	65643		
151	20.4		17.0	25.4
153	12.8		11.0	16.6

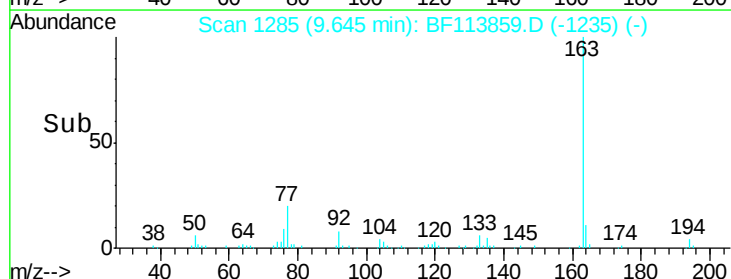
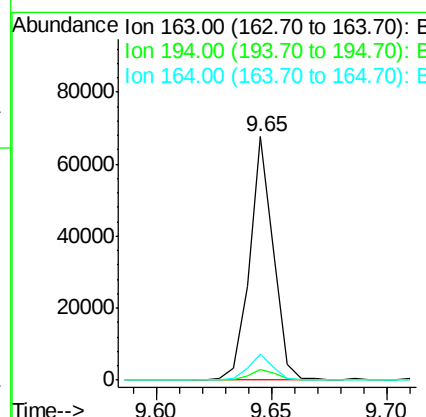
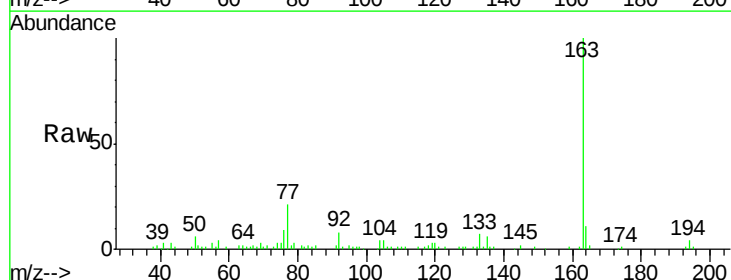
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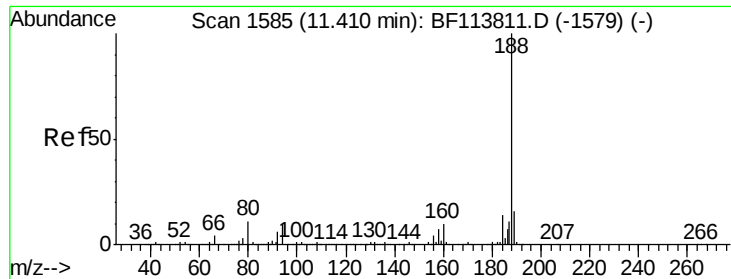
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#50
Dimethylphthalate
Concen: 2.583 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48172		
194	4.3		3.4	5.2
164	10.7		8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

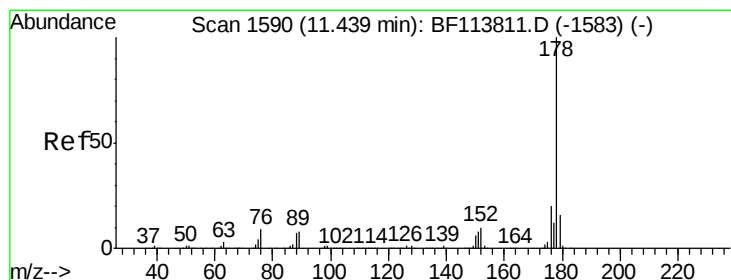
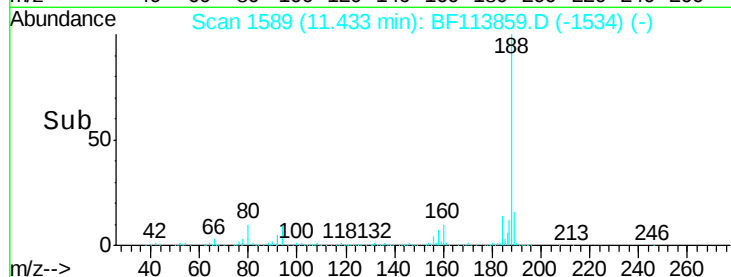
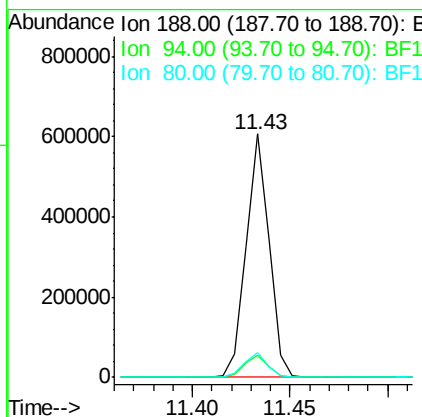
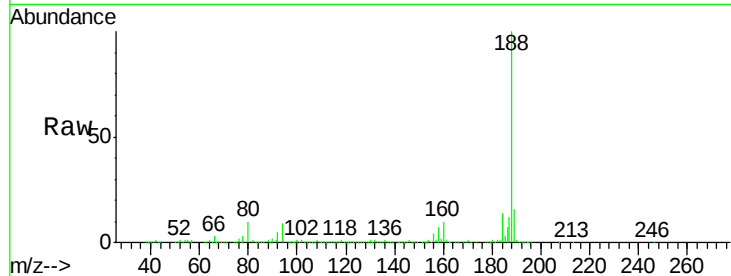
ClientSampleId :

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Tgt Ion:	188	Resp:	494643
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.2	12.4
80	10.4	9.0	13.6

