

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107425.D
 Acq On : 17 Jul 2018 1:38
 Operator : JU/SJ
 Sample : J3975-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-5

Manual Integrations
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 7/17/2018 4:53:25 PM

Quant Time: Jul 17 04:22:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	130815	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	447503	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	212061	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	426539	20.00	ng	0.00
75) Chrysene-d12	14.17	240	384534	20.00	ng	0.00
86) Perylene-d12	15.71	264	262466	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	738103	85.69	ng	0.01
7) Phenol-d6	6.61	99	917942	82.43	ng	0.01
23) Nitrobenzene-d5	7.54	82	606689	72.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	155859	83.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	670020	47.96	ng	0.00
78) Terphenyl-d14	13.11	244	672308	43.44	ng	0.00
Target Compounds						
10) Phenol	6.61	94	30260	2.535	ng	# 46
49) Dimethylphthalate	9.73	163	216094	12.825	ng	# 97
70) Phenanthrene	11.54	178	77512	3.646	ng	99
74) Fluoranthene	12.75	202	159141	6.587	ng	90
77) Pyrene	12.97	202	151187	5.782	ng	95
80) Benzo(a)anthracene	14.16	228	84794	3.604	ng	# 93
82) Chrysene	14.19	228	85537	3.806	ng	96
83) Bis(2-ethylhexyl)phthalate	14.13	149	328815	24.090	ng	95
84) Di-n-octyl phthalate	14.75	149	67243	3.169	ng	# 4
87) Benzo(b)fluoranthene	15.24	252	77989m	5.077	ng	
89) Benzo(a)pyrene	15.64	252	48717	3.455	ng	# 83

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

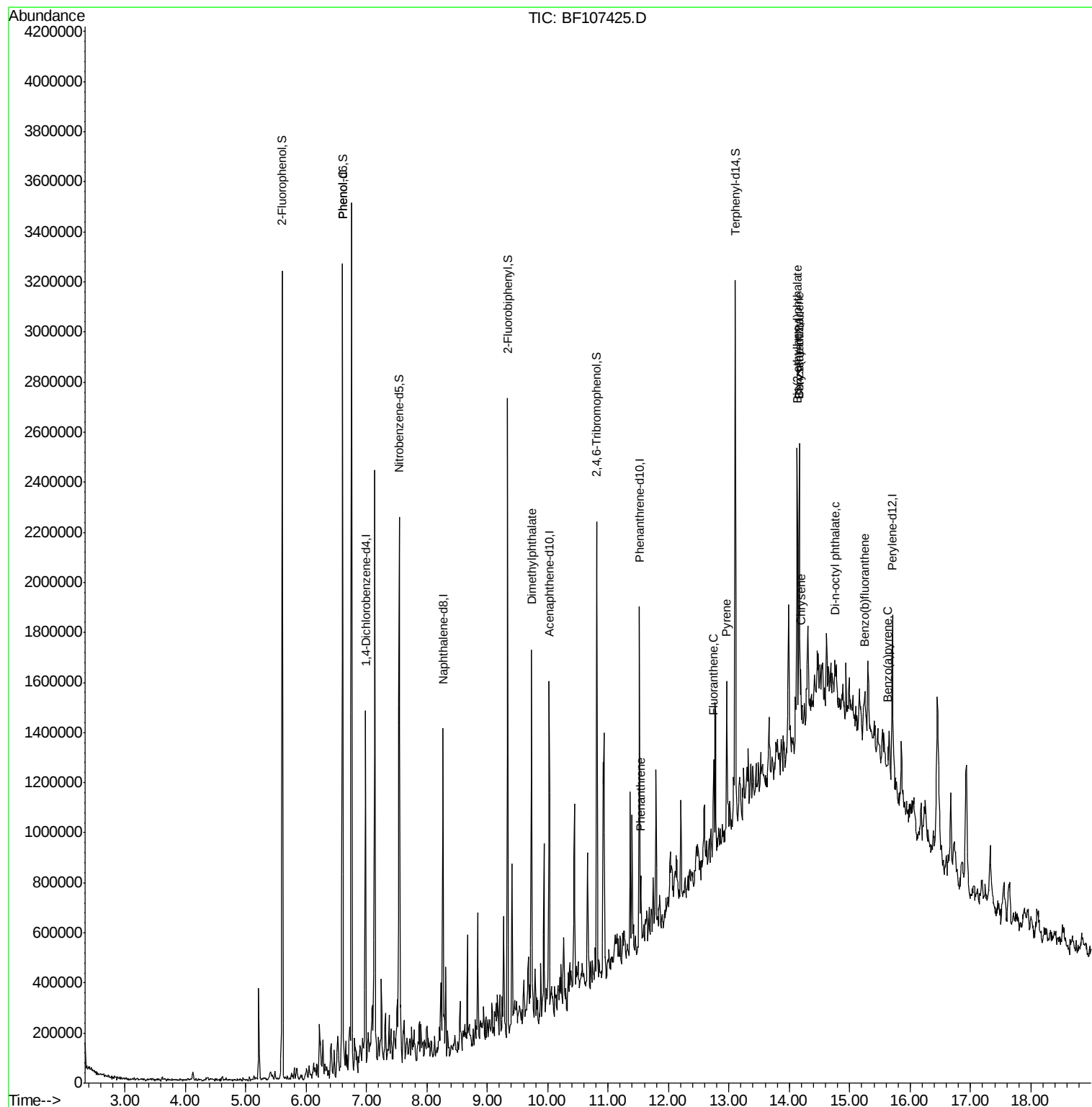
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107425.D
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Sample : J3975-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

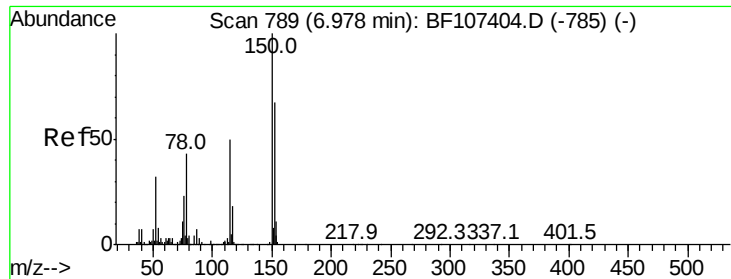
Instrument :
BNA_F
ClientSampleId :
PAR-5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

