

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113895.D
 Acq On : 22 Apr 2019 23:09
 Operator : JU/SJ
 Sample : K2201-07 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 23 05:33:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172612	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	587058	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	275400	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	577357	20.00	ng	0.00
76) Chrysene-d12	14.06	240	588218	20.00	ng	-0.01
87) Perylene-d12	15.54	264	520288	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416453	41.26	ng	0.00
7) Phenol-d6	6.52	99	514728	40.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	288968	30.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	148947	44.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	557107	31.64	ng	0.00
79) Terphenyl-d14	13.00	244	767699	26.76	ng	0.00
Target Compounds						
49) Acenaphthylene	9.79	152	66090	2.467	ng	99
50) Dimethylphthalate	9.64	163	50028	2.512	ng	99
71) Phenanthrene	11.44	178	173654	5.985	ng	98
72) Anthracene	11.49	178	69511	2.372	ng	97
75) Fluoranthene	12.63	202	539474	17.041	ng	98
78) Pyrene	12.86	202	521842	12.686	ng	98
81) Benzo(a)anthracene	14.04	228	350193	10.105	ng	95
83) Chrysene	14.08	228	339567	10.061	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	346491	16.827	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	146659	4.587	ng	94
88) Benzo(b)fluoranthene	15.10	252	435545m	13.231	ng	
89) Benzo(k)fluoranthene	15.13	252	107598m	3.800	ng	
90) Benzo(a)pyrene	15.47	252	261269	9.176	ng	94
92) Benzo(g,h,i)perylene	17.47	276	125524	4.654	ng	97

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

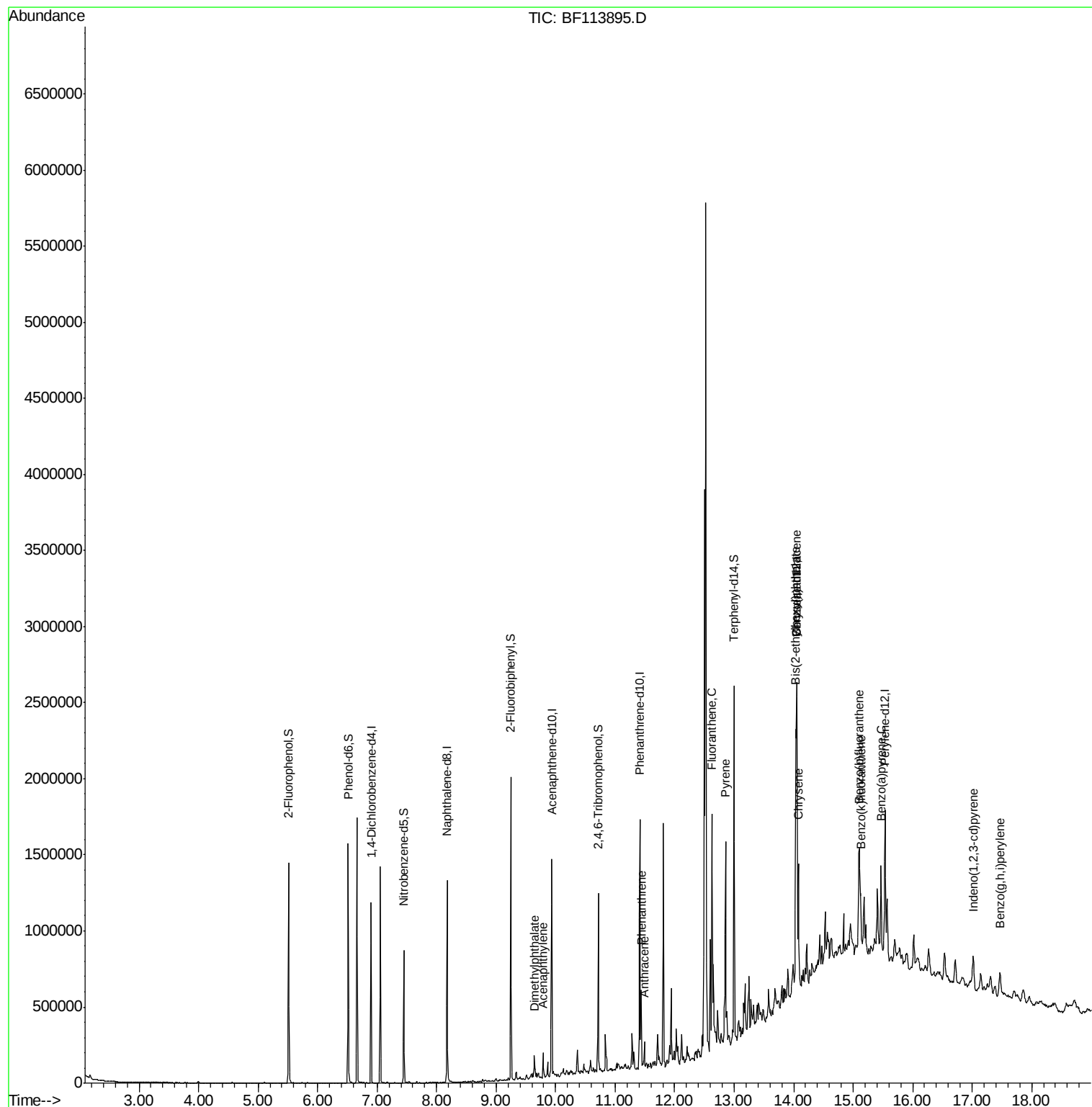
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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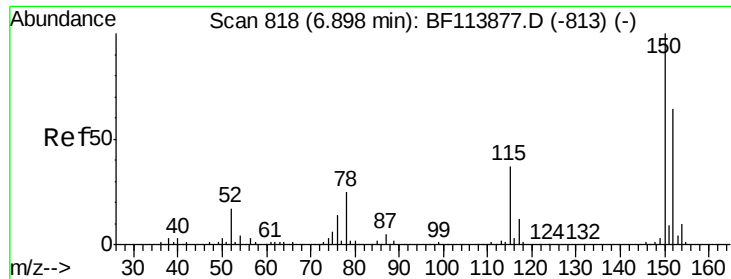
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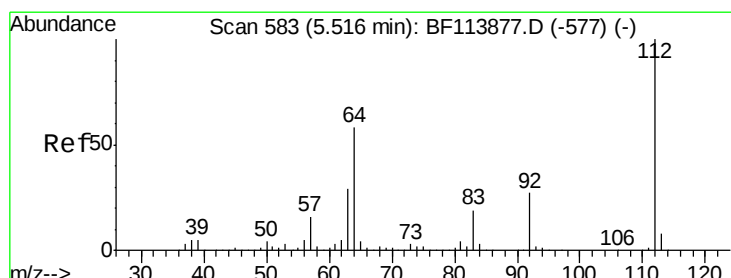
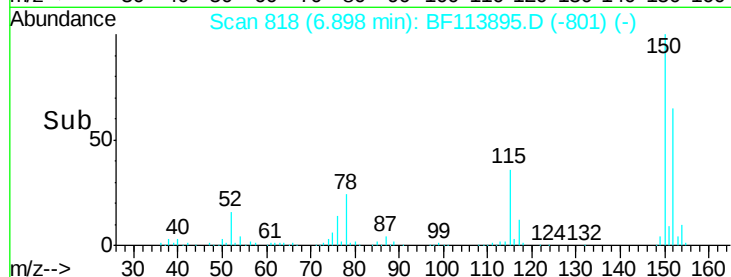
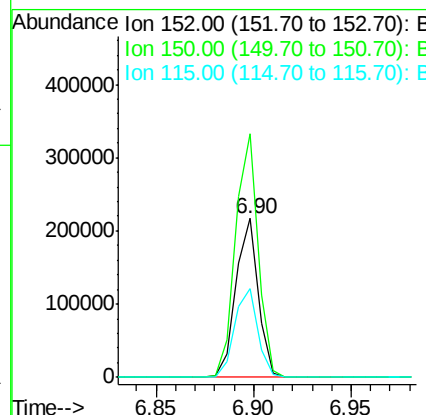
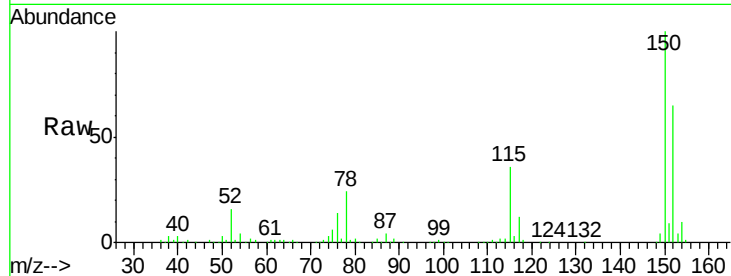
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172612		
150	153.5	125.9	188.9	
115	55.8	45.9	68.9	