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#71

Phenanthrene

Concen: 5.998 ng

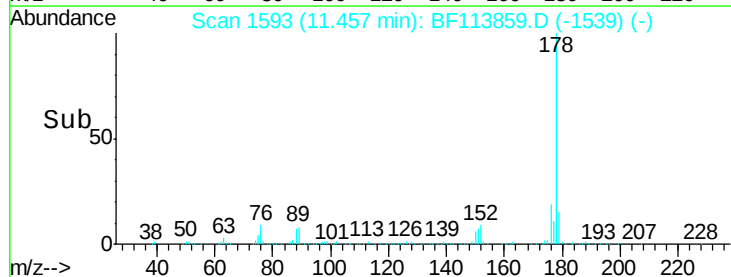
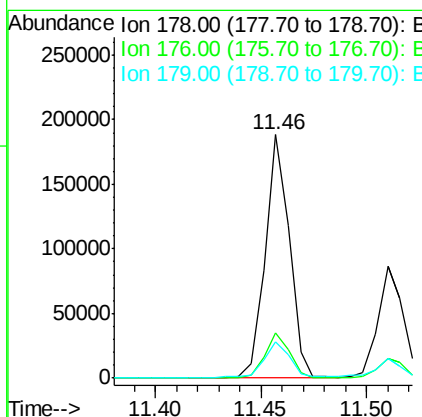
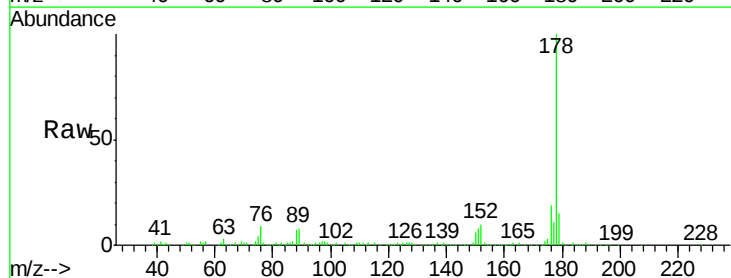
RT: 11.46 min Scan# 1593

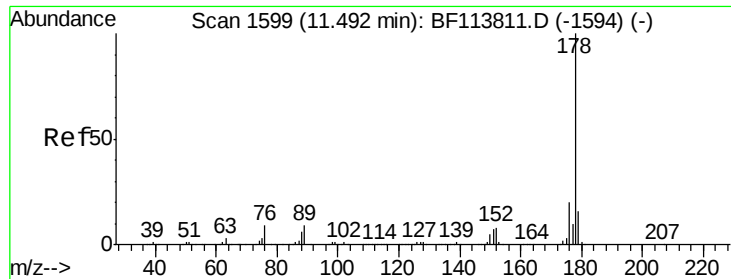
Delta R.T. 0.02 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	178	Resp:	151093
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.1	24.1
179	15.1	12.8	19.2





#72

Anthracene

Concen: 2.792 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

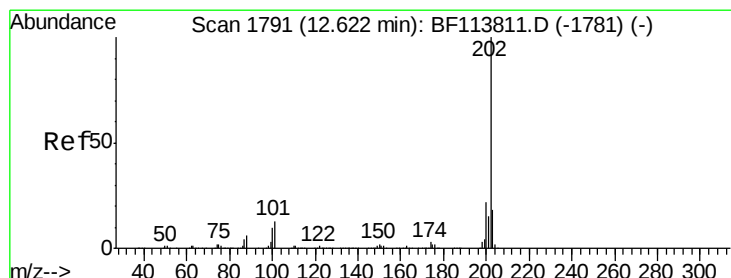
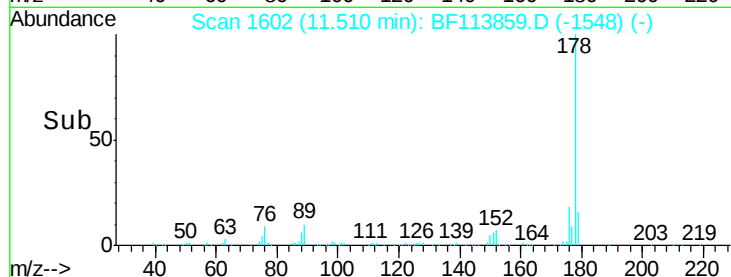
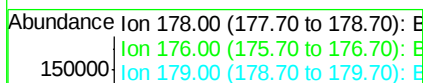
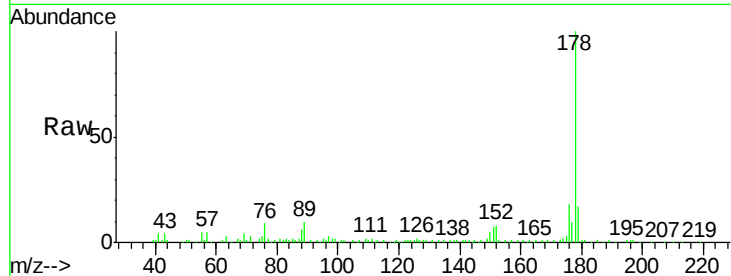
ClientSampleId :

PL-01-041819-D

Tgt Ion:	178	Resp:	70890
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.7	23.5
179	17.1	13.0	19.4

