

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113899.D
 Acq On : 23 Apr 2019 00:55
 Operator : JU/SJ
 Sample : K2201-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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 4/23/2019 4:08:17 PM

Quant Time: Apr 23 06:47:17 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	164421	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	577797	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284056	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	609114	20.00	ng	0.00
76) Chrysene-d12	14.06	240	575565	20.00	ng	-0.01
87) Perylene-d12	15.54	264	460150	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	428043	44.53	ng	0.00
7) Phenol-d6	6.52	99	523162	43.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	287982	30.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	169213	48.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	603020	33.20	ng	0.00
79) Terphenyl-d14	13.00	244	898785	32.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	49193	2.395	ng	Qvalue 100
71) Phenanthrene	11.44	178	126253	4.124	ng	98
75) Fluoranthene	12.63	202	323461	9.685	ng	99
78) Pyrene	12.86	202	317012	7.876	ng	98
81) Benzo(a)anthracene	14.04	228	215538m	6.356	ng	
83) Chrysene	14.08	228	178485	5.404	ng	97
86) Indeno(1,2,3-cd)pyrene	17.02	276	88244	2.821	ng	# 94
88) Benzo(b)fluoranthene	15.10	252	218677m	7.511	ng	
89) Benzo(k)fluoranthene	15.13	252	73165m	2.922	ng	
90) Benzo(a)pyrene	15.47	252	148356	5.891	ng	97
92) Benzo(g,h,i)perylene	17.47	276	80120	3.359	ng	95

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

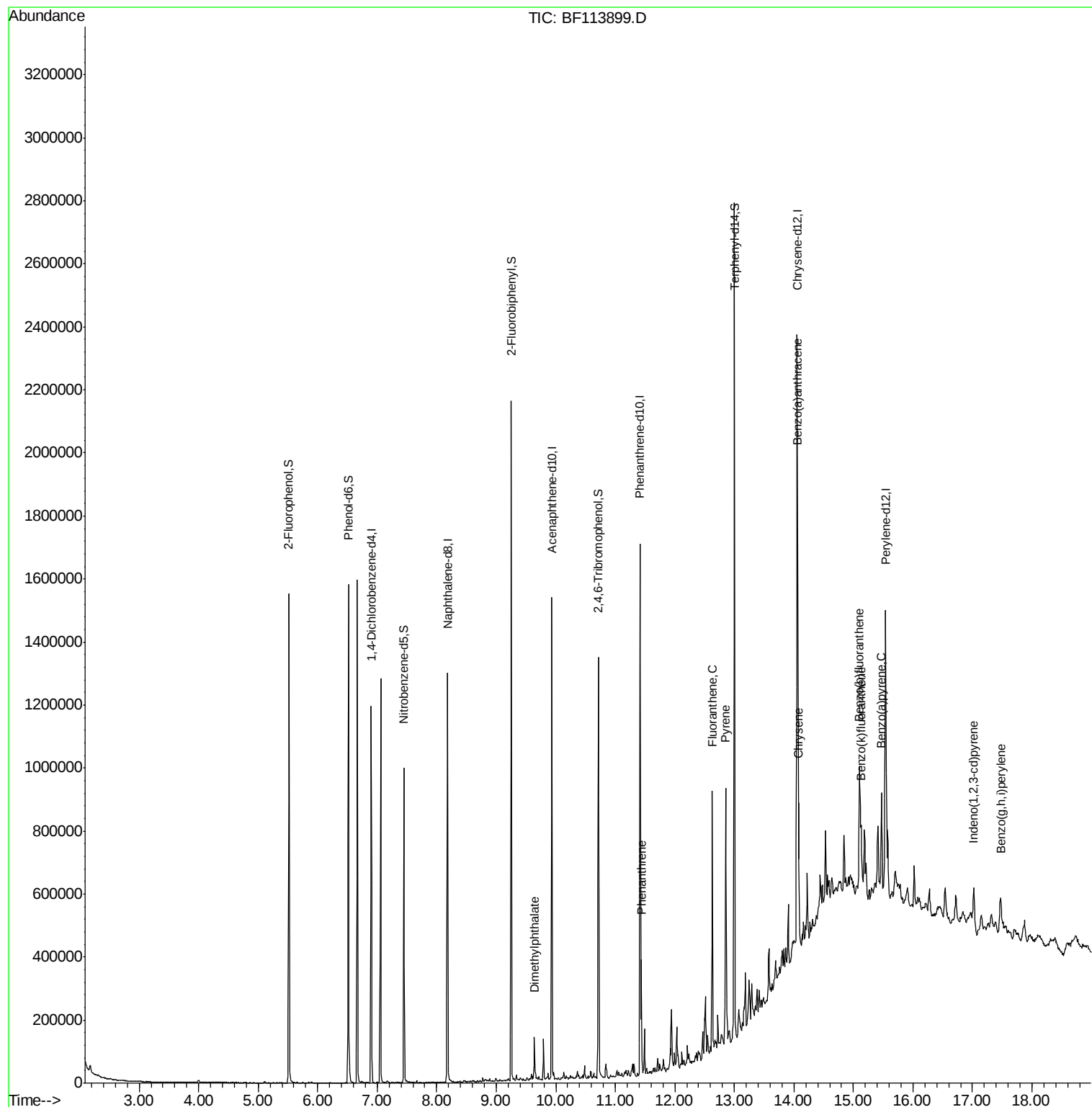
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113899.D
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#1

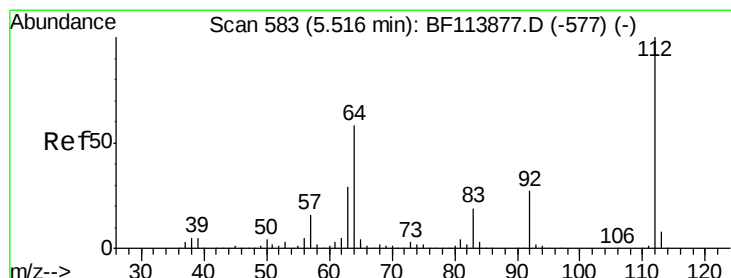
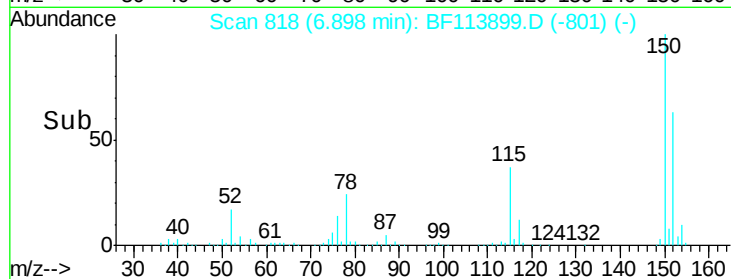
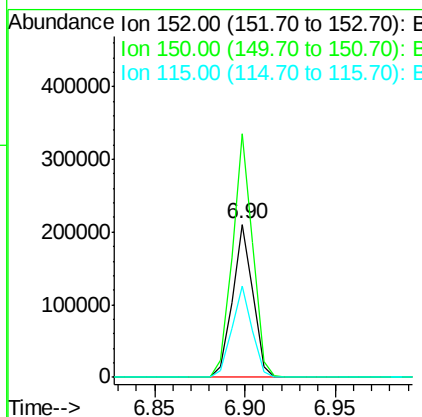
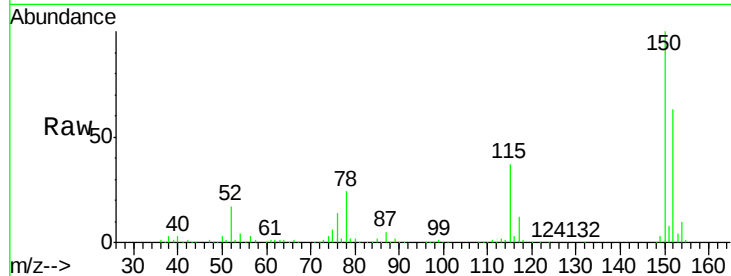
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	164421		
150	158.8	125.9	188.9	
115	59.2	45.9	68.9	

