

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113473.D
 Acq On : 1 Apr 2019 18:22
 Operator : JU/SJ
 Sample : K2185-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW(0-10)

Manual Integrations
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Sohil
 4/2/2019 3:49:30 PM

Quant Time: Apr 02 02:08:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	143559	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	535904	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	242414	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	430444	20.00	ng	0.00
76) Chrysene-d12	13.84	240	383611	20.00	ng	0.00
87) Perylene-d12	15.26	264	325186	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	840015	95.68	ng	0.00
7) Phenol-d6	6.36	99	1086310	97.81	ng	0.00
23) Nitrobenzene-d5	7.27	82	669260	74.12	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	275117	91.88	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1008545	60.03	ng	0.00
79) Terphenyl-d14	12.79	244	902259	51.84	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.46	163	74856	4.167	ng	99
71) Phenanthrene	11.24	178	270503	12.655	ng	99
72) Anthracene	11.29	178	76205	3.510	ng	98
74) Di-n-butylphthalate	11.77	149	62528	2.603	ng	99
75) Fluoranthene	12.42	202	558733	23.121	ng	99
78) Pyrene	12.65	202	534962	20.124	ng	99
81) Benzo(a)anthracene	13.83	228	330903	15.069	ng	99
83) Chrysene	13.87	228	314859	14.117	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	131710	6.881	ng	97
88) Benzo(b)fluoranthene	14.86	252	415656m	20.577	ng	
89) Benzo(k)fluoranthene	14.88	252	126315m	7.120	ng	
90) Benzo(a)pyrene	15.20	252	263207	14.697	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	39168	2.529	ng	# 77
92) Benzo(g,h,i)perylene	17.03	276	129291	8.281	ng	96

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

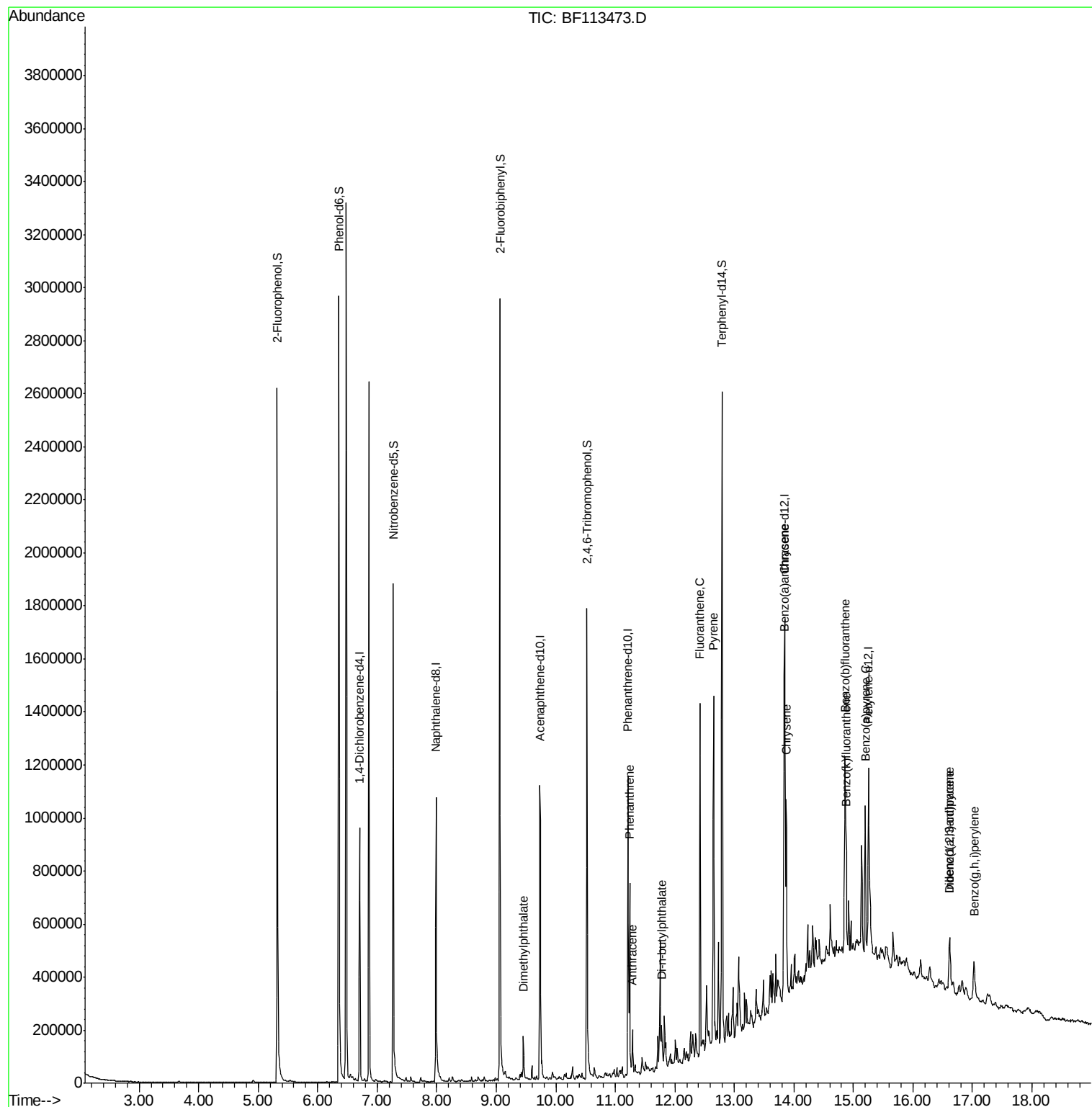
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113473.D
Acq On : 1 Apr 2019 18:22
Operator : JU/SJ
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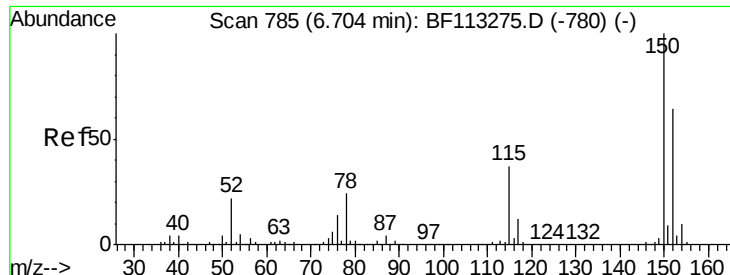
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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#1

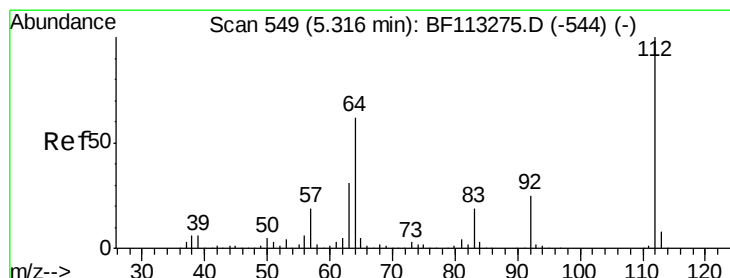
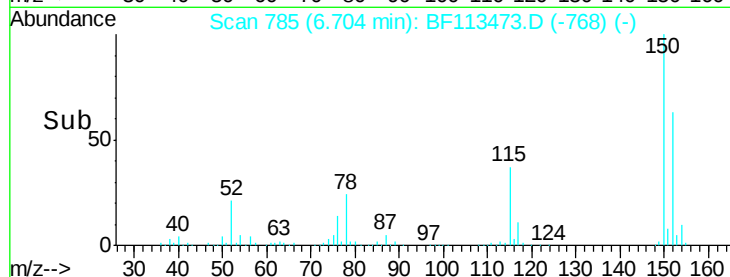
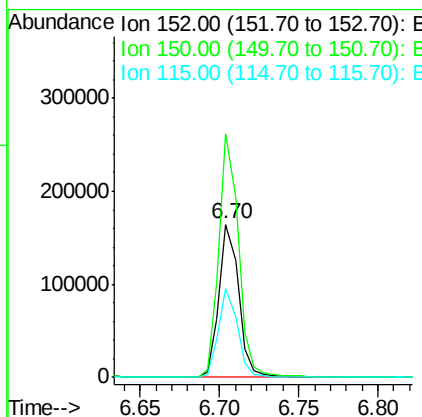
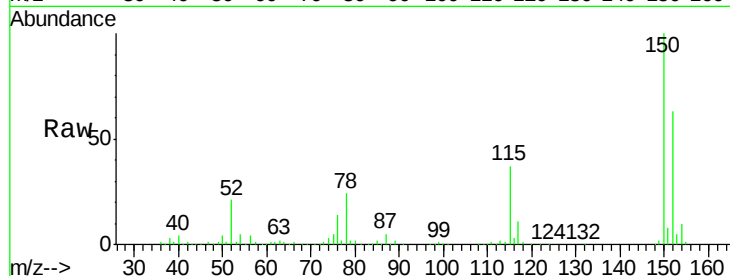
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P-4-OW(0-10)

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		143559		
150	158.8	124.7	187.1		
115	58.2	46.0	69.0		