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#75

Fluoranthene

Concen: 17.004 ng

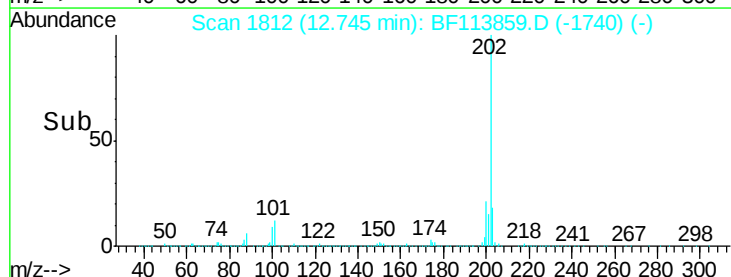
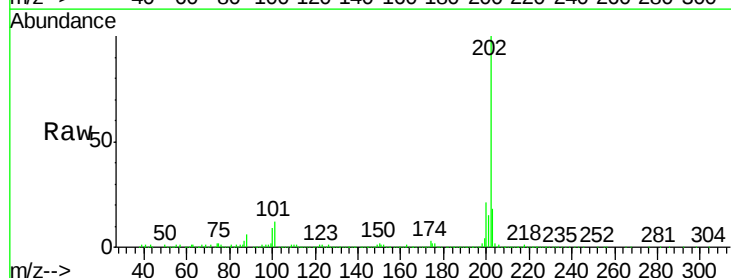
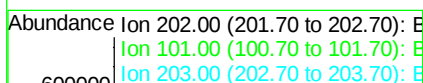
RT: 12.75 min Scan# 1812

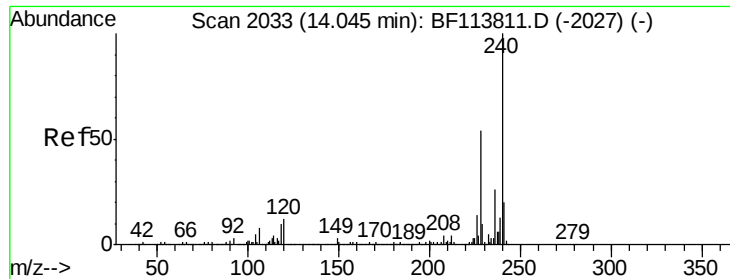
Delta R.T. 0.12 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	202	Resp:	454000
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.9
203	18.1	0.0	38.2





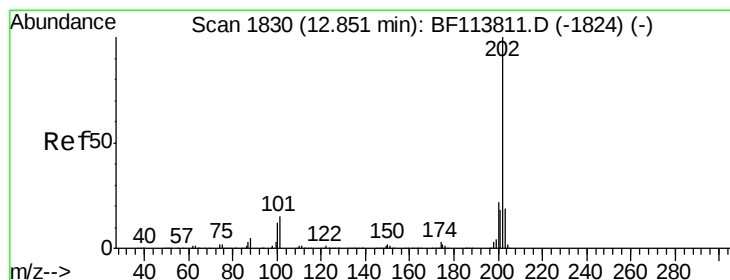
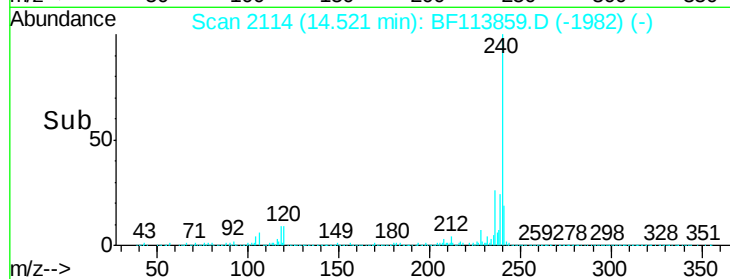
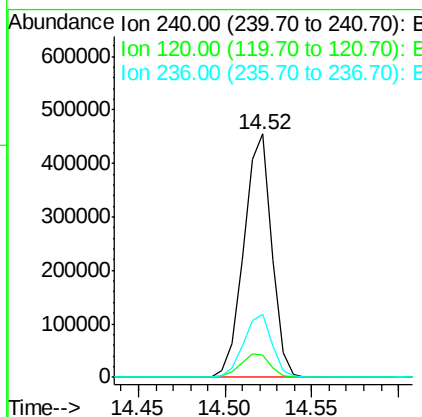
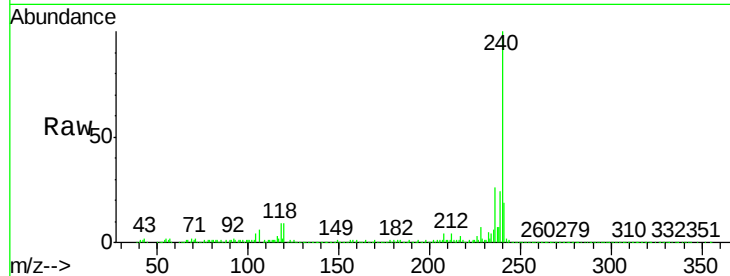
#76
Chrysene-d12
Concen: 20.000 ng m
RT: 14.52 min Scan# 2114
Delta R.T. 0.48 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	507716		
120	9.2	9.3	13.9#	
236	26.2	21.2	31.8	

