

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113566.D
 Acq On : 4 Apr 2019 2:19
 Operator : JU/SJ
 Sample : K2199-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-040219-A

Manual Integrations
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Sohil
 4/4/2019 10:58:06 AM

Quant Time: Apr 04 07:01:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	117412	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	401954	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	166297	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	334780	20.00	ng	0.00
76) Chrysene-d12	13.84	240	313929	20.00	ng	0.00
87) Perylene-d12	15.25	264	236526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	222665	32.34	ng	0.00
7) Phenol-d6	6.33	99	300050	35.36	ng	-0.01
23) Nitrobenzene-d5	7.25	82	155044	22.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	61019	30.55	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	305804	29.60	ng	0.00
79) Terphenyl-d14	12.79	244	354035	22.96	ng	0.00
Target Compounds						
71) Phenanthrene	11.23	178	80359	4.831	ng	97
75) Fluoranthene	12.42	202	208769	11.711	ng	98
78) Pyrene	12.64	202	190040	7.956	ng	99
81) Benzo(a)anthracene	13.83	228	97852	5.403	ng	97
83) Chrysene	13.87	228	88787	4.837	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	38635	2.279	ng	98
88) Benzo(b)fluoranthene	14.86	252	101737m	7.027	ng	
90) Benzo(a)pyrene	15.20	252	65799	5.114	ng	# 94
92) Benzo(g,h,i)perylene	17.03	276	37620	3.064	ng	# 88

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

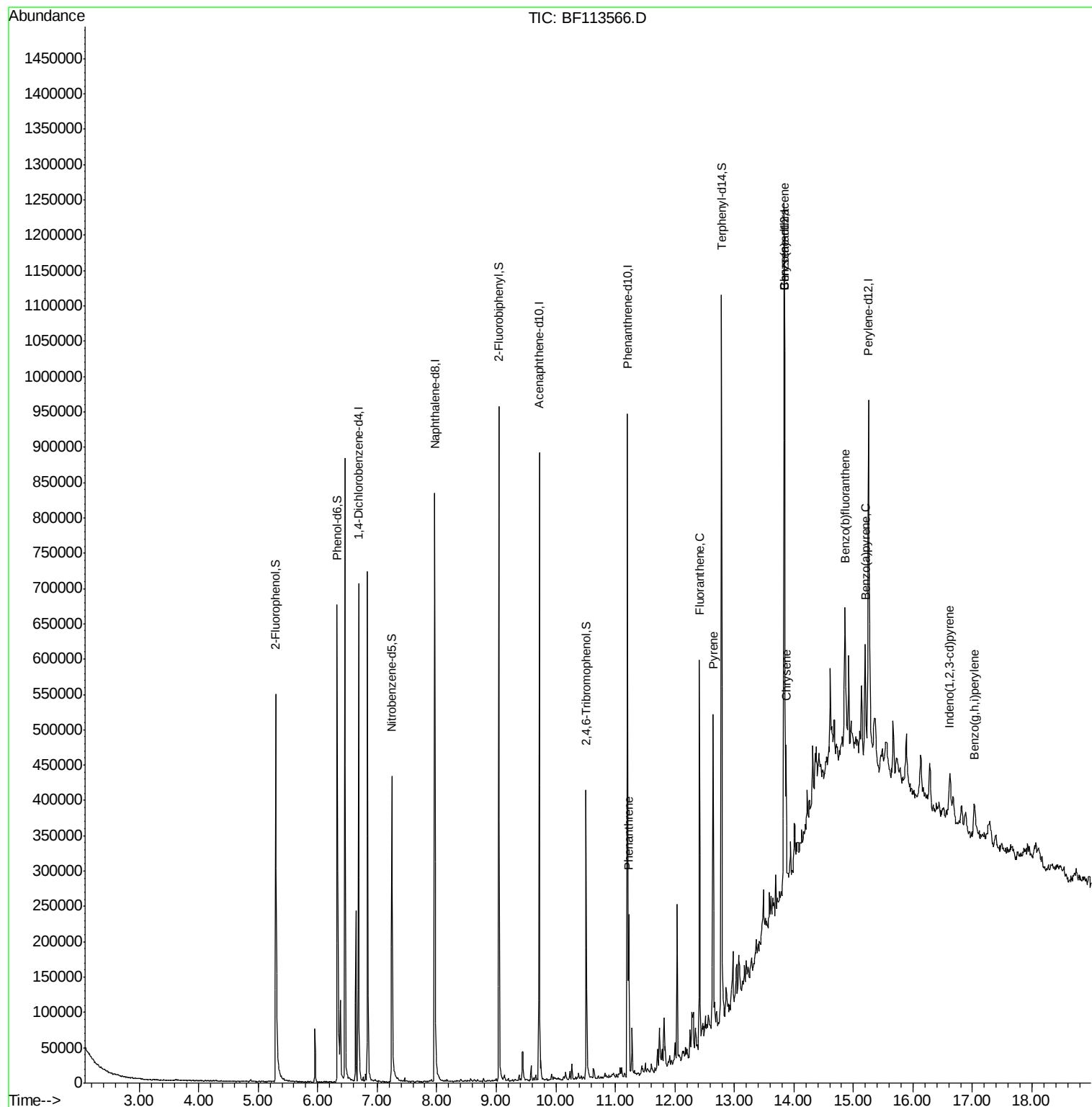
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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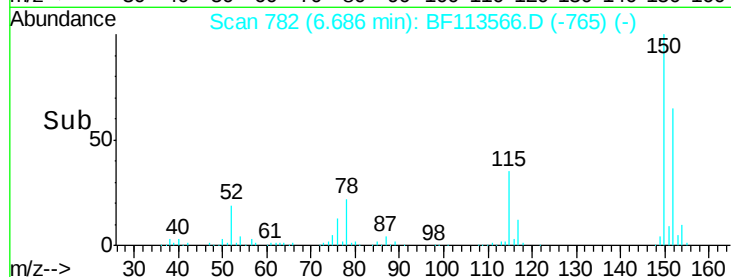
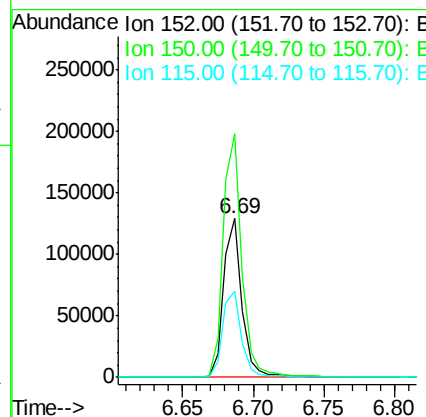
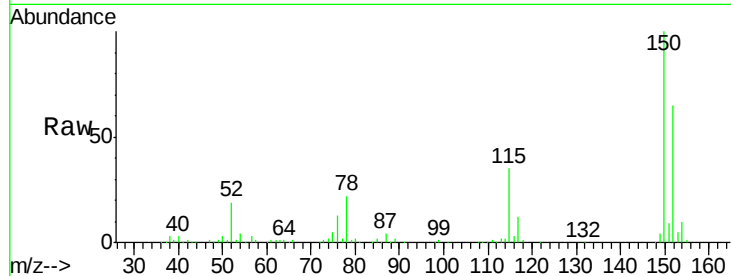
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-040219-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	54.2	46.0	69.0