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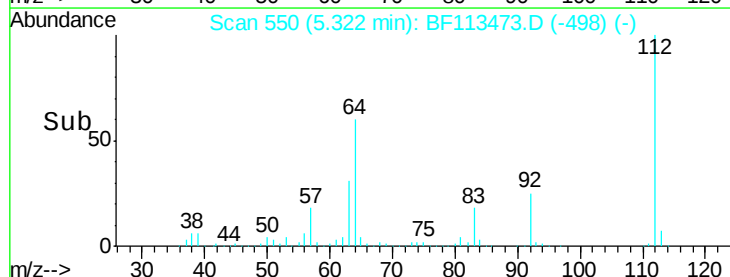
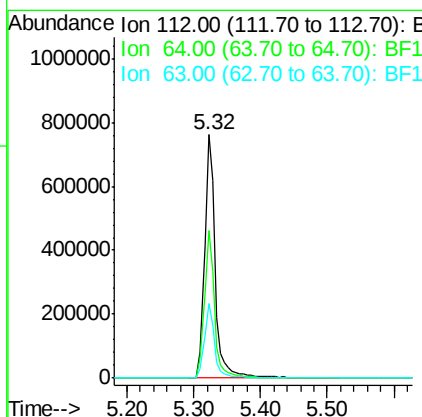
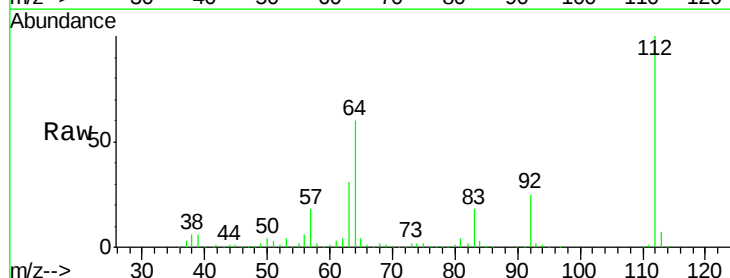
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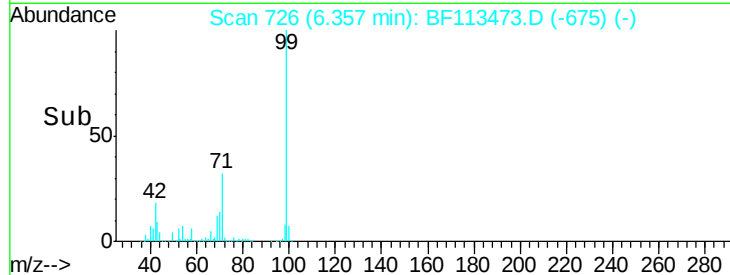
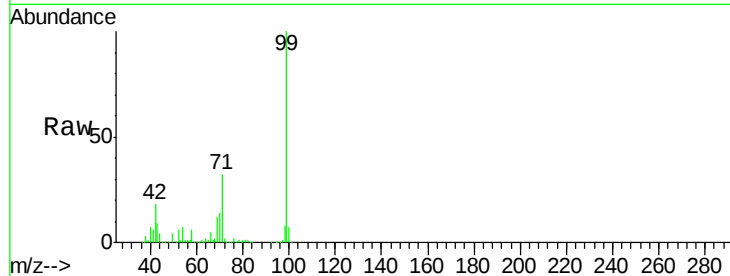


#5

2-Fluorophenol
Concen: 95.677 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		840015		
64	60.5	49.2	73.8		
63	30.6	24.9	37.3		





#7

Phenol-d6

Concen: 97.806 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Tgt Ion:	99	Resp:	1086310
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	31.8	24.9	37.3

Instrument :

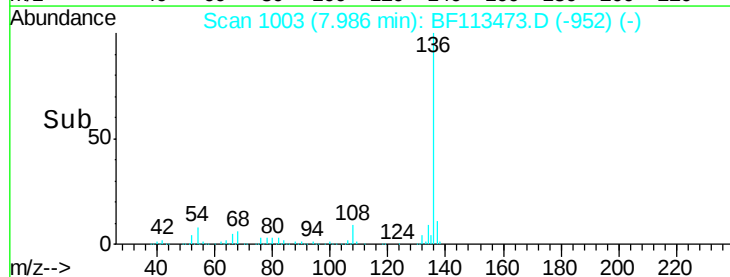
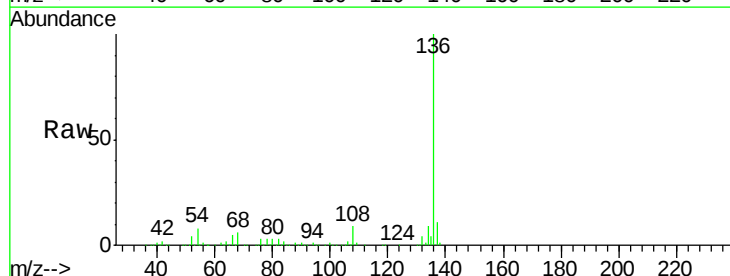
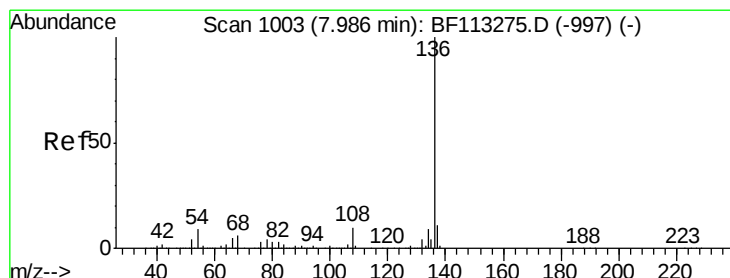
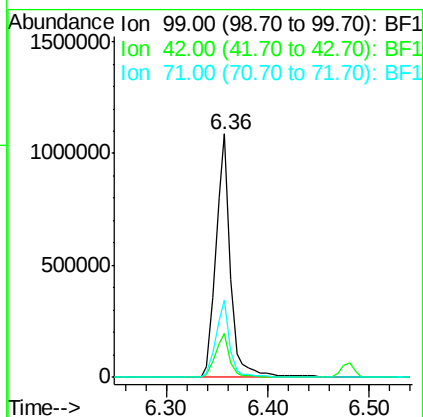
BNA_F

ClientSampleId :

P-4-OW(0-10)

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#21

Naphthalene-d8

Concen: 20.000 ng

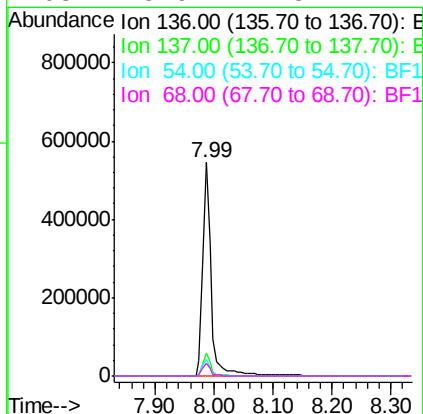
RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Tgt Ion:	136	Resp:	535904
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	7.0	10.6
68	5.9	4.8	7.2





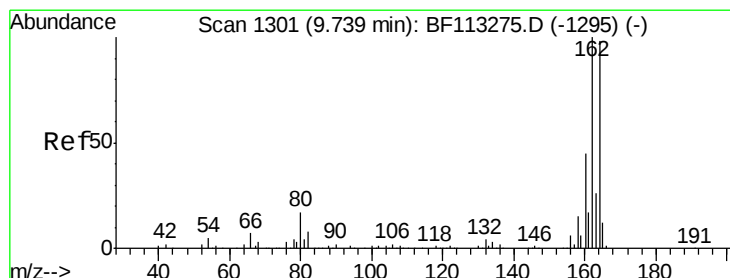
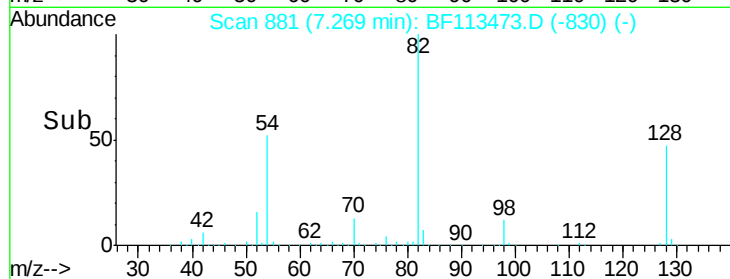
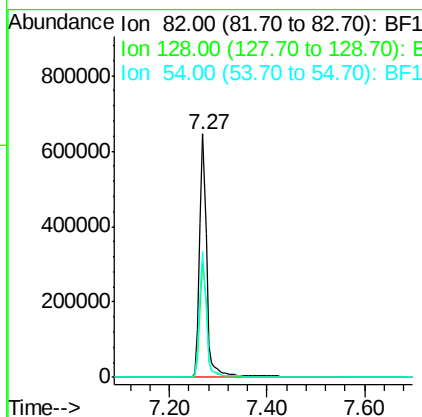
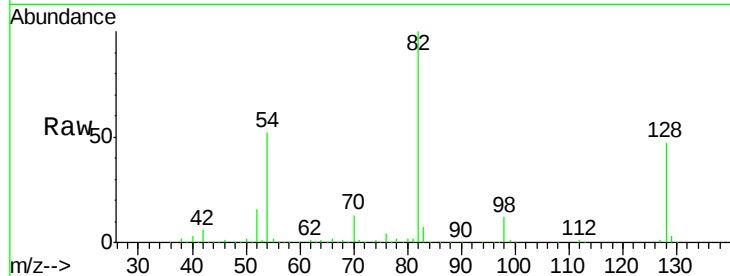
#23
 Nitrobenzene-d5
 Concen: 74.124 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW(0-10)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	669260		
128	47.0	36.5	54.7	
54	51.9	42.2	63.2	