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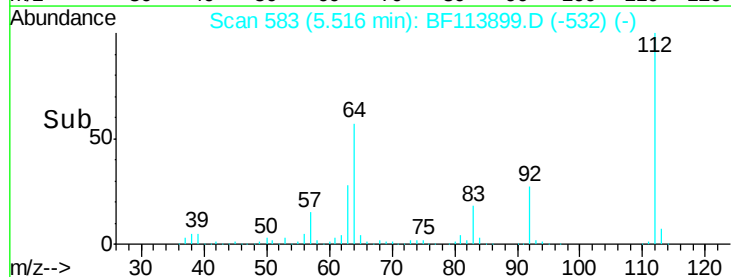
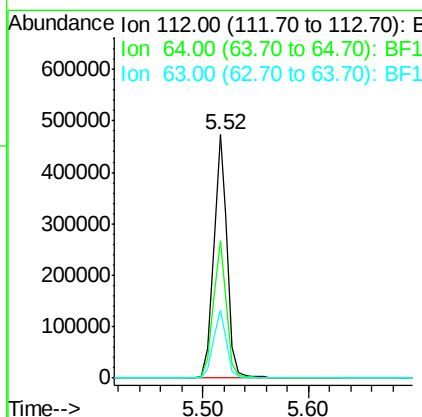
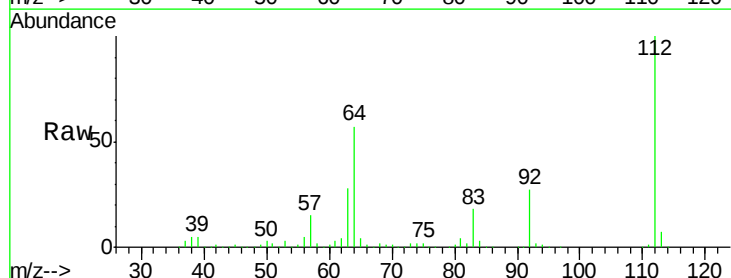
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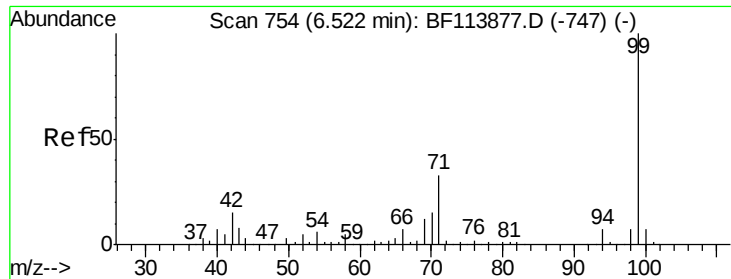


#5

2-Fluorophenol
Concen: 44.526 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	428043		
64	56.7	46.6	69.8	
63	28.0	23.1	34.7	





#7

Phenol-d6

Concen: 43.376 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_F

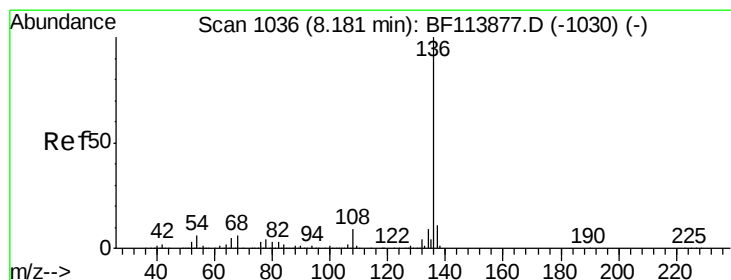
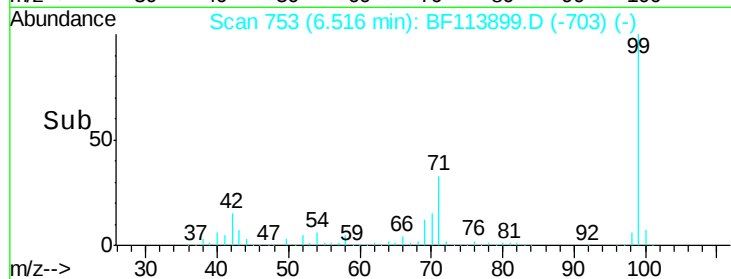
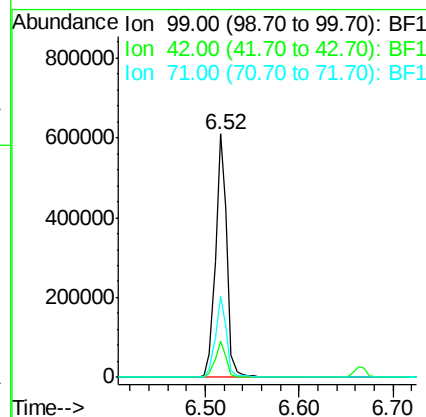
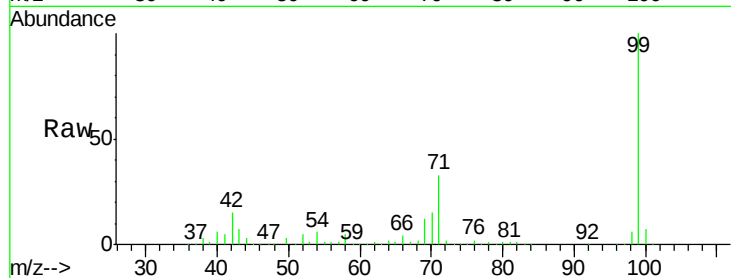
ClientSampleId :

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Tgt Ion:	99	Resp:	523162
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.5	18.7
71	33.2	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

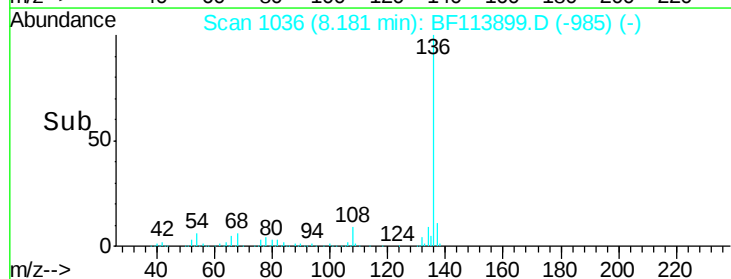
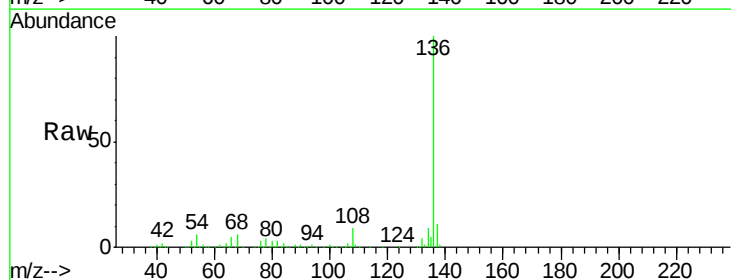
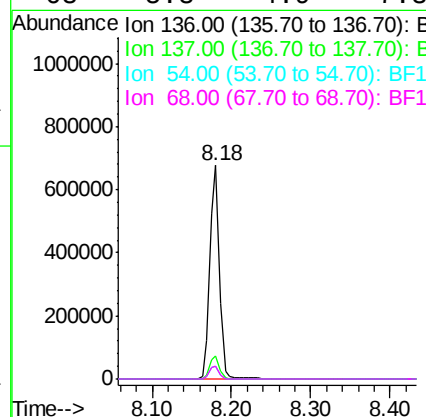
RT: 8.18 min Scan# 1036

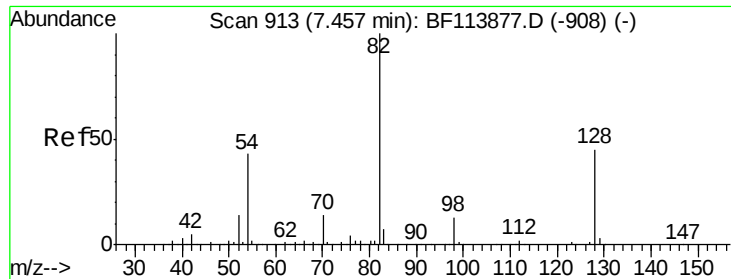
Delta R.T. 0.00 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Tgt Ion:	136	Resp:	577797
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	6.1	5.0	7.6
68	5.8	4.9	7.3