ClientSampleId :

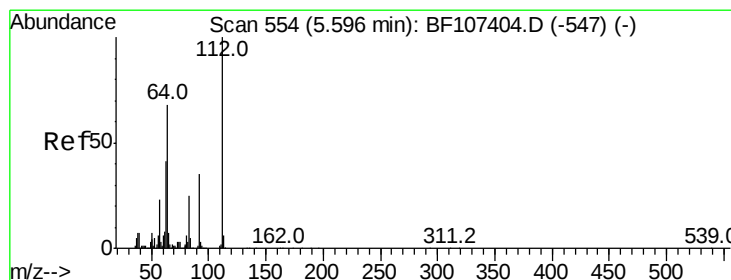
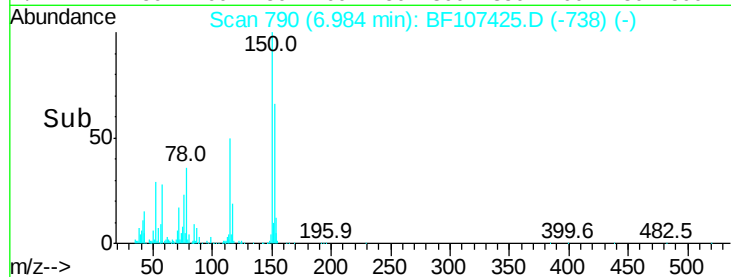
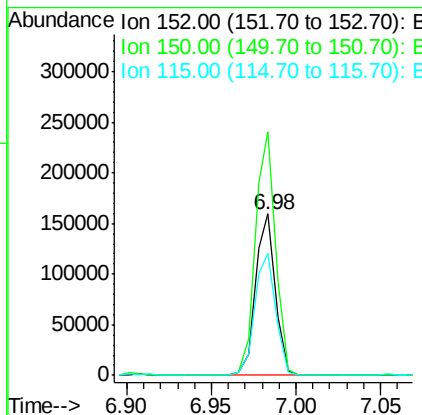
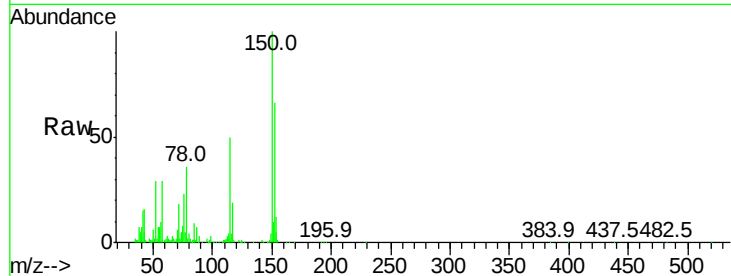
PAR-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.6	186.8
115	75.9	50.1	75.1#

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#5

2-Fluorophenol

Concen: 85.693 ng

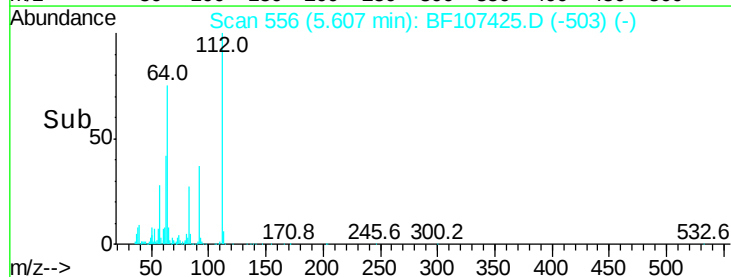
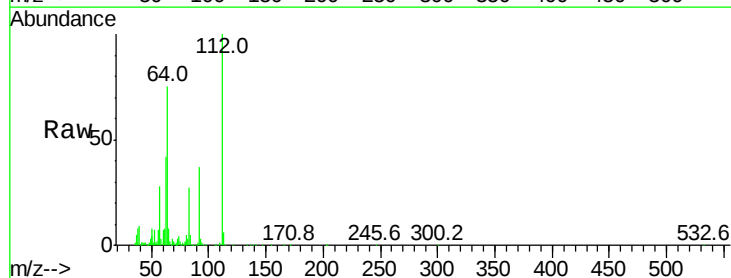
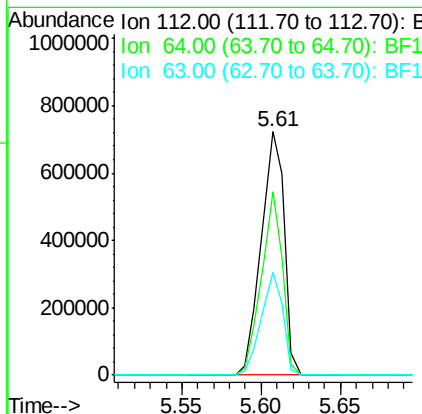
RT: 5.61 min Scan# 556

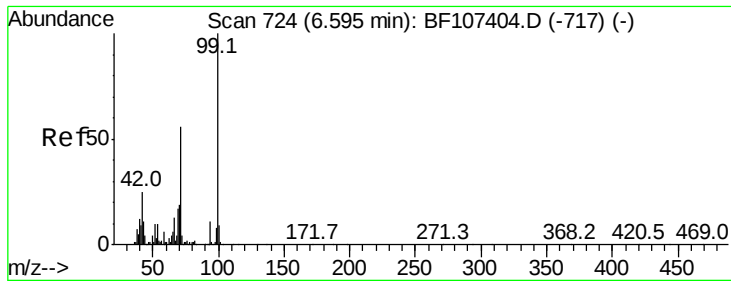
Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.3	47.9	71.9#
63	42.3	23.7	35.5#