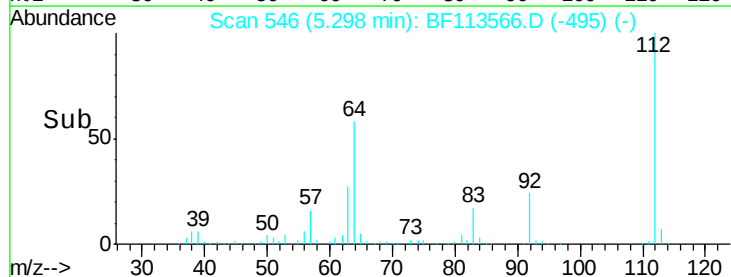
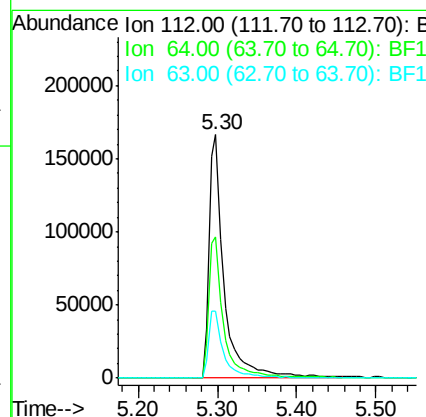
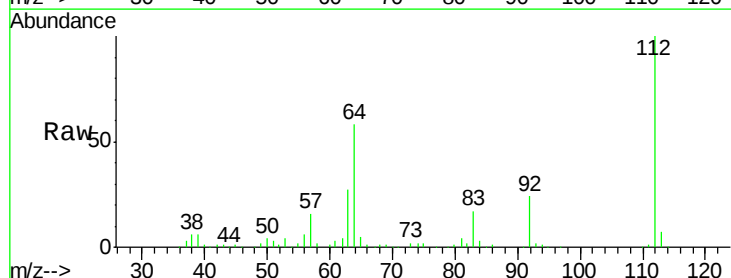
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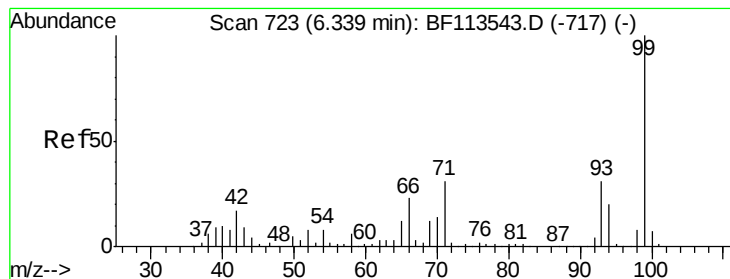
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#5
 2-Fluorophenol
 Concen: 32.339 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	49.2	73.8
63	27.4	24.9	37.3





#7

Phenol-d6

Concen: 35.357 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113566.D

Acq: 4 Apr 2019 2:19

Instrument :

BNA_F

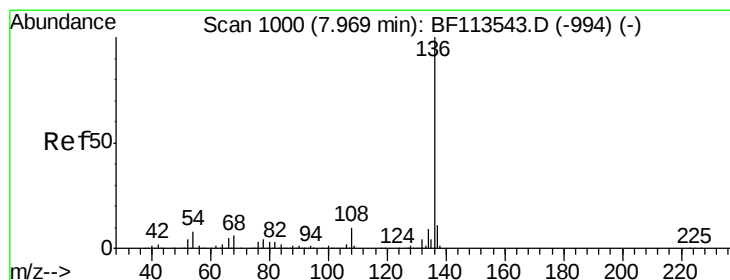
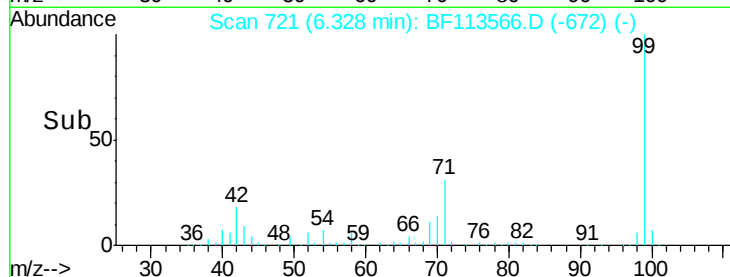
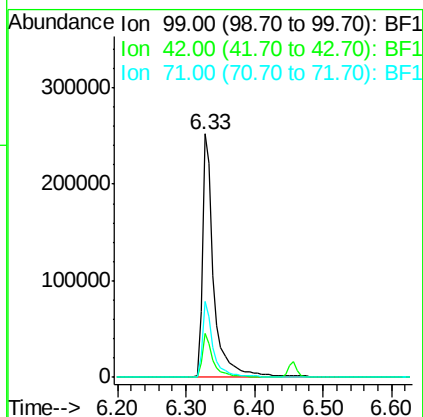
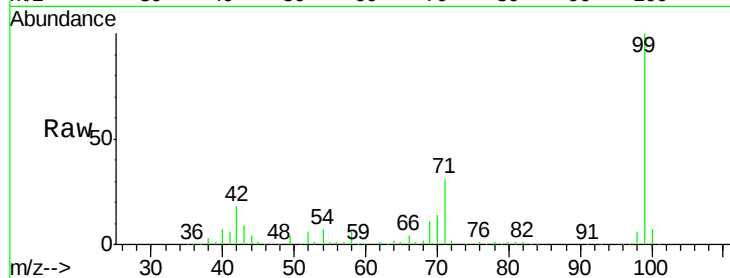
ClientSampleId :

OR-02-040219-A

Tgt Ion:	99	Resp:	300050
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	31.0	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

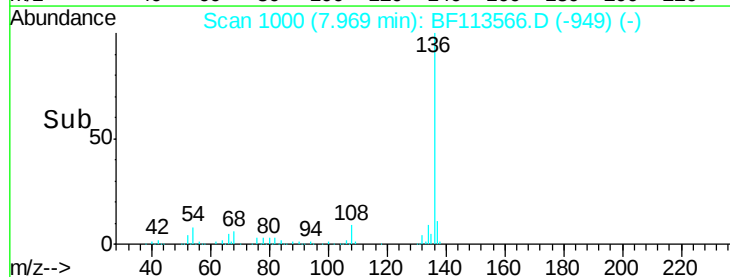
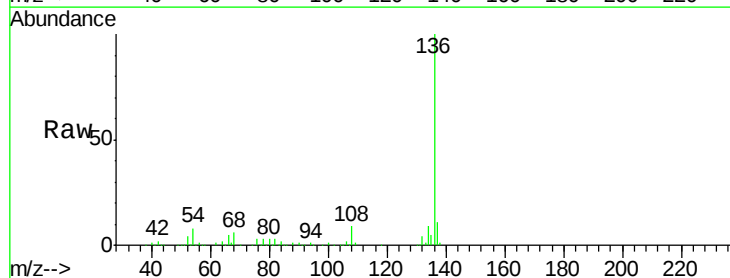
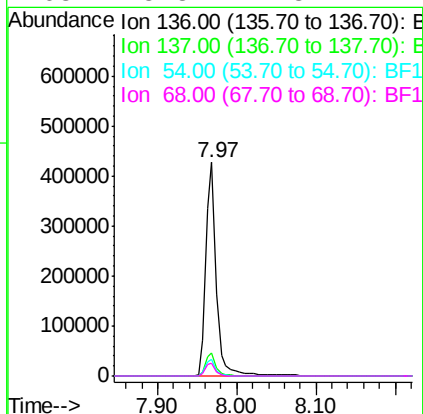
RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113566.D

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Tgt Ion:	136	Resp:	401954
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.5	7.0	10.6
68	5.8	4.8	7.2





