

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104675.D
 Acq On : 20 Apr 2018 15:41
 Operator : JU/SJ
 Sample : J2260-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

Manual Integrations
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Quant Time: Apr 23 10:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124381	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	507158	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	208910	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	335175	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237483	20.00	ng	0.00
86) Perylene-d12	15.46	264	159369	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	645218	79.32	ng	0.00
7) Phenol-d6	6.45	99	791847	79.23	ng	0.00
23) Nitrobenzene-d5	7.37	82	465681	59.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150171	69.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	754890	57.08	ng	0.00
78) Terphenyl-d14	12.92	244	587450	56.40	ng	0.00
Target Compounds						
10) Phenol	6.45	94	21710	2.047	ng	89
49) Dimethylphthalate	9.56	163	50928	3.091	ng	97
70) Phenanthrene	11.36	178	53841	2.884	ng	98
74) Fluoranthene	12.55	202	114424	5.867	ng	99
77) Pyrene	12.77	202	105248	5.979	ng	98
80) Benzo(a)anthracene	13.97	228	45496	3.207	ng	92
82) Chrysene	14.00	228	50423m	3.460	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	22614	2.120	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.92	276	37273	3.011	ng	95
87) Benzo(b)fluoranthene	15.03	252	66404m	6.597	ng	
88) Benzo(k)fluoranthene	15.05	252	20965m	2.206	ng	
89) Benzo(a)pyrene	15.39	252	39541	4.390	ng	# 66
91) Benzo(a,h,i)perylene	17.36	276	43732	6.103	ng	# 91

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

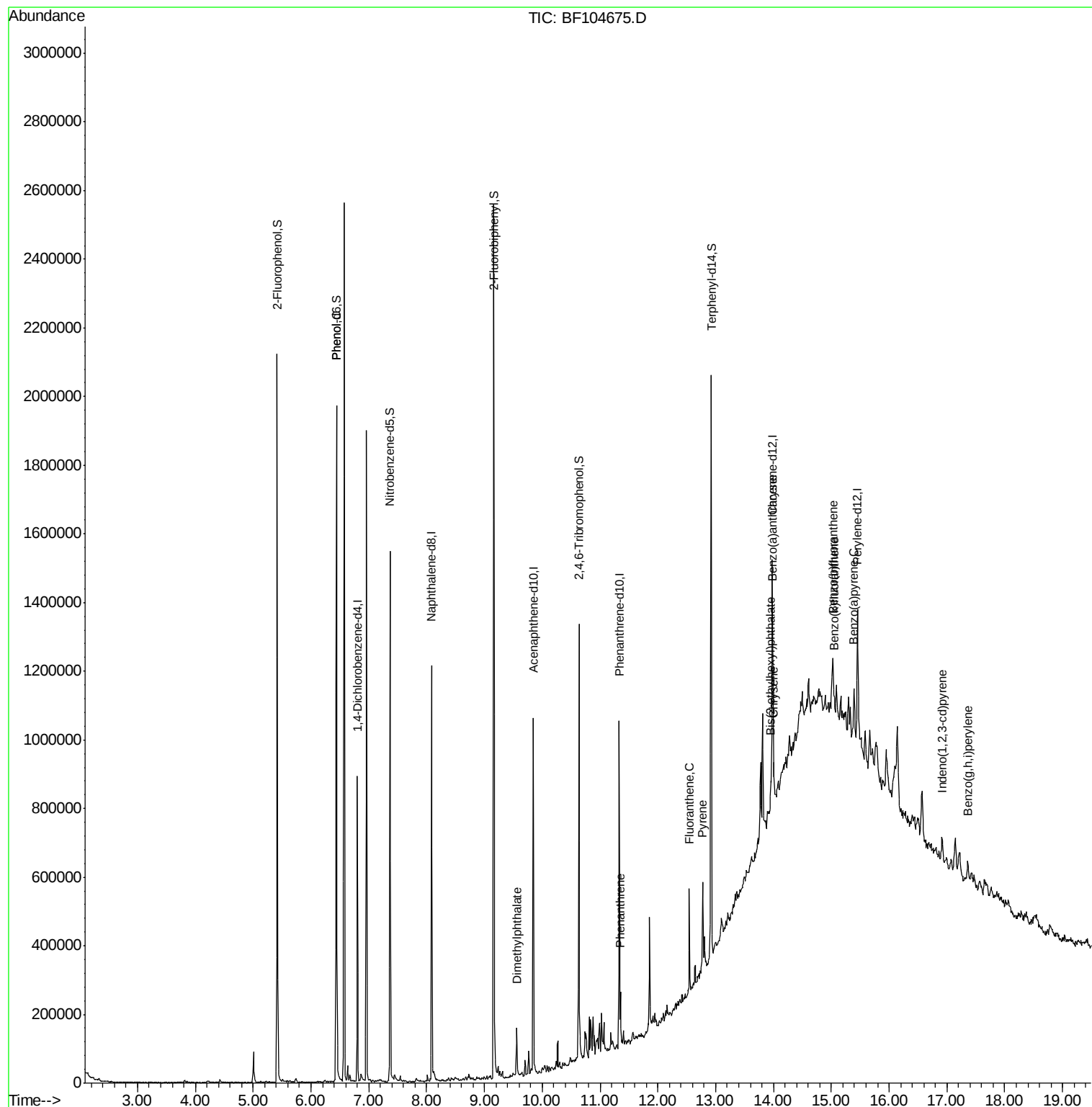
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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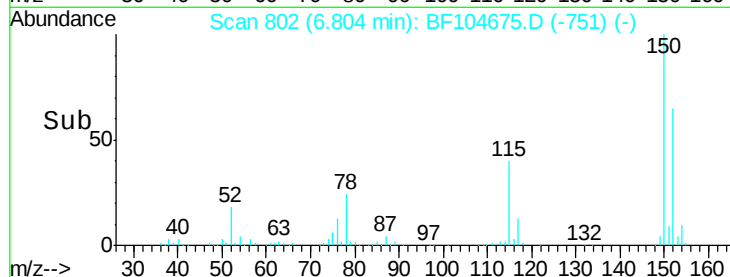
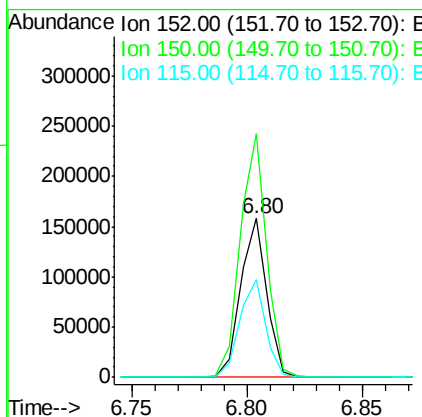
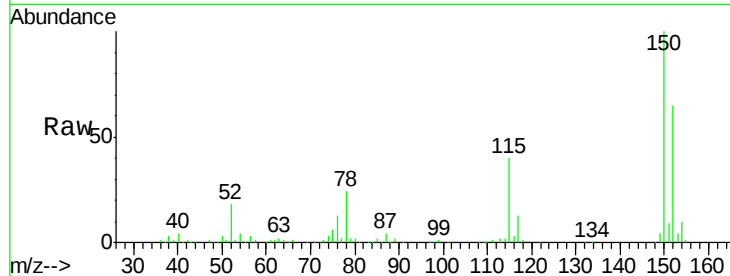
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104675.D
 Acq: 20 Apr 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	61.6	50.1	75.1