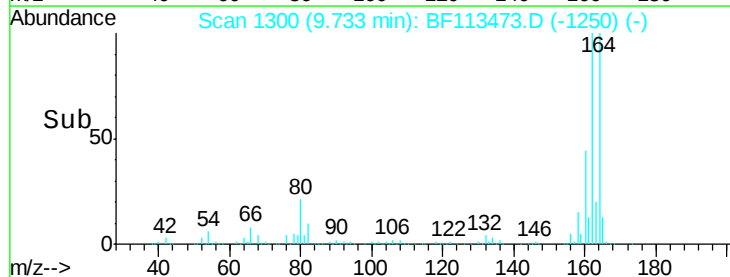
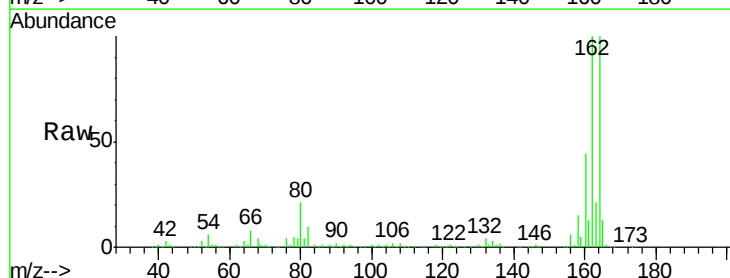
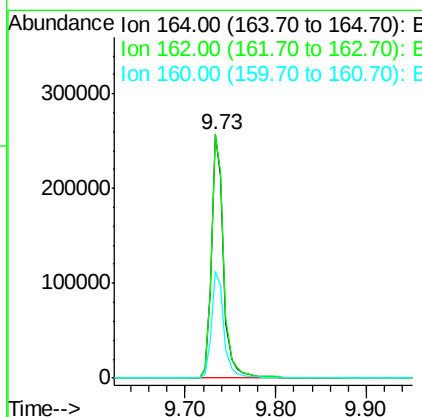
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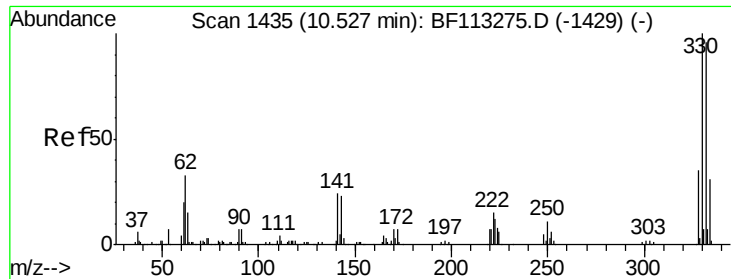
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	242414		
162	100.2	81.8	122.6	
160	44.1	36.4	54.6	





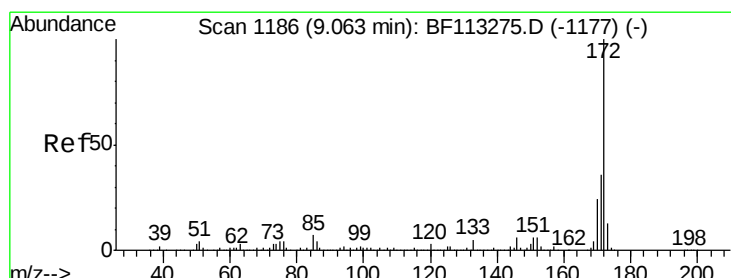
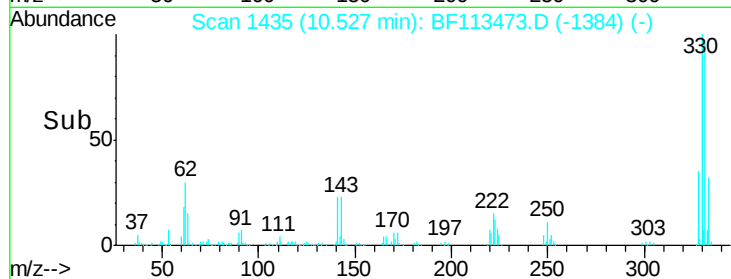
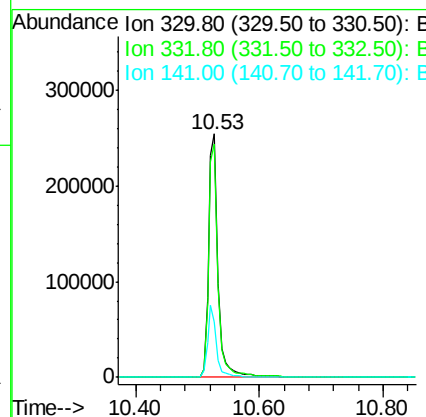
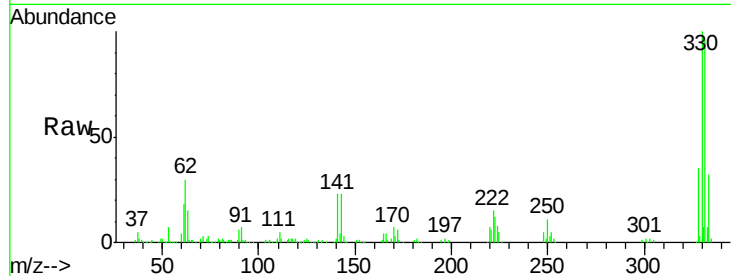
#42
 2,4,6-Tribromophenol
 Concen: 91.878 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW(0-10)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275117		
332	95.8	77.8	116.6	
141	28.5	22.7	34.1	

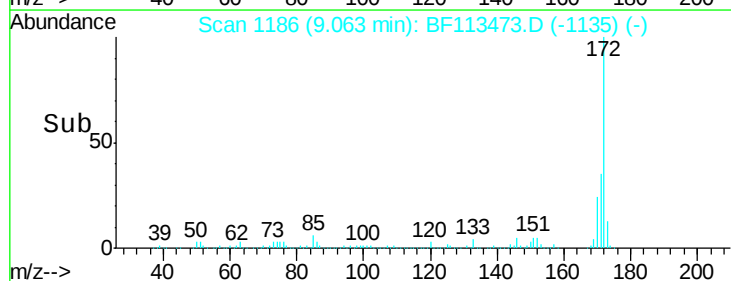
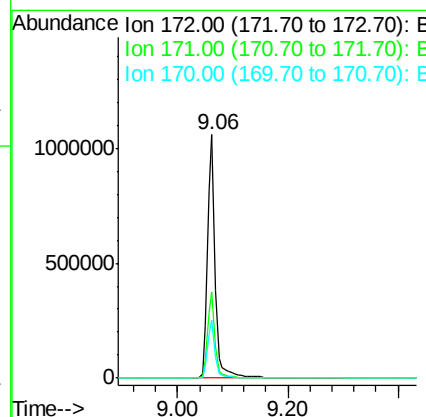
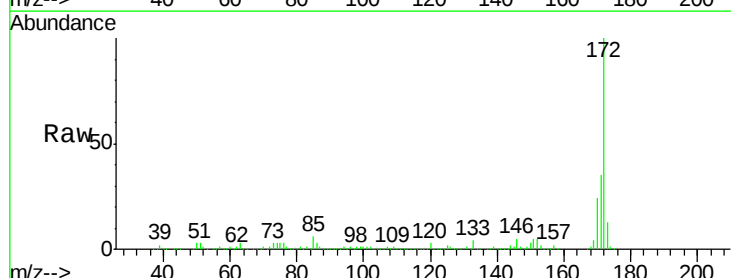
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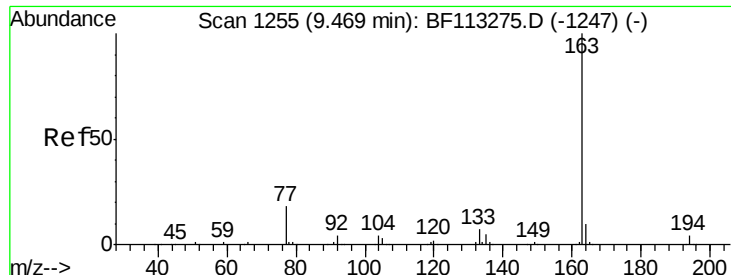
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#45
 2-Fluorobiphenyl
 Concen: 60.027 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008545		
171	35.2	29.0	43.6	
170	23.9	19.5	29.3	