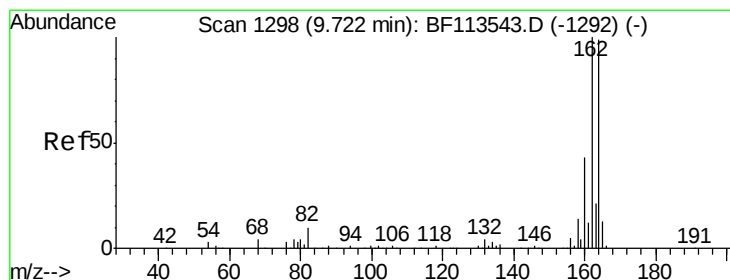
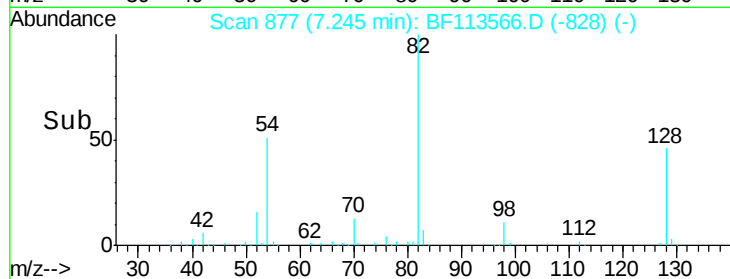
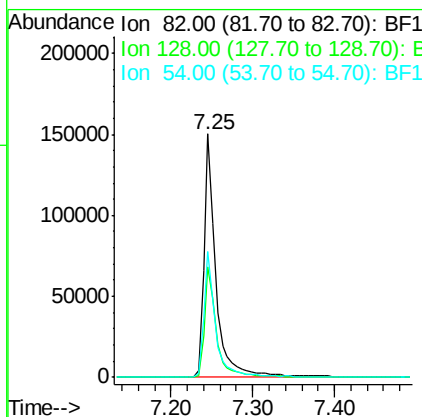
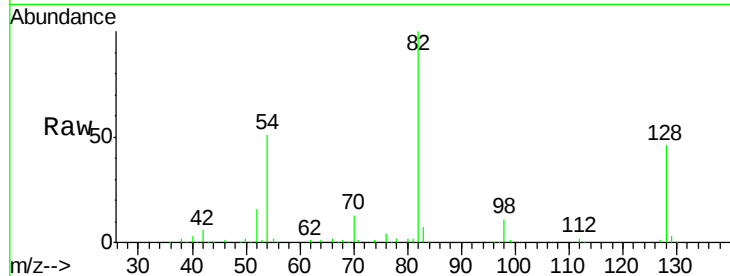
#23
Nitrobenzene-d5
Concen: 22.594 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Instrument :
BNA_F
ClientSampleId :
OR-02-040219-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	51.4	42.2	63.2

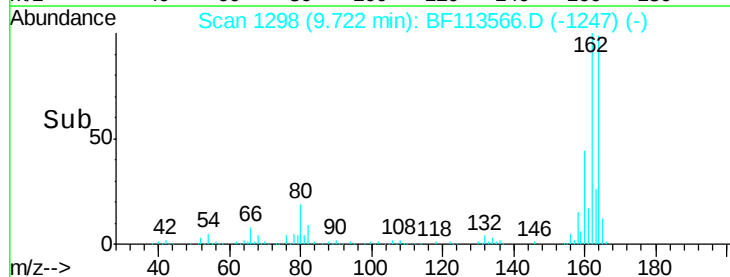
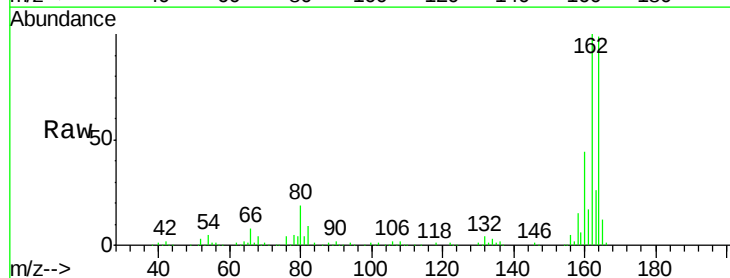
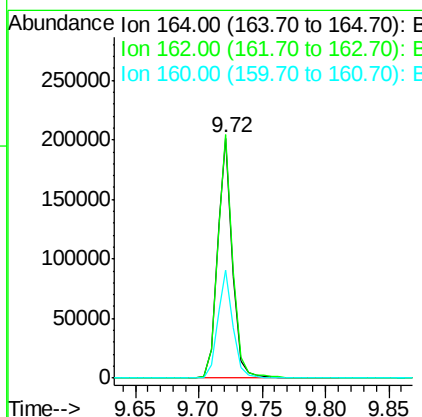
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	45.0	36.4	54.6





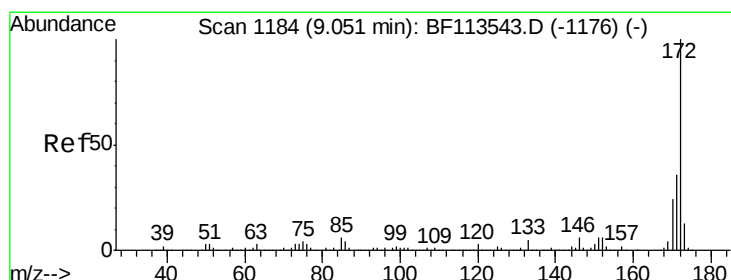
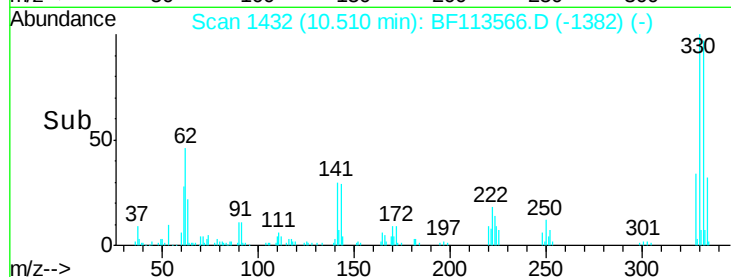
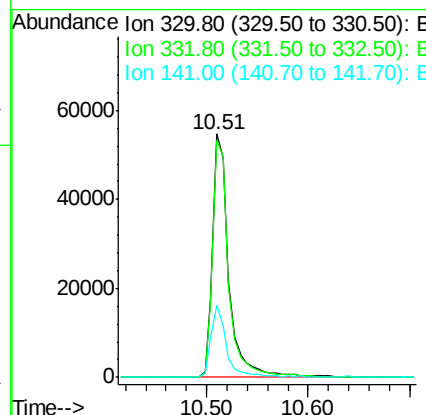
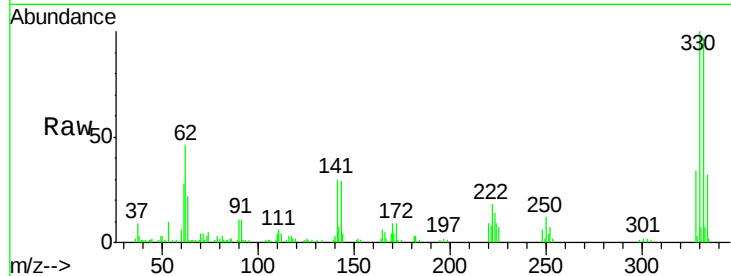
#42
 2,4,6-Tribromophenol
 Concen: 30.546 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-040219-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	61019		
332	96.5	77.8	116.6	
141	28.0	22.7	34.1	