#7

Phenol-d6

Concen: 82.429 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

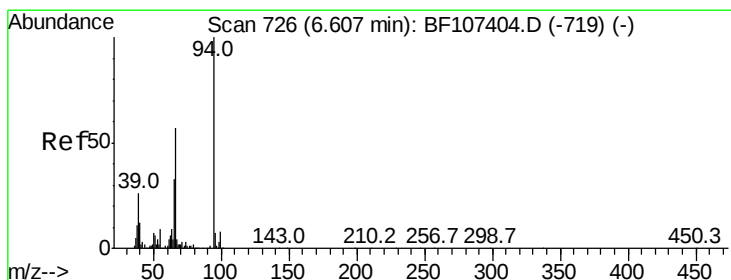
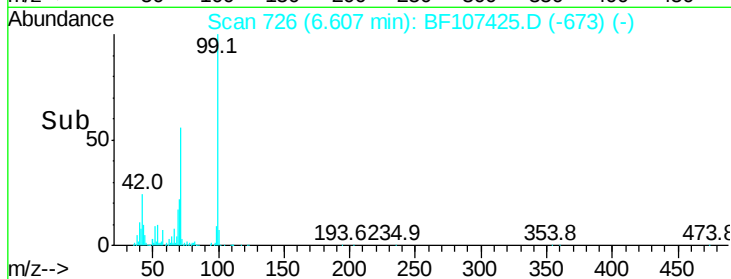
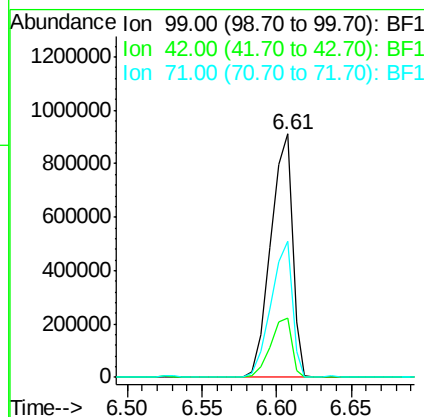
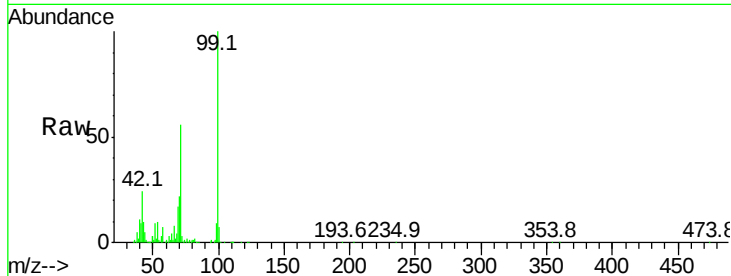
ClientSampleId :

PAR-5

Tot Ion	Ratio	Resp	Lower	Upper
99	100	917942		
42	24.3	14.5	21.7#	
71	55.8	25.4	38.0#	

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#10

Phenol

Concen: 2.535 ng

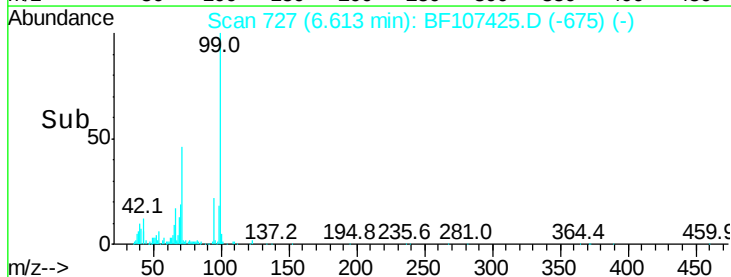
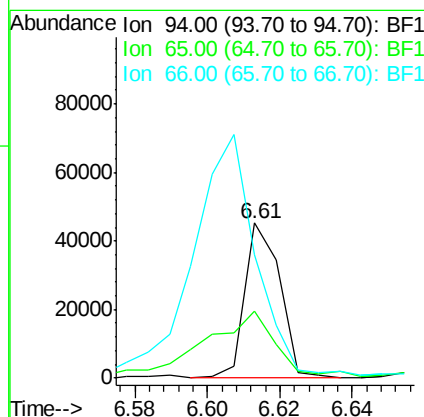
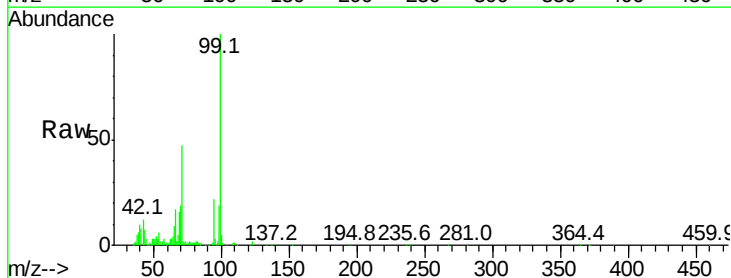
RT: 6.61 min Scan# 727

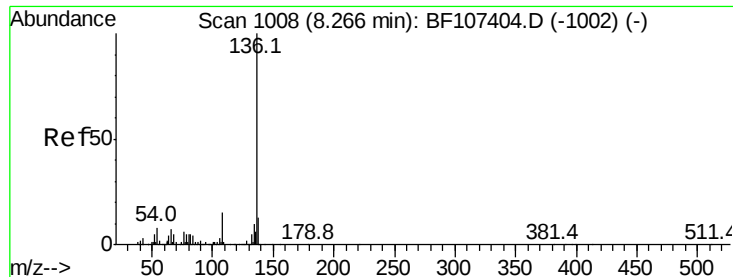
Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	30260		
65	43.5	7.9	47.9	
66	79.4	16.2	56.2#	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