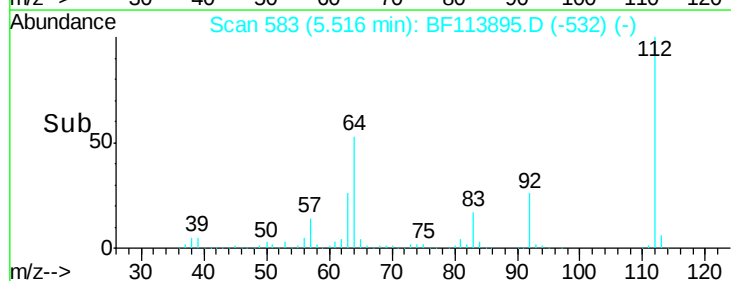
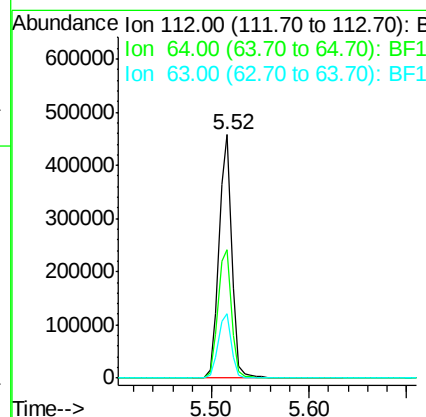
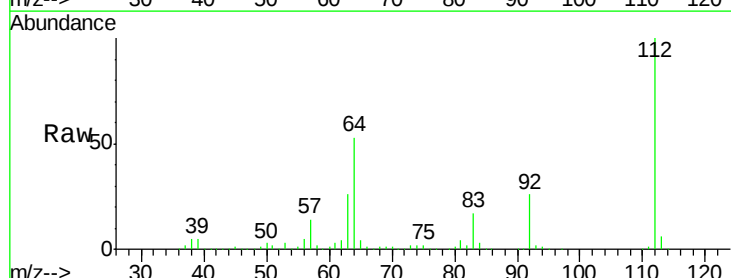
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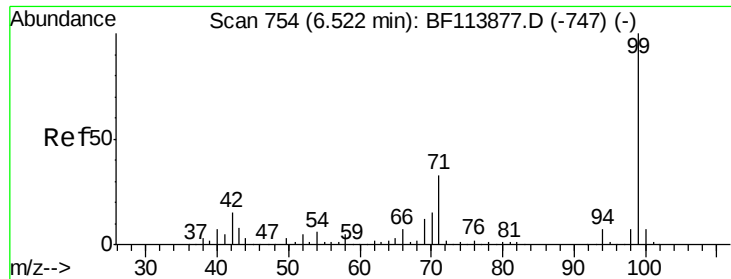
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#5
 2-Fluorophenol
 Concen: 41.265 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	416453		
64	52.8	46.6	69.8	
63	26.3	23.1	34.7	





#7

Phenol-d6

Concen: 40.652 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Instrument :

BNA_F

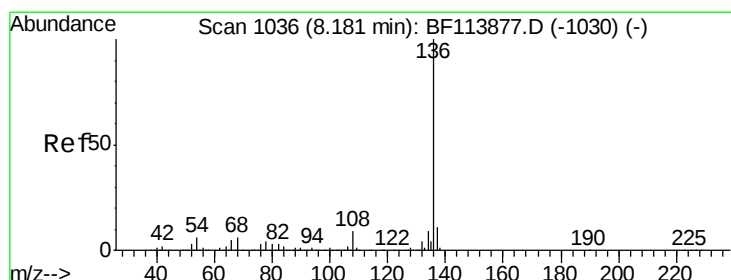
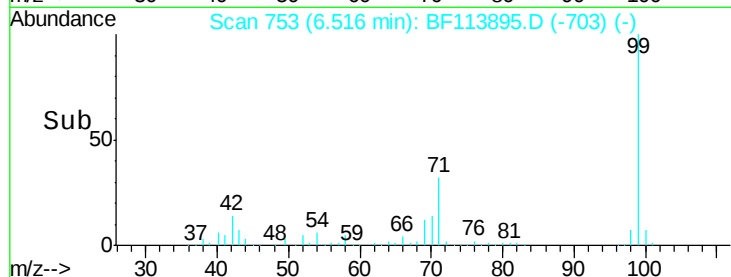
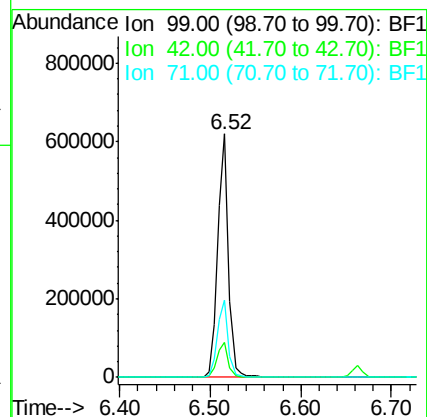
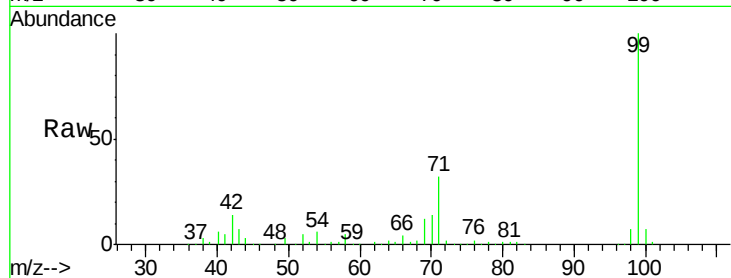
ClientSampleId :

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Tgt Ion:	99	Resp:	514728
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.5	18.7
71	31.6	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

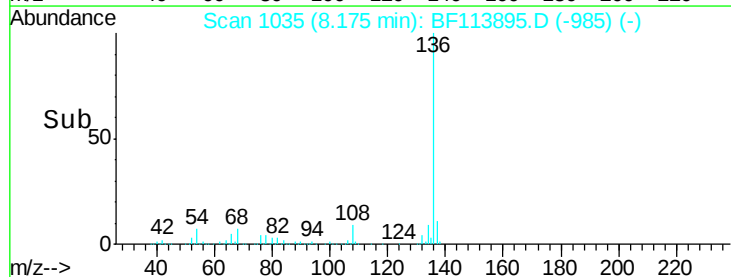
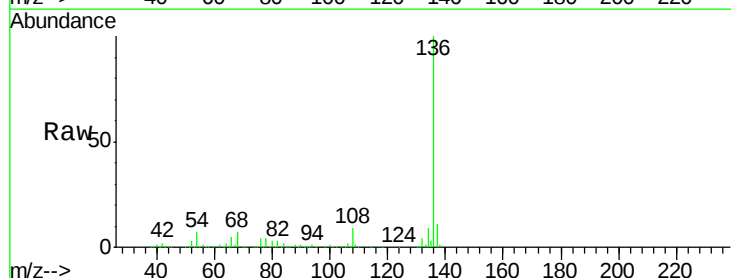
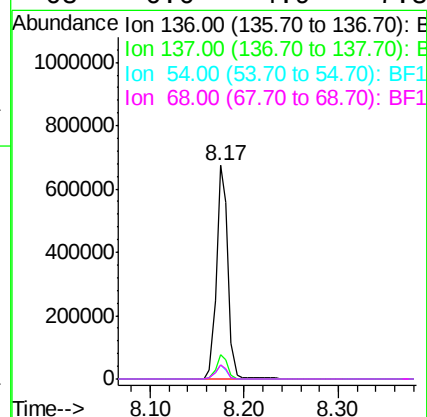
RT: 8.17 min Scan# 1035

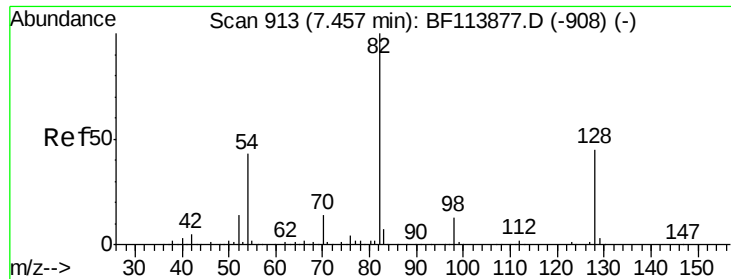
Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Tgt Ion:	136	Resp:	587058
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	12.8
54	6.9	5.0	7.6
68	6.6	4.9	7.3