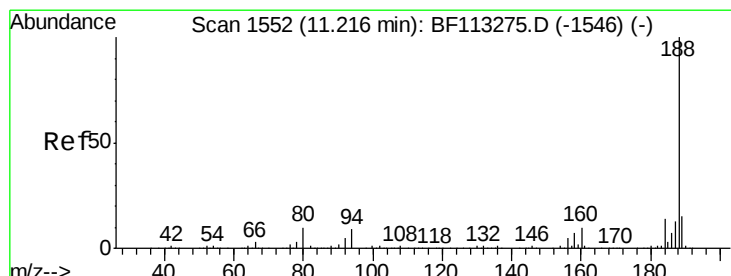
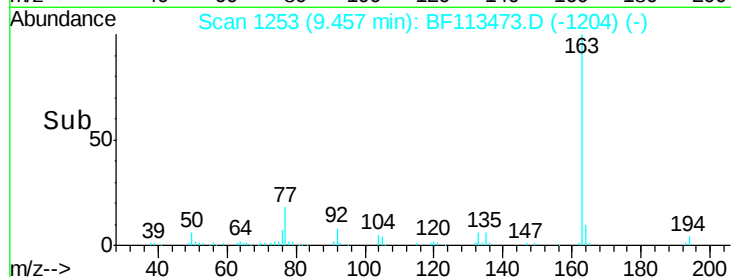
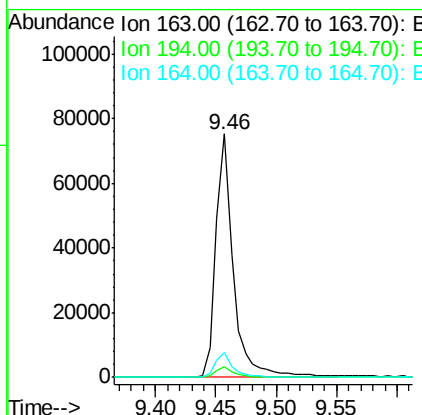
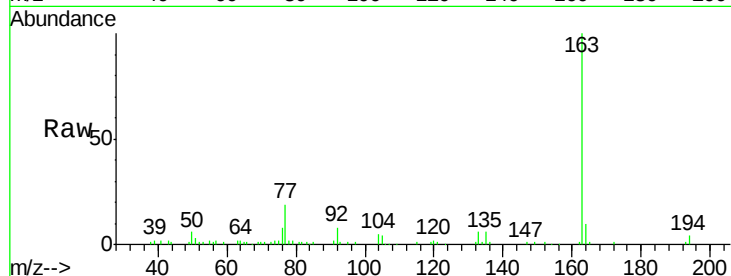
#50
Dimethylphthalate
Concen: 4.167 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P-4-OW(0-10)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	74856		
194	4.2		3.0	4.6
164	10.3		8.1	12.1

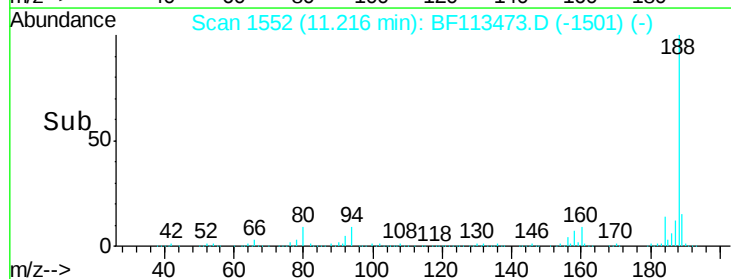
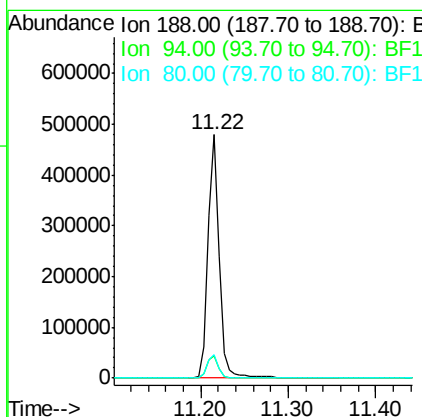
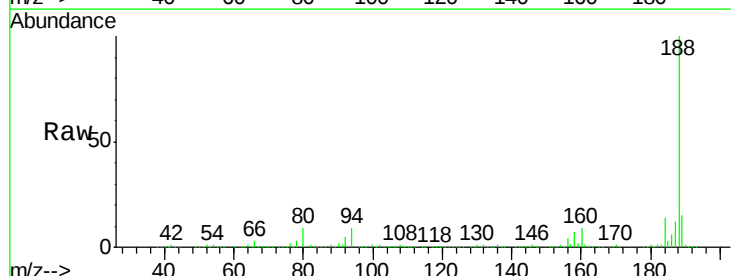
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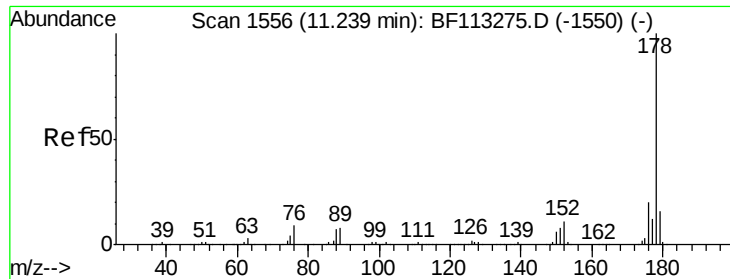
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	430444		
94	8.9		7.0	10.6
80	9.5		7.7	11.5





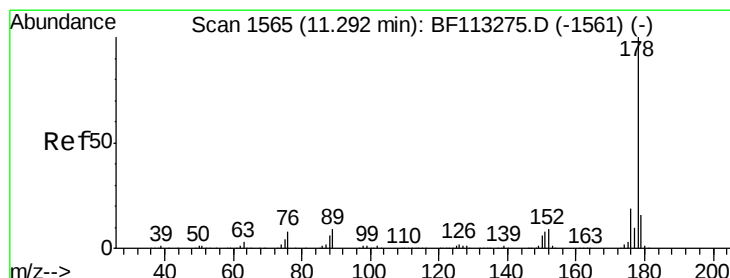
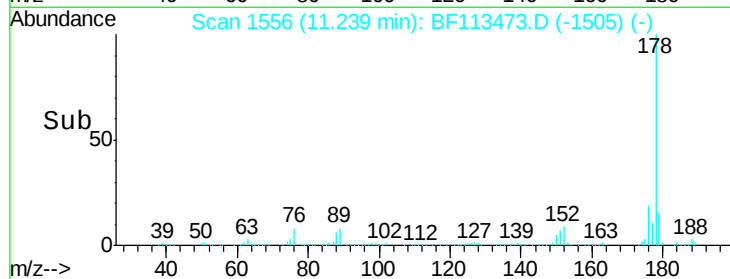
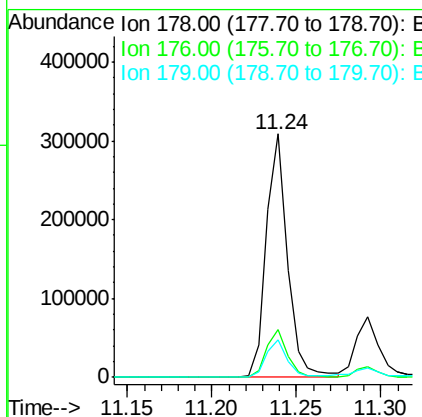
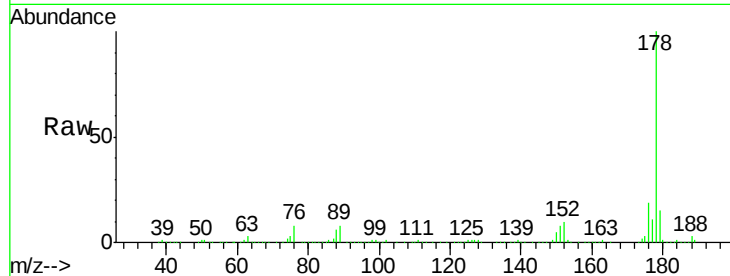
#71
 Phenanthrene
 Concen: 12.655 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW(0-10)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.5	12.7	19.1

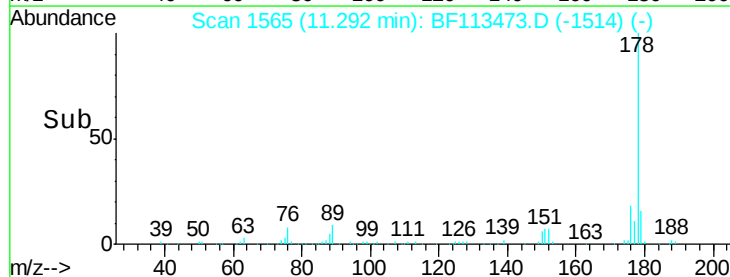
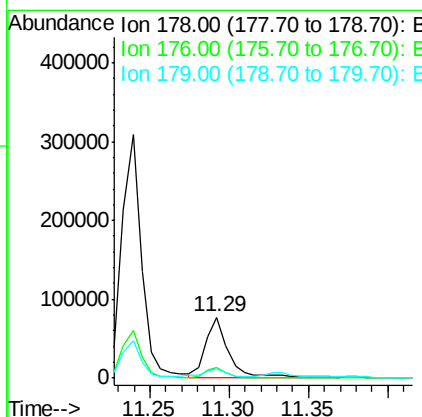
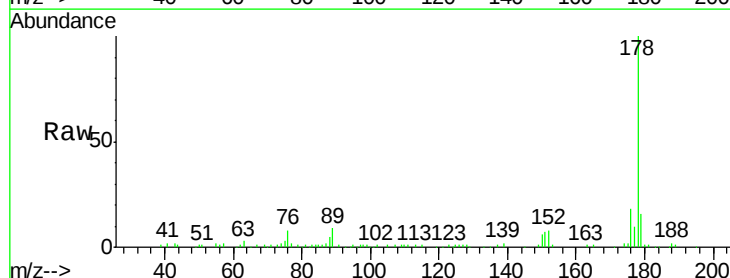
Manual Integrations
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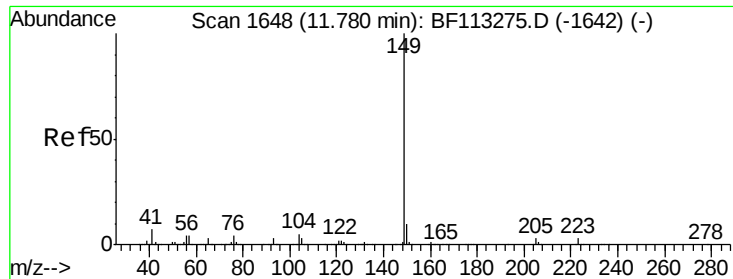
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#72
 Anthracene
 Concen: 3.510 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF113473.D
 Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.7	12.8	19.2