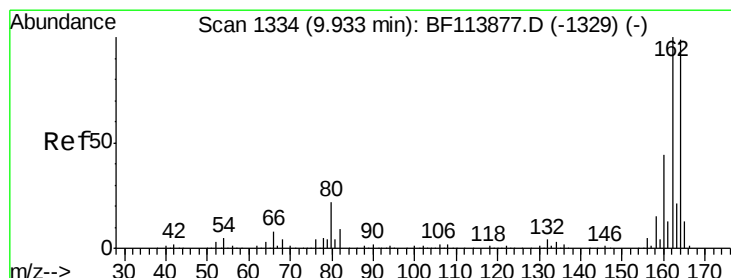
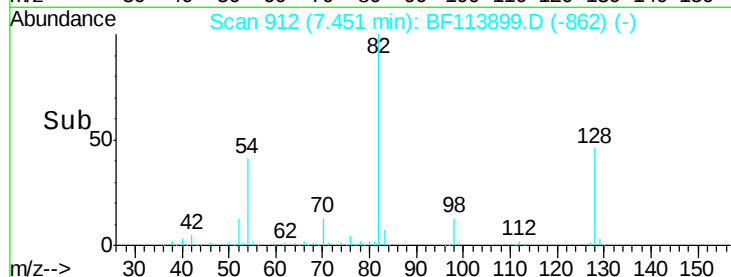
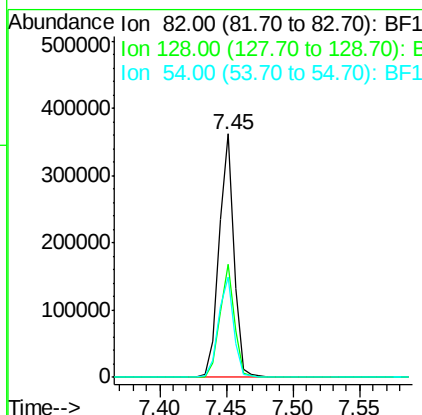
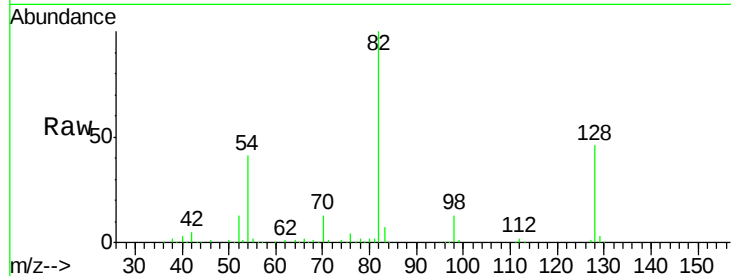
#23
 Nitrobenzene-d5
 Concen: 30.774 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	287982		
128	46.3	36.8	55.2	
54	41.4	33.8	50.6	

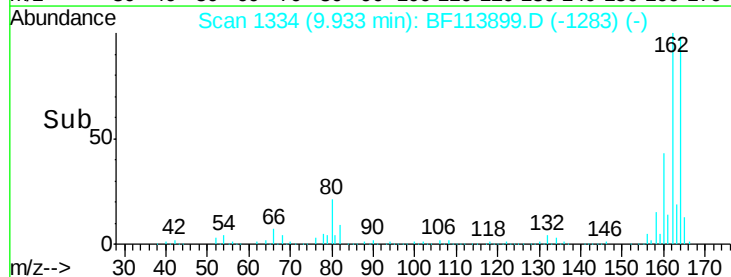
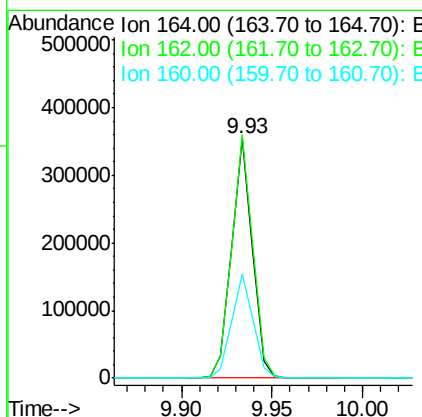
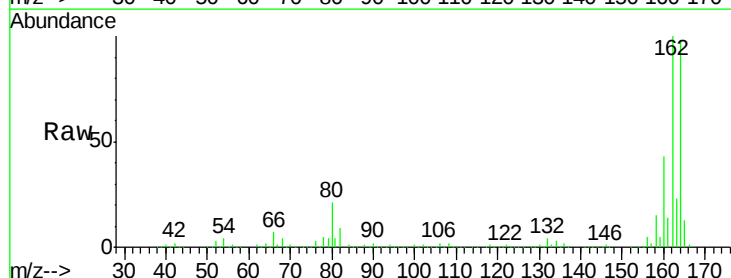
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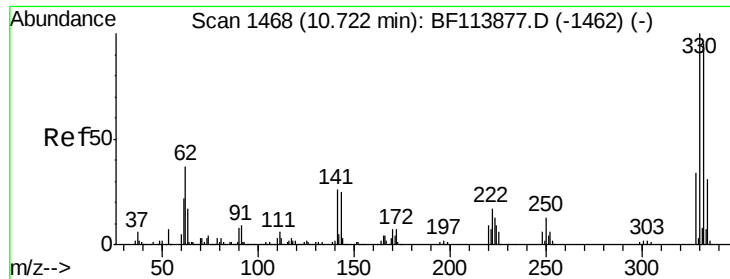
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284056		
162	101.7	81.1	121.7	
160	43.6	35.8	53.6	





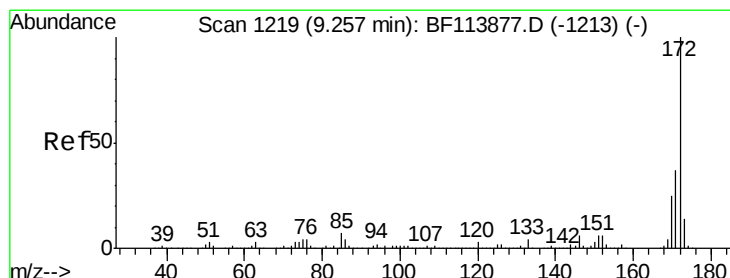
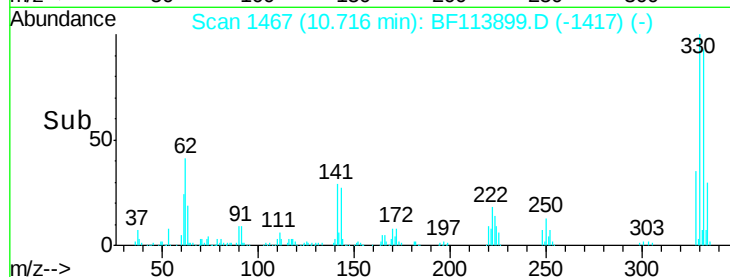
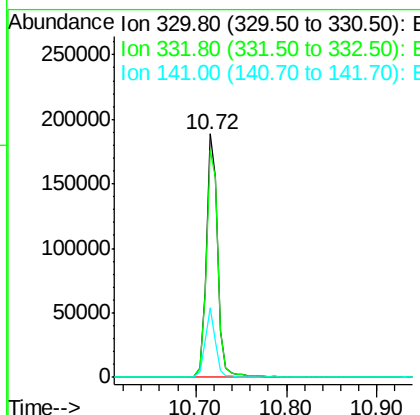
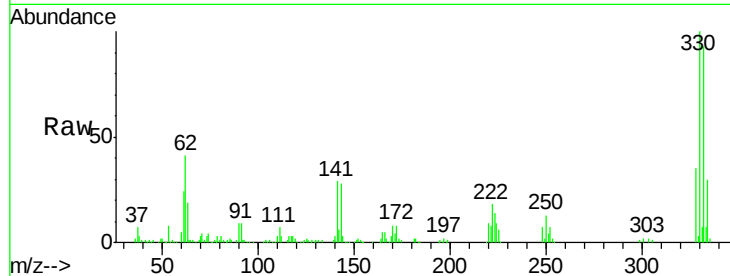
#42
 2,4,6-Tribromophenol
 Concen: 48.900 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	169213		
332	96.2	77.5	116.3	
141	26.5	22.2	33.2	