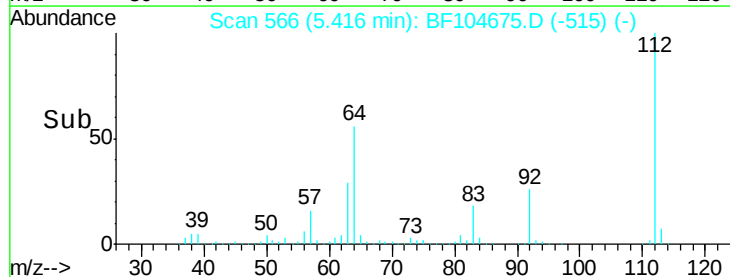
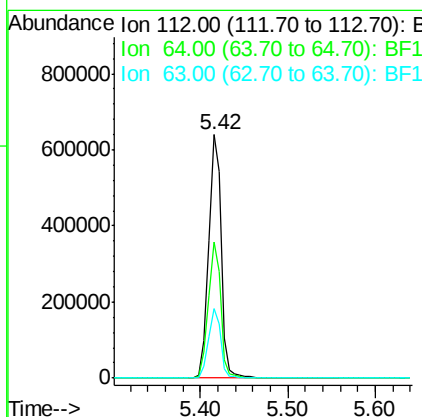
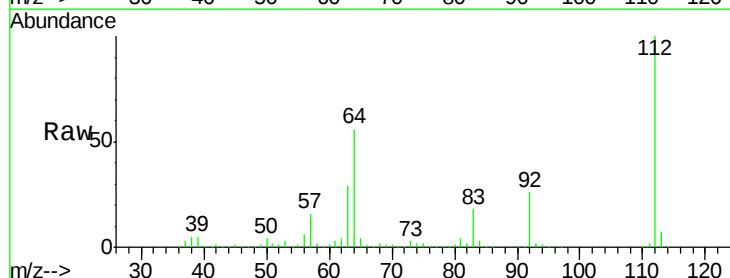
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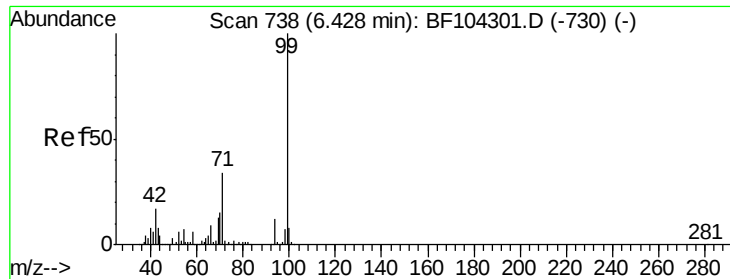
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#5
 2-Fluorophenol
 Concen: 79.319 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104675.D
 Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 79.227 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104675.D

Acq: 20 Apr 2018 15:41

Instrument :

BNA_F

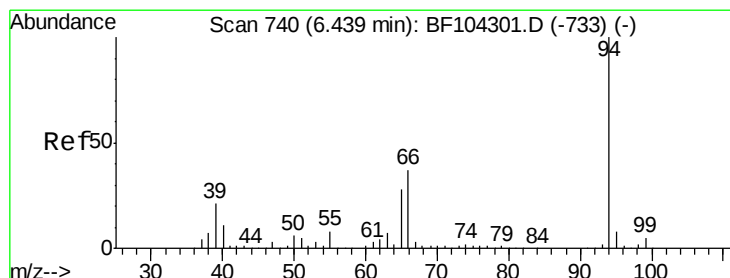
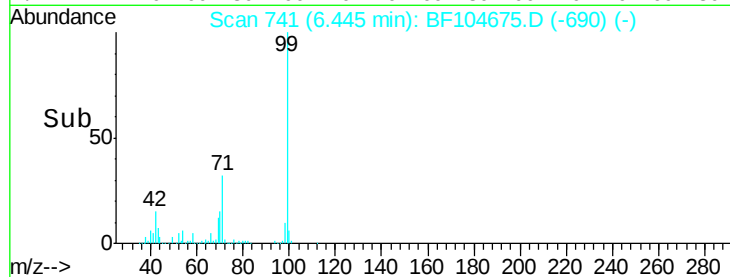
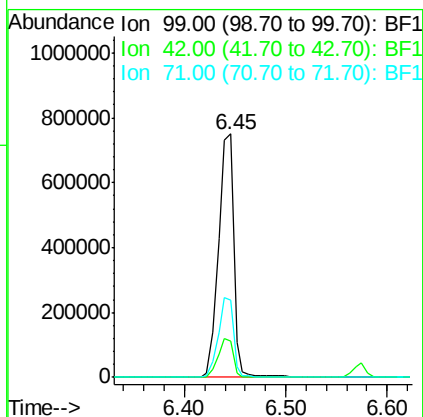
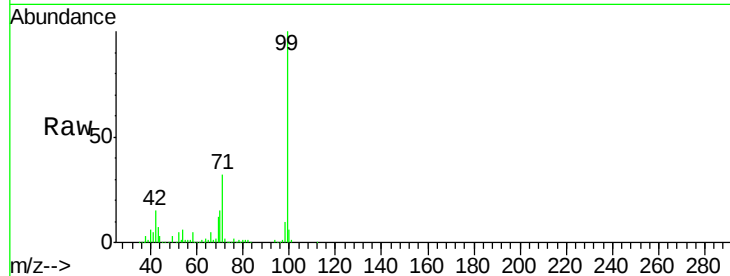
ClientSampleId :

S-5-AT-OUT-FALL-0-6

Tot Ion:	99	Resp:	791847
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	31.7	25.4	38.0

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#10

Phenol

Concen: 2.047 ng

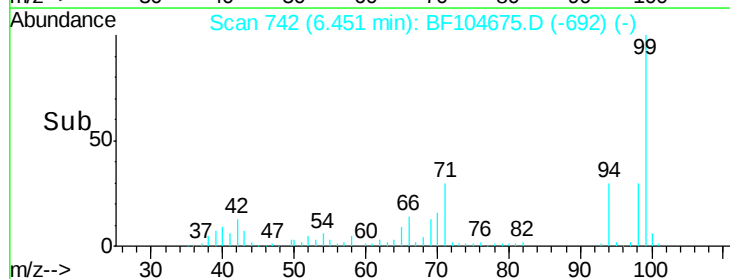
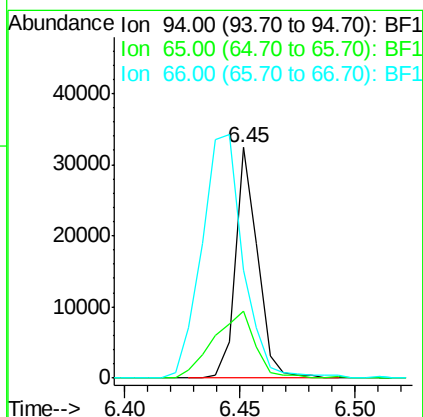
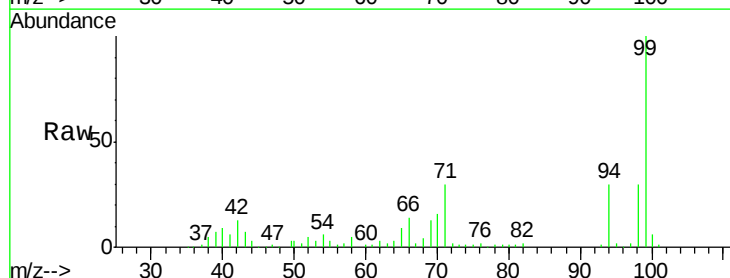
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104675.D

Acq: 20 Apr 2018 15:41

Tgt Ion:	94	Resp:	21710
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	46.9	16.2	56.2





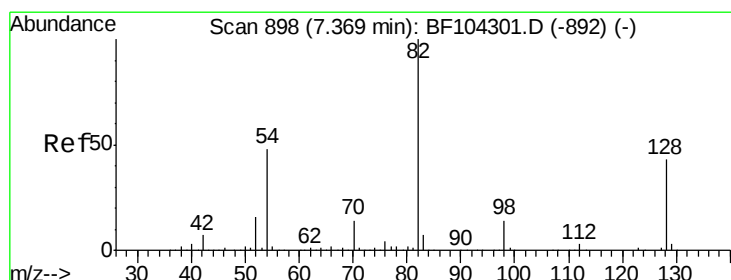
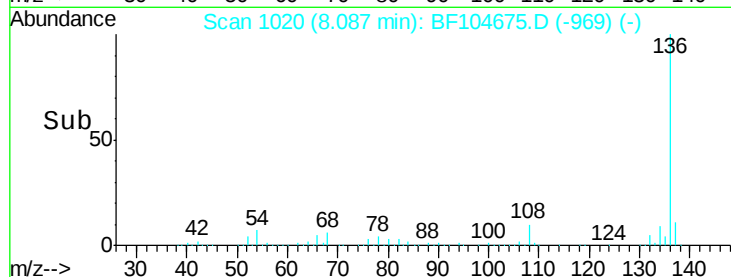
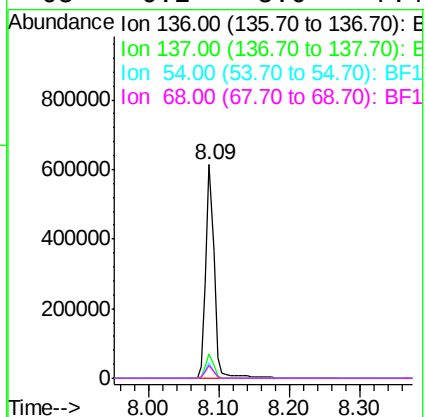
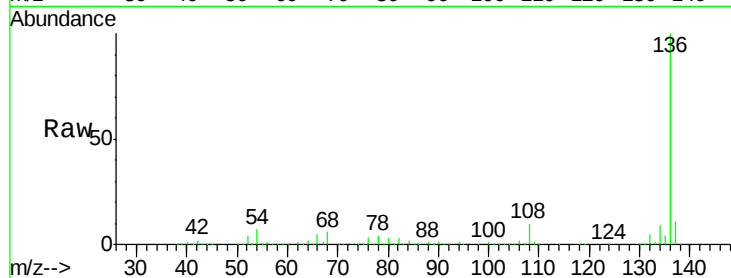
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.0	6.6	9.8	
68	6.2	5.0	7.4	