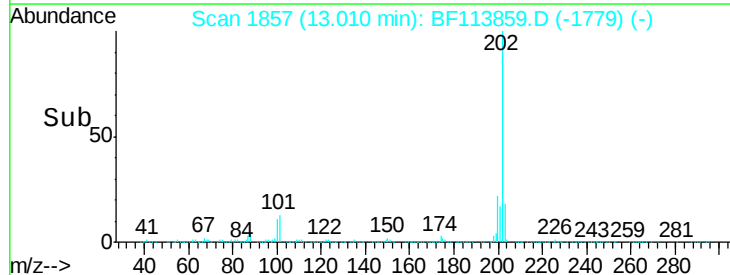
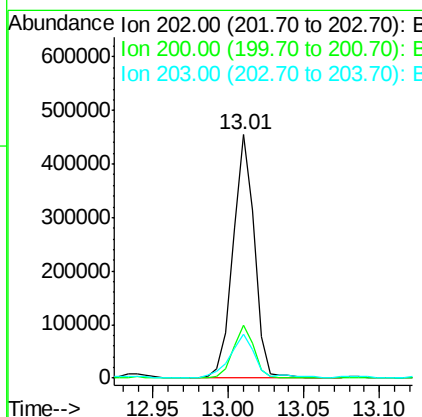
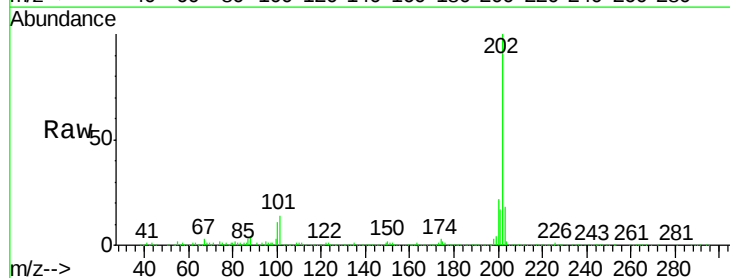
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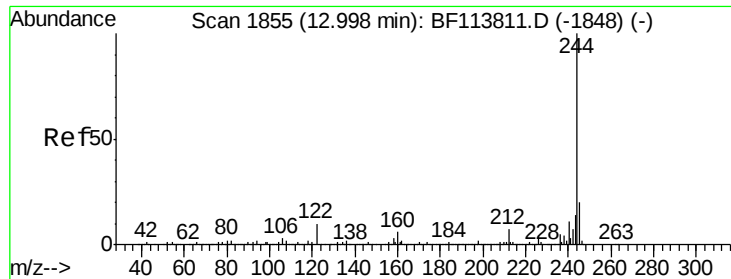
Sohil
4/22/2019 7:26:41 PM



#78
Pyrene
Concen: 12.452 ng m
RT: 13.01 min Scan# 1857
Delta R.T. 0.16 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	445543		
200	21.6	17.7	26.5	
203	18.1	15.0	22.6	





#79

Terphenyl-d14

Concen: 27.105 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.19 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

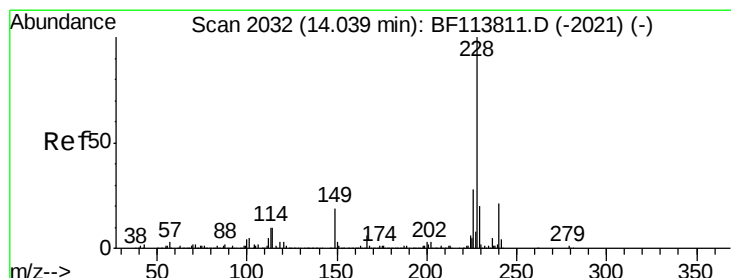
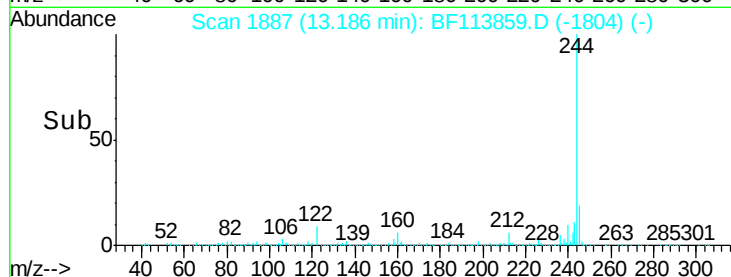
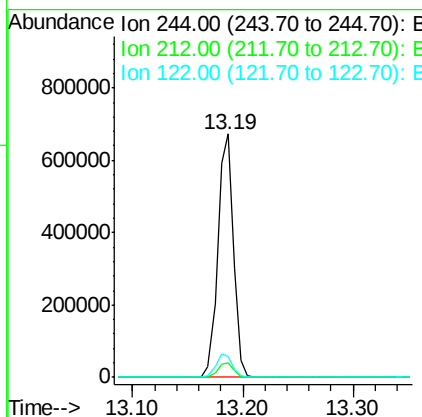
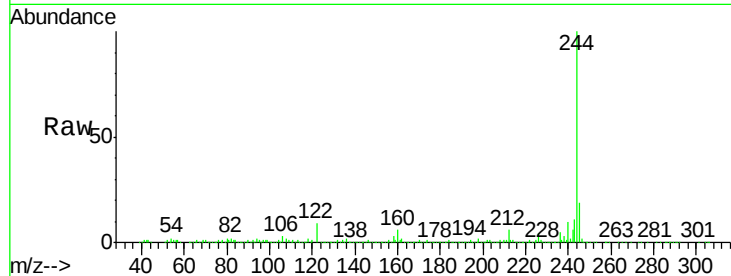
ClientSampleId :

PL-01-041819-D

Tgt Ion:	244	Resp:	656266
Ion Ratio		Lower	Upper
244	100		
212	6.1	5.4	8.2
122	8.8	7.6	11.4