#74

Di-n-butylphthalate

Concen: 2.603 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Instrument :

BNA_F

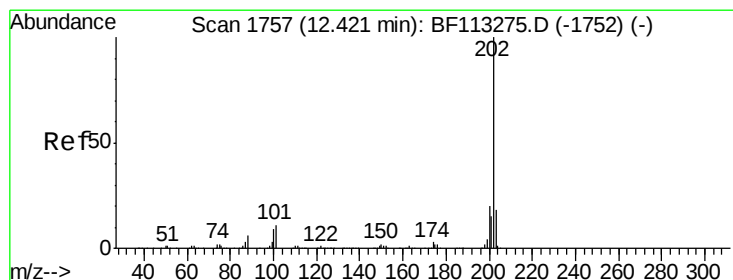
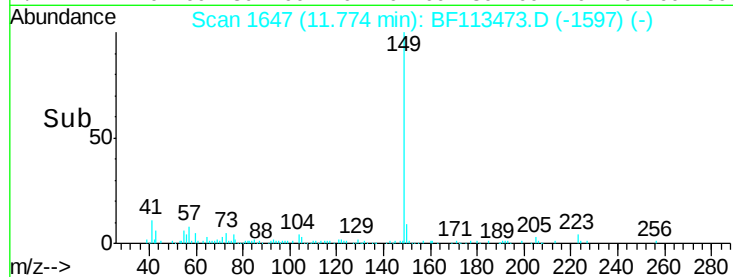
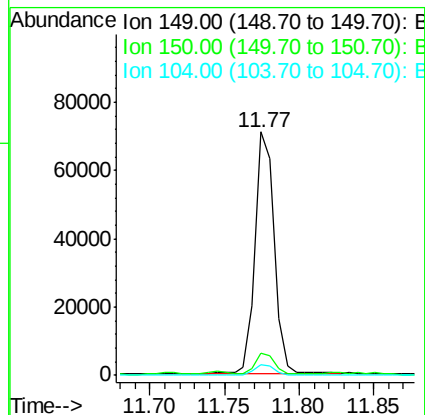
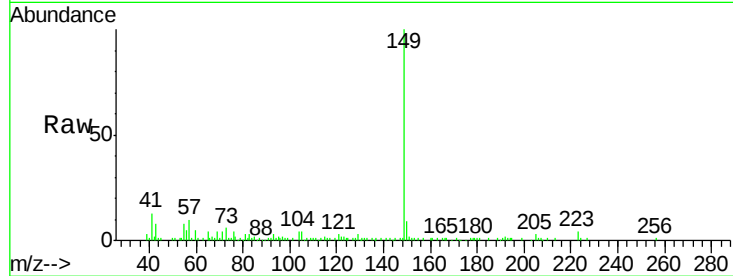
ClientSampleId :

P-4-OW(0-10)

Tgt Ion:	149	Resp:	62528
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.2	3.7	5.5

Manual Integrations
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#75

Fluoranthene

Concen: 23.121 ng

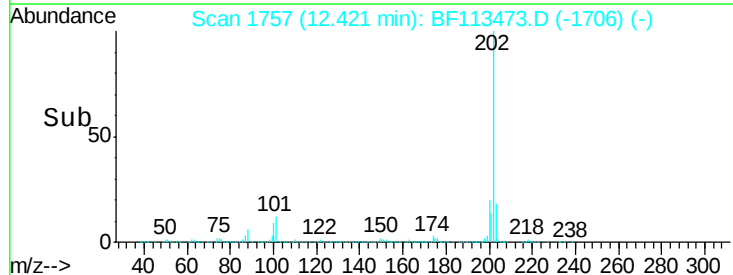
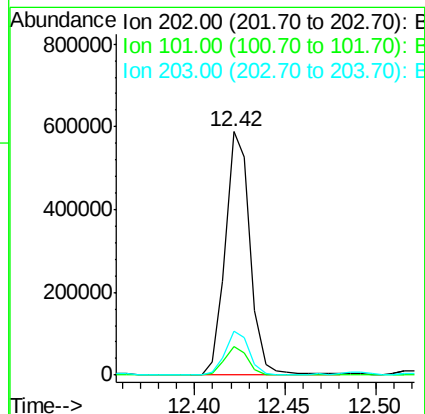
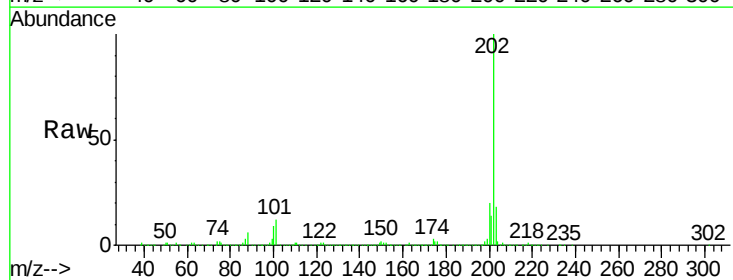
RT: 12.42 min Scan# 1757

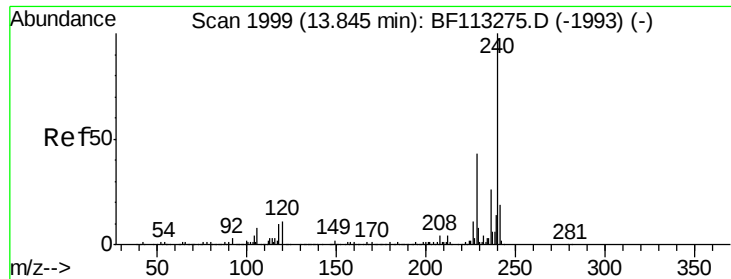
Delta R.T. 0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Tgt Ion:	202	Resp:	558733
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.4
203	18.3	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Instrument :

BNA_F

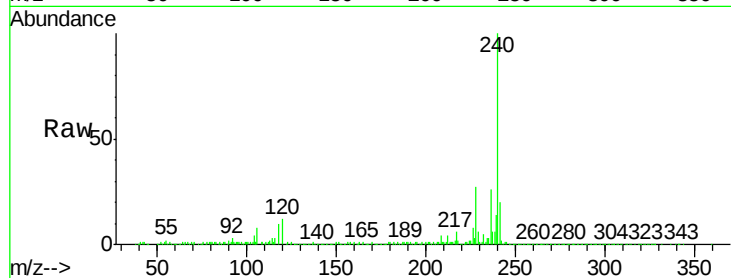
ClientSampleId :

P-4-OW(0-10)

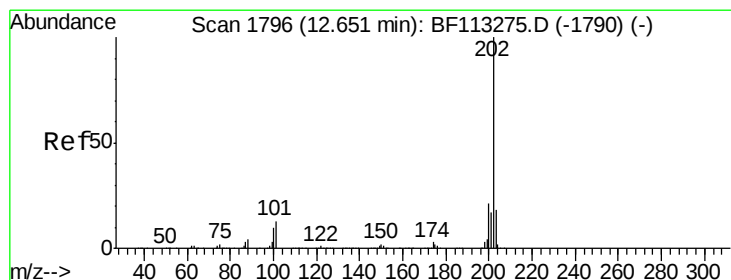
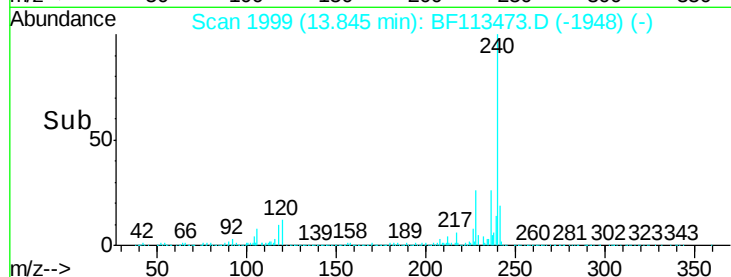
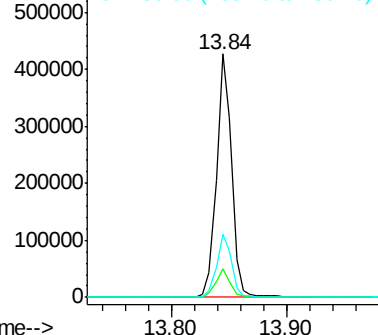
Tgt Ion:	240	Resp:	383611
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.8	13.2
236	25.7	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 20.124 ng