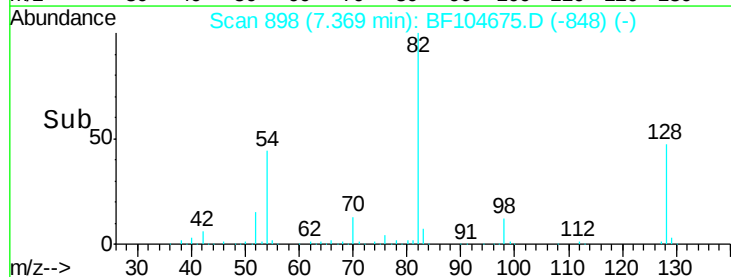
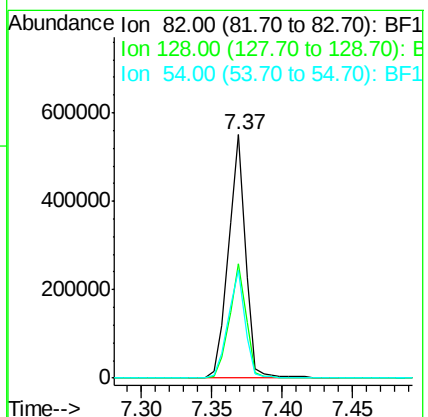
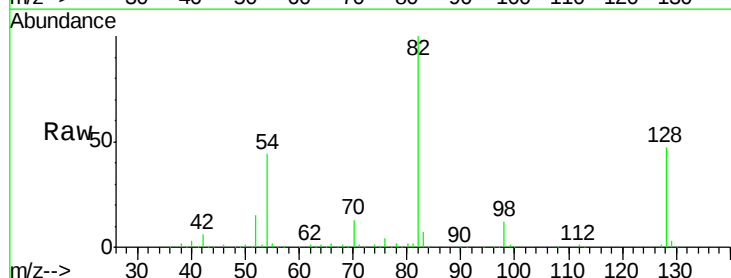
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#23
Nitrobenzene-d5
Concen: 59.958 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.8	36.1	54.1	
54	44.3	41.4	62.2	





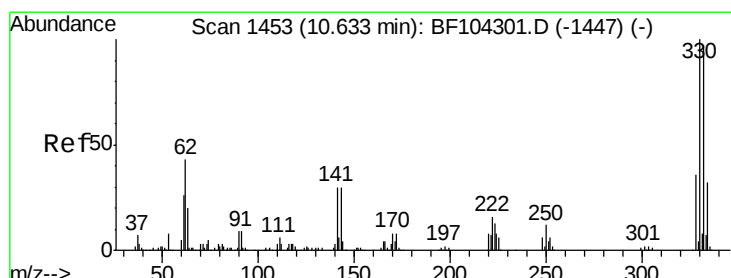
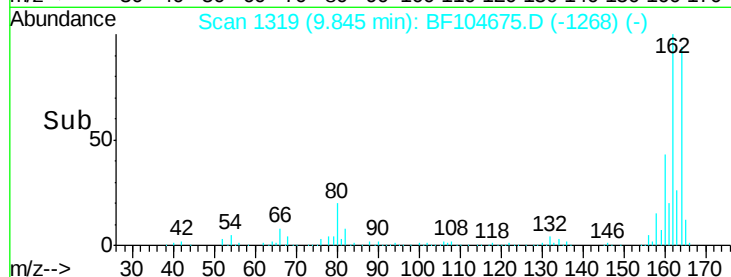
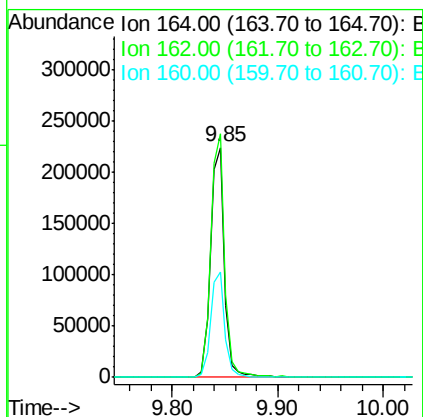
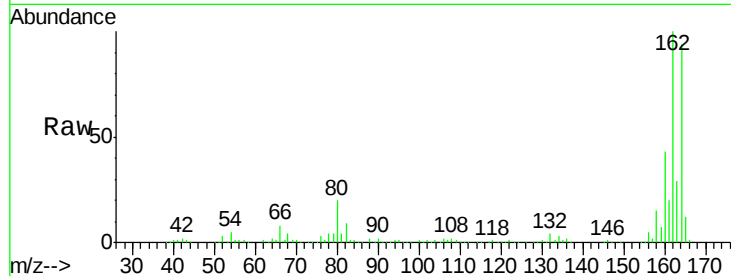
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	86.1	129.1	
160	45.9	38.3	57.5	

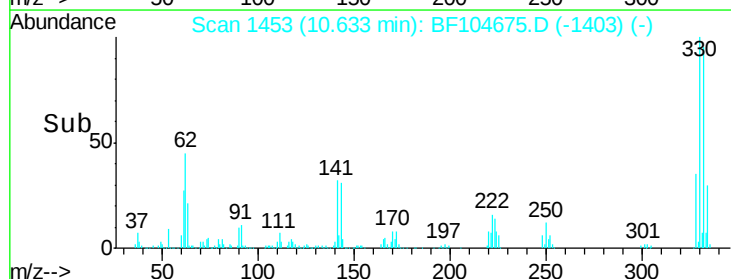
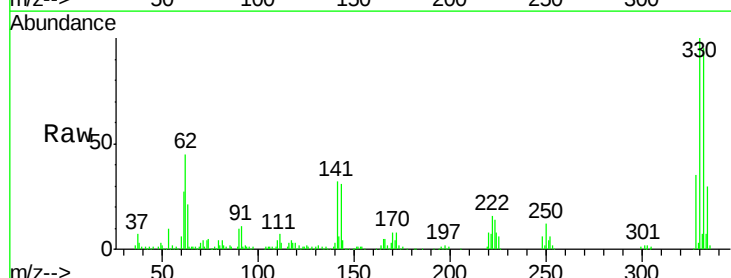
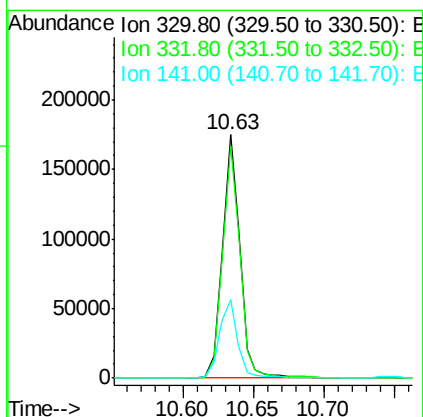
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#41
2,4,6-Tribromophenol
Concen: 69.296 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	33.0	29.9	44.9	





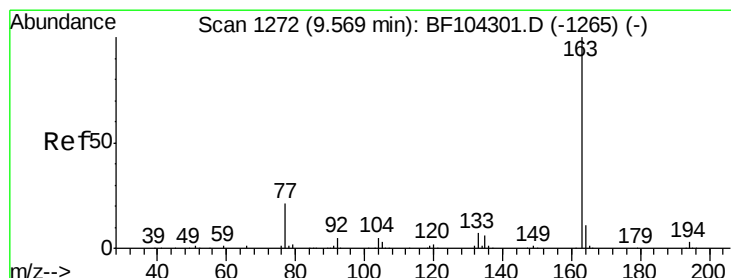
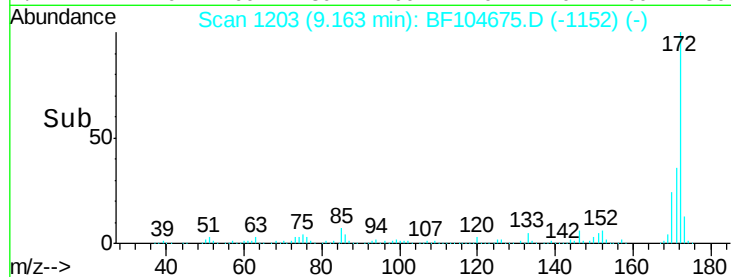
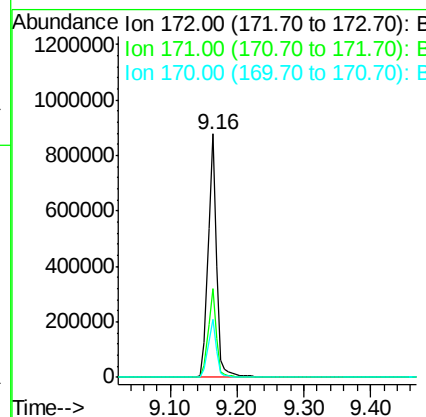
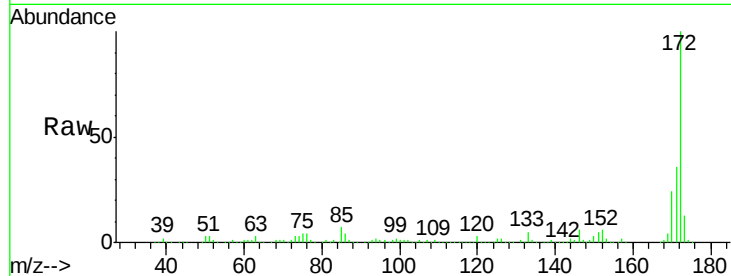
#44
2-Fluorobiphenyl
Concen: 57.084 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