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#81

Benzo(a)anthracene

Concen: 10.208 ng m

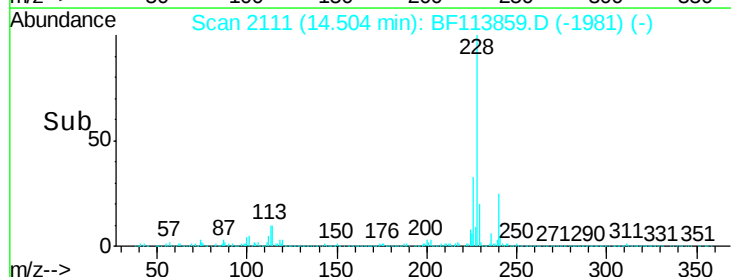
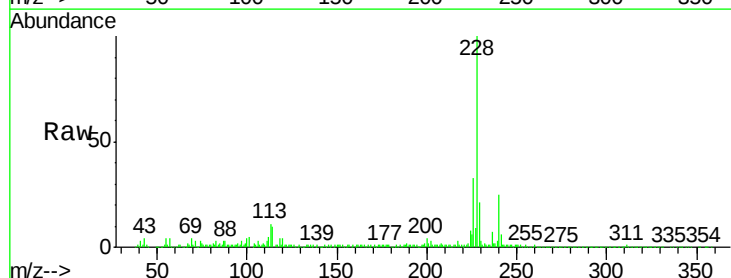
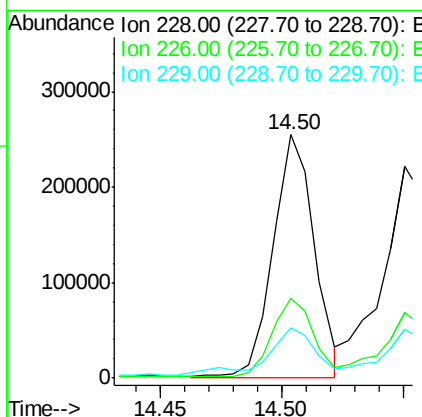
RT: 14.50 min Scan# 2111

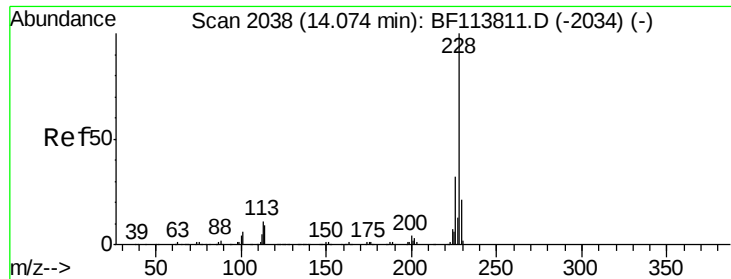
Delta R.T. 0.46 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	228	Resp:	302971
Ion Ratio		Lower	Upper
228	100		
226	32.9	22.2	33.2
229	20.6	16.0	24.0





#83

Chrysene

Concen: 9.871 ng m

RT: 14.55 min Scan# 2119

Delta R.T. 0.48 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

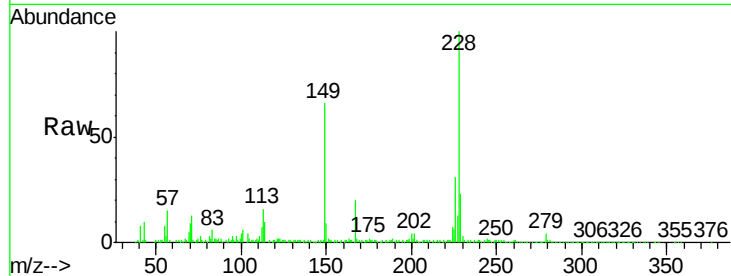
ClientSampleId :

PL-01-041819-D

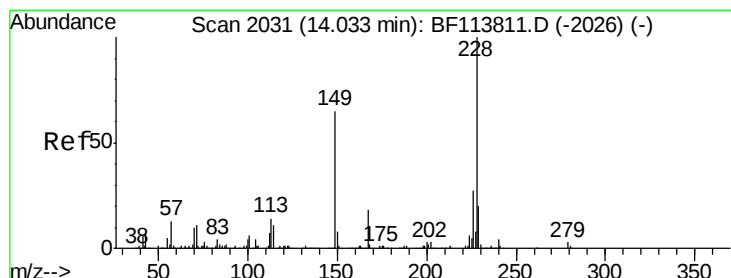
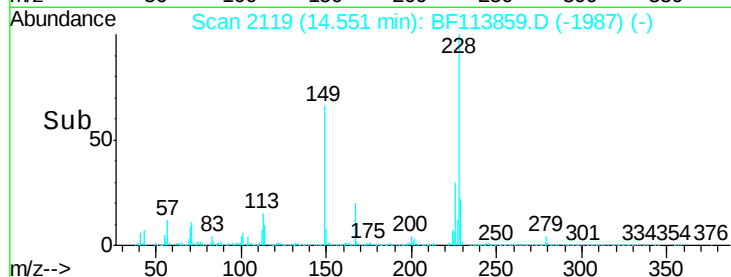
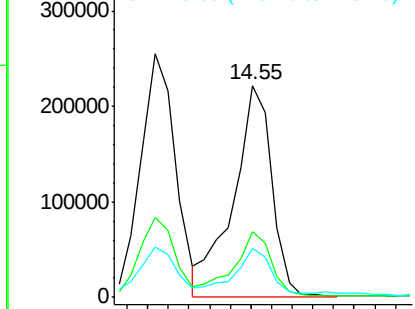
Tgt Ion:	228	Resp:	290785
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.2	37.8
229	22.9	16.7	25.1