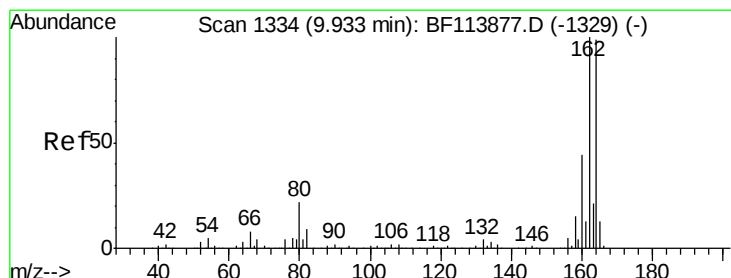
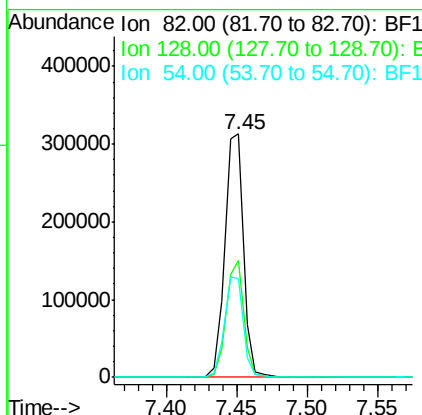
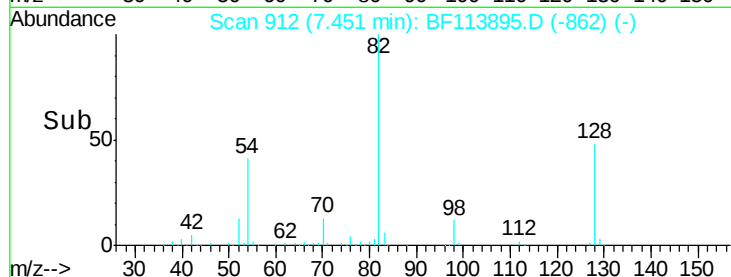
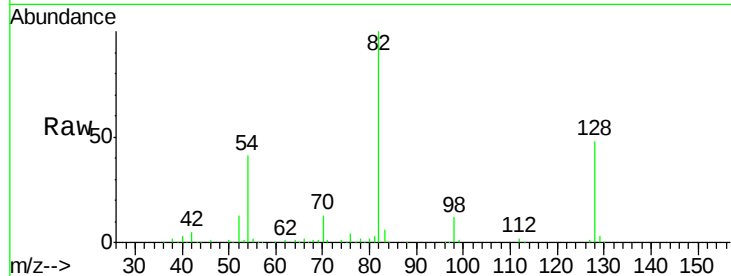
#23
 Nitrobenzene-d5
 Concen: 30.392 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	288968		
128	48.1	36.8	55.2	
54	40.6	33.8	50.6	

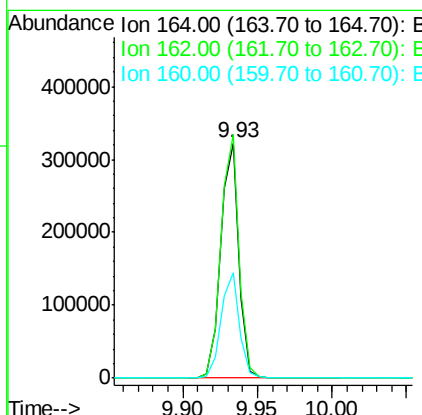
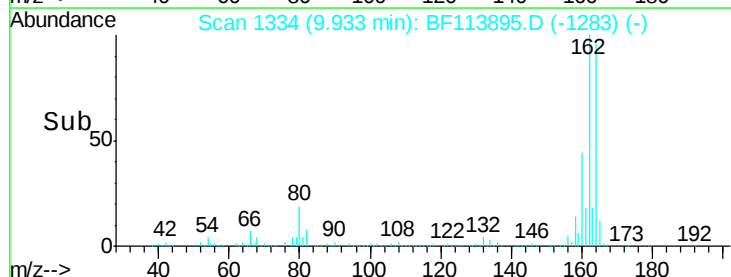
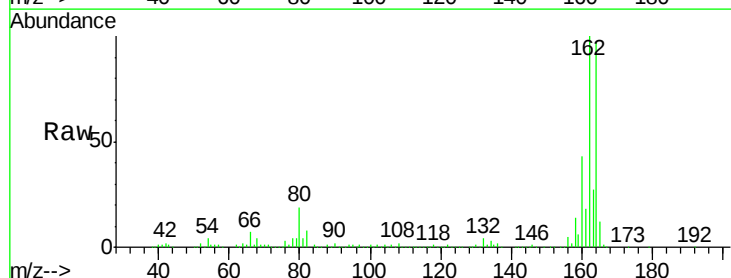
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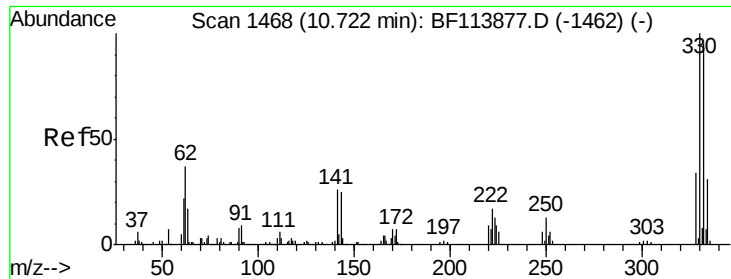
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275400		
162	103.5	81.1	121.7	
160	45.0	35.8	53.6	





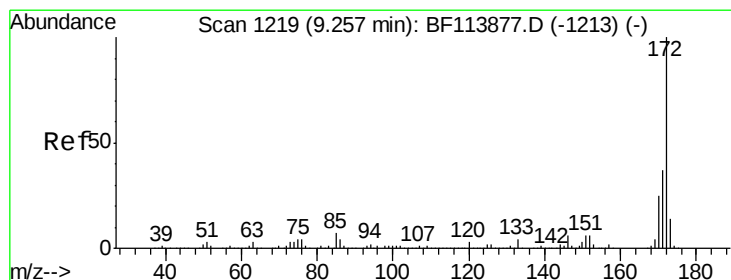
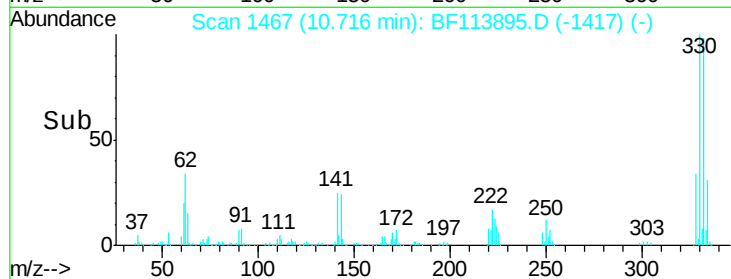
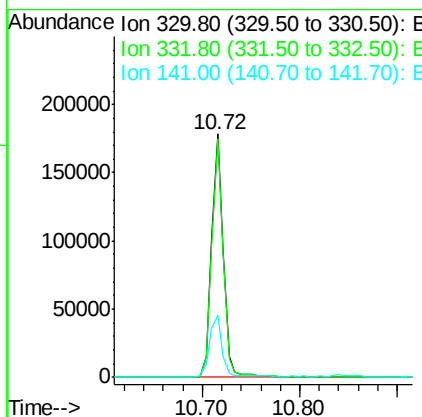
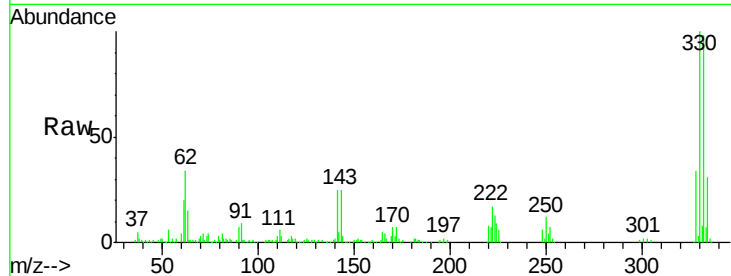
#42
 2,4,6-Tribromophenol
 Concen: 44.396 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148947		
332	96.9	77.5	116.3	
141	25.4	22.2	33.2	

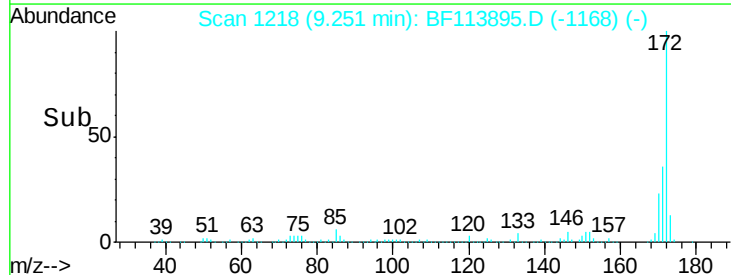
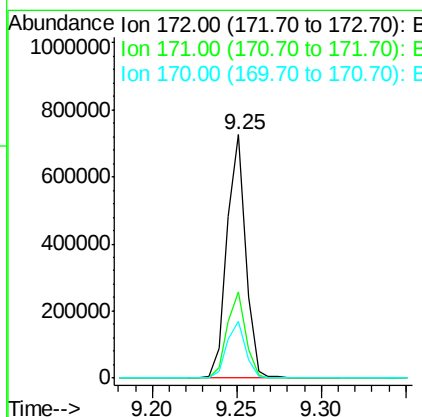
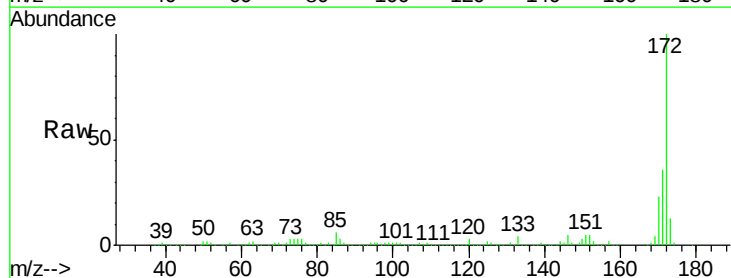
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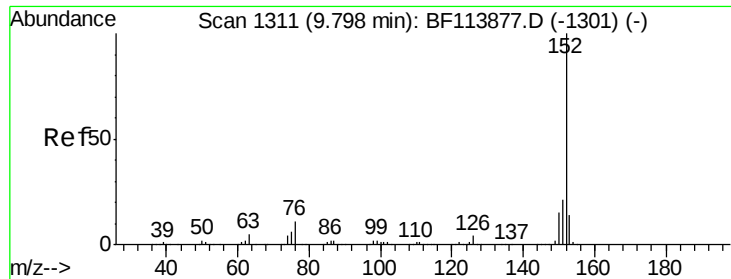
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#45
 2-Fluorobiphenyl
 Concen: 31.639 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	557107		
171	35.6	29.4	44.0	
170	23.4	19.9	29.9	