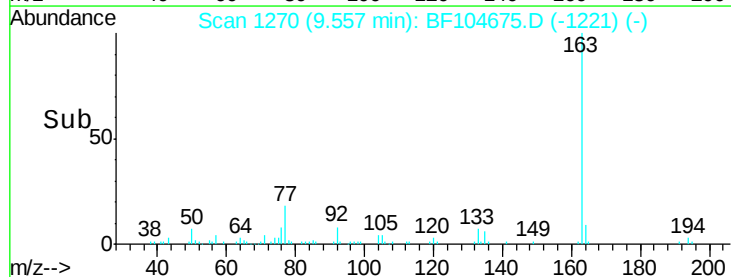
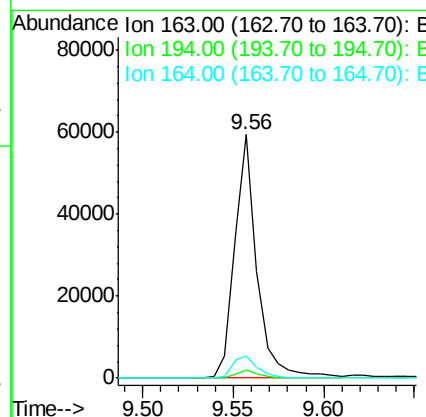
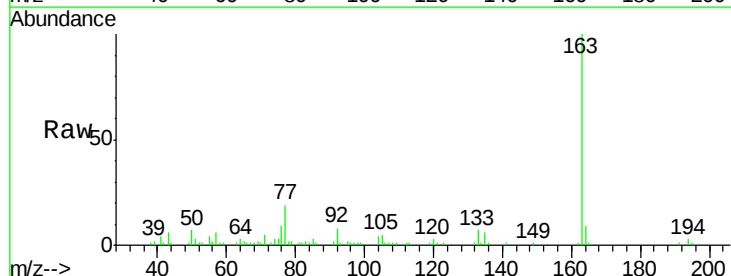
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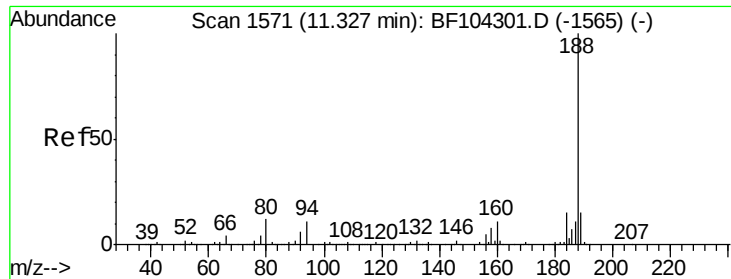
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#49
Dimethylphthalate
Concen: 3.091 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	8.9	8.2	12.2





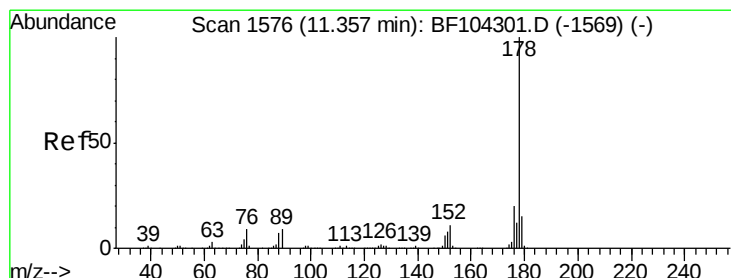
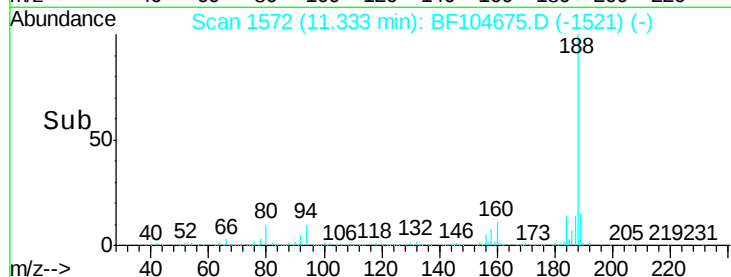
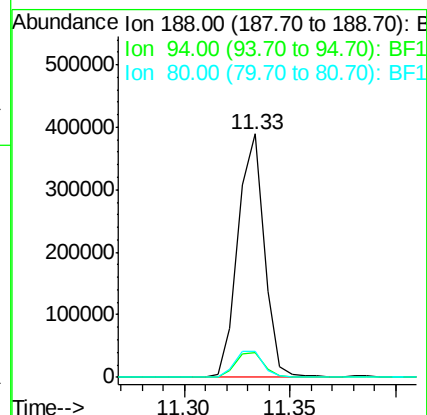
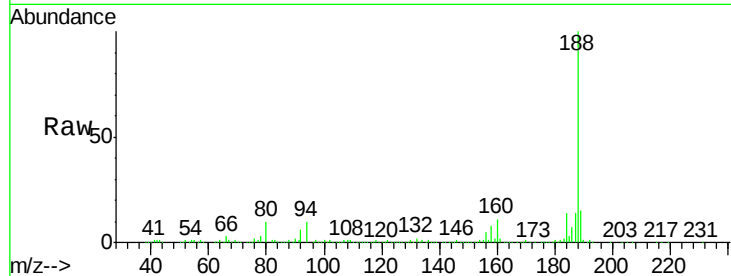
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8

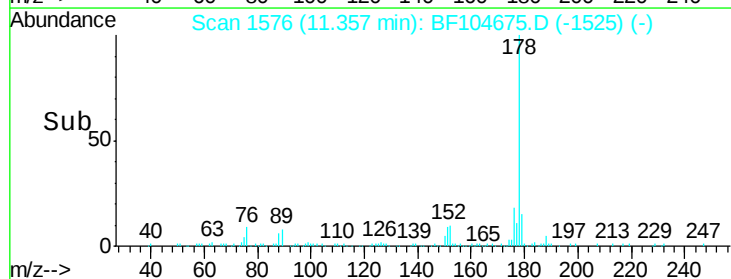
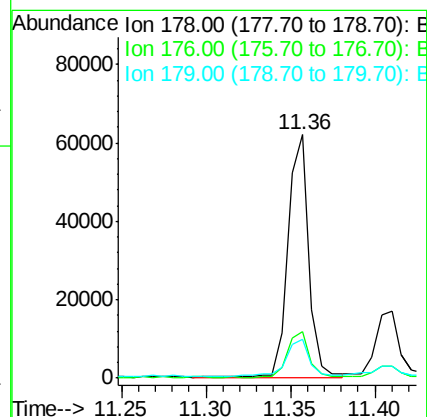
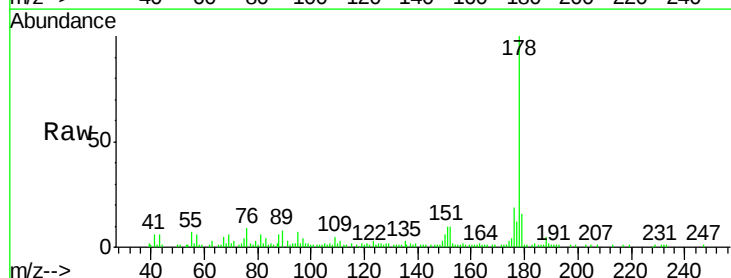
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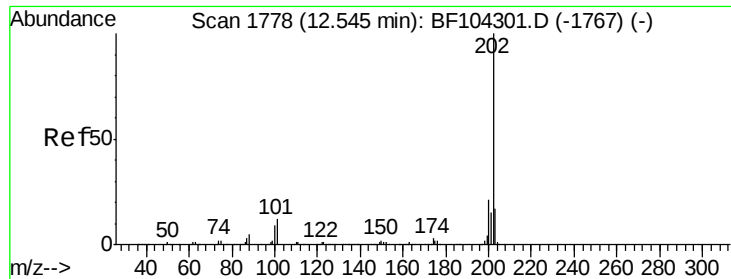
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#70
Phenanthrene
Concen: 2.884 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.9	13.0	19.6