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.572 ng m

RT: 14.54 min Scan# 2118

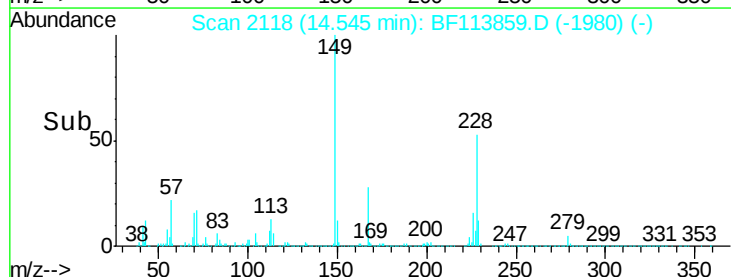
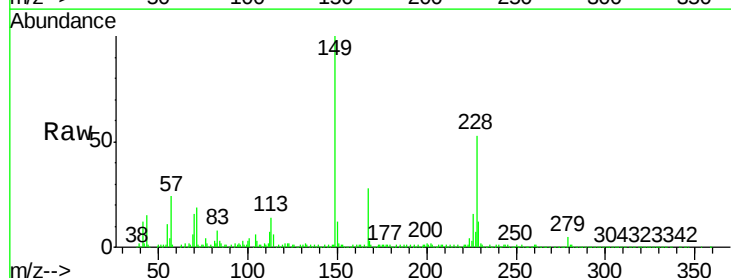
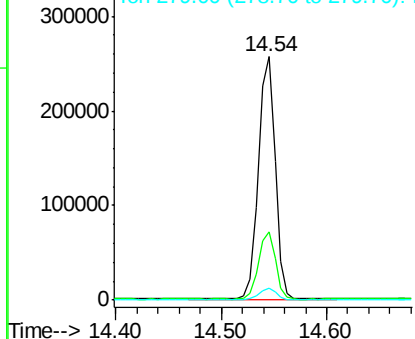
Delta R.T. 0.51 min

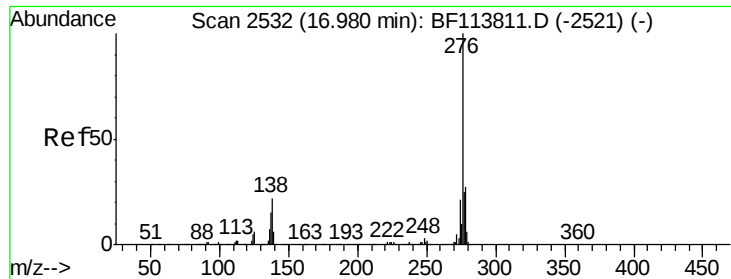
Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	149	Resp:	294497
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.9	34.3
279	5.1	4.2	6.2

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





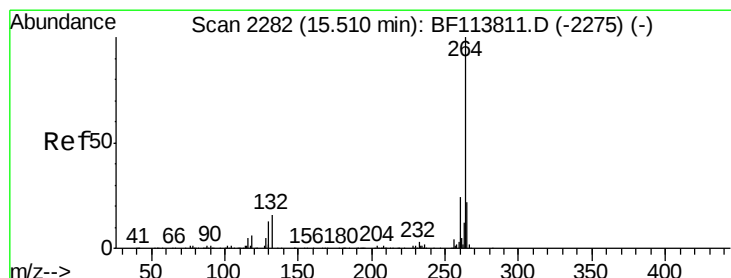
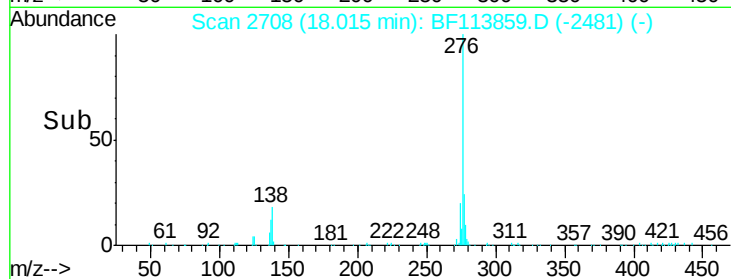
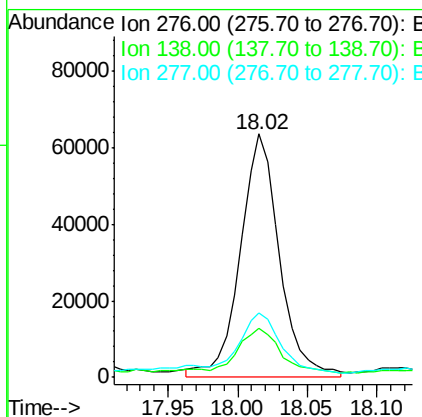
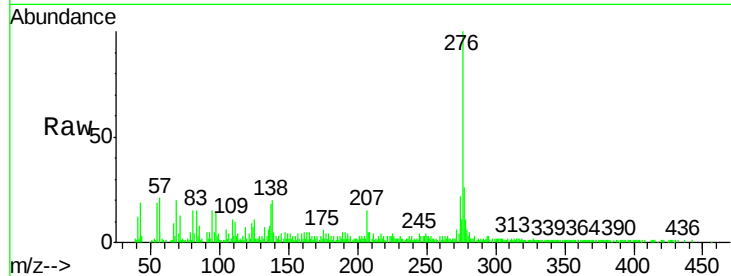
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.193 ng m
 RT: 18.02 min Scan# 2708
 Delta R.T. 1.04 min
 Lab File: BF113859.D
 Acq: 19 Apr 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-D

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.6	19.6	29.4#
277	1.0	20.2	30.4#