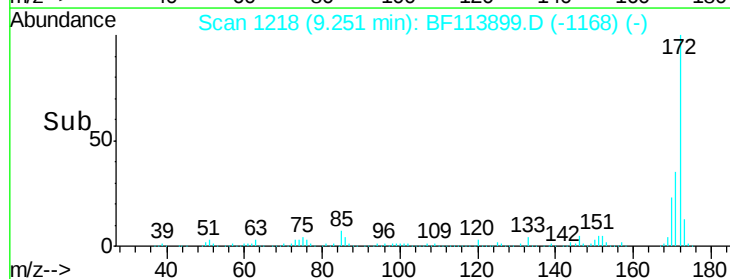
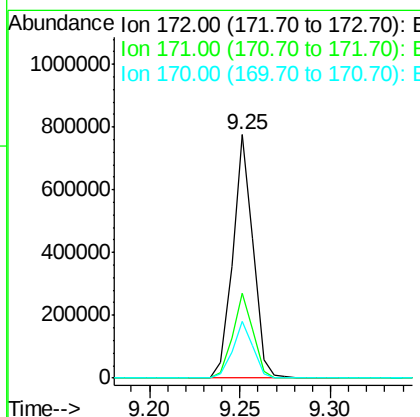
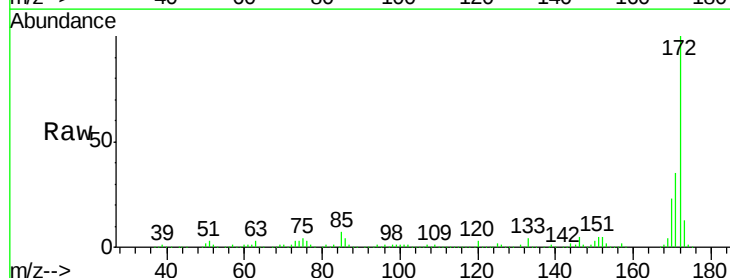
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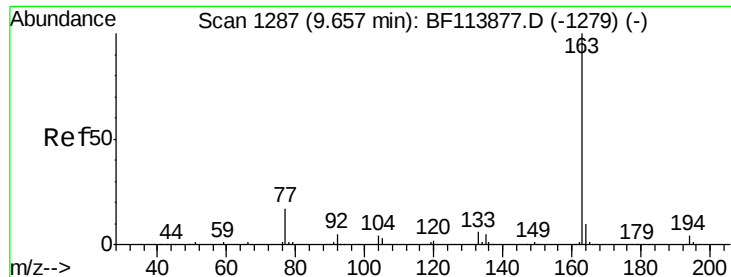
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#45
 2-Fluorobiphenyl
 Concen: 33.203 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	603020		
171	34.7	29.4	44.0	
170	23.4	19.9	29.9	





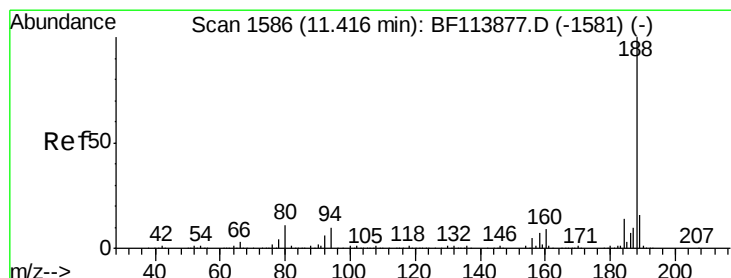
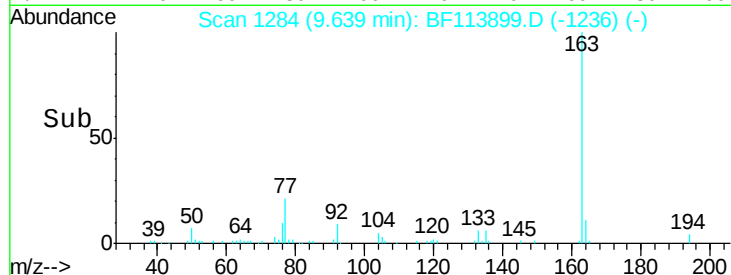
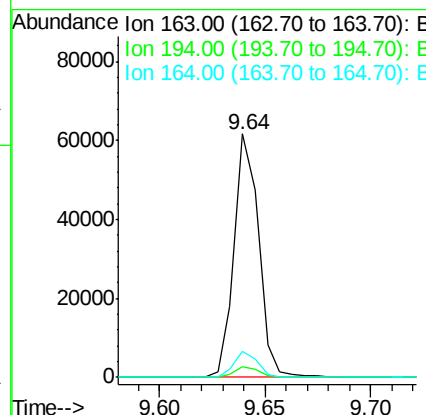
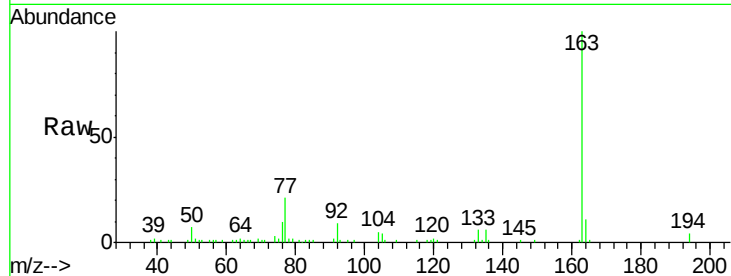
#50
Dimethylphthalate
Concen: 2.395 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	49193		
194	4.2	3.4	5.2	
164	10.8	8.5	12.7	

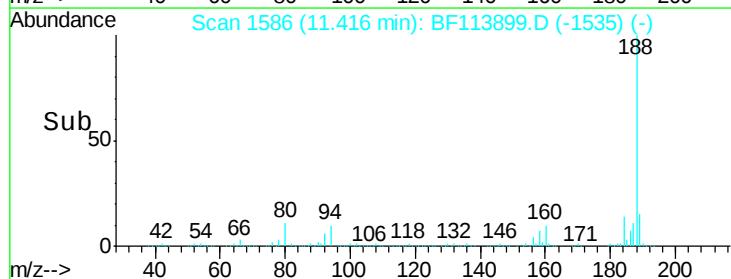
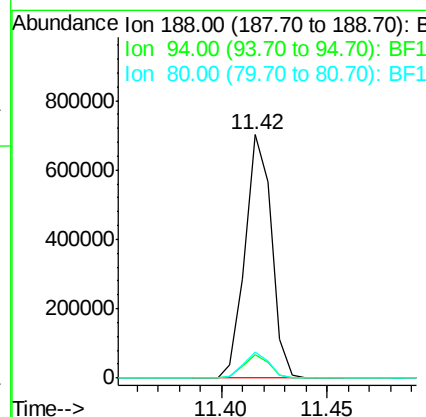
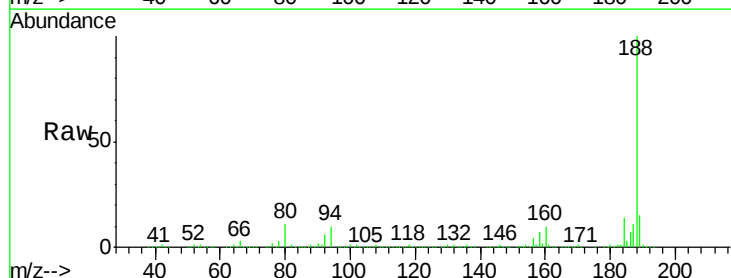
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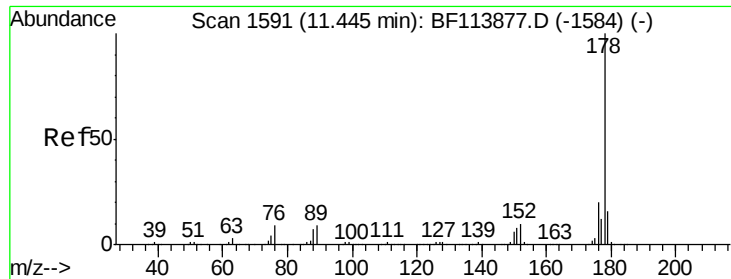
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	609114		
94	9.8	8.2	12.4	
80	10.8	9.0	13.6	





#71

Phenanthrene

Concen: 4.124 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_F

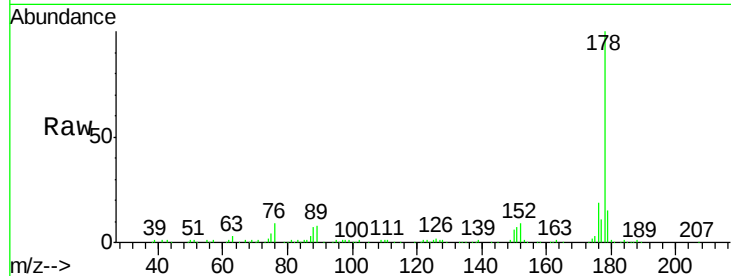
ClientSampleId :