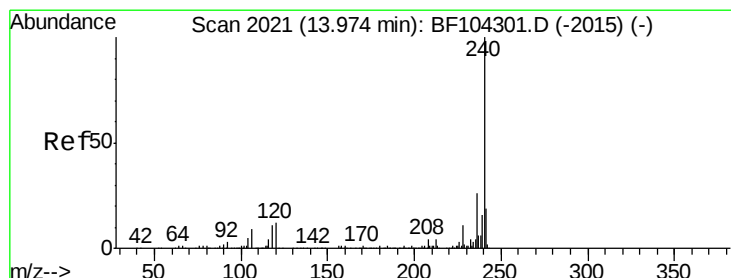
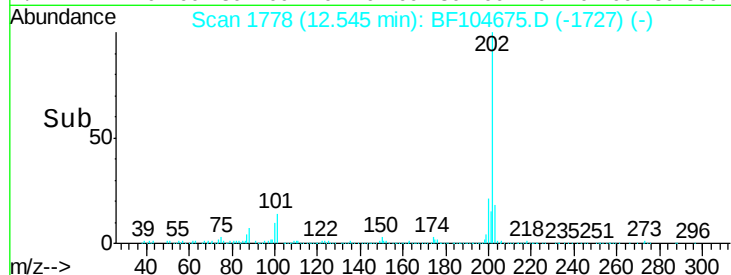
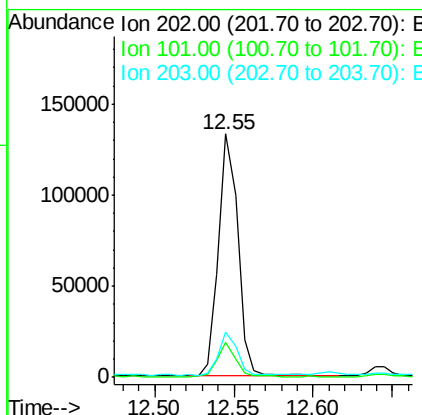
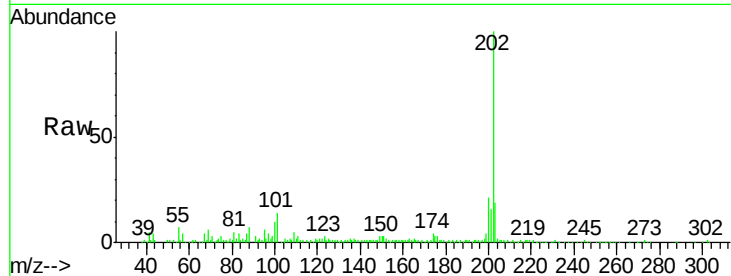
#74
 Fluoranthene
 Concen: 5.867 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF104675.D
 Acq: 20 Apr 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	114424		
101	14.2	0.0	34.1	
203	18.7	0.0	38.1	

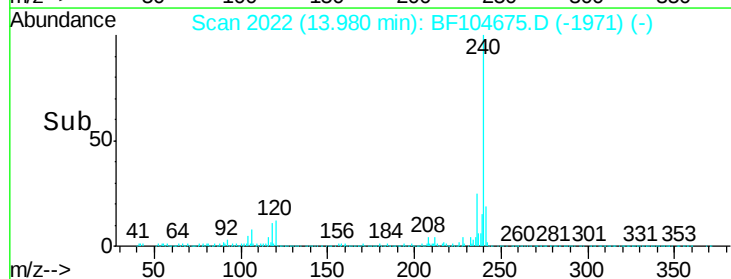
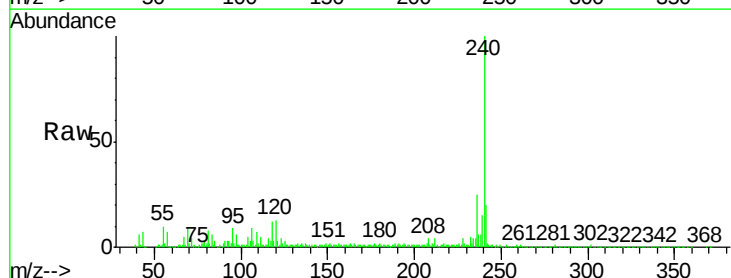
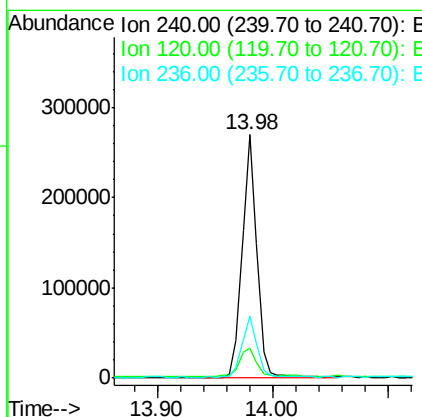
Manual Integrations
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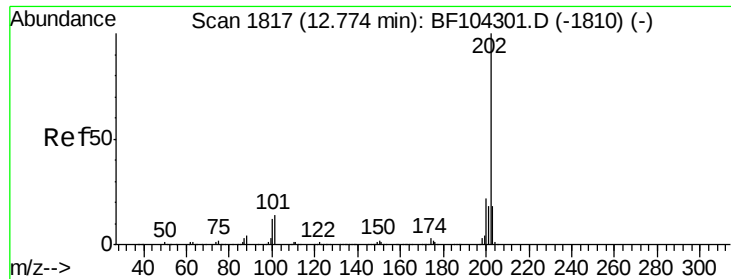
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF104675.D
 Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	237483		
120	12.5	9.5	14.3	
236	25.2	20.7	31.1	





#77

Pvrene

Concen: 5.979 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104675.D

Acq: 20 Apr 2018 15:41

Instrument :

BNA_F

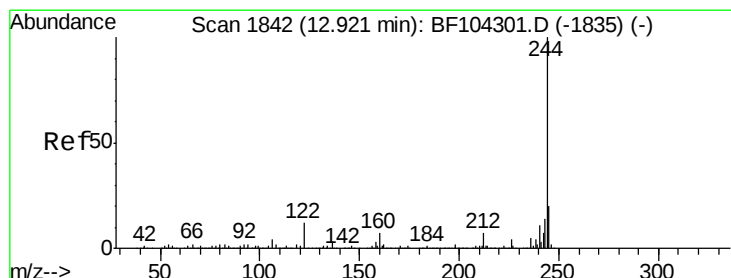
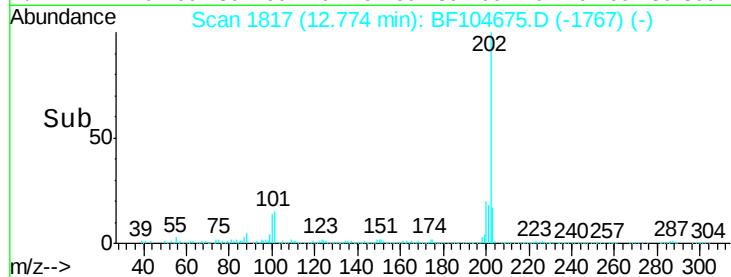
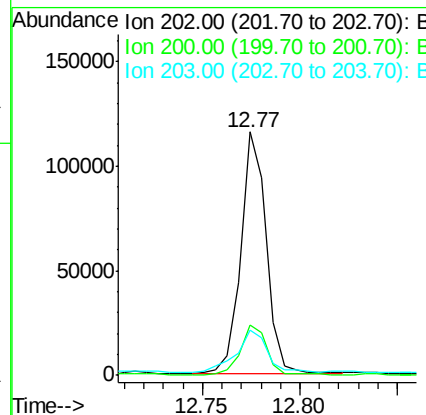
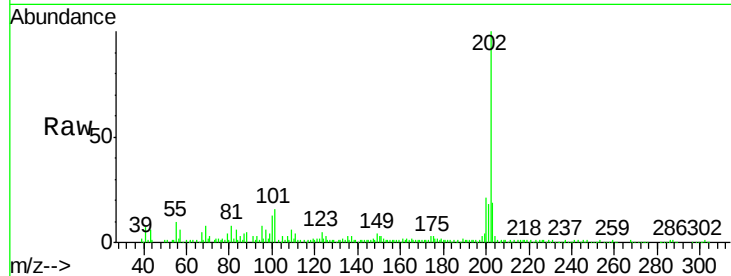
ClientSampleId :