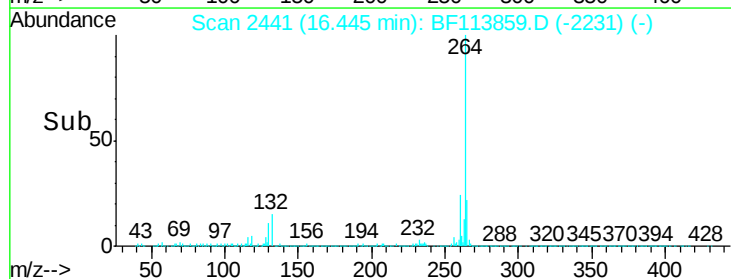
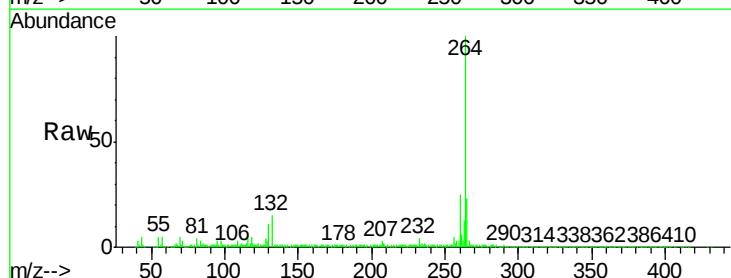
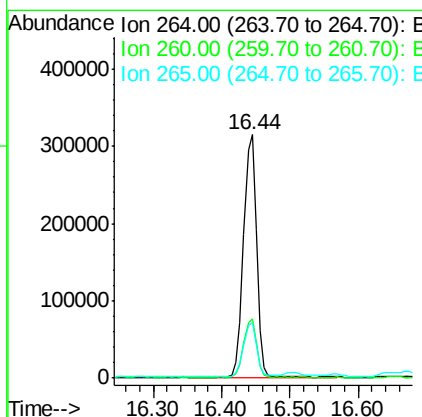
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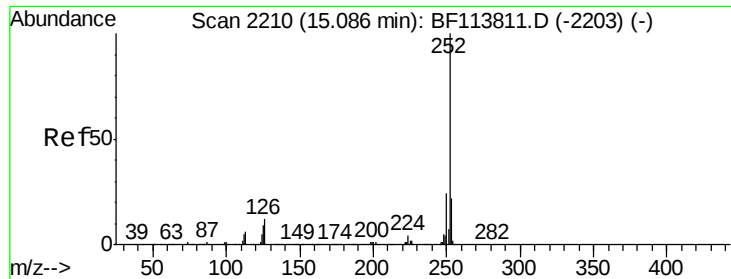
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#87
 Perylene-d12
 Concen: 20.000 ng m
 RT: 16.44 min Scan# 2441
 Delta R.T. 0.94 min
 Lab File: BF113859.D
 Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.7	17.3	25.9





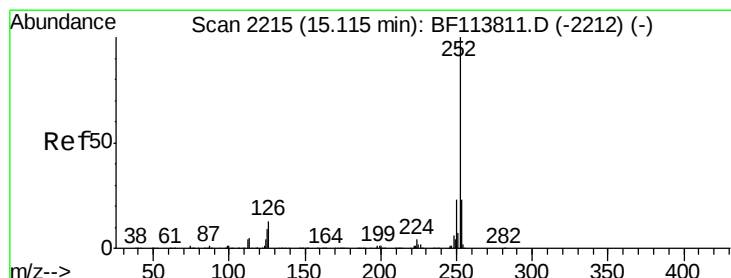
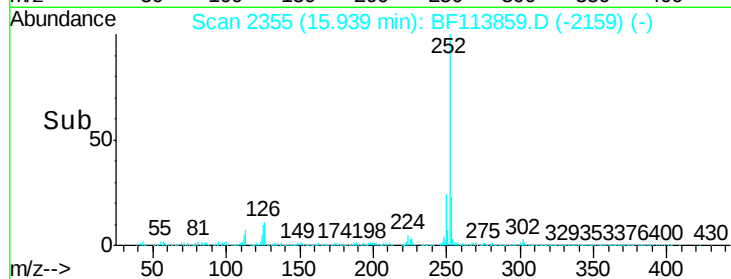
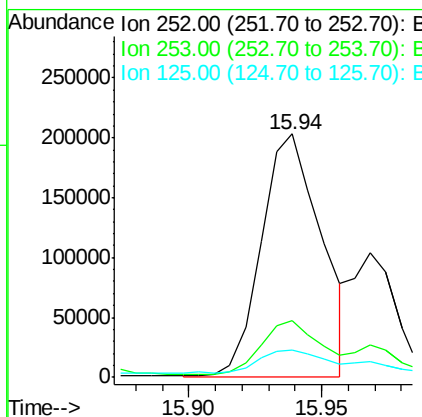
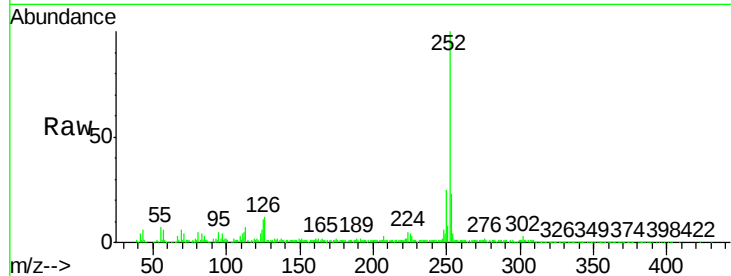
#88
Benzo(b)fluoranthene
Concen: 12.071 ng m
RT: 15.94 min Scan# 2355
Delta R.T. 0.85 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.0	7.0	10.6