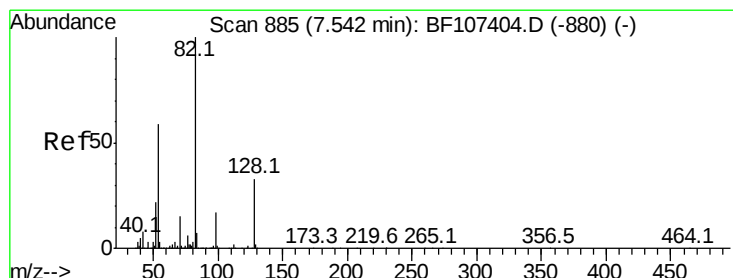
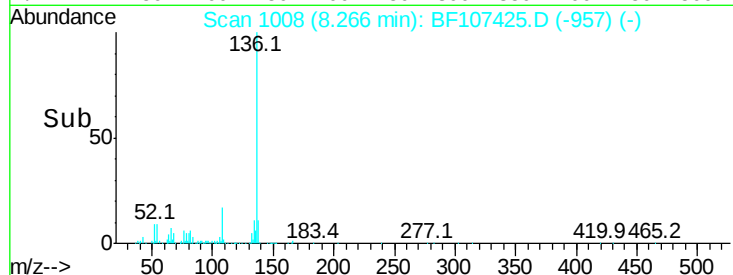
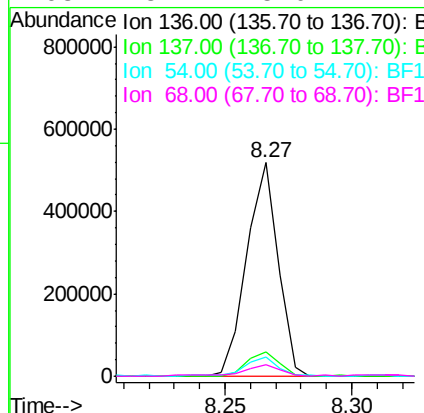
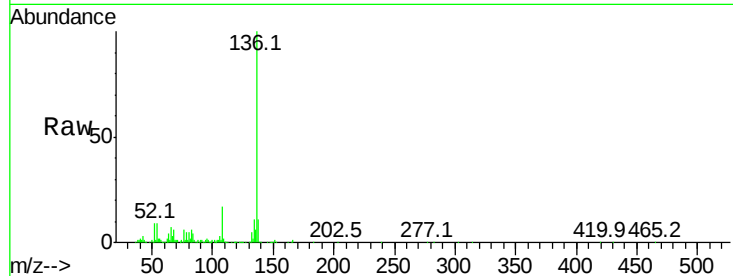
ClientSampleId :

PAR-5

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.2	6.6	9.8
68	5.7	5.0	7.4

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#23

Nitrobenzene-d5

Concen: 72.293 ng

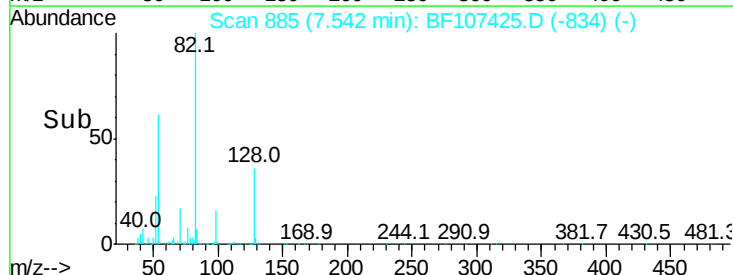
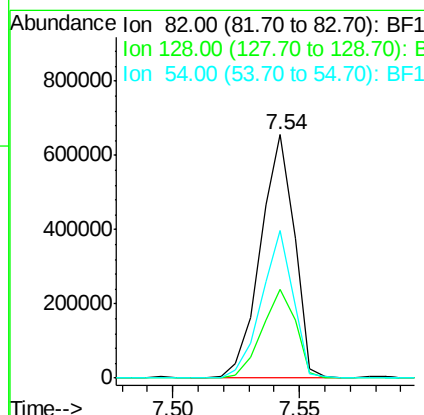
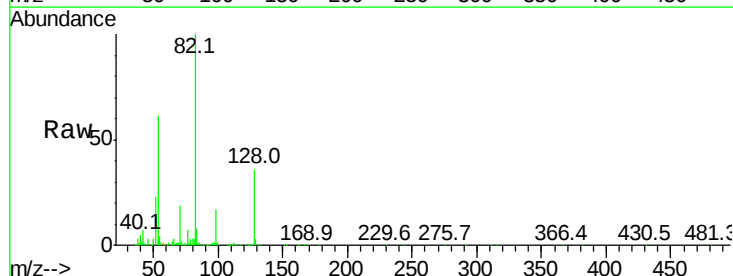
RT: 7.54 min Scan# 885

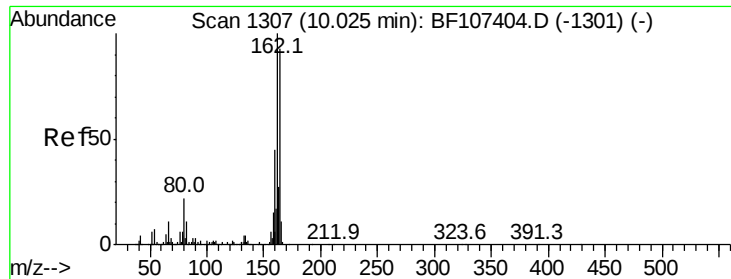
Delta R.T. -0.00 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	36.2	36.1	54.1
54	60.8	41.4	62.2





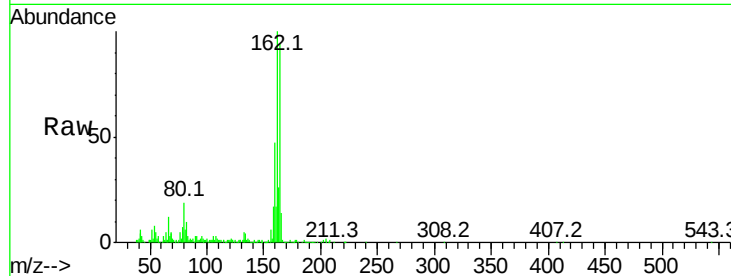
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Instrument :
BNA_F
ClientSampleId :
PAR-5

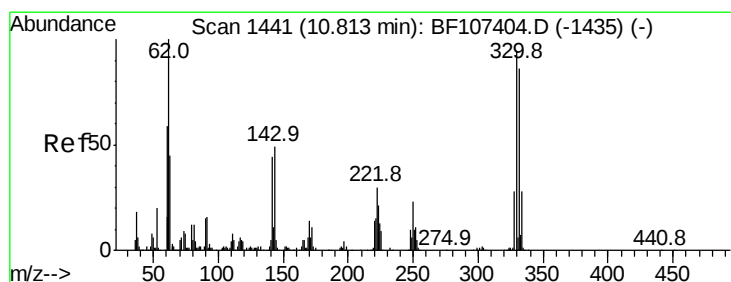
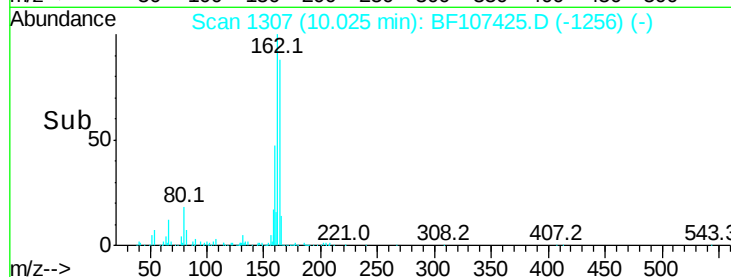
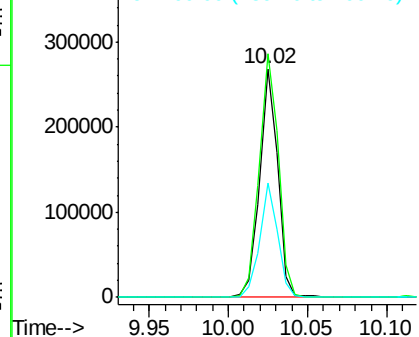
Tot Ion	Ratio	Resp	Lower	Upper
164	100	212061		
162	106.5	86.1	129.1	
160	49.9	38.3	57.5	