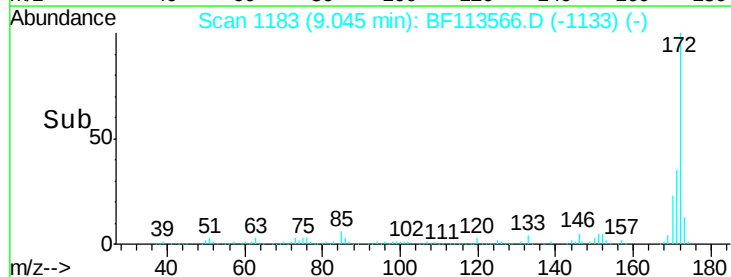
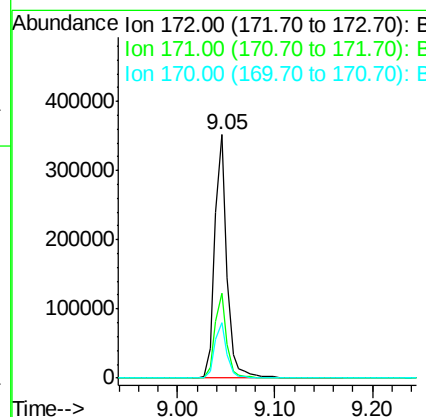
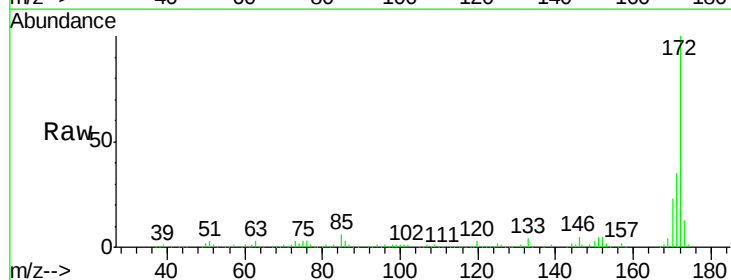
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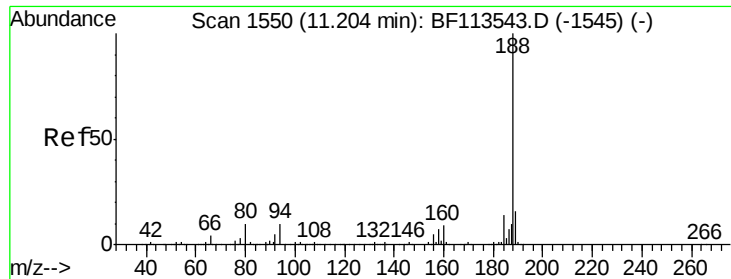
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#45
 2-Fluorobiphenyl
 Concen: 29.604 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	305804		
171	34.7	29.0	43.6	
170	22.9	19.5	29.3	





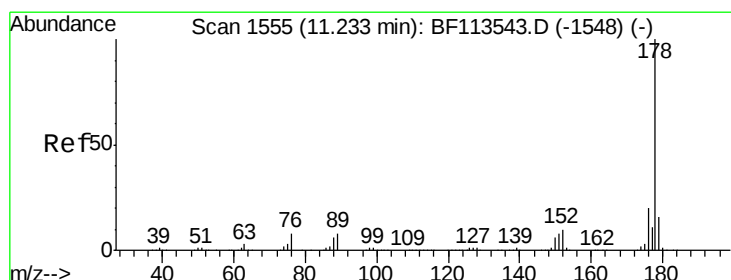
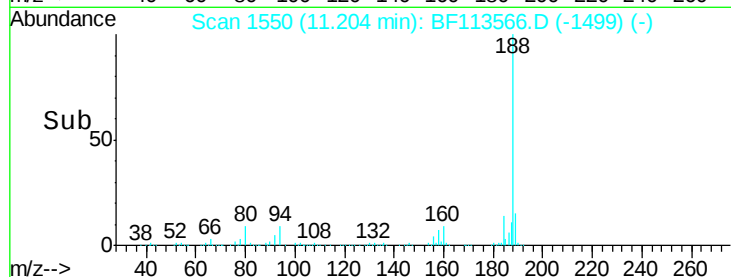
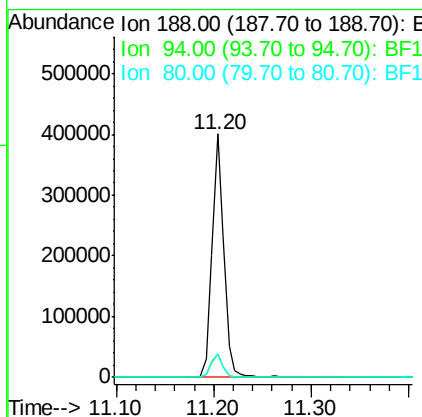
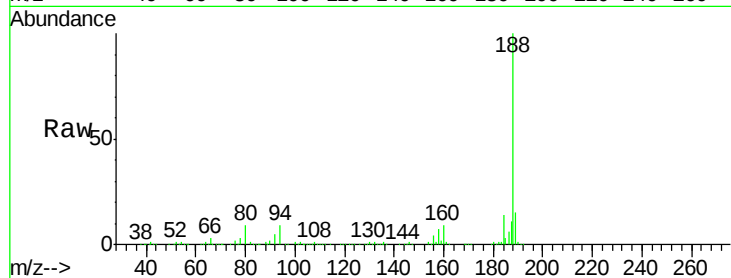
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Instrument :
BNA_F
ClientSampleId :
OR-02-040219-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	334780		
94	9.4	7.0	10.6	
80	9.5	7.7	11.5	

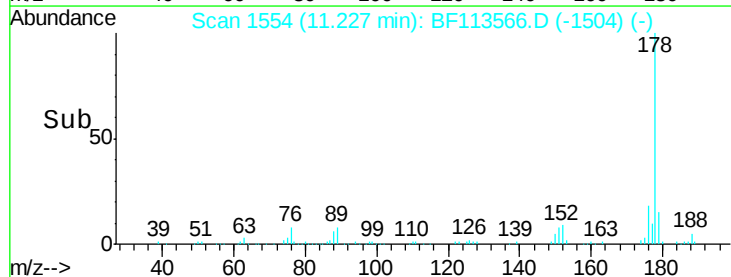
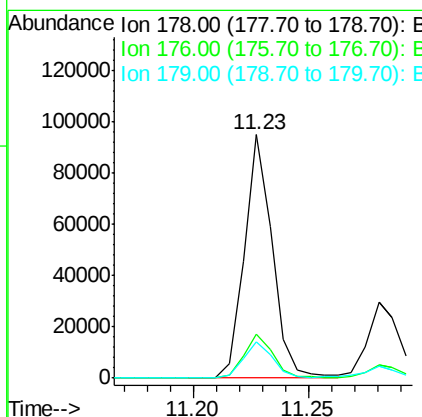
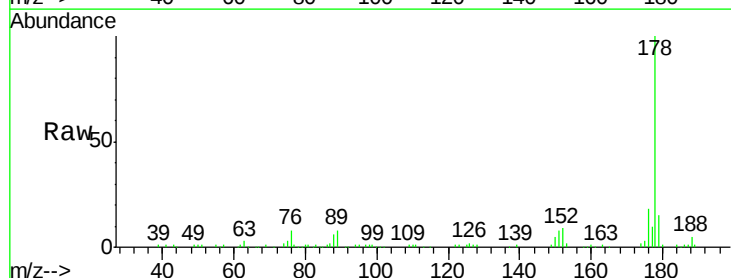
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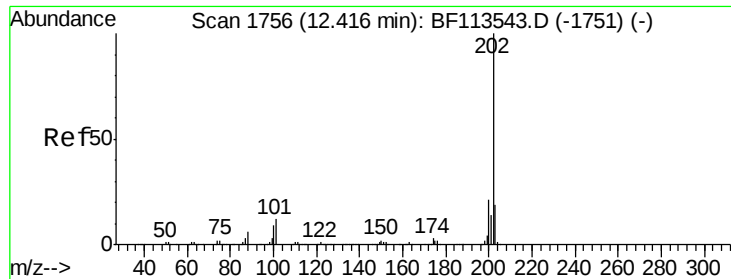
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#71
Phenanthrene
Concen: 4.831 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	80359		
176	18.2	16.2	24.2	
179	15.0	12.7	19.1	