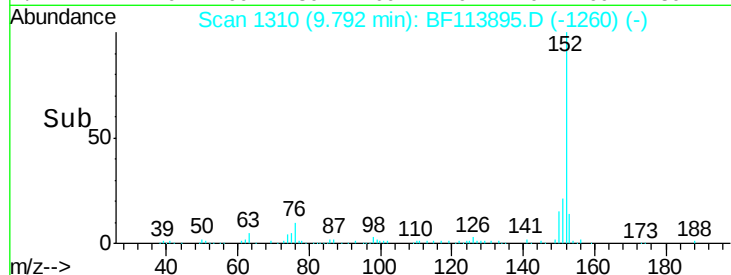
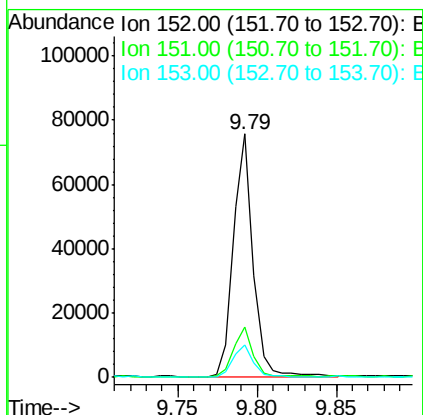
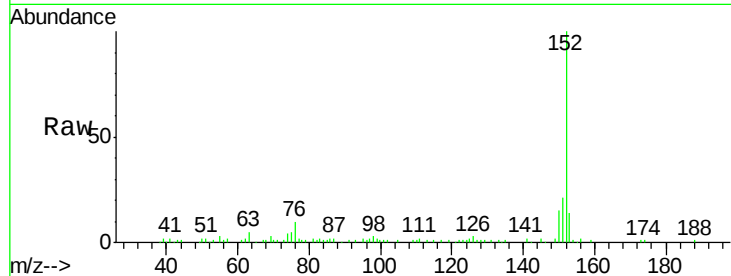
#49
Acenaphthylene
Concen: 2.467 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.6	11.0	16.6

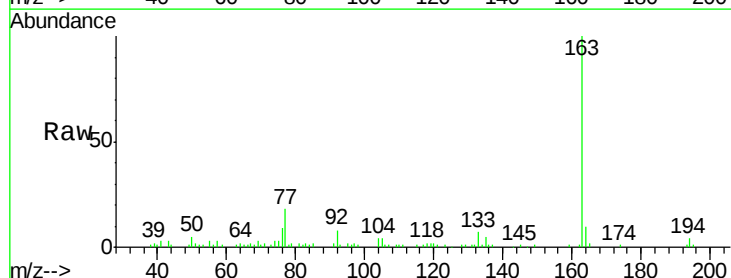
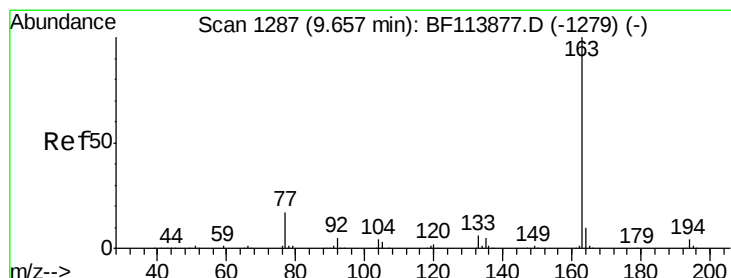
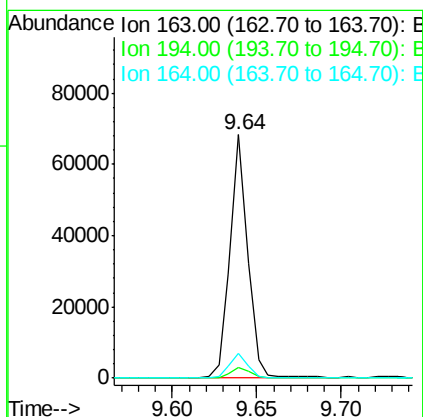
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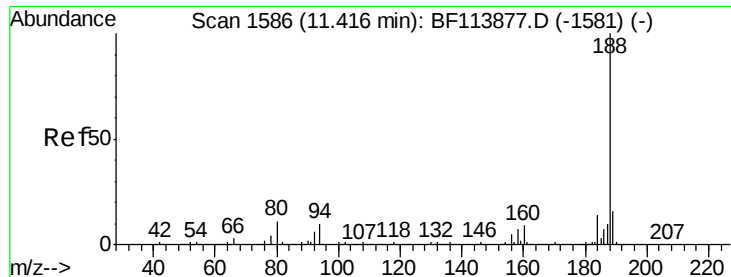
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#50
Dimethylphthalate
Concen: 2.512 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.5	12.7





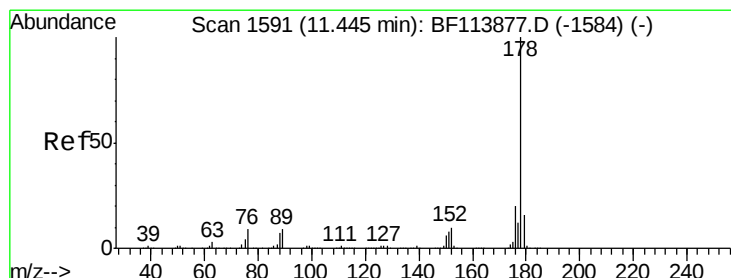
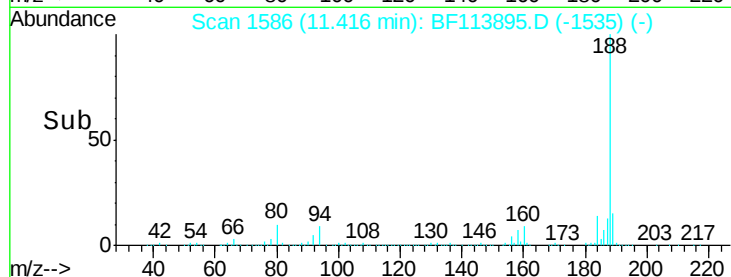
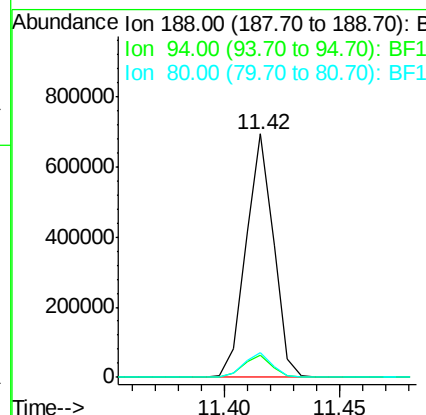
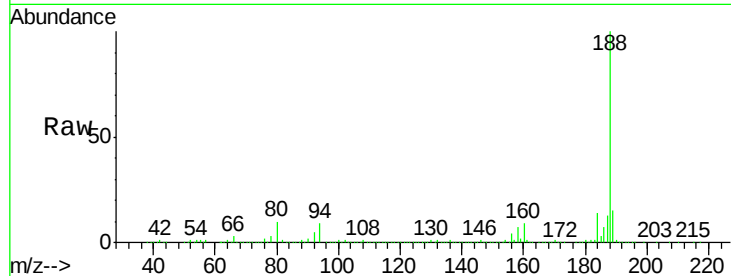
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	577357		
94	9.2		8.2	12.4
80	10.1		9.0	13.6

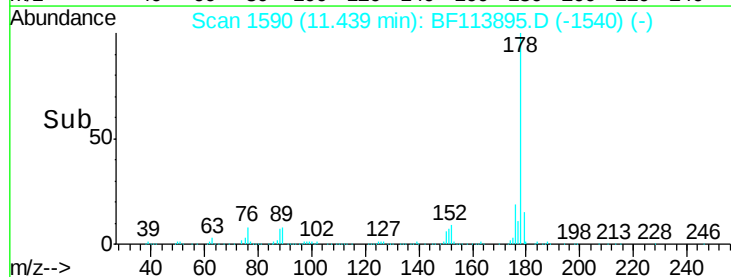
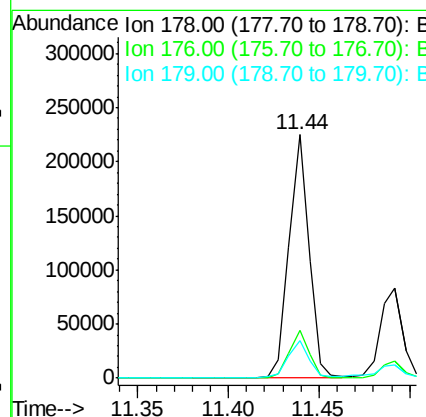
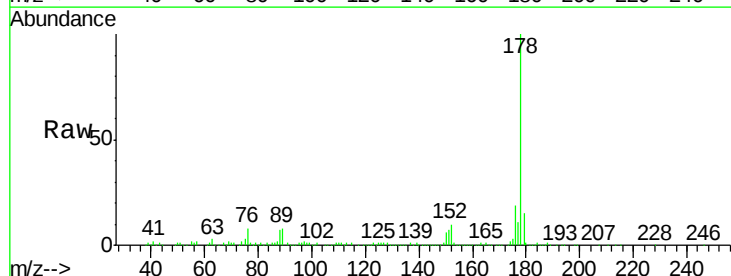
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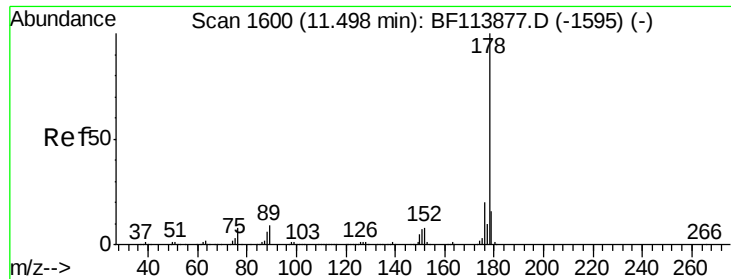
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#71
Phenanthrene
Concen: 5.985 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	173654		
176	19.5		16.1	24.1
179	15.2		12.8	19.2