S-5-AT-OUT-FALL-0-6

Tot Ion:	202	Resp:	105248
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 56.395 ng

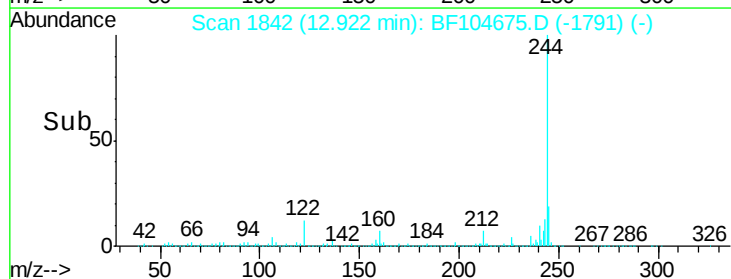
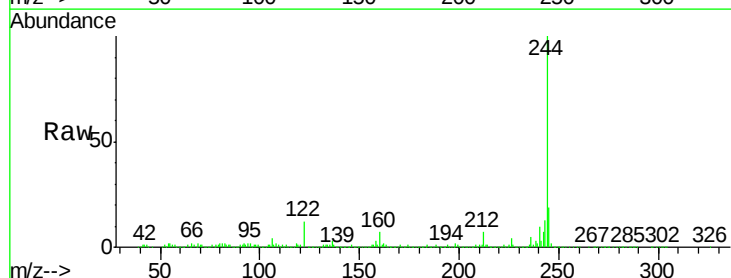
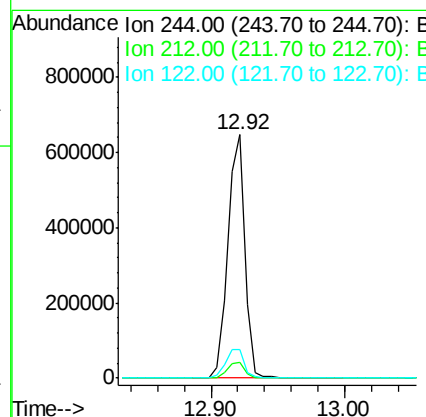
RT: 12.92 min Scan# 1842

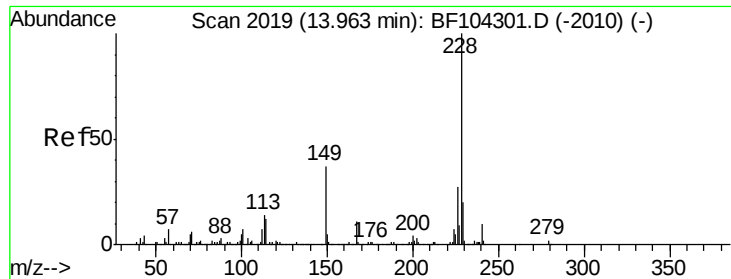
Delta R.T. -0.00 min

Lab File: BF104675.D

Acq: 20 Apr 2018 15:41

Tgt Ion:	244	Resp:	587450
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4





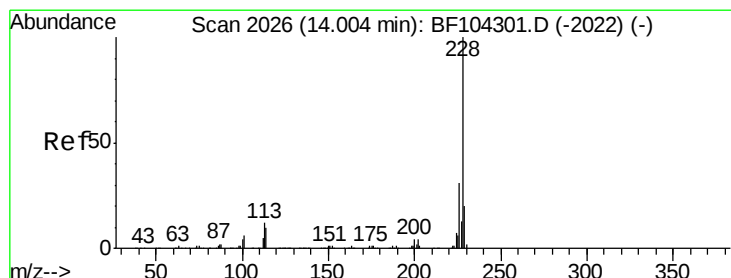
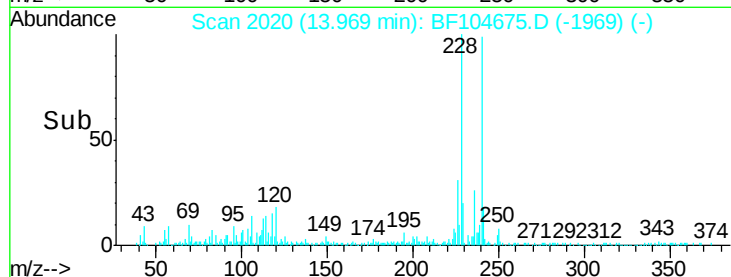
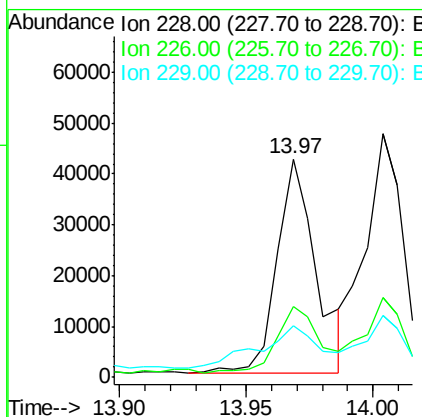
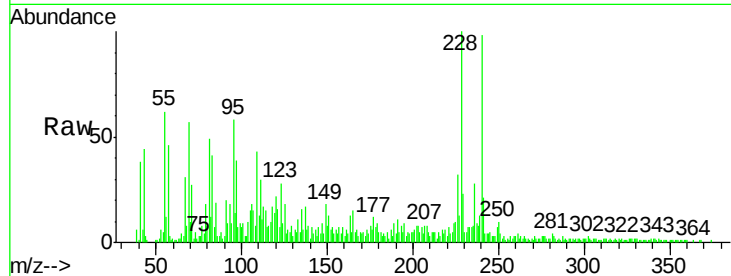
#80
Benzo(a)anthracene
Concen: 3.207 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	23.4	15.8	23.6

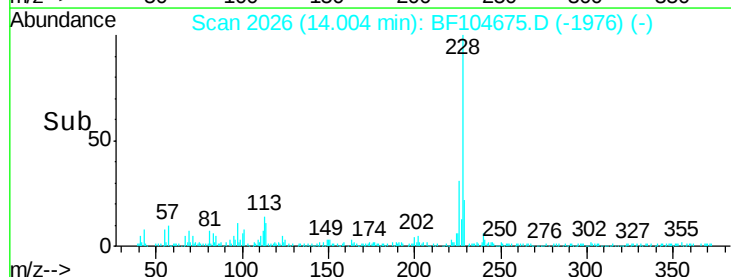
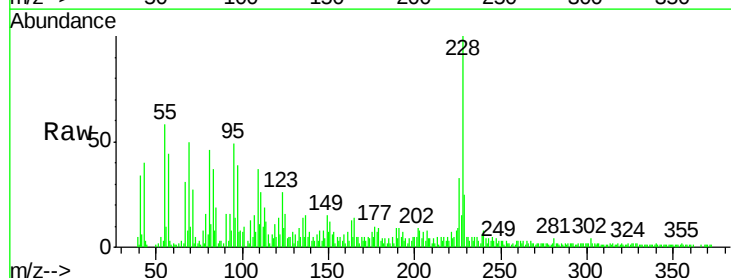
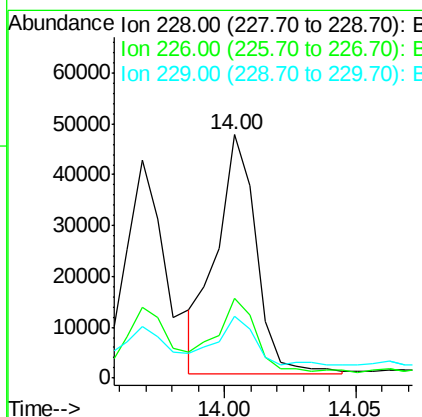
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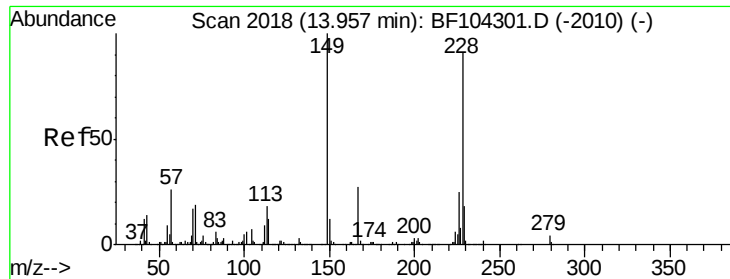
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#82
Chrysene
Concen: 3.460 ng m
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	25.3	16.2	24.4