#75

Fluoranthene

Concen: 11.711 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113566.D

Acq: 4 Apr 2019 2:19

Instrument :

BNA_F

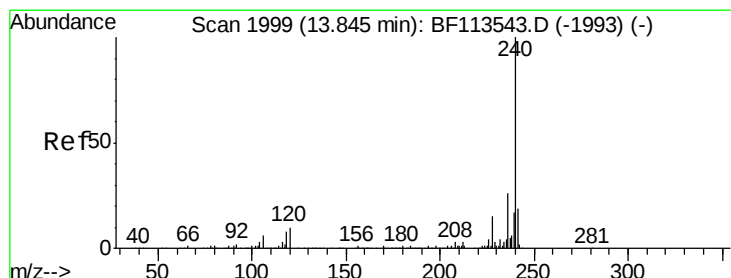
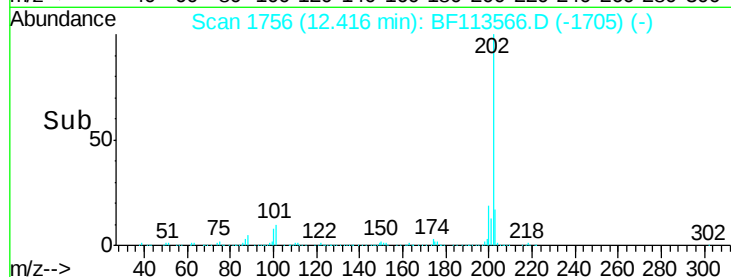
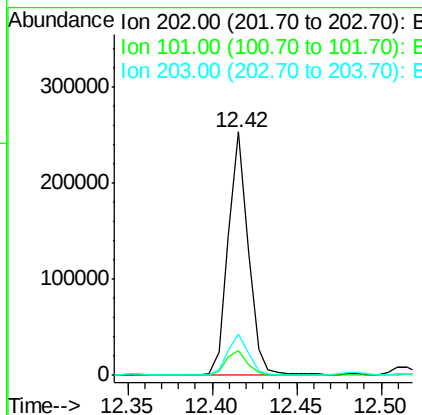
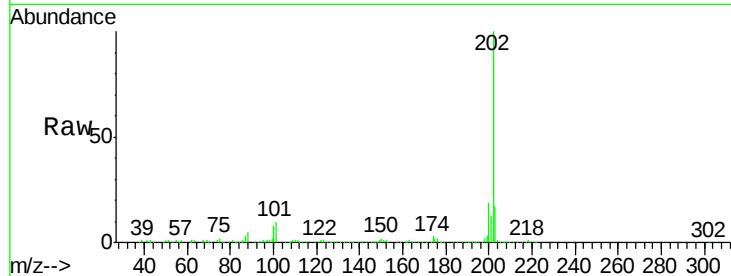
ClientSampleId :

OR-02-040219-A

Tgt	Ion	202	Resp:	208769
Ion	Ratio	Lower	Upper	
202	100			
101	10.3	0.0	31.4	
203	17.2	0.0	38.0	

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#76

Chrysene-d12

Concen: 20.000 ng

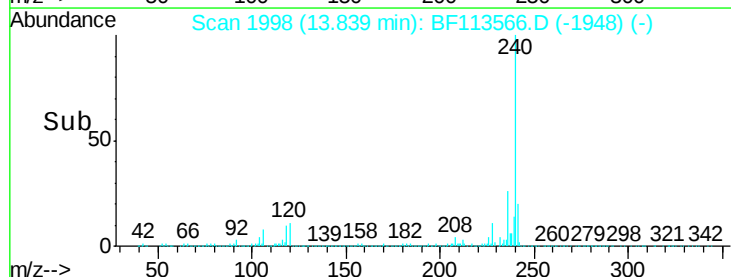
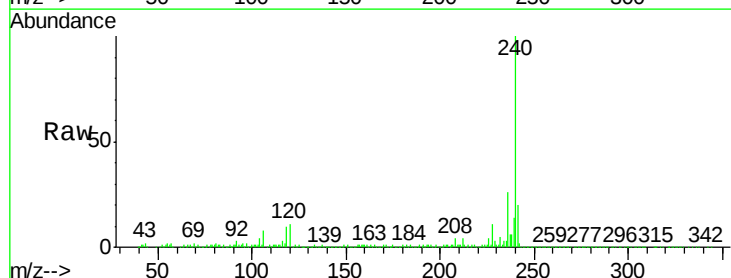
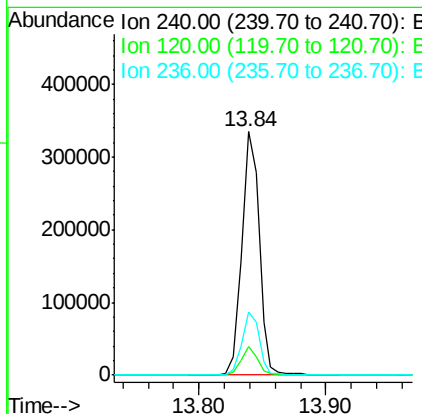
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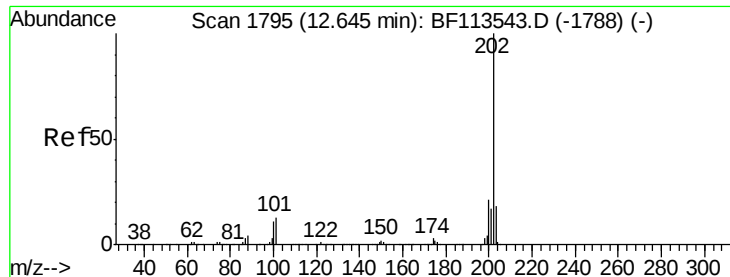
Delta R.T. -0.01 min

Lab File: BF113566.D

Acq: 4 Apr 2019 2:19

Tgt	Ion	240	Resp:	313929
Ion	Ratio	Lower	Upper	
240	100			
120	11.5	8.8	13.2	
236	25.9	20.9	31.3	