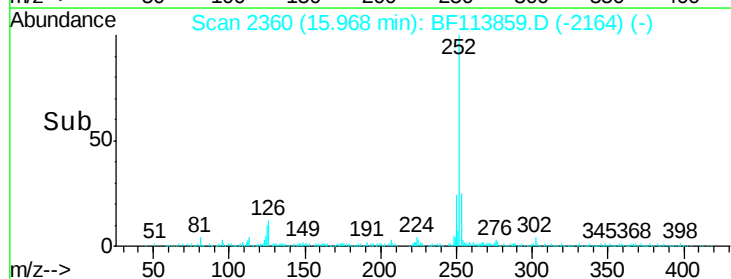
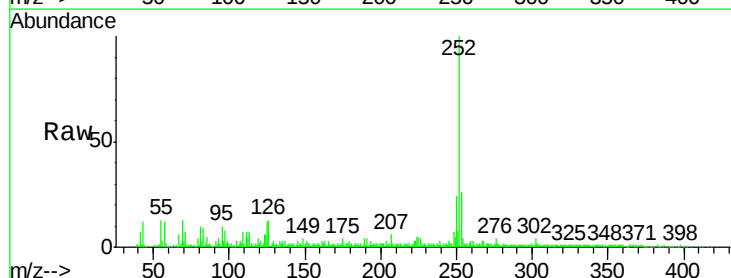
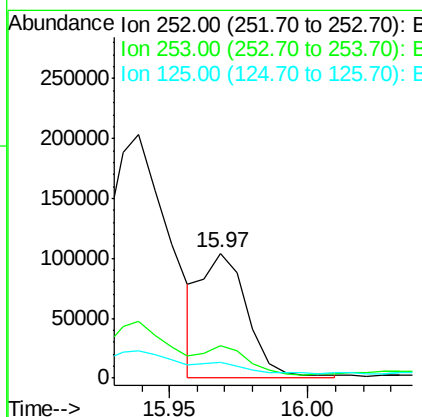
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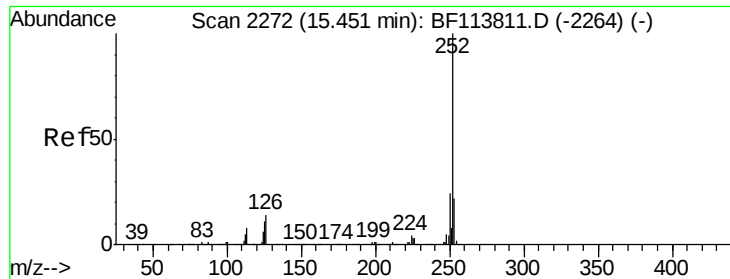
Sohil
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#89
Benzo(k)fluoranthene
Concen: 4.922 ng m
RT: 15.97 min Scan# 2360
Delta R.T. 0.85 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.2
125	12.4	7.4	11.2





#90

Benzo(a)pyrene

Concen: 9.195 ng m

RT: 16.37 min Scan# 2428

Delta R.T. 0.92 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Instrument :

BNA_F

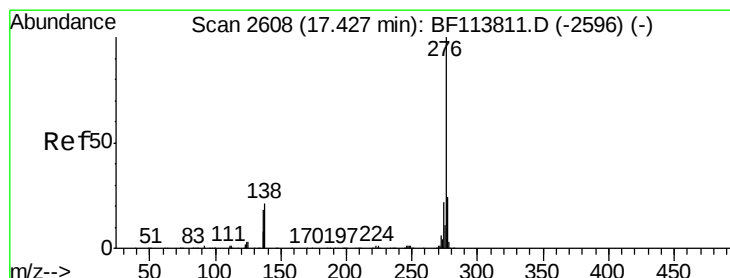
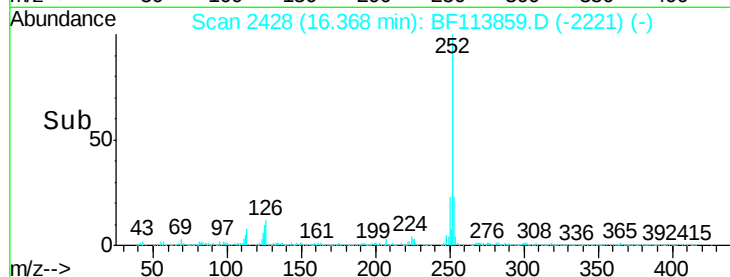
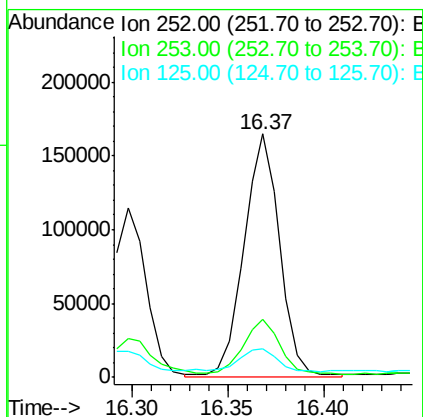
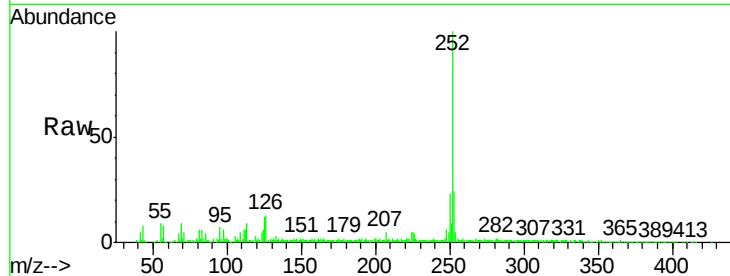
ClientSampleId :

PL-01-041819-D

Tgt Ion:	252	Resp:	216326
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	11.6	8.5	12.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 5.262 ng m

RT: 18.48 min Scan# 2787

Delta R.T. 1.05 min

Lab File: BF113859.D

Acq: 19 Apr 2019 15:37

Tgt Ion:	276	Resp:	111962
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.0	28.4
138	21.3	16.6	25.0