PL-01-041819-C

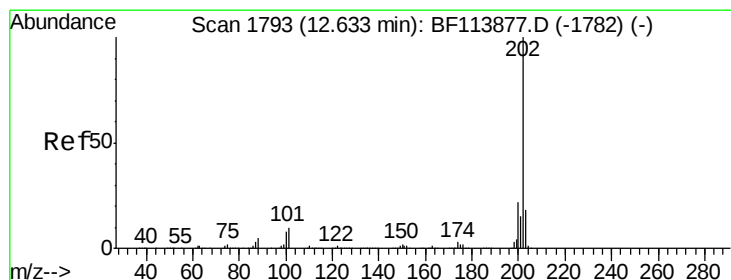
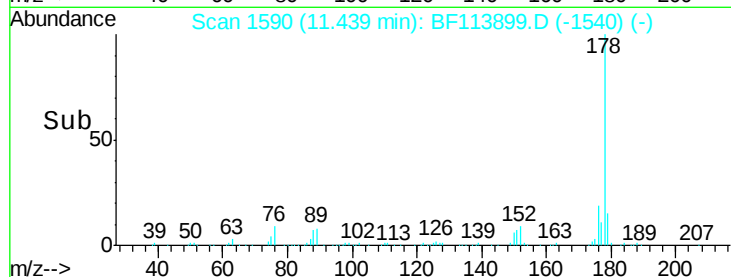
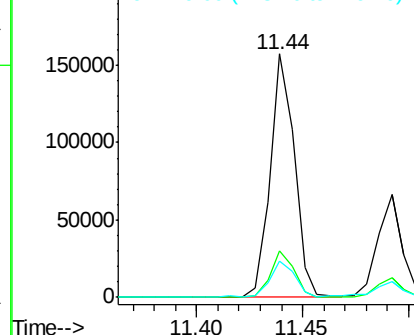
Tgt Ion:	178	Resp:	126253
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.1	24.1
179	14.8	12.8	19.2

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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: 9.685 ng

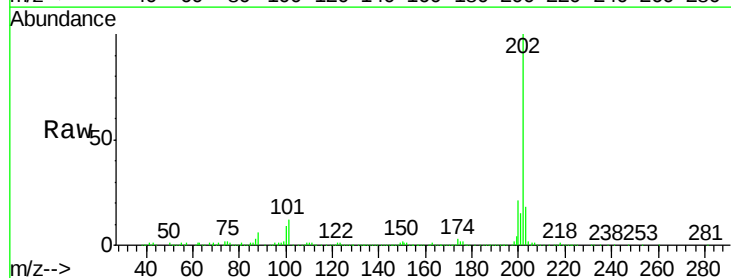
RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

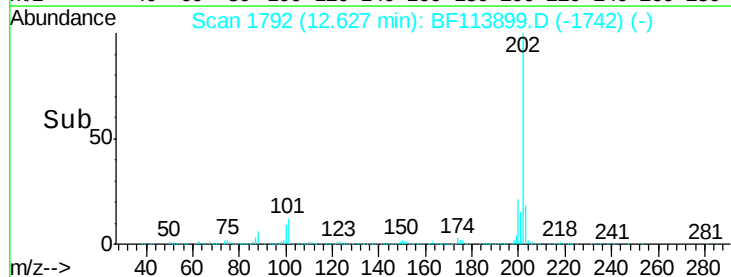
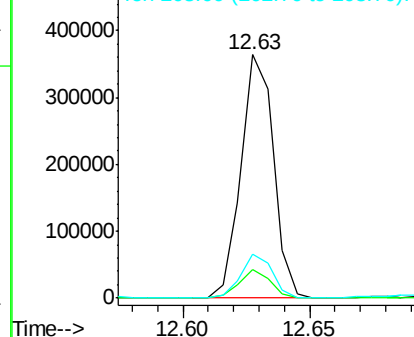
Lab File: BF113899.D

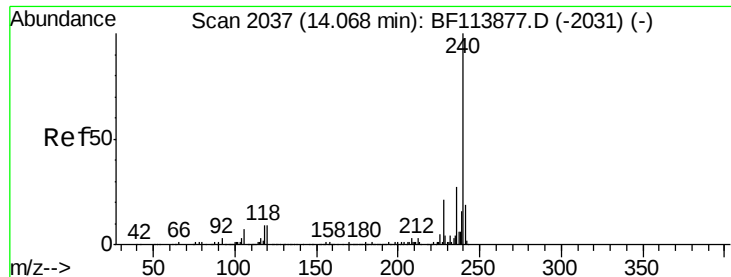
Acq: 23 Apr 2019 00:55

Tgt Ion:	202	Resp:	323461
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.9
203	17.9	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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_F

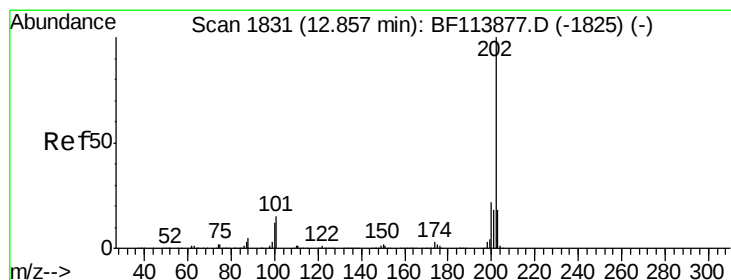
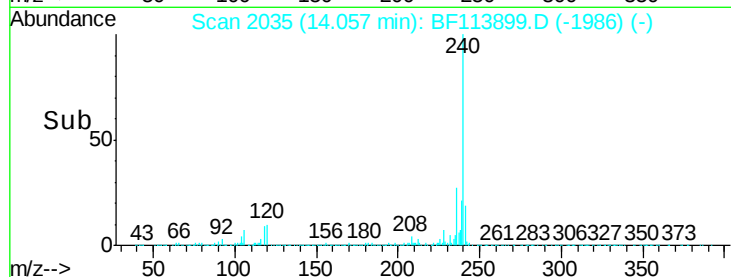
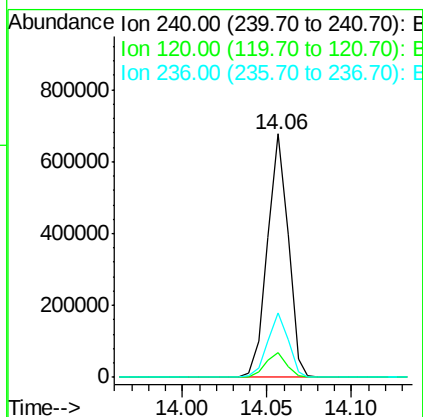
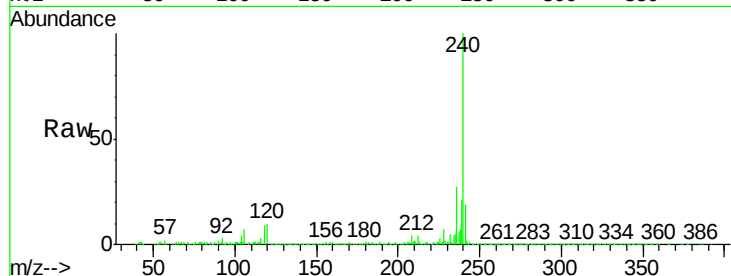
ClientSampleId :

PL-01-041819-C

Tgt Ion:	240	Resp:	575565
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.3	13.9
236	26.7	21.2	31.8