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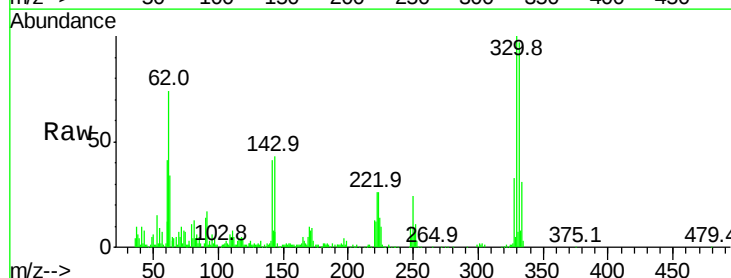


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

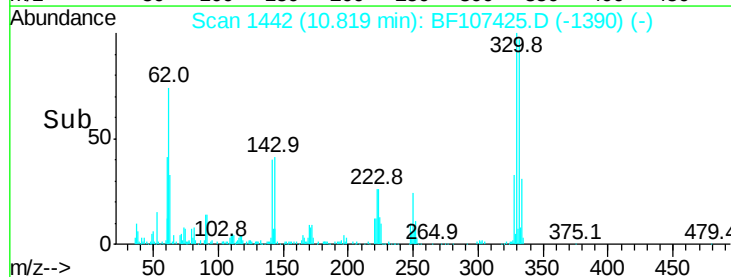
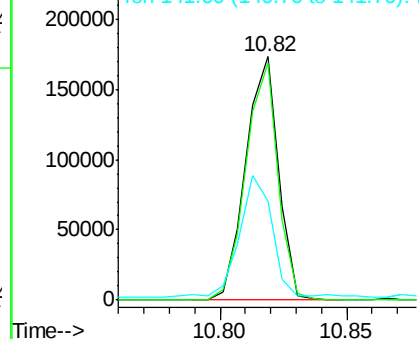


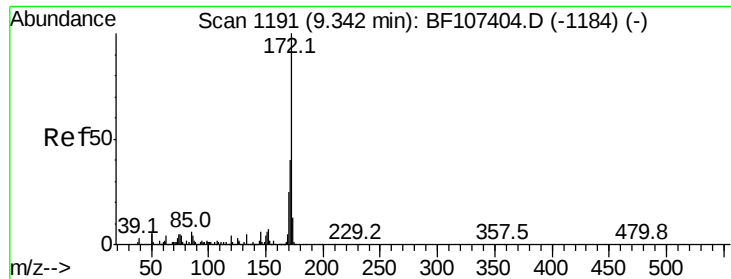
#41
2,4,6-Tribromophenol
Concen: 83.651 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155859		
332	95.4	77.0	115.6	
141	51.9	29.9	44.9#	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





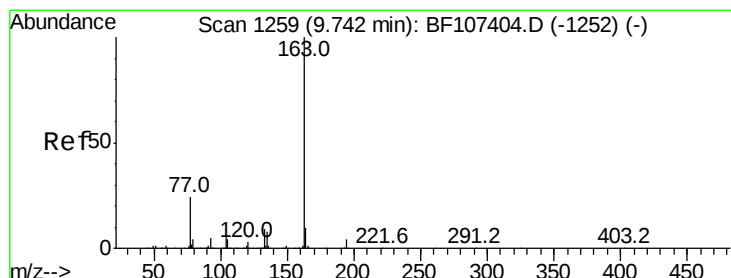
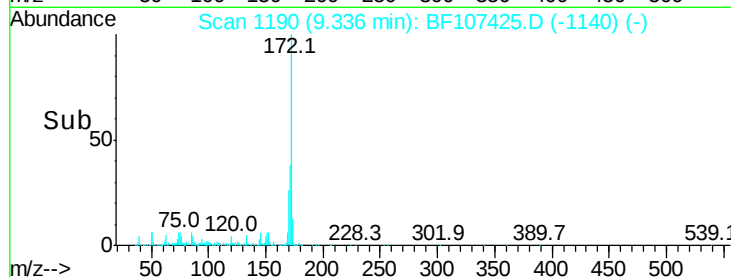
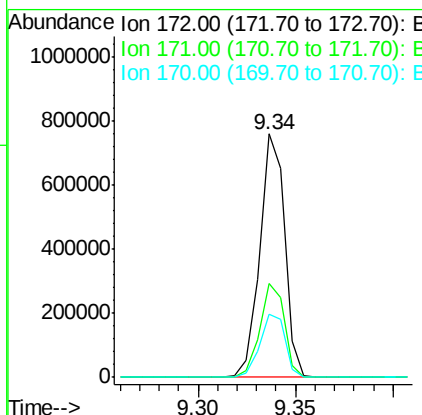
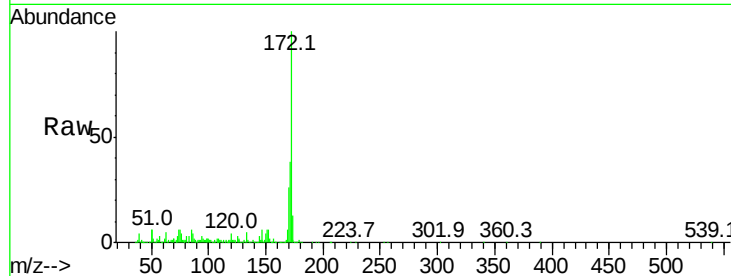
#44
2-Fluorobiphenyl
Concen: 47.957 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Instrument :
BNA_F
ClientSampled :
PAR-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.1	19.6	29.4