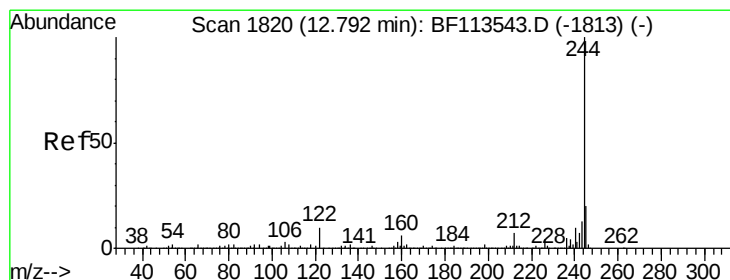
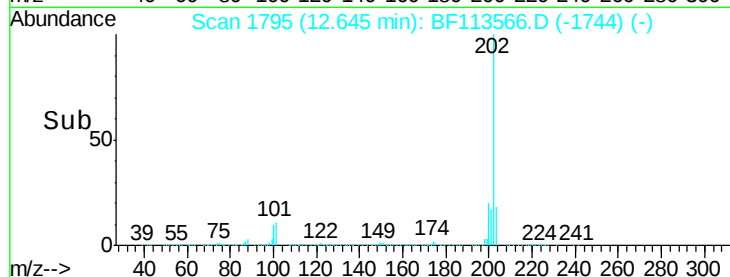
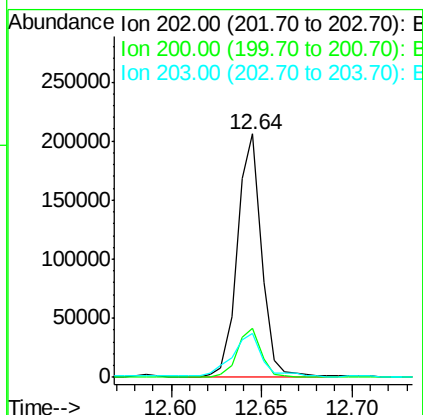
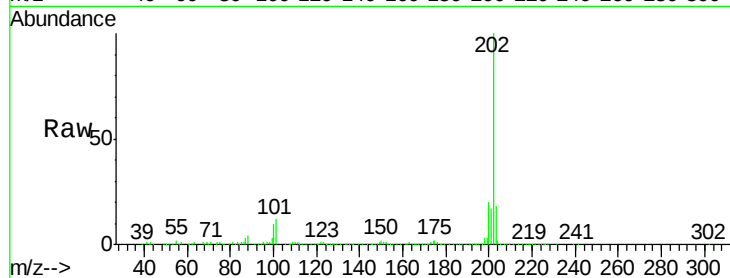
#78
 Pyrene
 Concen: 7.956 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Instrument :
 BNA_F
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 OR-02-040219-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.1	16.8	25.2
203	17.9	14.4	21.6

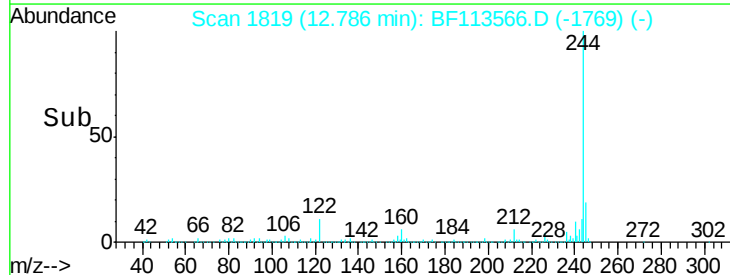
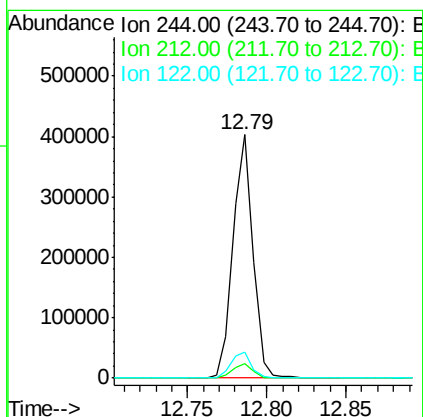
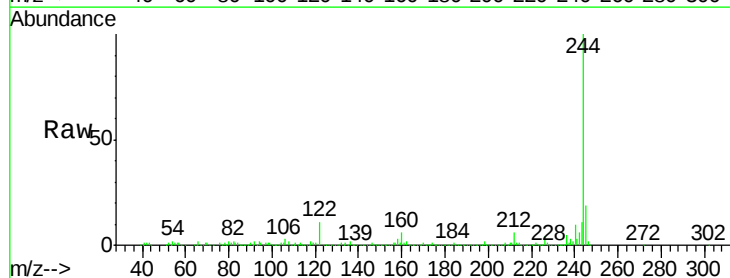
Manual Integrations
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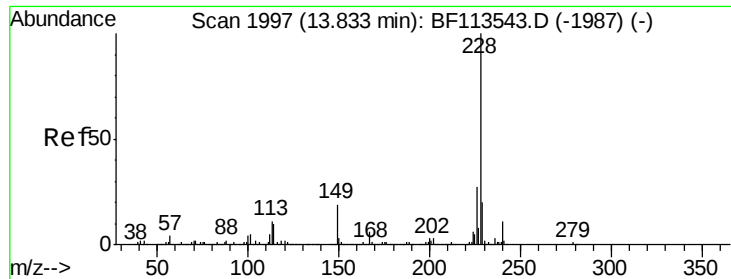
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#79
 Terphenyl-d14
 Concen: 22.961 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	5.5	8.3
122	10.5	8.6	13.0





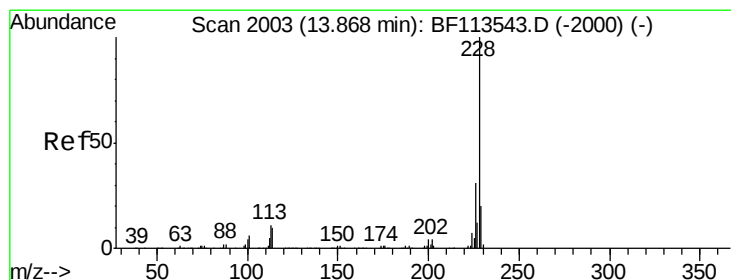
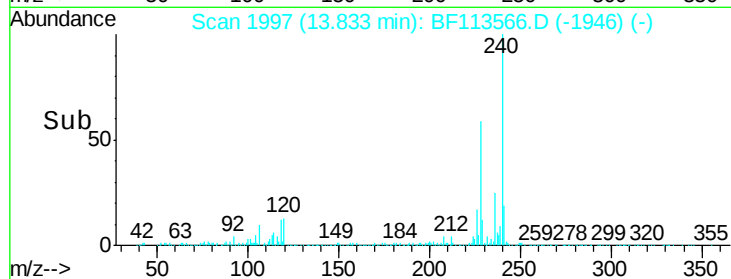
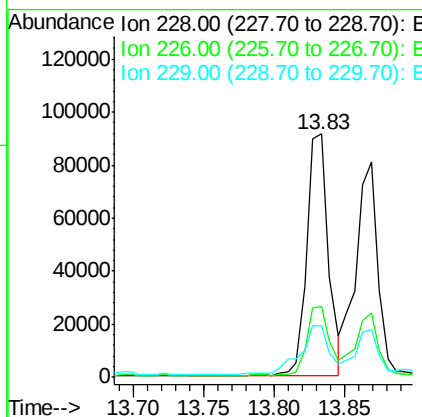
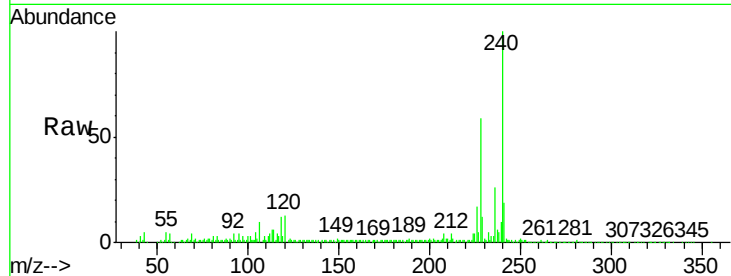
#81
Benzo(a)anthracene
Concen: 5.403 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Instrument :
BNA_F
ClientSampleId :
OR-02-040219-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.8	32.8
229	21.1	16.2	24.4