Manual Integrations
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#78

Pyrene

Concen: 7.876 ng

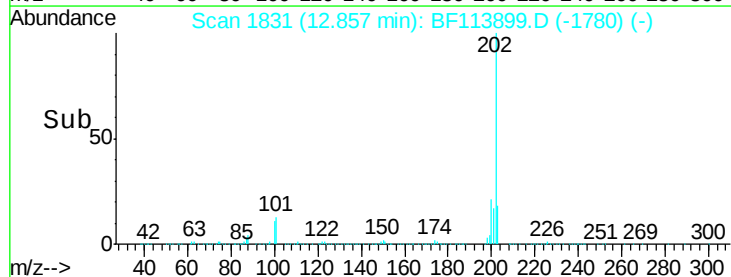
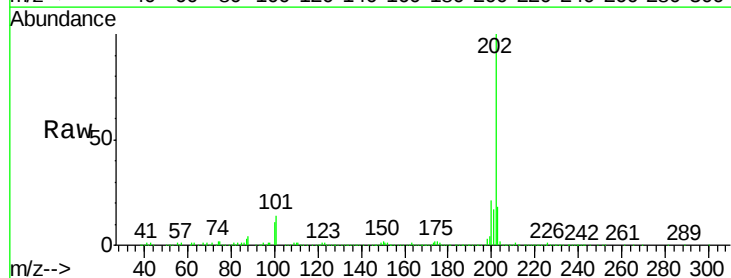
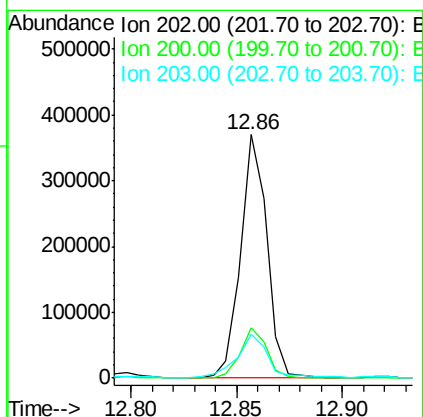
RT: 12.86 min Scan# 1831

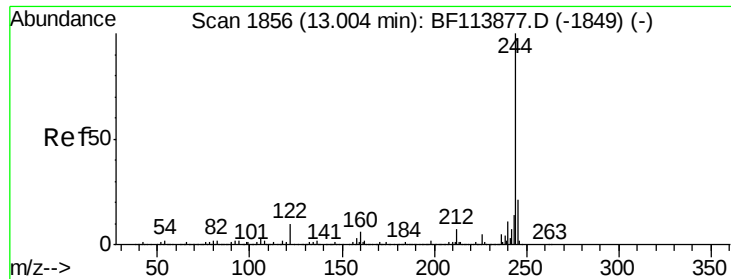
Delta R.T. 0.00 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Tgt Ion:	202	Resp:	317012
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	18.1	15.0	22.6





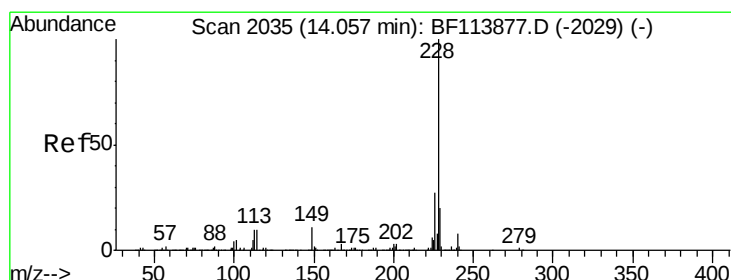
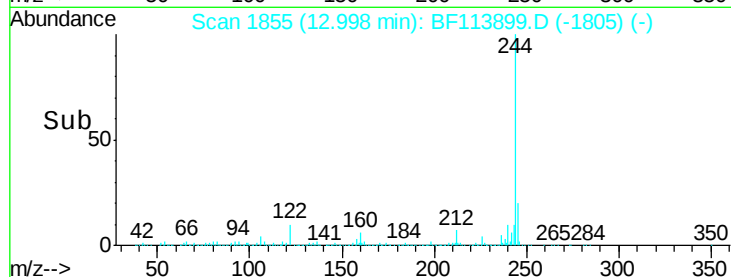
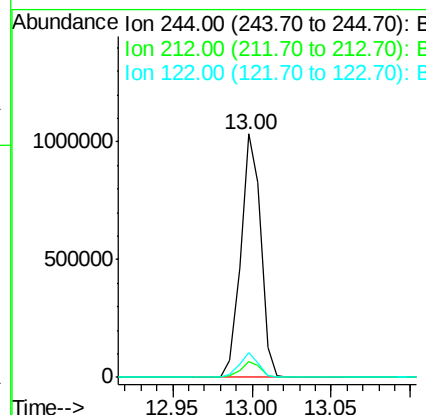
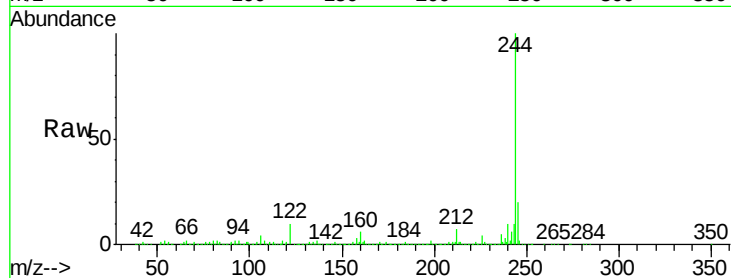
#79
 Terphenyl-d14
 Concen: 32.014 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	898785		
212	6.7		5.4	8.2
122	10.2		7.6	11.4

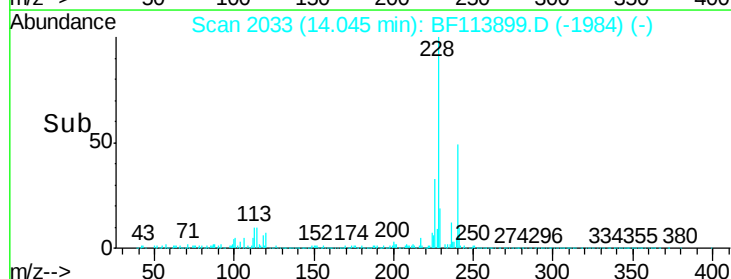
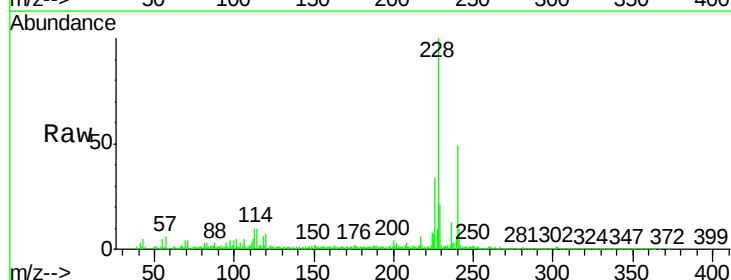
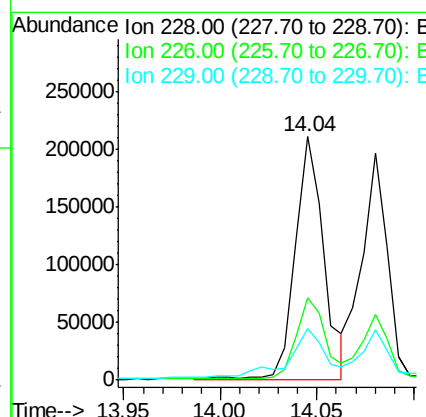
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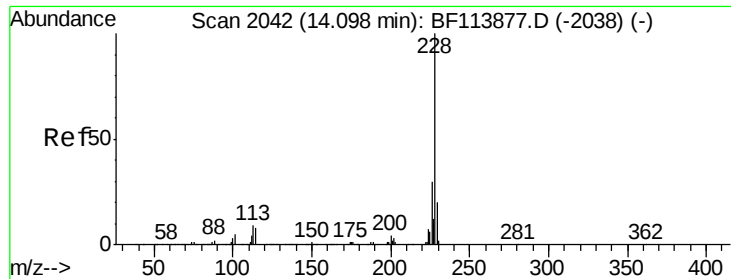
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#81
 Benzo(a)anthracene
 Concen: 6.356 ng m
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF113899.D
 Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	215538		
226	33.6		22.2	33.2#
229	21.0		16.0	24.0