#72

Anthracene

Concen: 2.372 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Instrument :

BNA_F

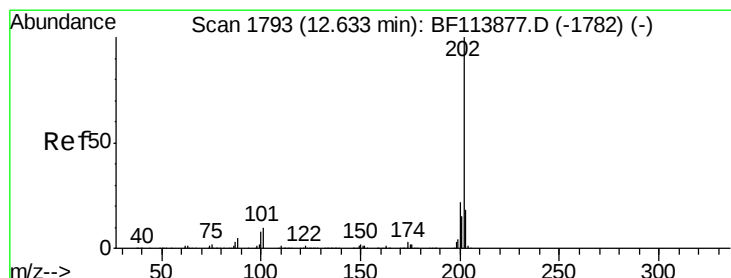
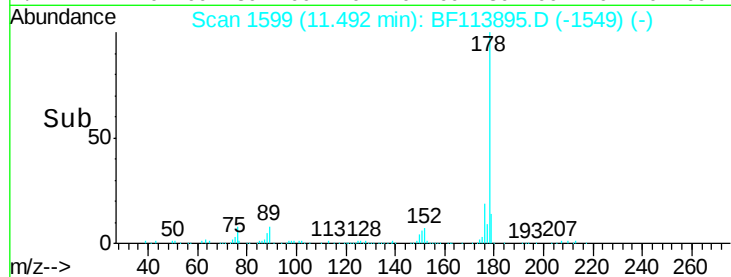
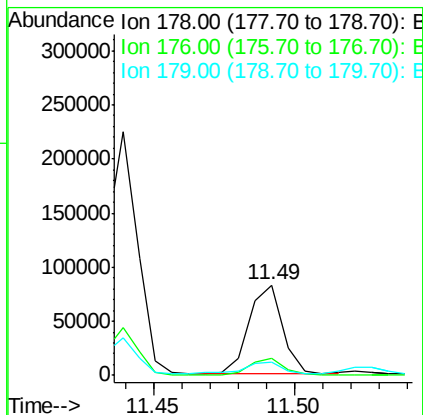
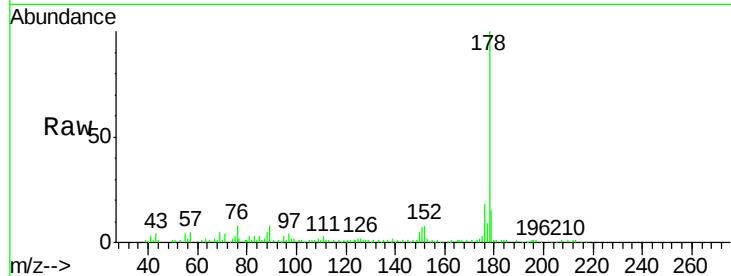
ClientSampleId :

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Tgt Ion:	178	Resp:	69511
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.7	23.5
179	15.1	13.0	19.4

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#75

Fluoranthene

Concen: 17.041 ng

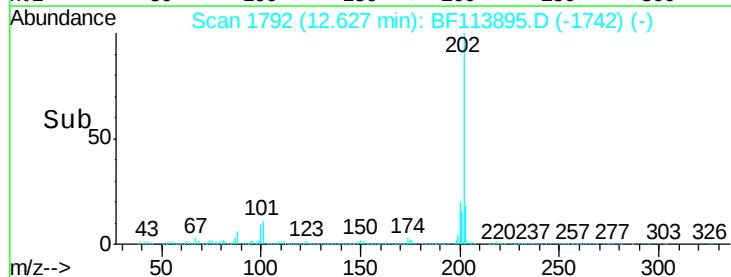
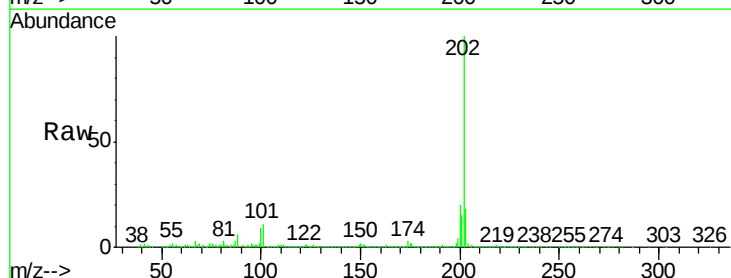
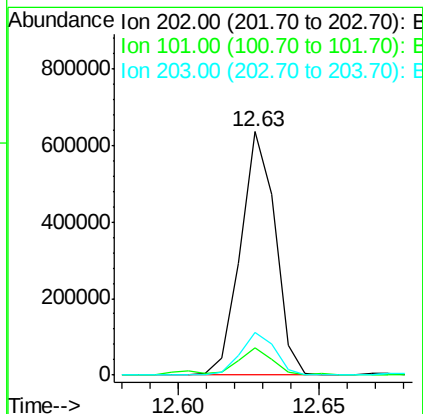
RT: 12.63 min Scan# 1792

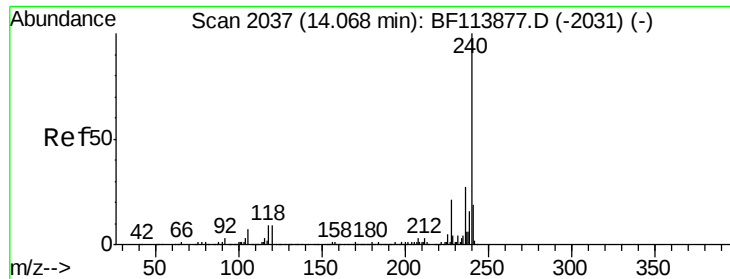
Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Tgt Ion:	202	Resp:	539474
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	32.9
203	17.8	0.0	38.2





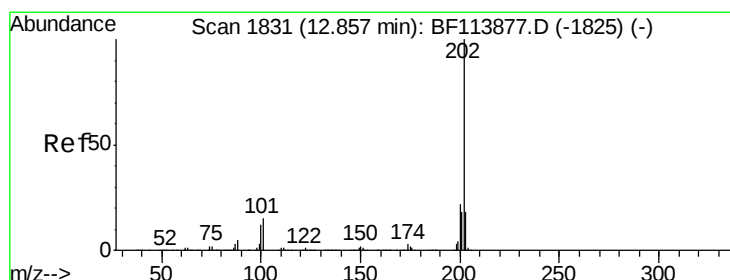
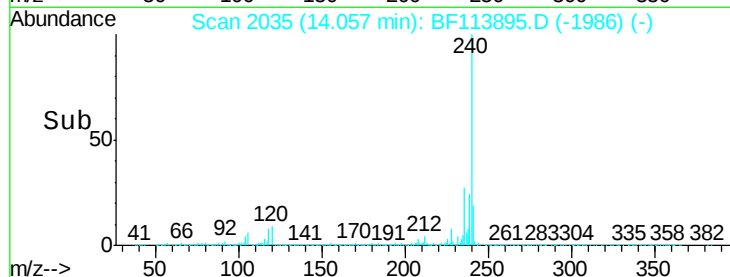
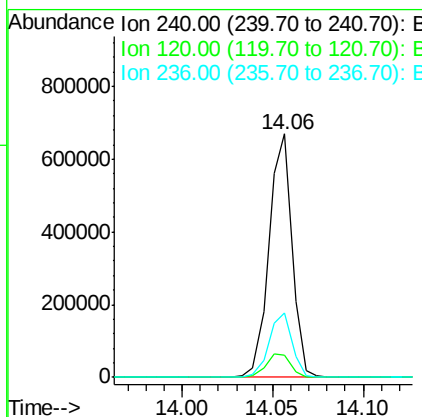
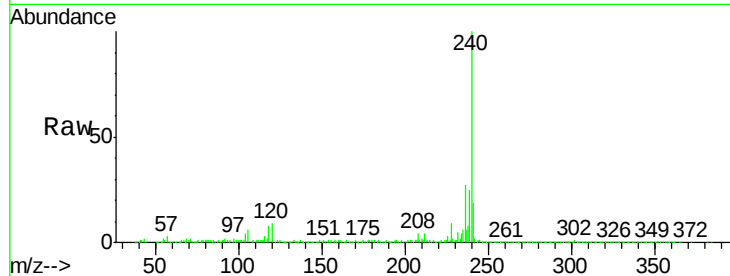
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.9	9.3	13.9#
236	26.6	21.2	31.8