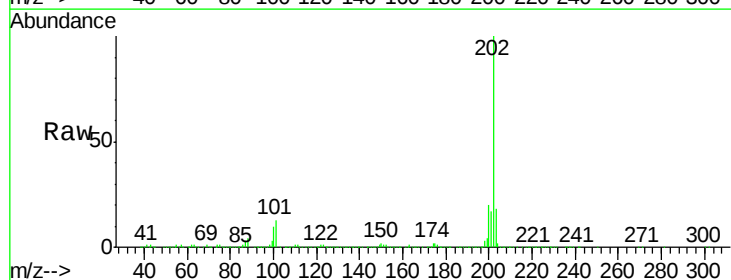
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

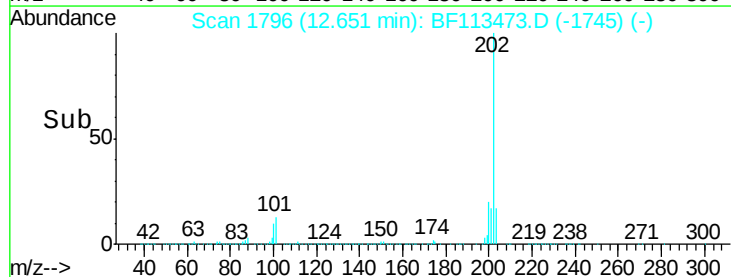
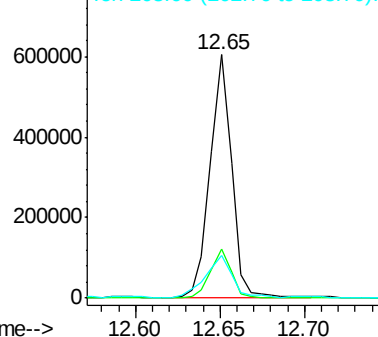
Lab File: BF113473.D

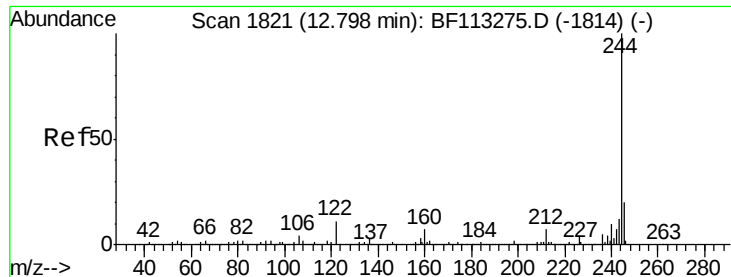
Acq: 1 Apr 2019 18:22

Tgt Ion:	202	Resp:	534962
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.7	14.4	21.6



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





#79

Terphenyl-d14

Concen: 51.842 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Instrument :

BNA_F

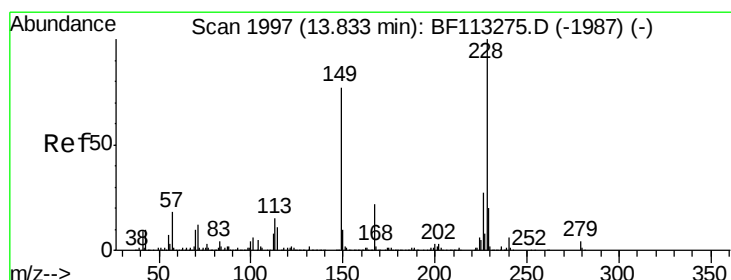
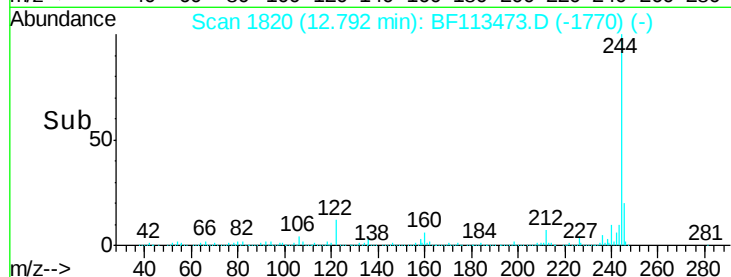
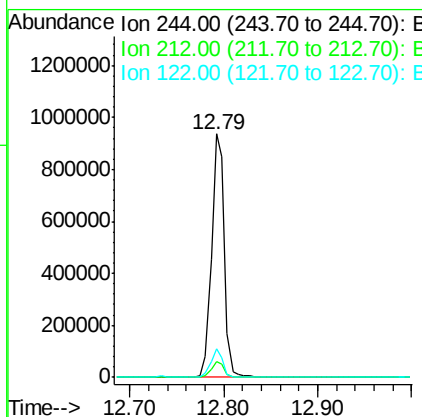
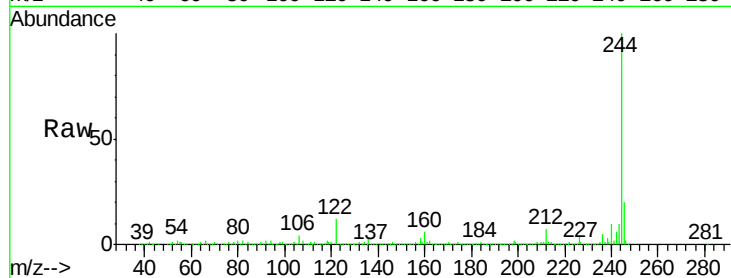
ClientSampleId :

P-4-OW(0-10)

Tgt Ion:	244	Resp:	902259
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.5	8.3
122	11.6	8.6	13.0

Manual Integrations
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#81

Benzo(a)anthracene

Concen: 15.069 ng

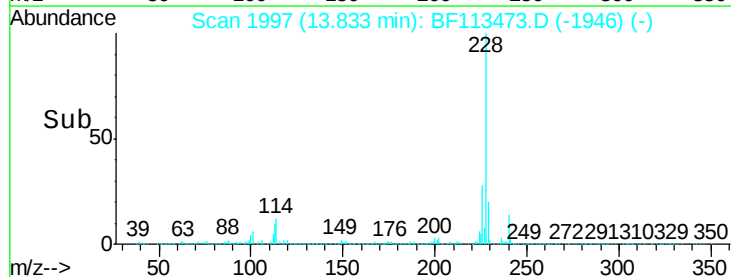
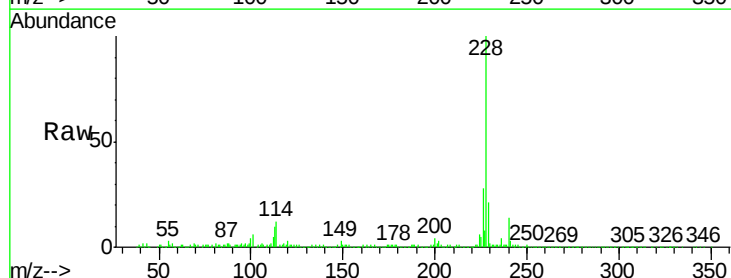
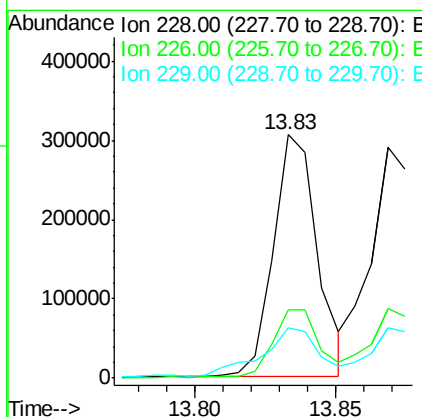
RT: 13.83 min Scan# 1997

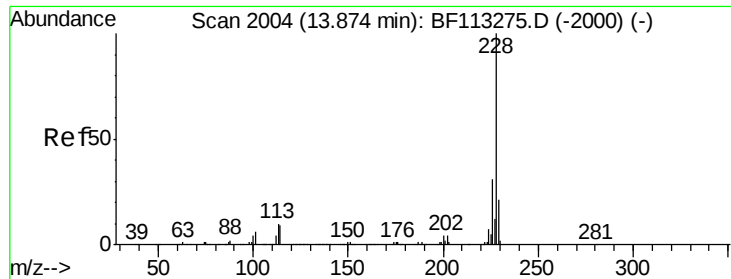
Delta R.T. 0.00 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Tgt Ion:	228	Resp:	330903
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.8	32.8
229	20.7	16.2	24.4