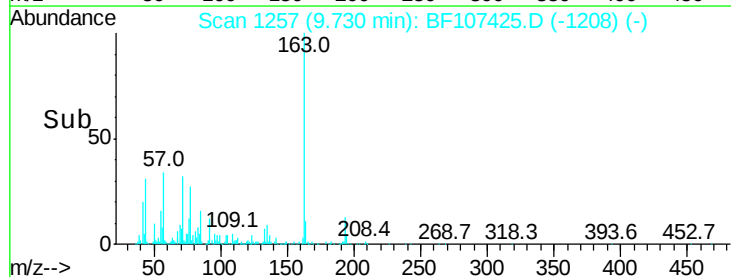
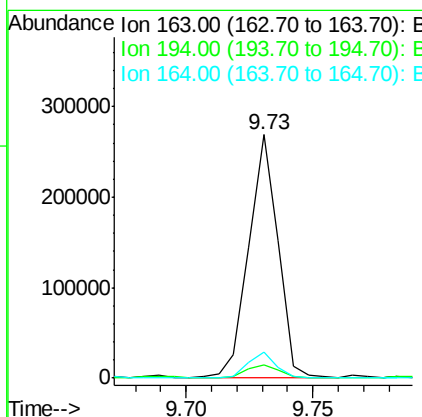
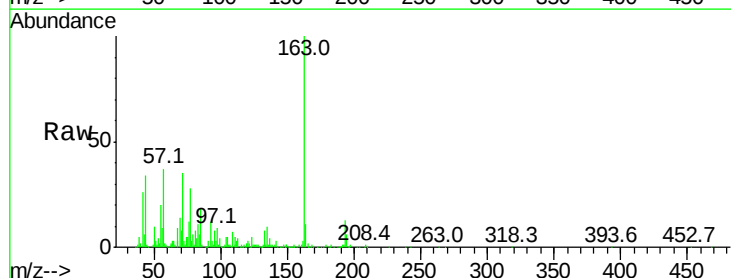
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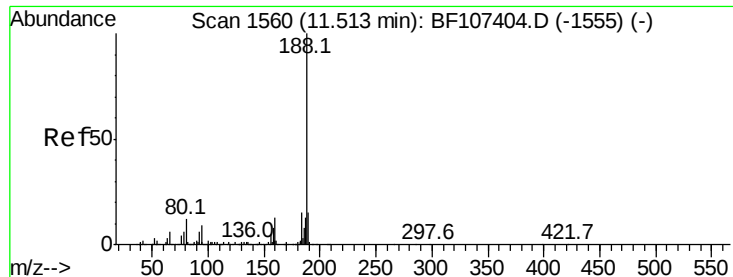
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#49
Dimethylphthalate
Concen: 12.825 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	10.8	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

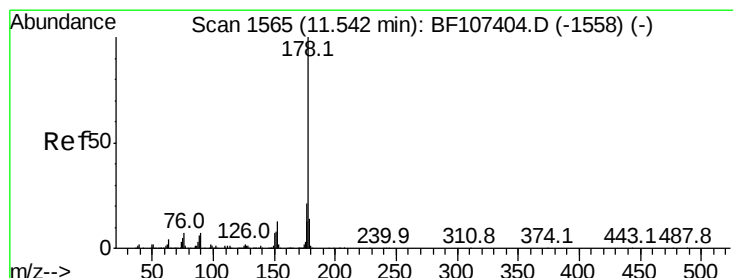
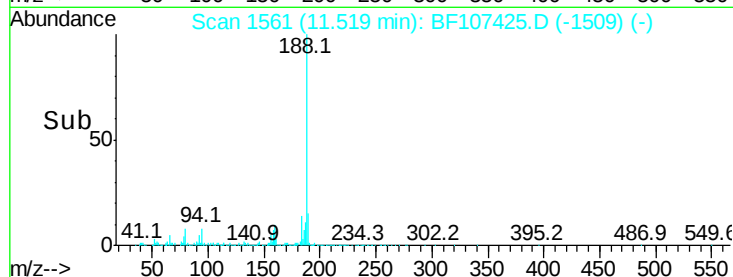
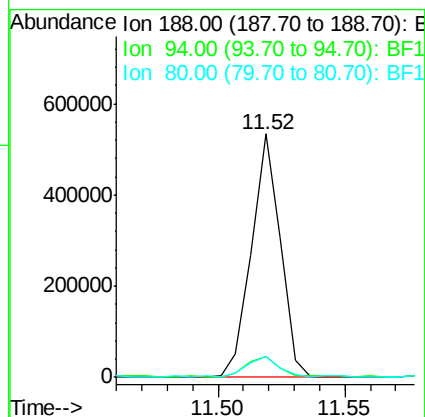
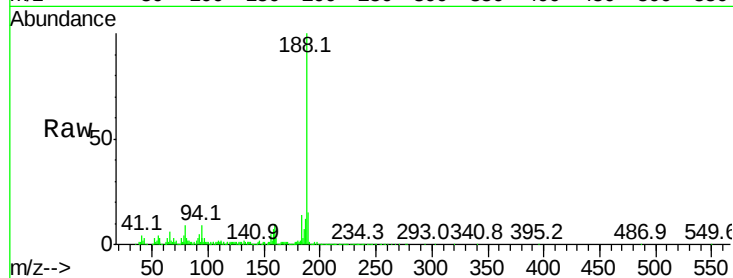
ClientSampleId :

PAR-5

Tot Ion:	188	Resp:	426539
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	8.5	9.2	13.8#