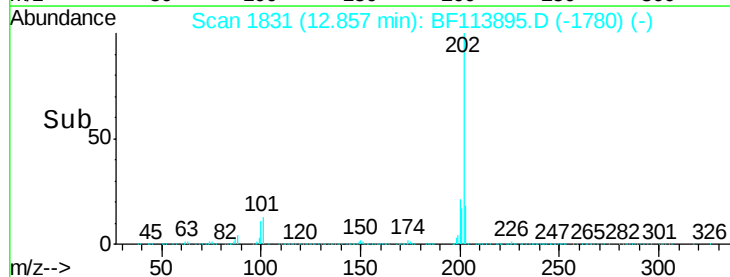
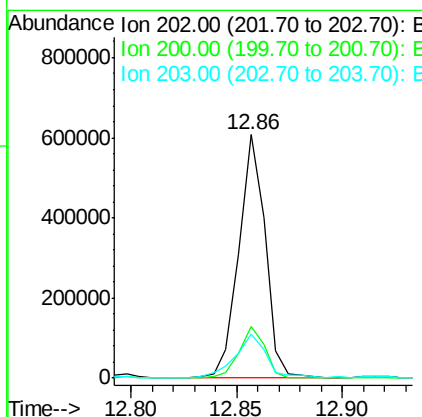
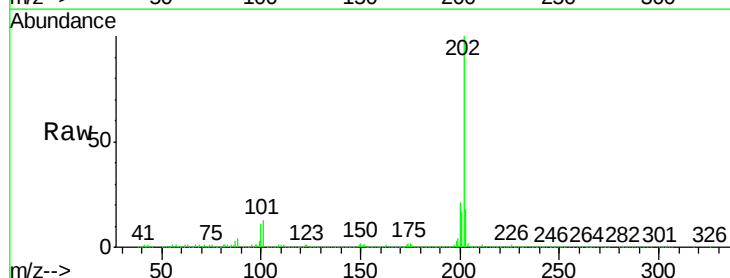
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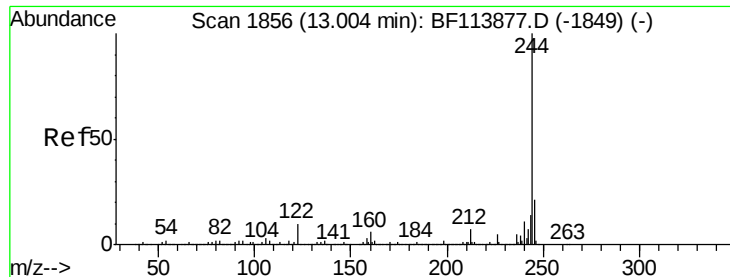
Sohil
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#78
Pyrene
Concen: 12.686 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.7	26.5
203	17.9	15.0	22.6





#79

Terphenyl-d14

Concen: 26.757 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Instrument :

BNA_F

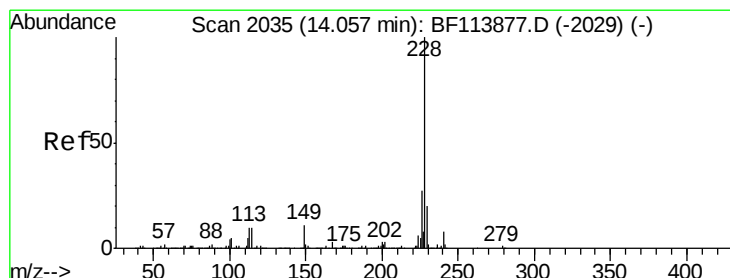
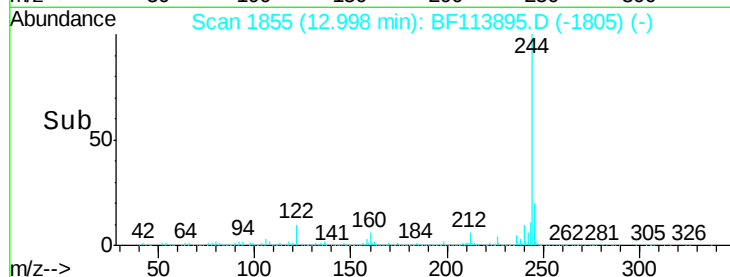
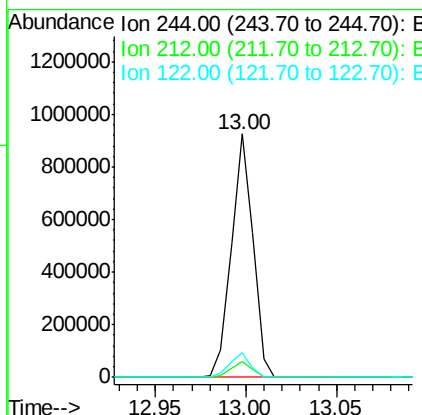
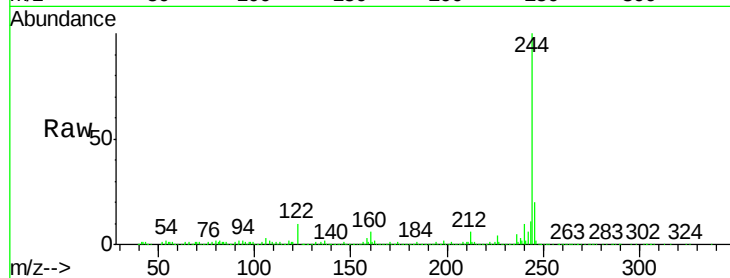
ClientSampleId :

PL-01-041819-D

Tgt Ion:	244	Resp:	767699
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.0	7.6	11.4

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#81

Benzo(a)anthracene

Concen: 10.105 ng

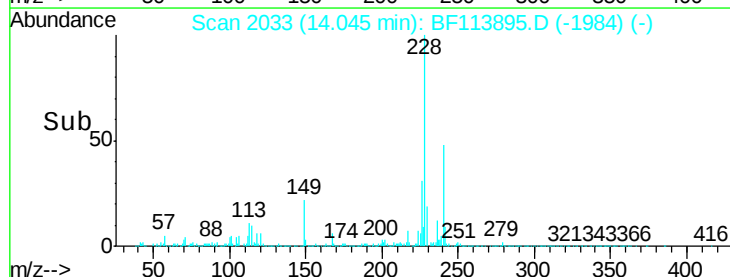
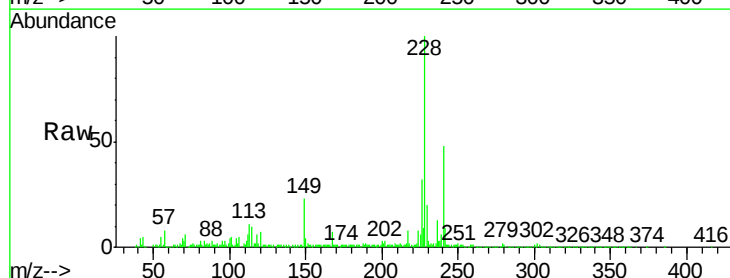
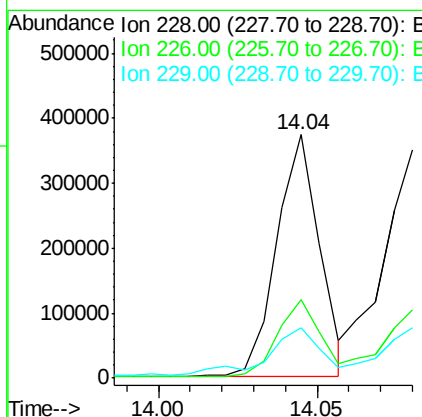
RT: 14.04 min Scan# 2033

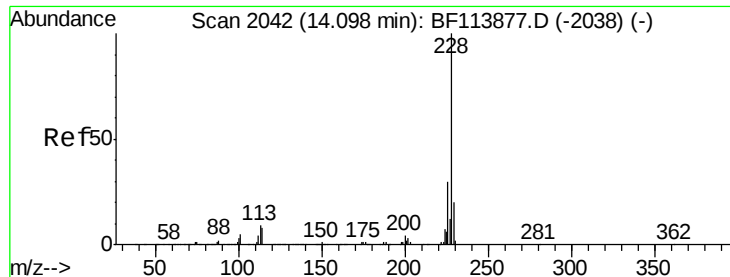
Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Tgt Ion:	228	Resp:	350193
Ion Ratio		Lower	Upper
228	100		
226	32.0	22.2	33.2
229	20.5	16.0	24.0





#83

Chrysene

Concen: 10.061 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Instrument :