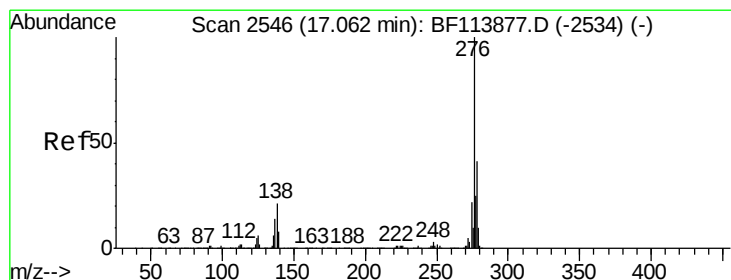
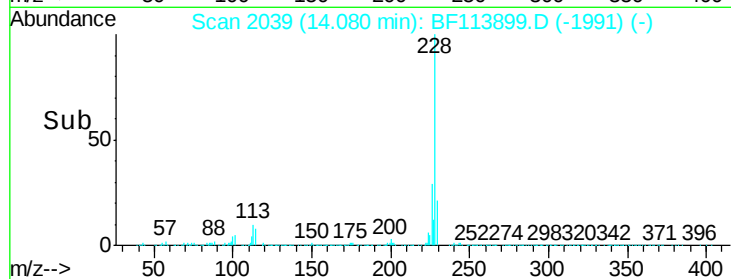
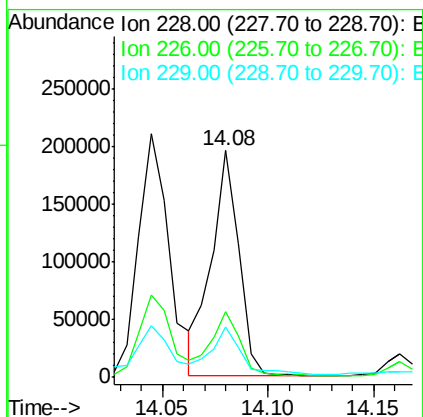
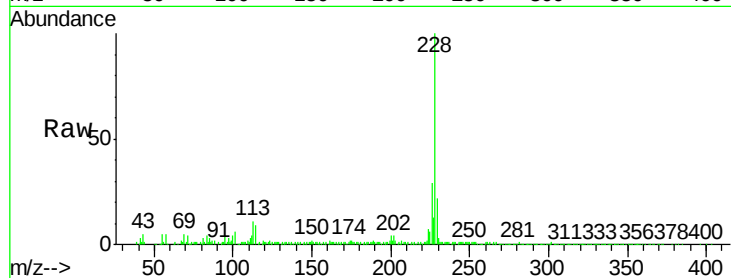
#83
Chrysene
Concen: 5.404 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	178485		
226	29.2	25.2	37.8	
229	21.9	16.7	25.1	

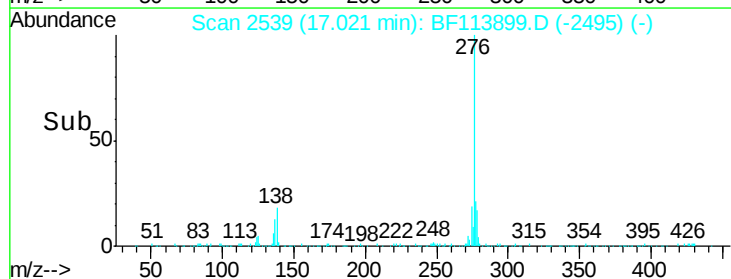
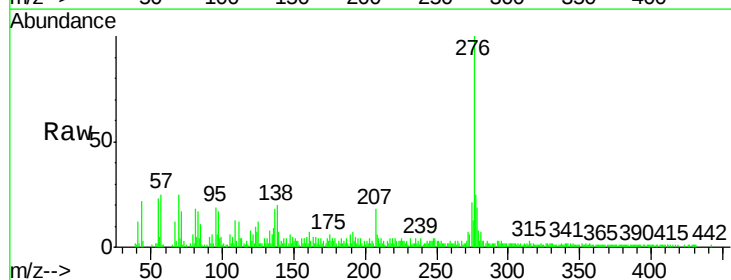
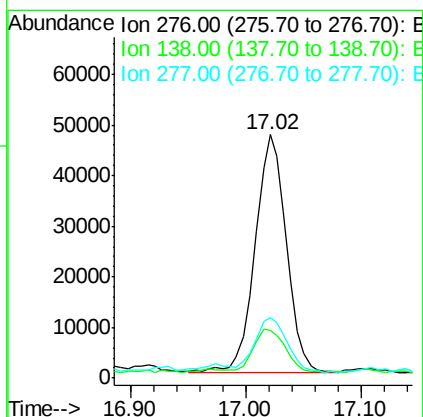
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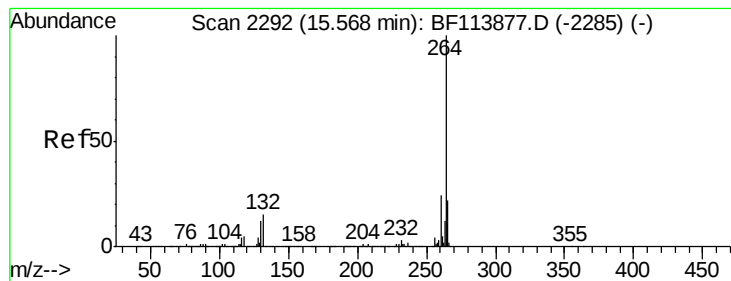
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.821 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	88244		
138	19.0	19.6	29.4#	
277	24.3	20.2	30.4	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Instrument :

BNA_F

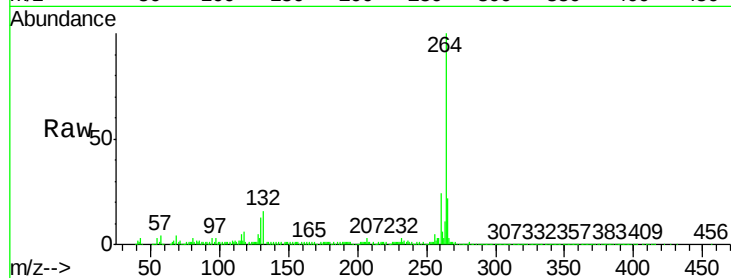
ClientSampleId :

PL-01-041819-C

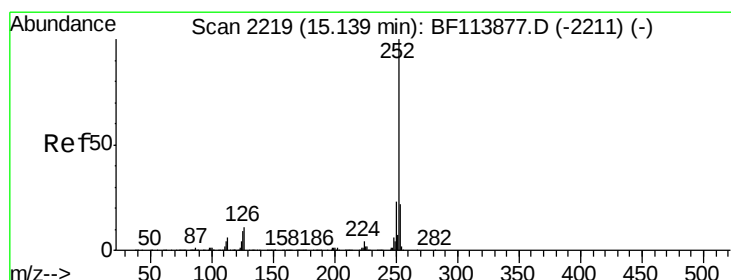
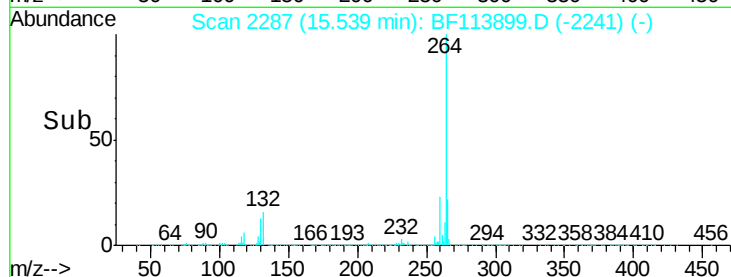
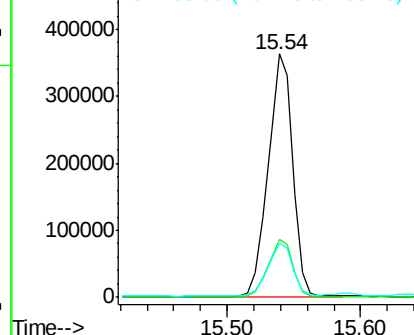
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.2	17.3	25.9

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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: 7.511 ng m

RT: 15.10 min Scan# 2213

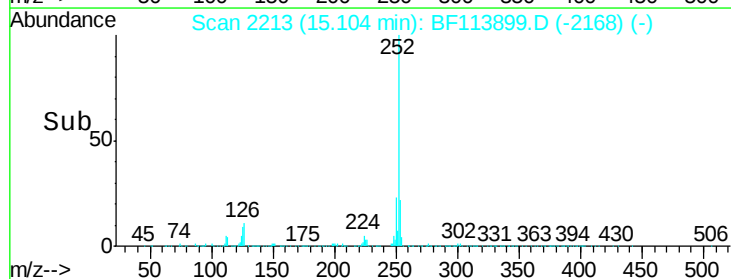
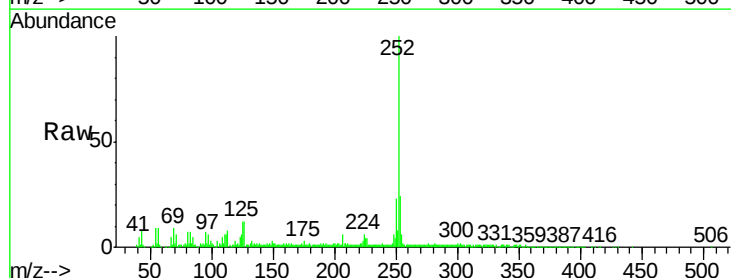
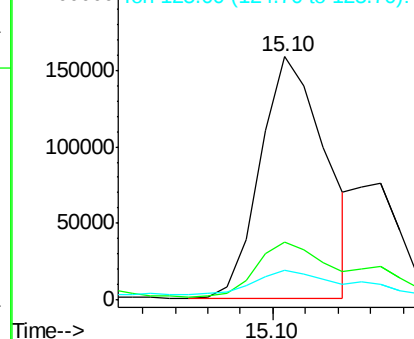
Delta R.T. -0.04 min