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#70

Phenanthrene

Concen: 3.646 ng

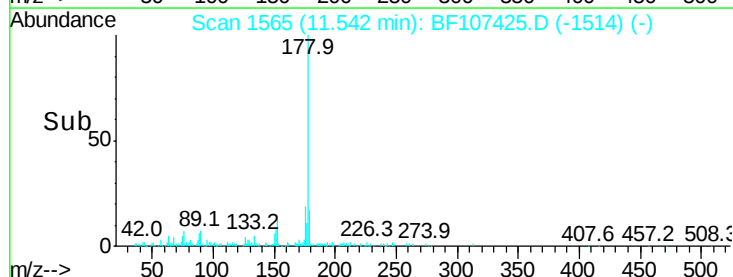
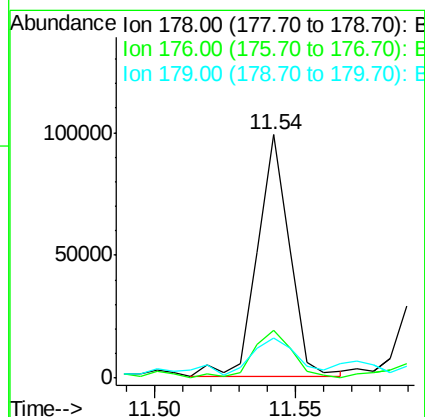
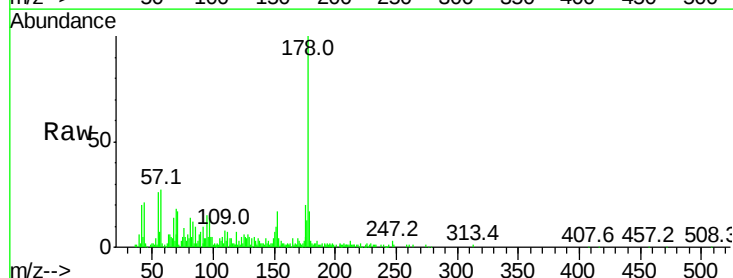
RT: 11.54 min Scan# 1565

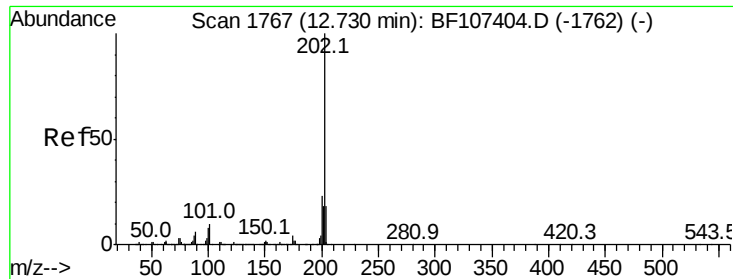
Delta R.T. -0.00 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion:	178	Resp:	77512
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	16.6	13.0	19.6





#74

Fluoranthene

Concen: 6.587 ng

RT: 12.75 min Scan# 1770

Delta R.T. 0.02 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

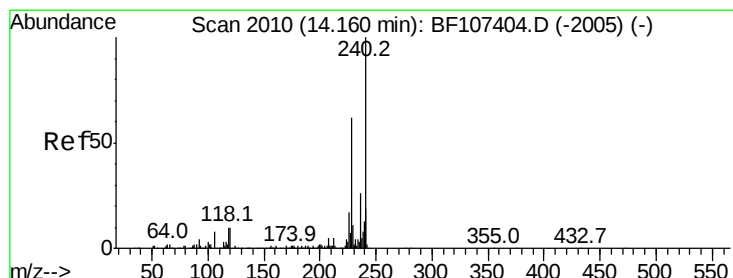
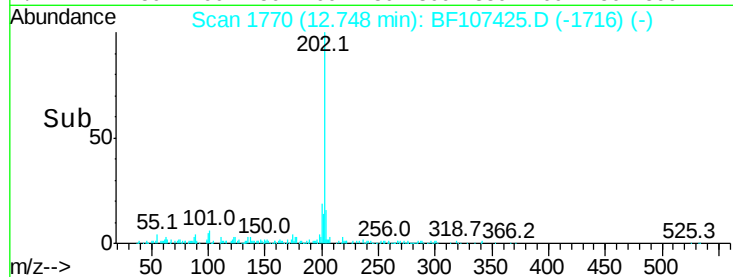
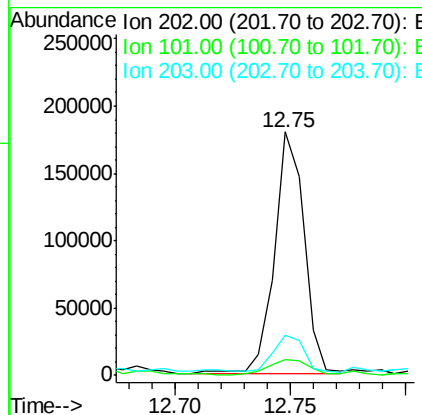
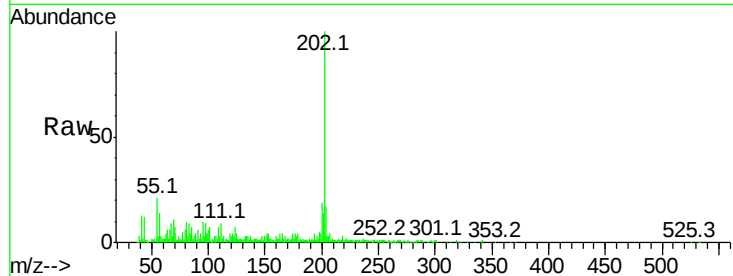
ClientSampleId :

PAR-5

Tot Ion:	202	Resp:	159141
Ion Ratio		Lower	Upper
202	100		
101	6.5	0.0	34.1
203	16.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

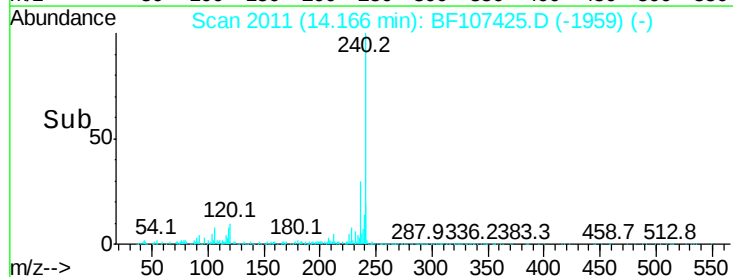
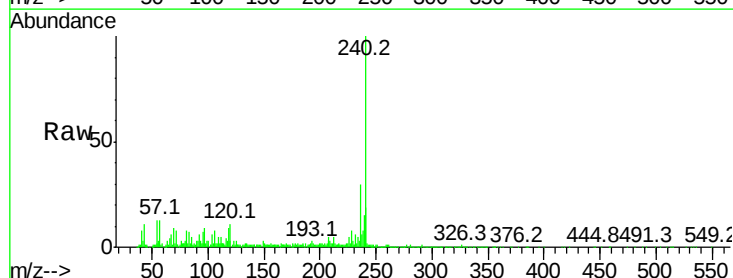
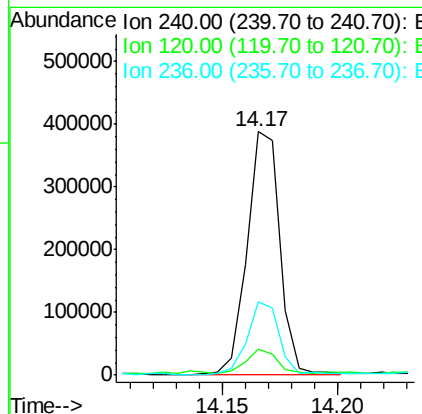
RT: 14.17 min Scan# 2011