BNA_F

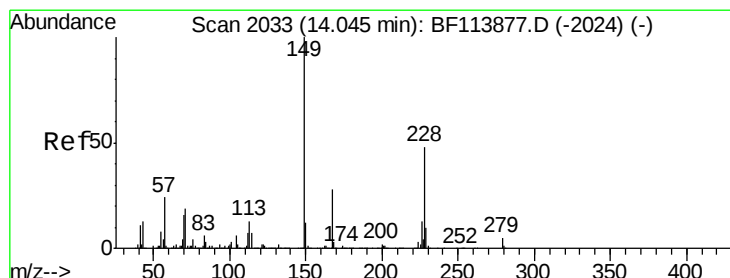
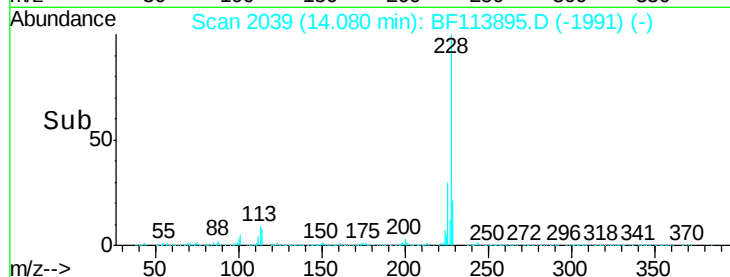
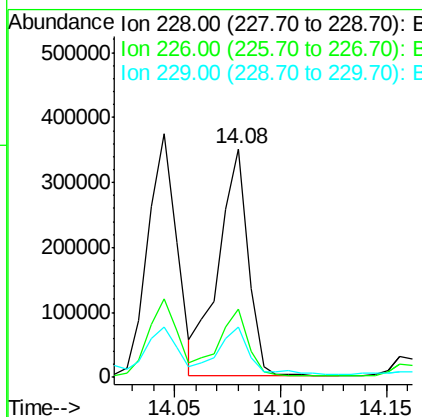
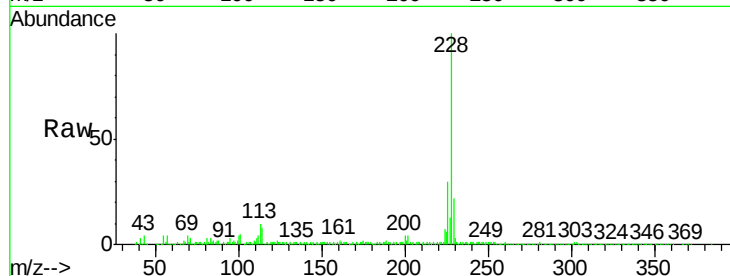
ClientSampleId :

PL-01-041819-D

Tgt Ion:	228	Resp:	339567
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.2	37.8
229	22.0	16.7	25.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 16.827 ng

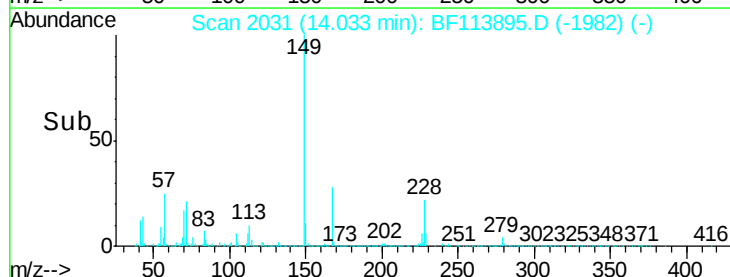
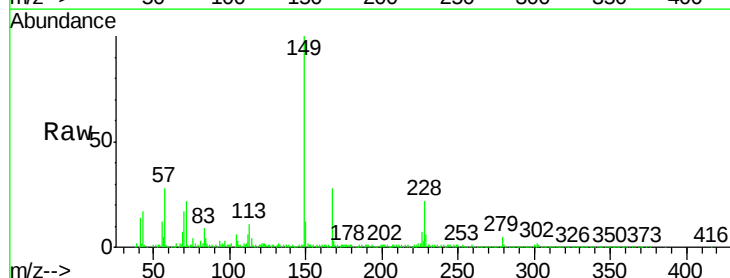
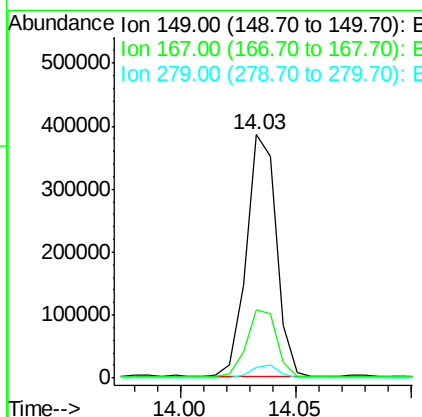
RT: 14.03 min Scan# 2031

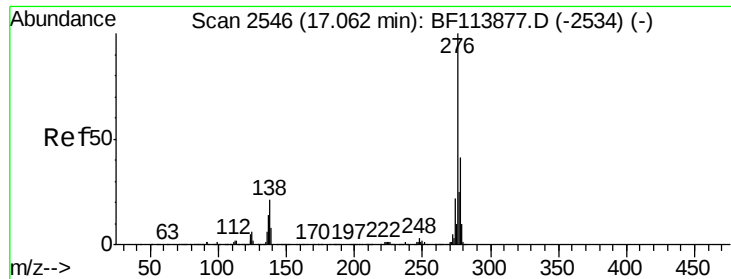
Delta R.T. -0.01 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Tgt Ion:	149	Resp:	346491
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.9	34.3
279	4.6	4.2	6.2





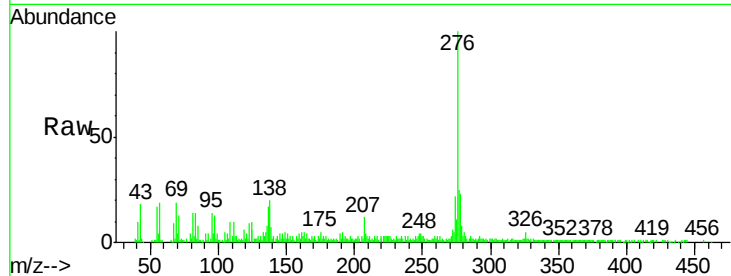
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.587 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.6	29.4
277	23.5	20.2	30.4

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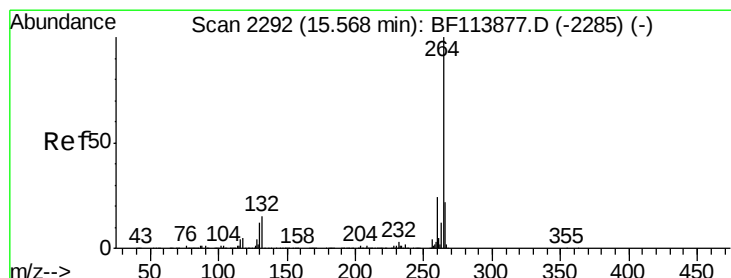
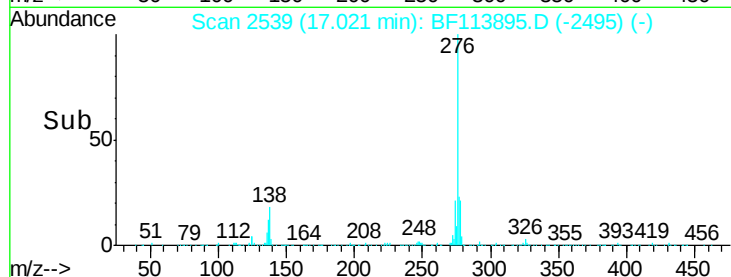
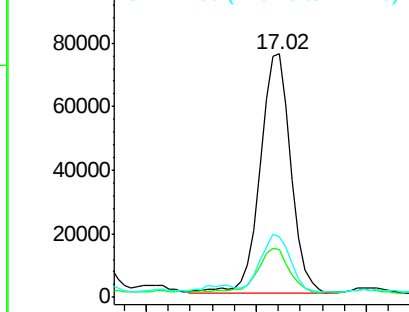


Abundance

Ion 276.00 (275.70 to 276.70): E

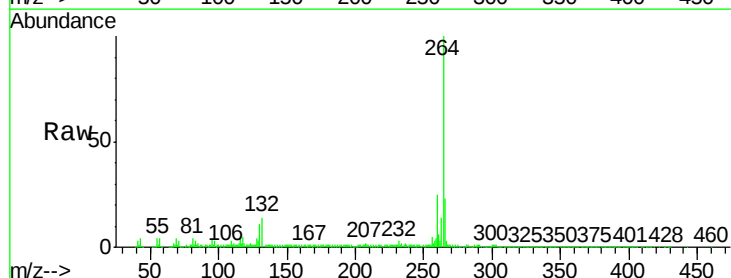
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF113895.D
 Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	22.5	17.3	25.9

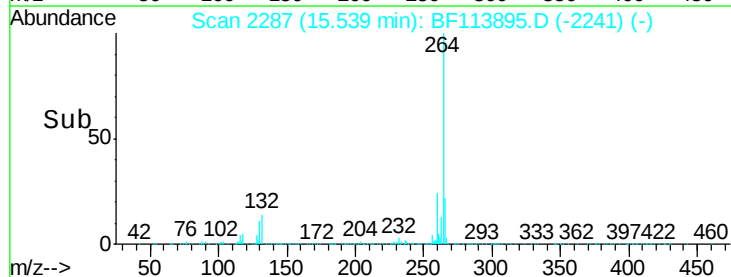
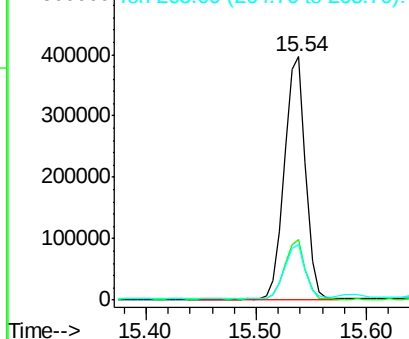