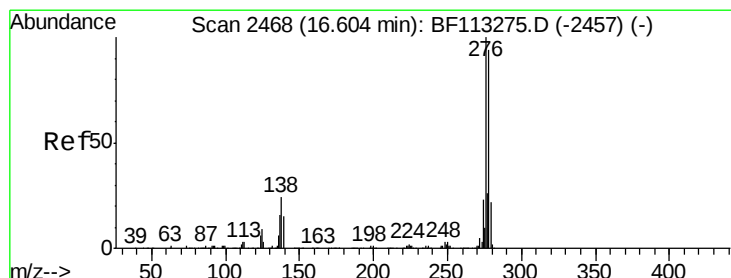
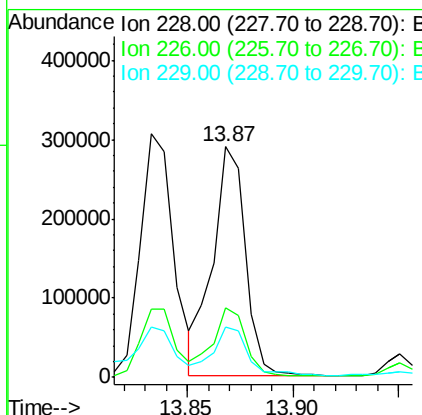
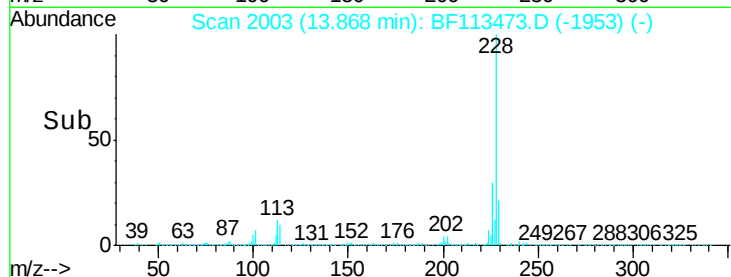
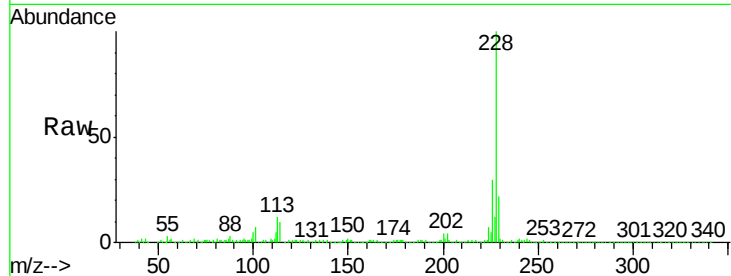
#83
Chrysene
Concen: 14.117 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P-4-OW(0-10)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	314859		
226	29.9	24.3	36.5	
229	22.1	16.3	24.5	

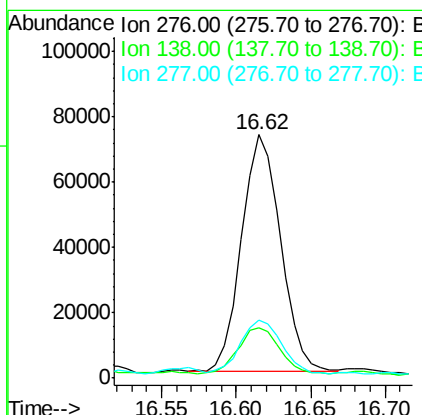
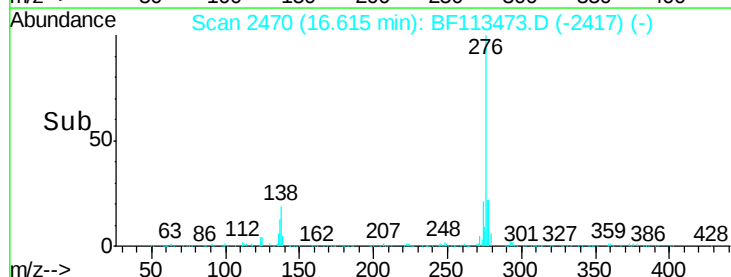
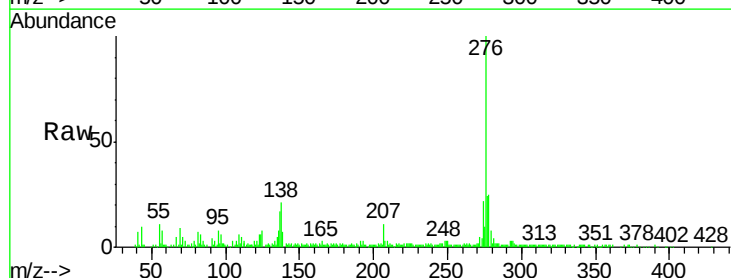
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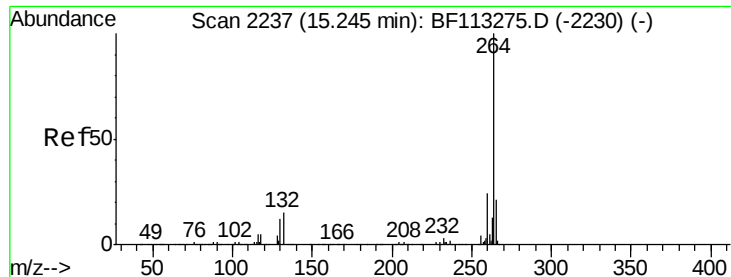
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.881 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	131710		
138	21.1	18.1	27.1	
277	24.1	20.2	30.4	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Instrument :

BNA_F

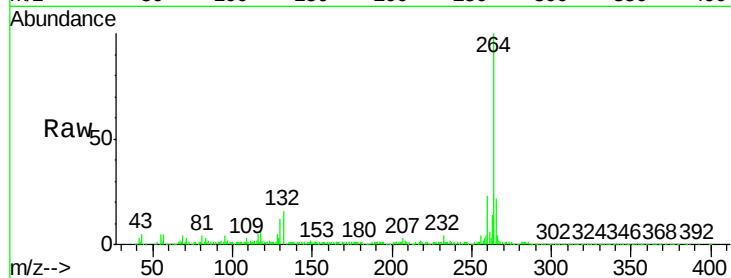
ClientSampleId :

P-4-OW(0-10)

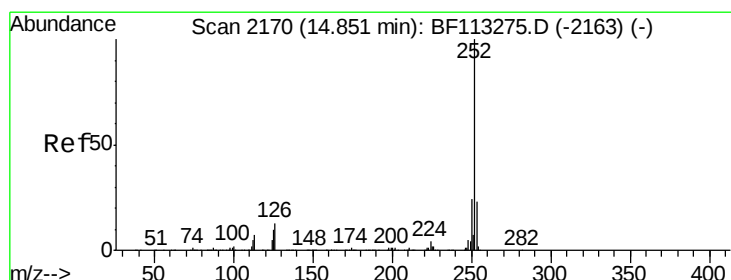
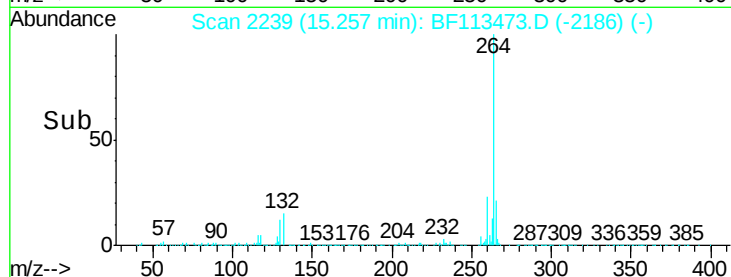
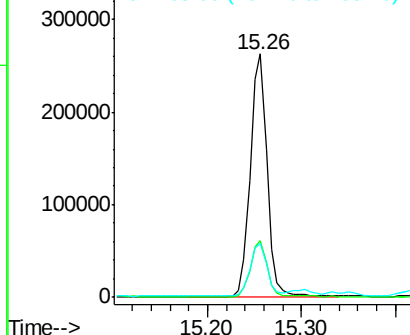
Tgt Ion:	264	Resp:	325186
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.0	17.1	25.7

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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: 20.577 ng m

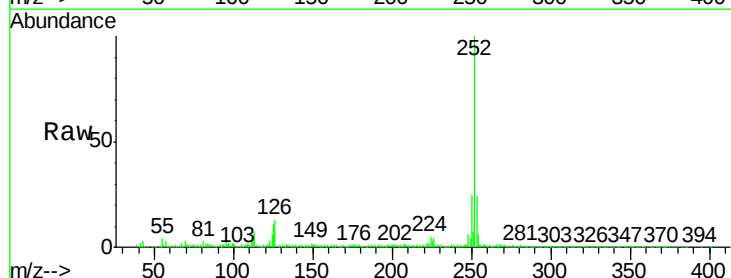
RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

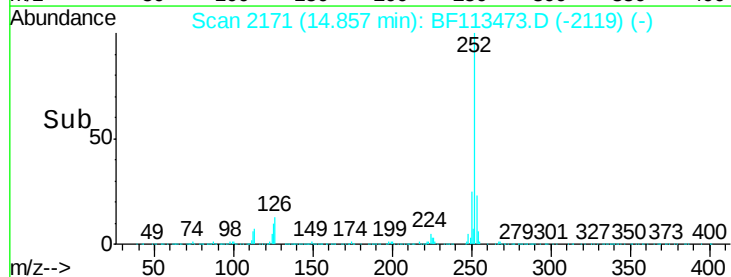
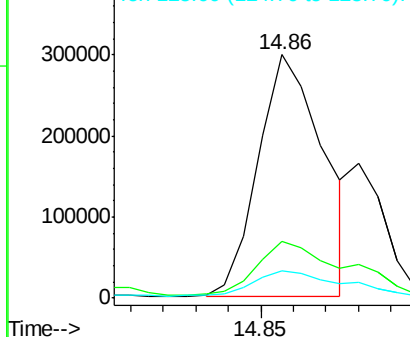
Lab File: BF113473.D