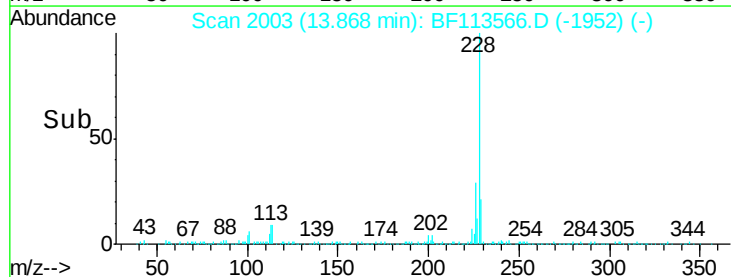
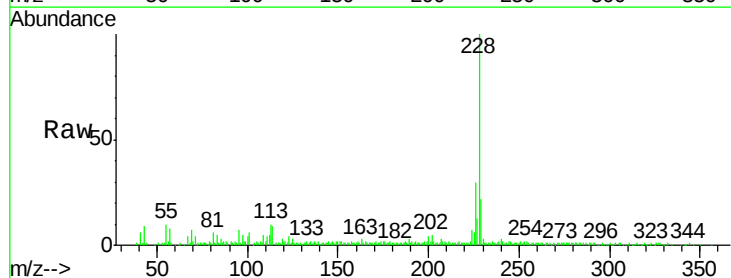
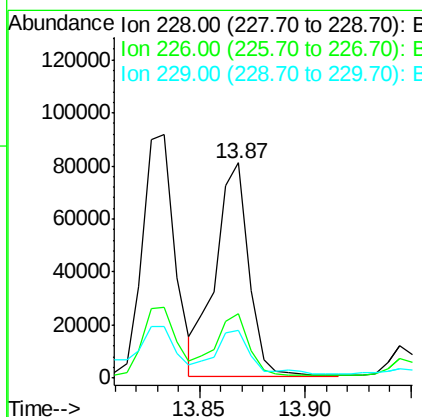
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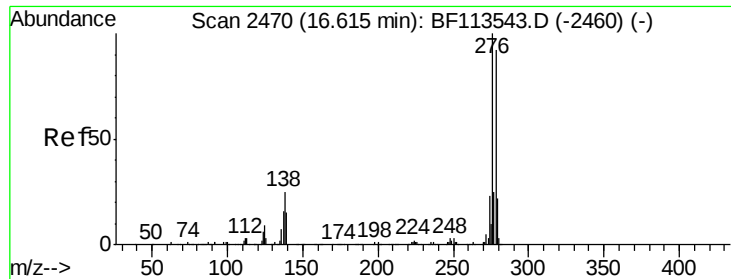
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#83
Chrysene
Concen: 4.837 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	22.5	16.3	24.5





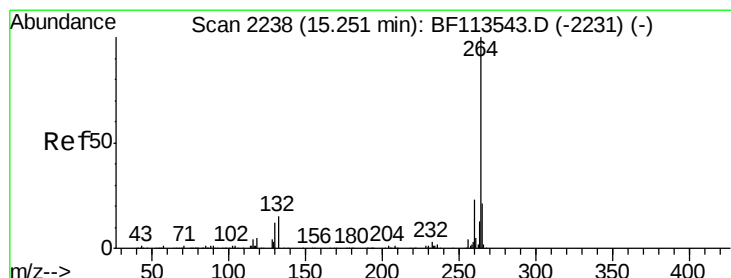
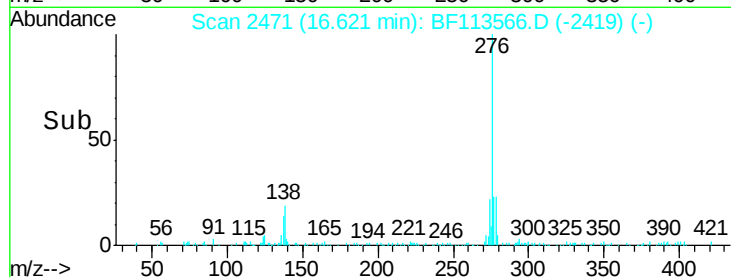
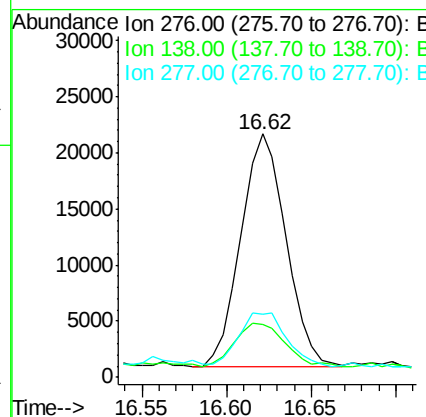
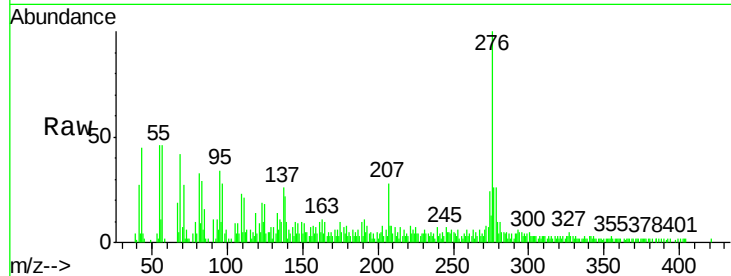
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.279 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-040219-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.4	18.1	27.1
277	24.5	20.2	30.4

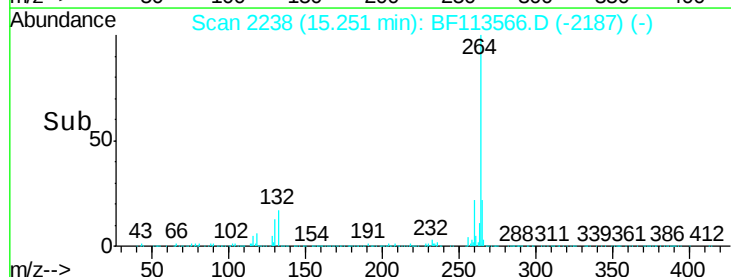
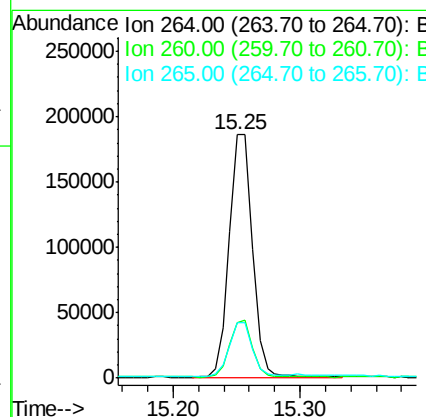
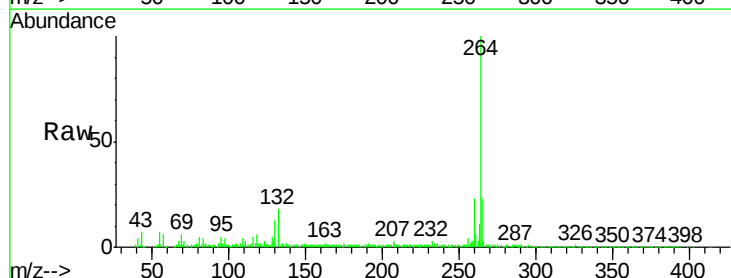
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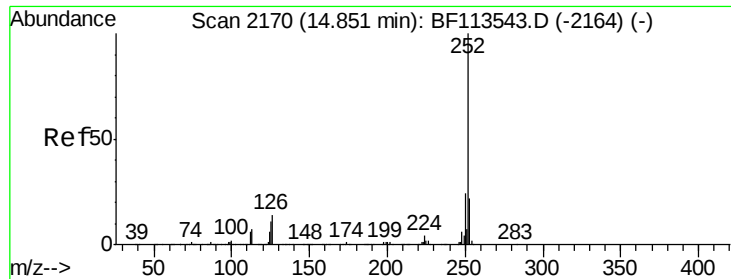
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.6	19.1	28.7
265	22.6	17.1	25.7