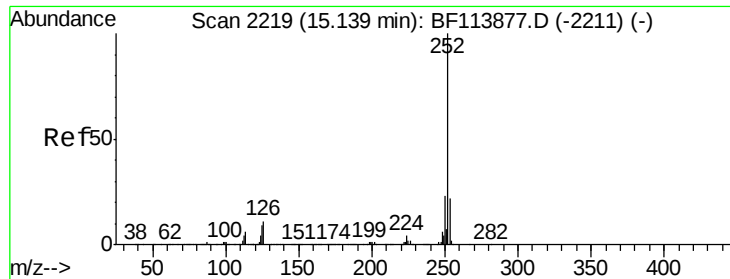
Abundance

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





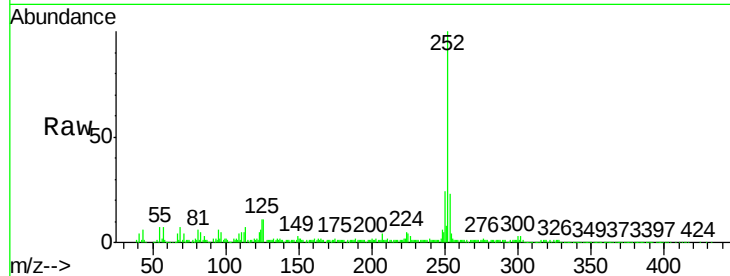
#88
Benzo(b)fluoranthene
Concen: 13.231 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

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

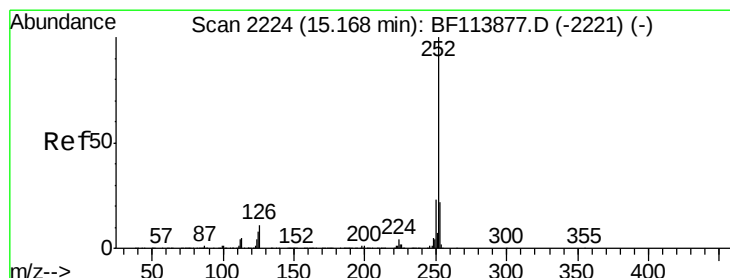
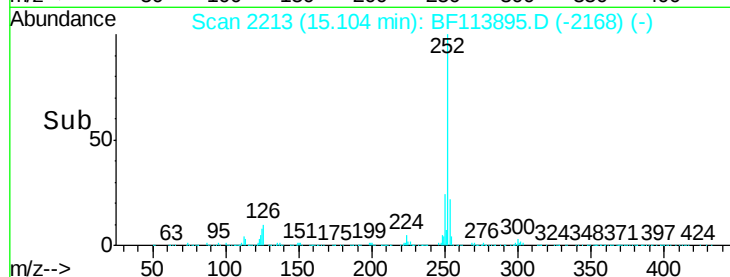
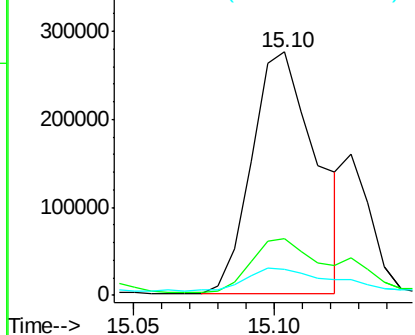
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.9	7.0	10.6

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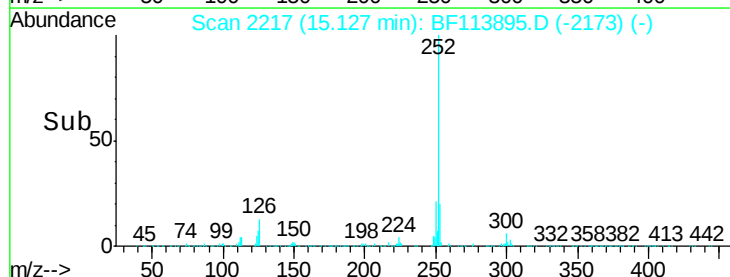
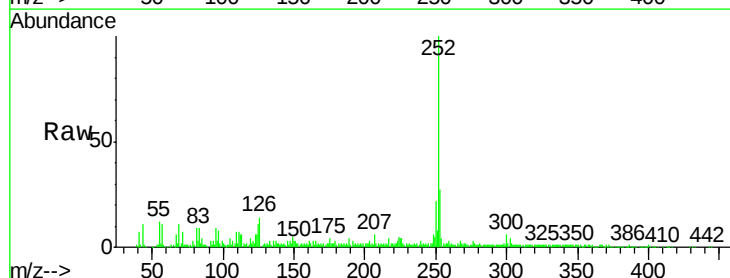
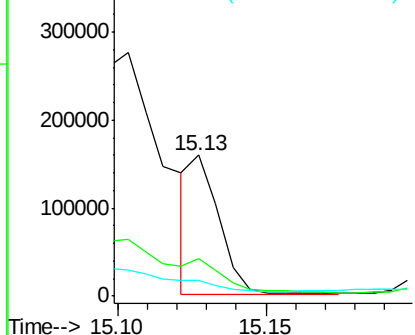
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

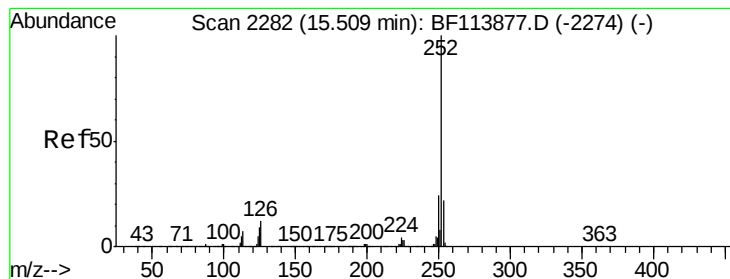


#89
Benzo(k)fluoranthene
Concen: 3.800 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF113895.D
Acq: 22 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	11.3	7.4	11.2

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: 9.176 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Instrument :

BNA_F

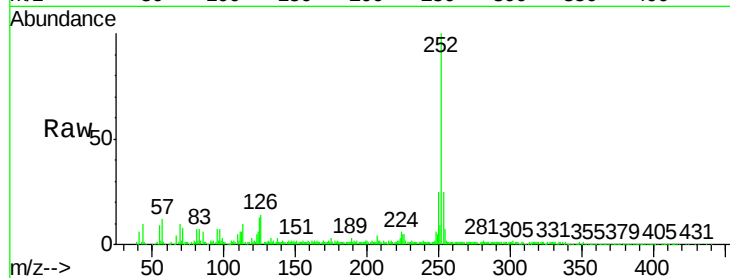
ClientSampleId :

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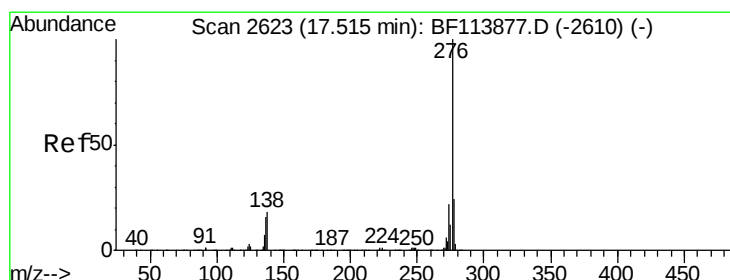
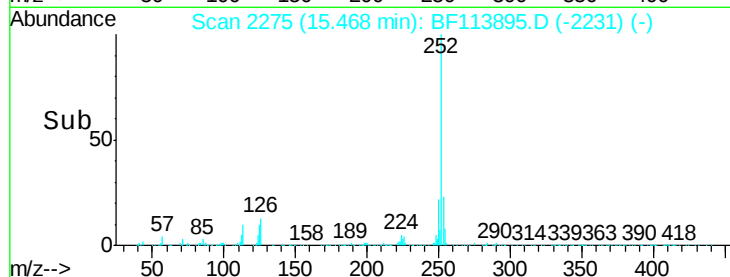
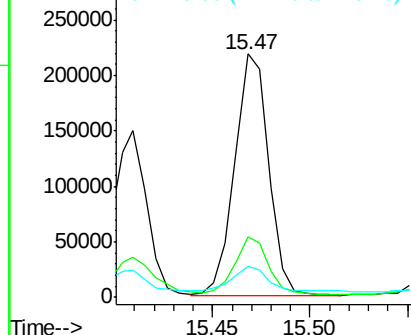
Tgt Ion:	252	Resp:	261269
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	12.6	8.5	12.7

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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



#92

Benzo(g,h,i)perylene

Concen: 4.654 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.05 min

Lab File: BF113895.D

Acq: 22 Apr 2019 23:09

Tgt Ion:	276	Resp:	125524
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.0	28.4
138	21.5	16.6	25.0

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