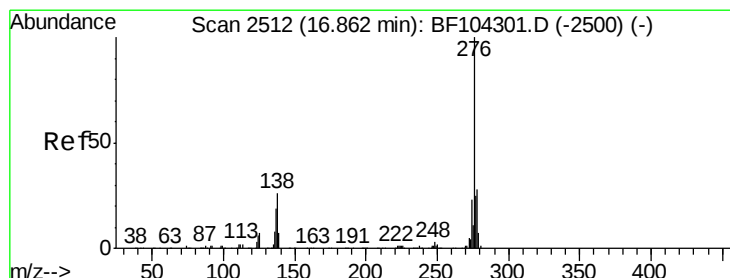
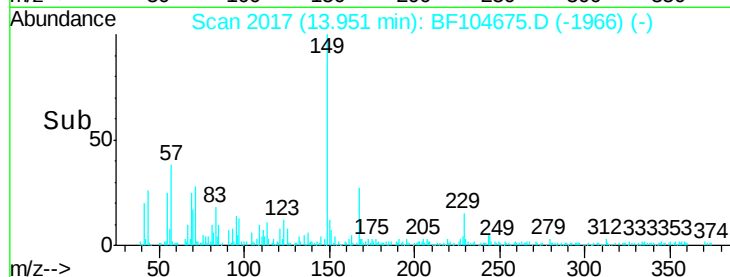
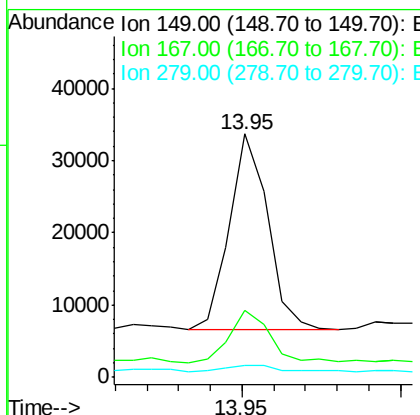
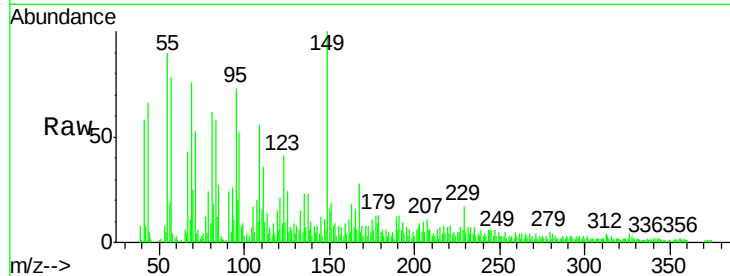
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.120 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.7	3.0	4.4

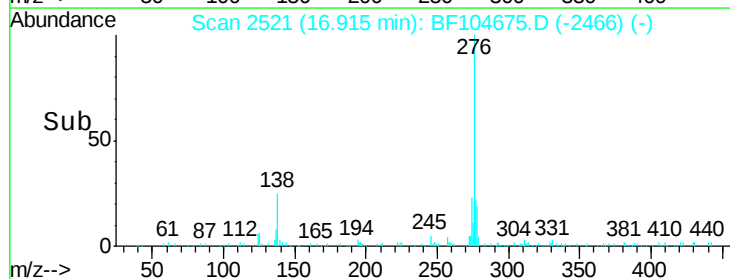
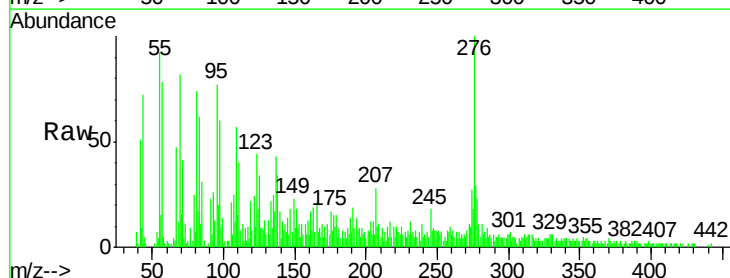
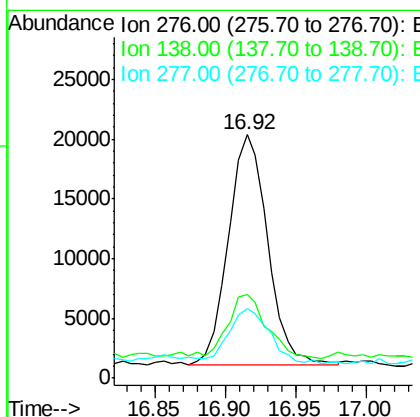
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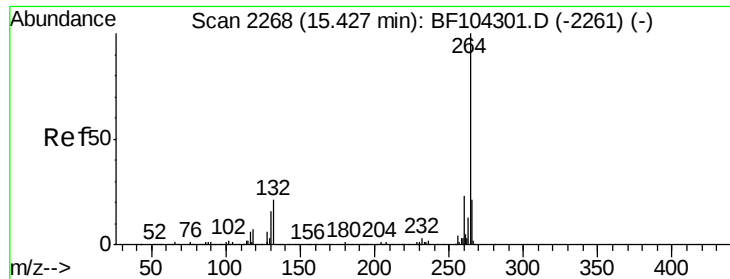
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.011 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	24.3	20.1	30.1





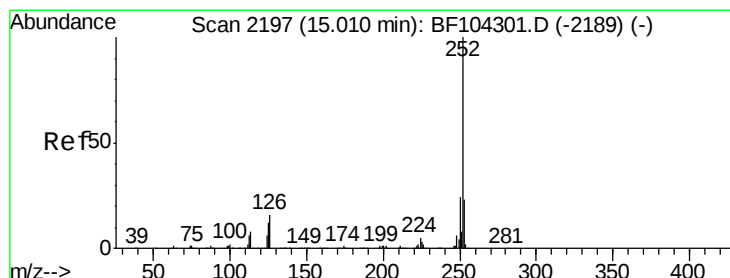
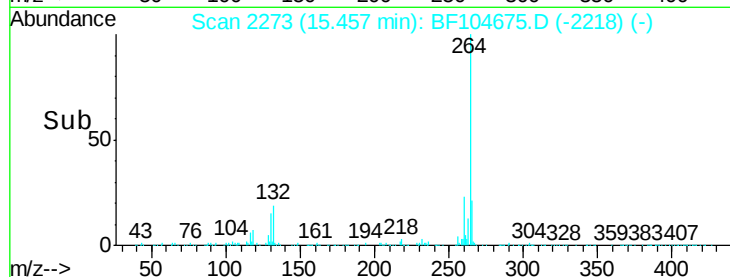
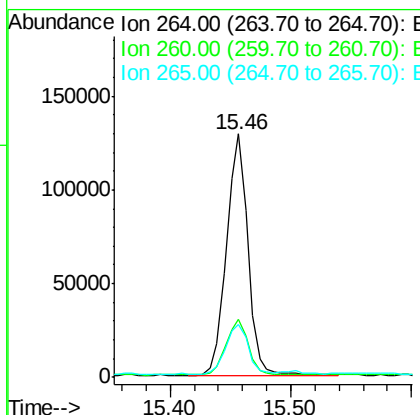
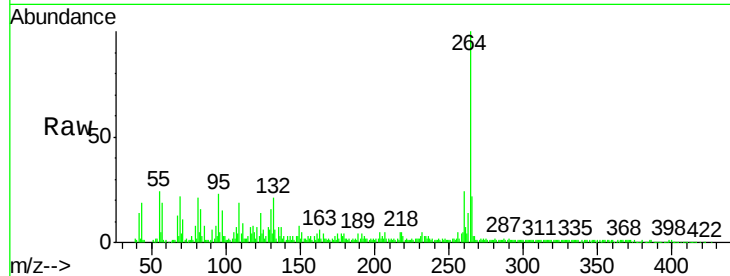
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