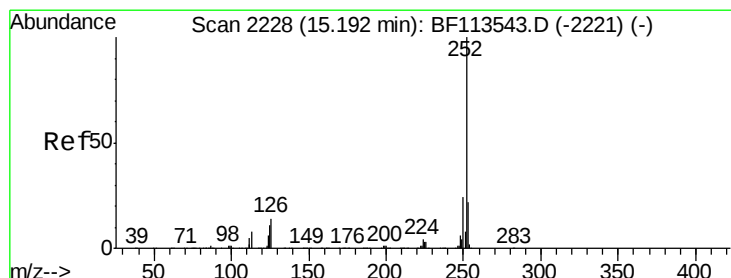
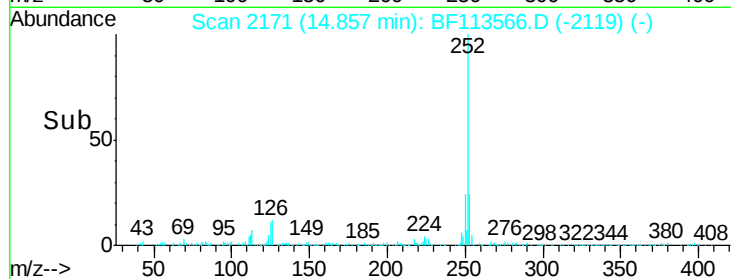
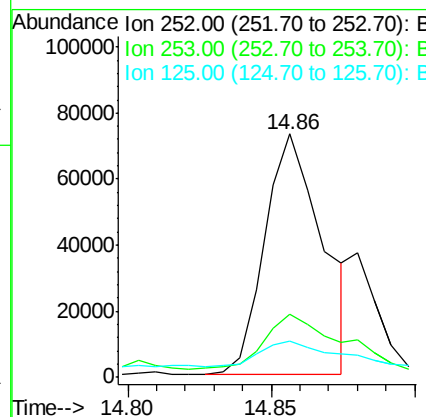
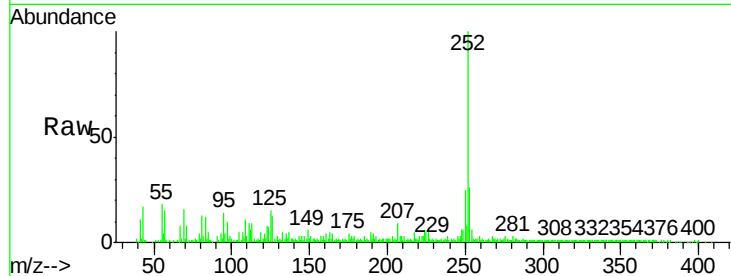
#88
Benzo(b)fluoranthene
Concen: 7.027 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Instrument :
BNA_F
ClientSampleId :
OR-02-040219-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	14.9	7.6	11.4

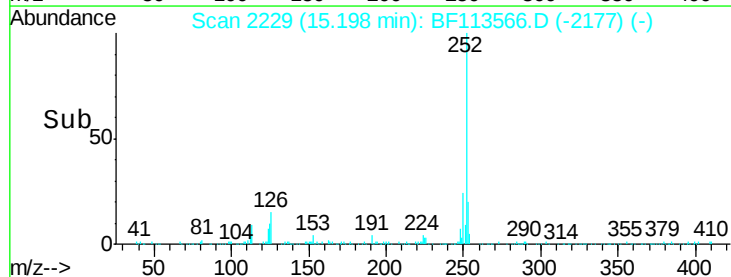
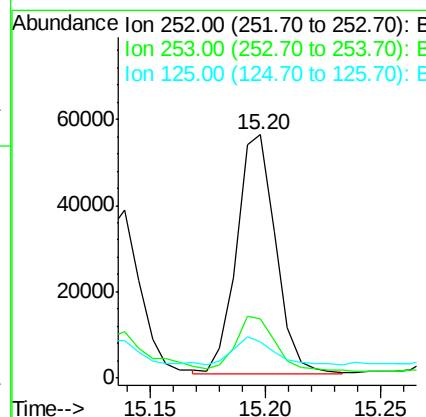
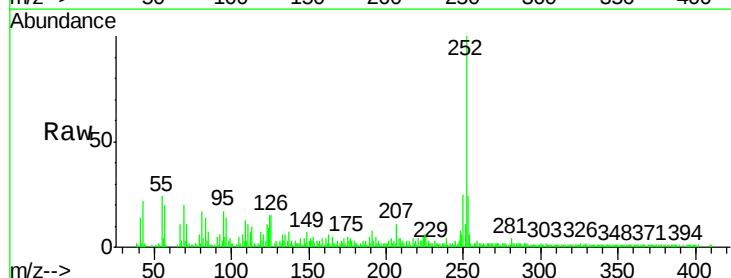
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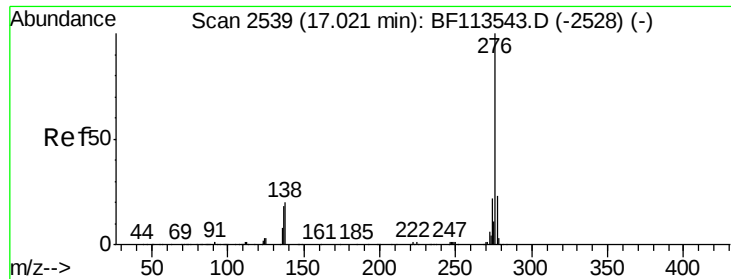
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#90
Benzo(a)pyrene
Concen: 5.114 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113566.D
Acq: 4 Apr 2019 2:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	14.9	8.8	13.2





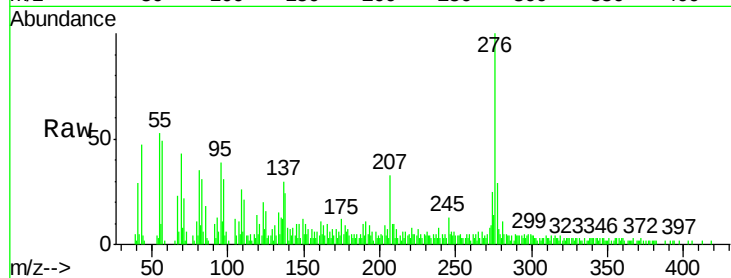
#92
 Benzo(g,h,i)perylene
 Concen: 3.064 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF113566.D
 Acq: 4 Apr 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-040219-A

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.8	28.2#
138	24.3	15.6	23.4#

Manual Integrations
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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