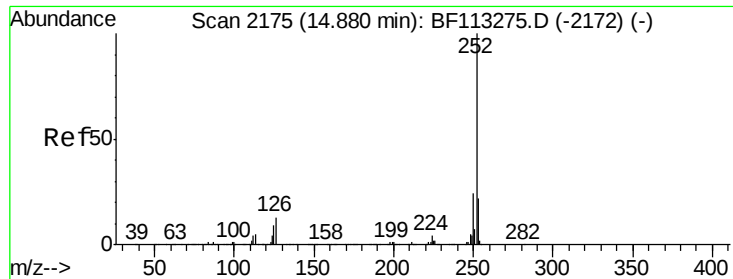
Acq: 1 Apr 2019 18:22

Tgt Ion:	252	Resp:	415656
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.0	27.0
125	11.0	7.6	11.4



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





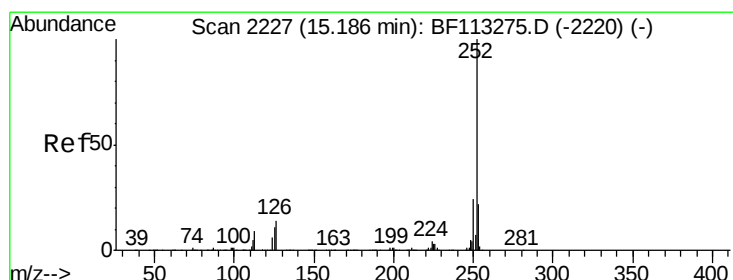
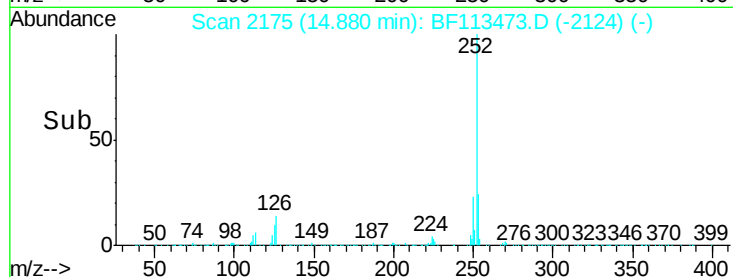
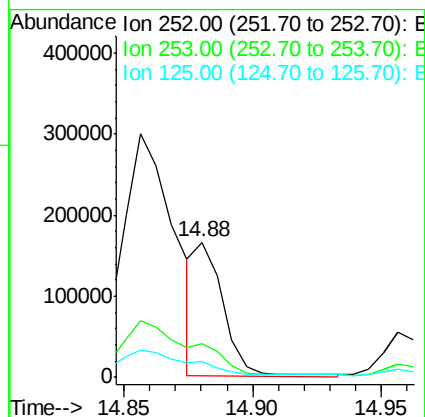
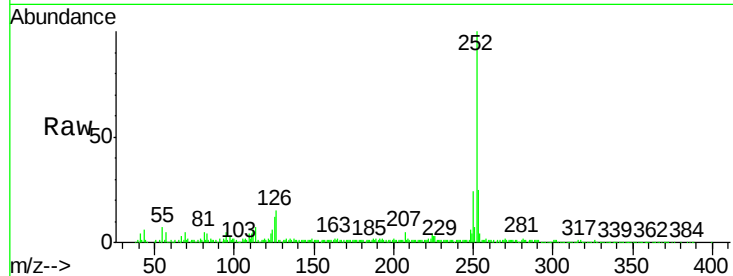
#89
Benzo(k)fluoranthene
Concen: 7.120 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P-4-OW(0-10)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	126315		
253	25.0	17.7	26.5	
125	11.6	7.3	10.9	

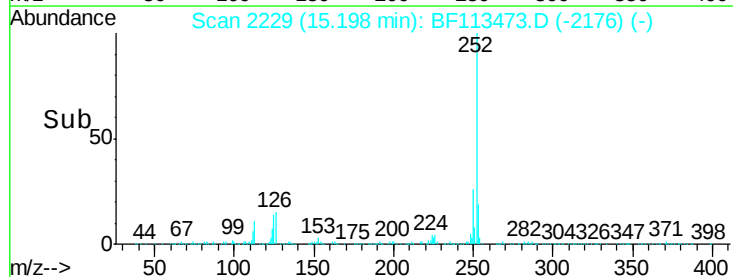
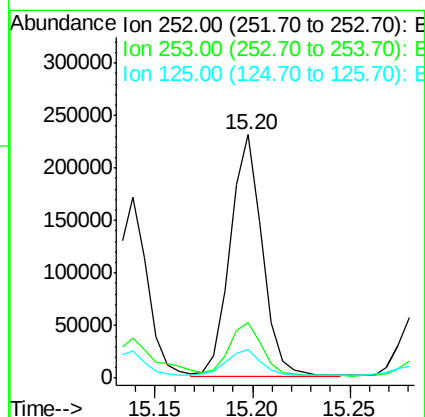
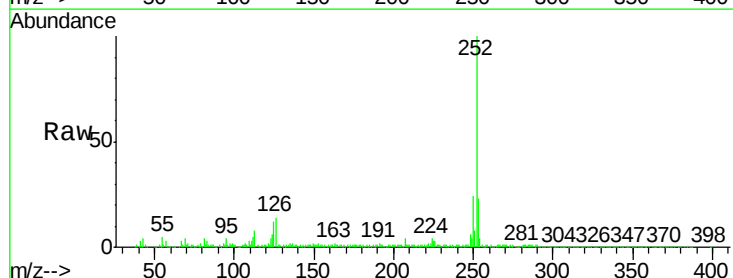
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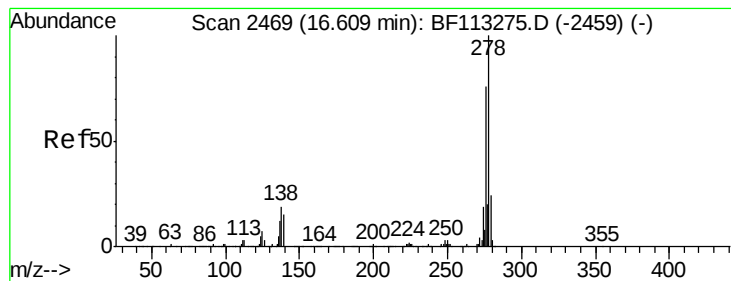
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#90
Benzo(a)pyrene
Concen: 14.697 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113473.D
Acq: 1 Apr 2019 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	263207		
253	22.5	17.9	26.9	
125	11.7	8.8	13.2	





#91

Dibenzo(a,h)anthracene

Concen: 2.529 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Instrument :

BNA_F

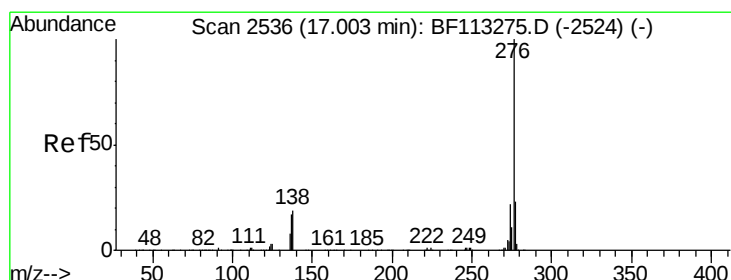
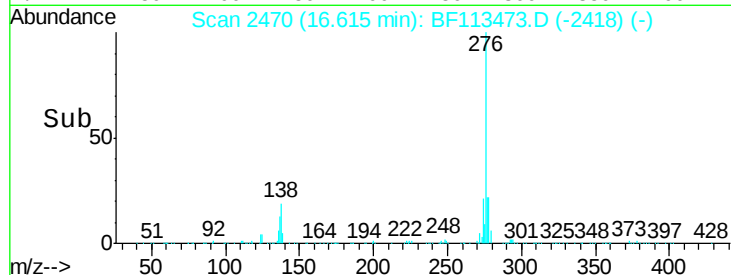
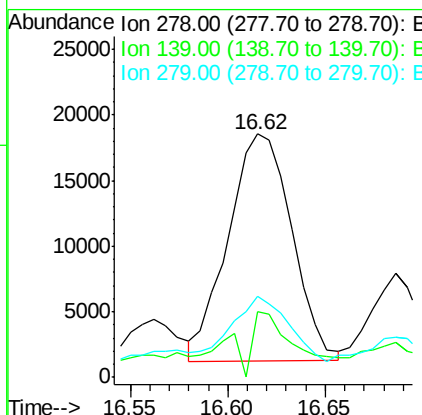
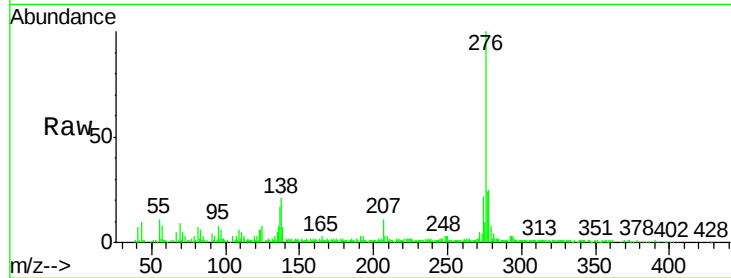
ClientSampleId :

P-4-OW(0-10)

Tgt Ion:	278	Resp:	39168
Ion Ratio	Lower	Upper	
278	100		
139	27.2	12.0	18.0#
279	33.1	19.0	28.6#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 8.281 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF113473.D

Acq: 1 Apr 2019 18:22

Tgt Ion:	276	Resp:	129291
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.8	28.2
138	21.7	15.6	23.4