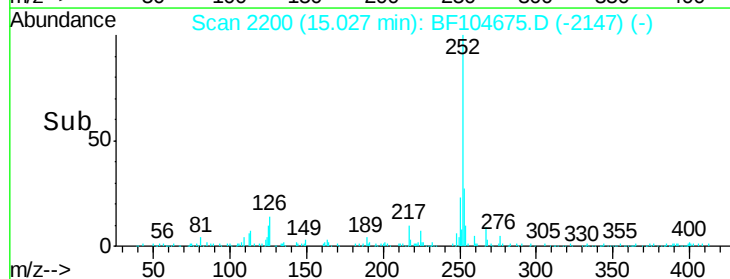
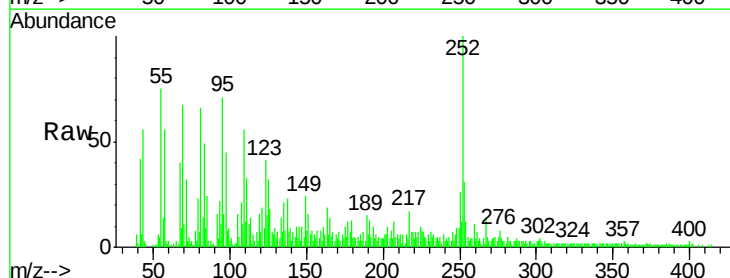
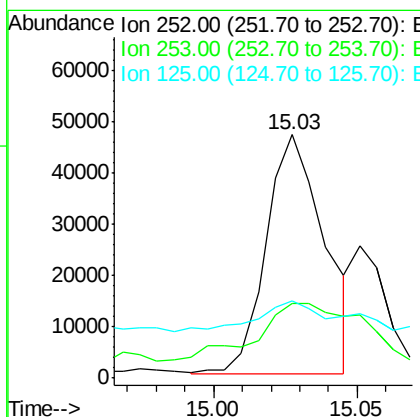
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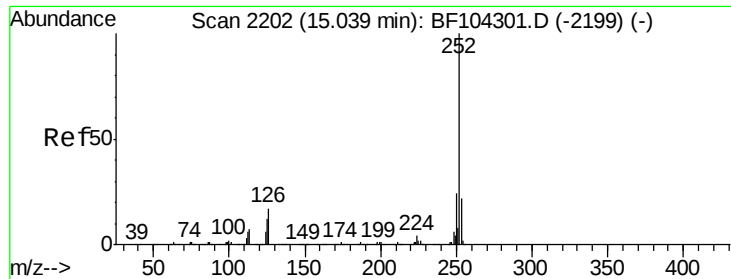
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#87
Benzo(b)fluoranthene
Concen: 6.597 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.0	25.6#
125	31.9	9.0	13.6#





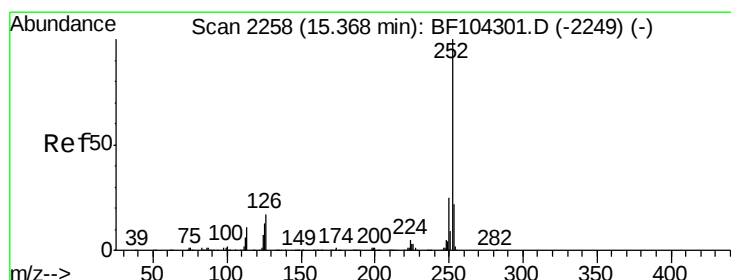
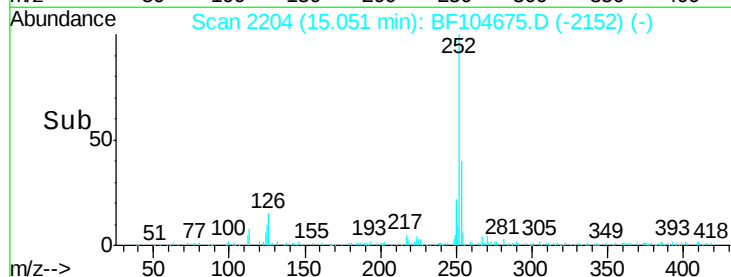
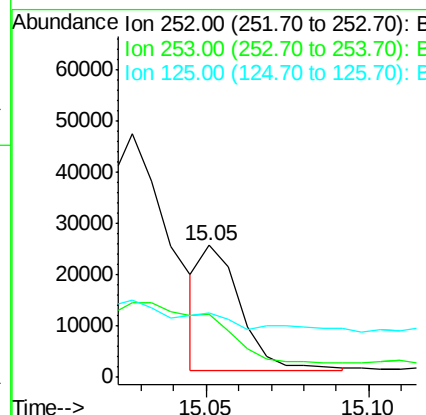
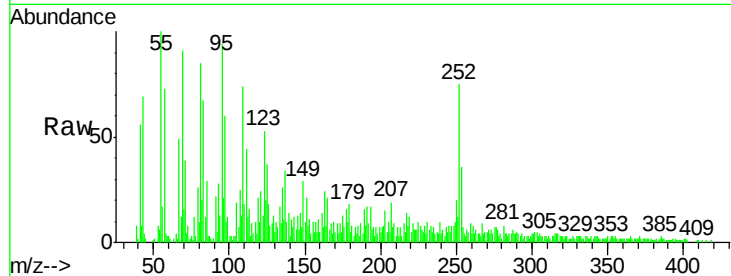
#88
Benzo(k)fluoranthene
Concen: 2.206 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :
S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.4	17.9	26.9#
125	48.7	10.2	15.2#

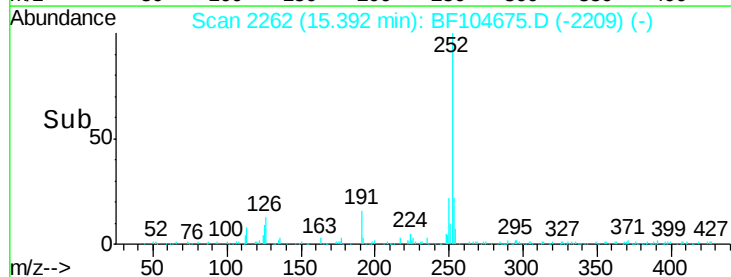
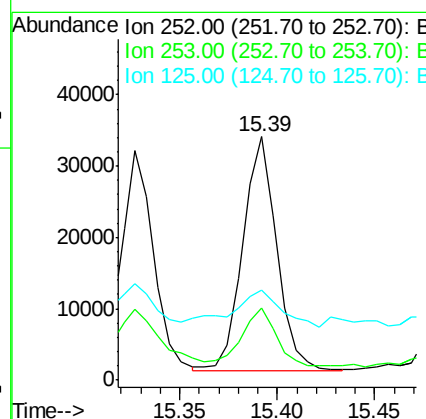
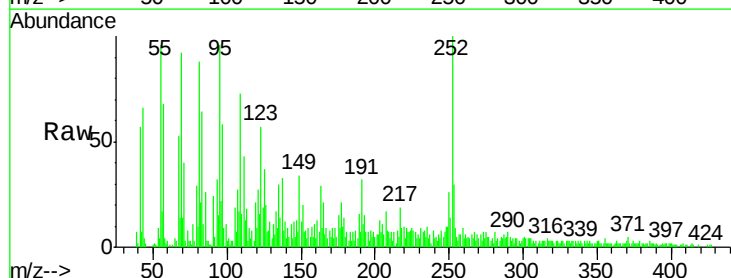
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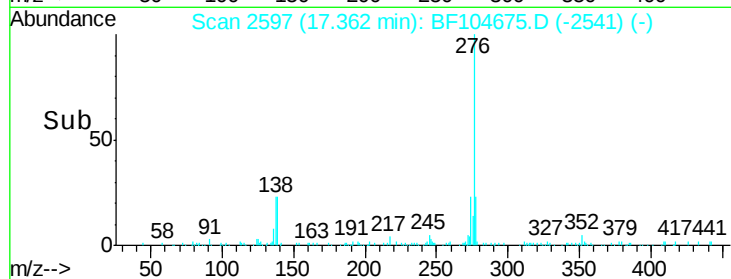
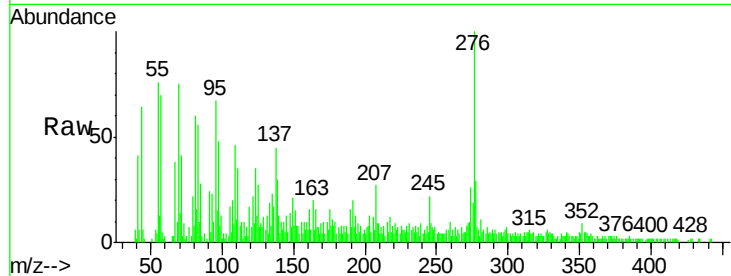
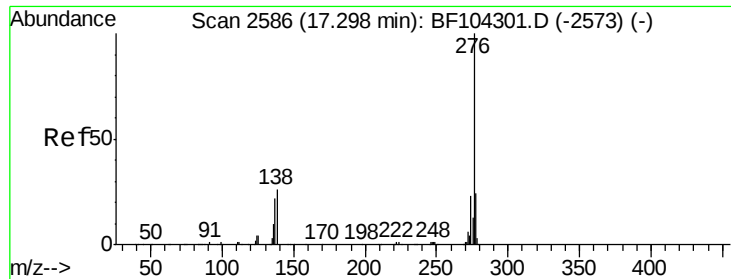
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#89
Benzo(a)pyrene
Concen: 4.390 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF104675.D
Acq: 20 Apr 2018 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.1	25.7#
125	36.9	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 6.103 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. 0.03 min
 Lab File: BF104675.D
 Acq: 20 Apr 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :
 S-5-AT-OUT-FALL-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	29.9	21.8	32.8

Manual Integrations
 APPROVED

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