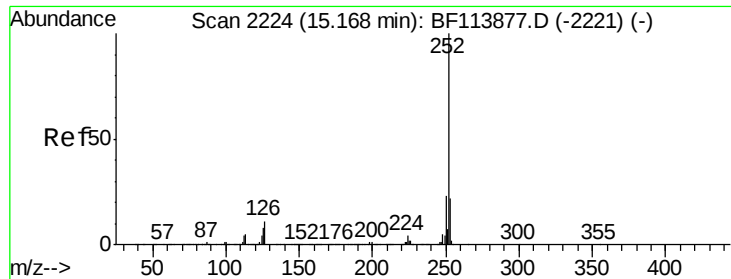
Lab File: BF113899.D

Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	12.3	7.0	10.6#

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





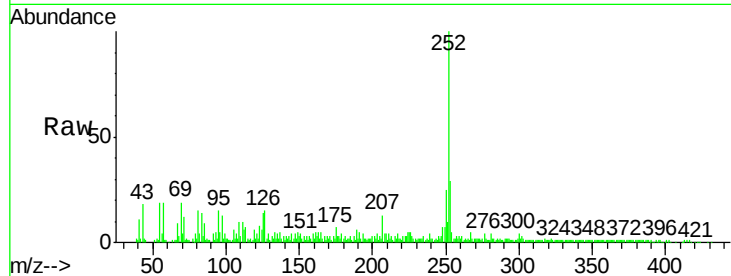
#89
Benzo(k)fluoranthene
Concen: 2.922 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

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

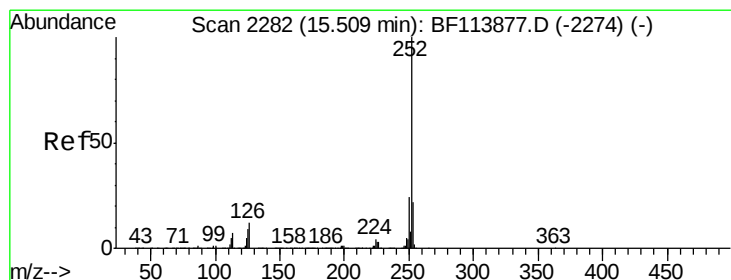
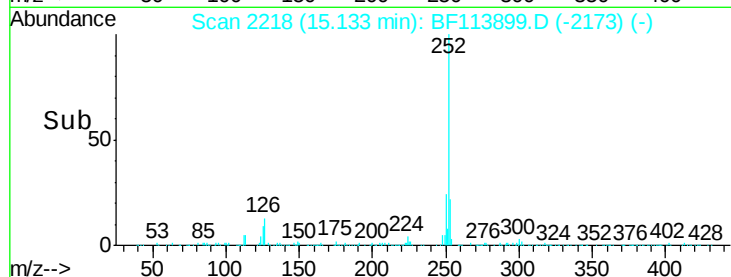
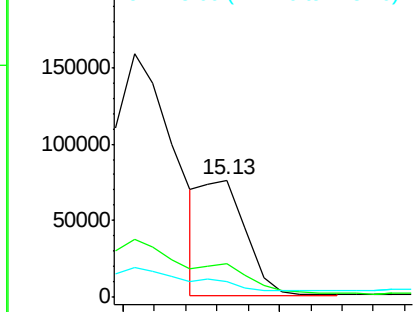
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.2	27.2#
125	14.0	7.4	11.2#

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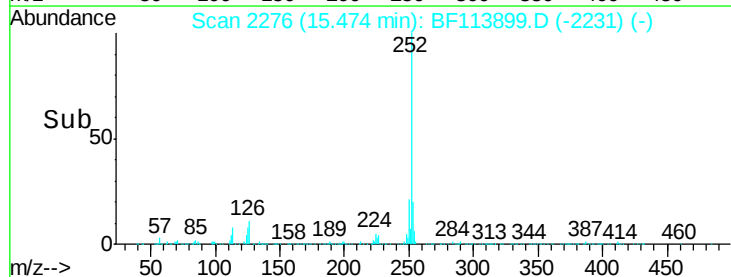
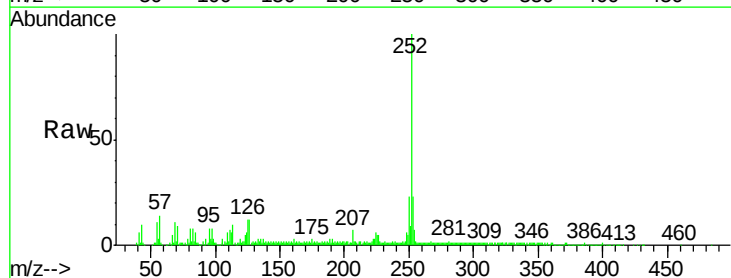
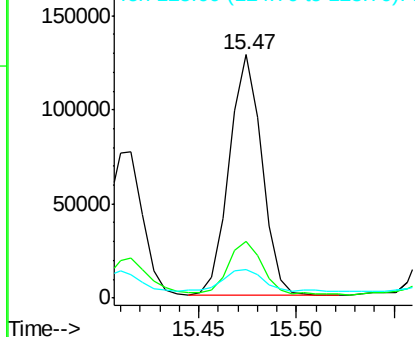
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

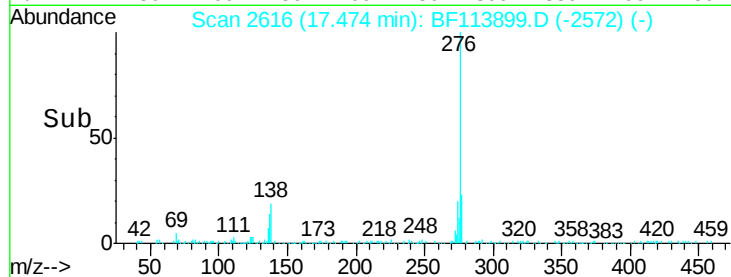
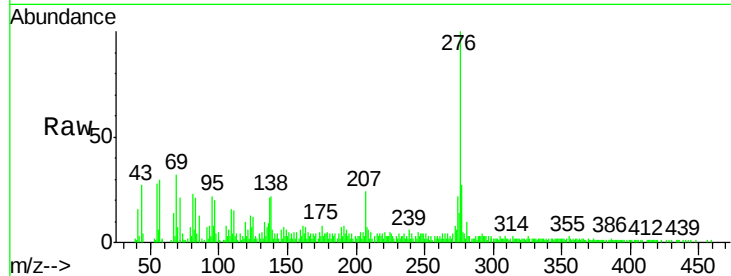
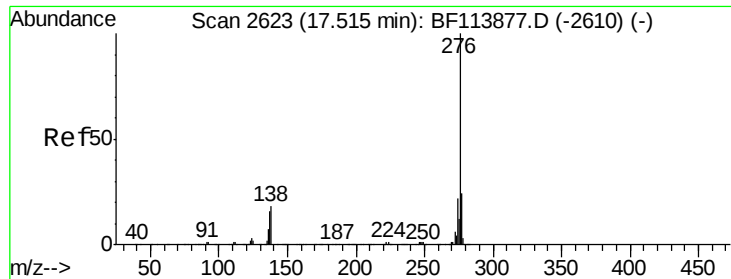


#90
Benzo(a)pyrene
Concen: 5.891 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.9	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





#92
Benzo(g,h,i)perylene
Concen: 3.359 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF113899.D
Acq: 23 Apr 2019 00:55

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	21.6	16.6	25.0

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