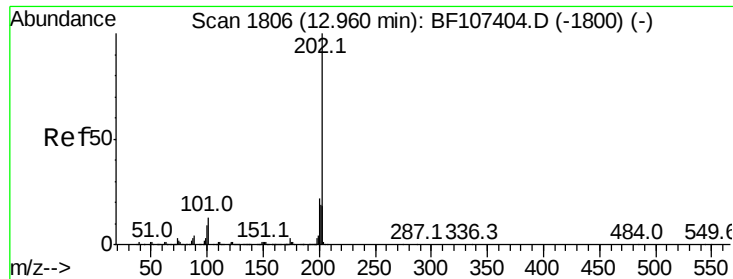
Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion:	240	Resp:	384534
Ion Ratio		Lower	Upper
240	100		
120	10.5	9.5	14.3
236	30.2	20.7	31.1





#77

Pvrene

Concen: 5.782 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

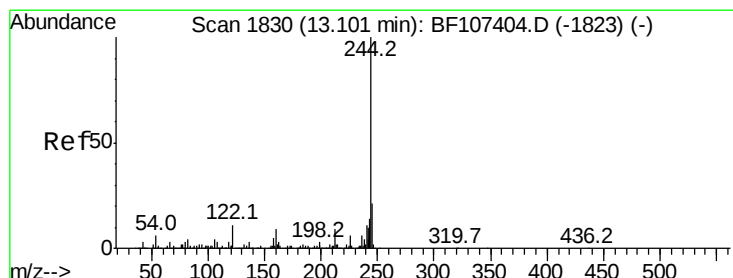
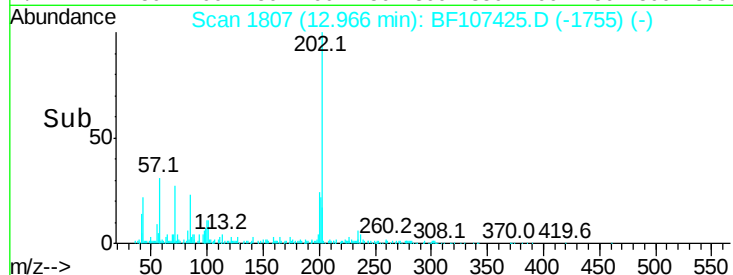
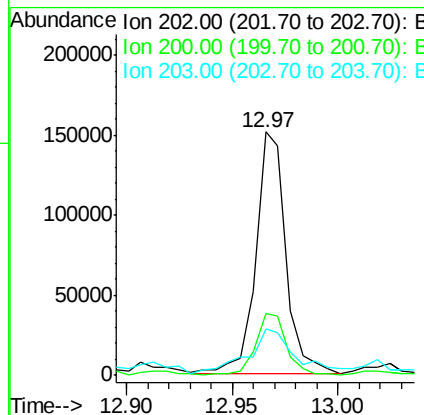
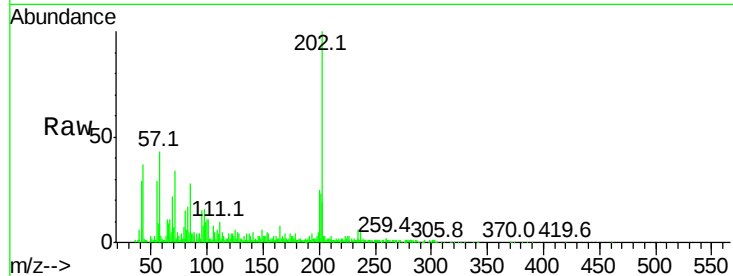
ClientSampleId :

PAR-5

Tot Ion:	202	Resp:	151187
Ion Ratio	Lower	Upper	
202	100		
200	25.3	17.4	26.2
203	19.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 43.440 ng

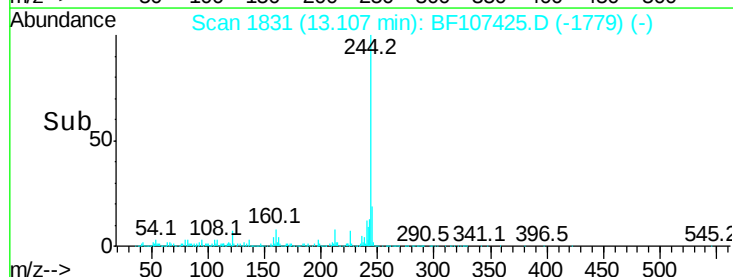
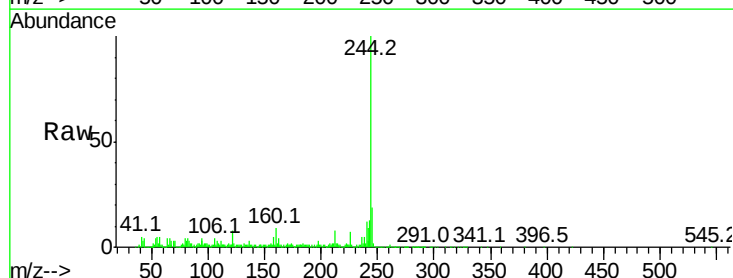
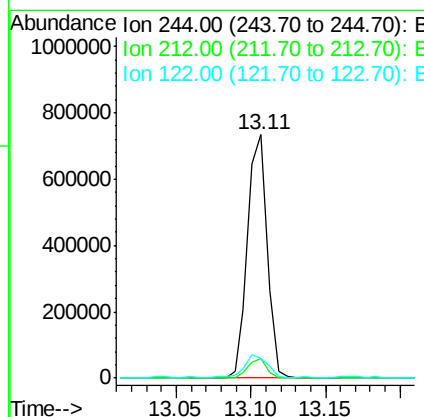
RT: 13.11 min Scan# 1831

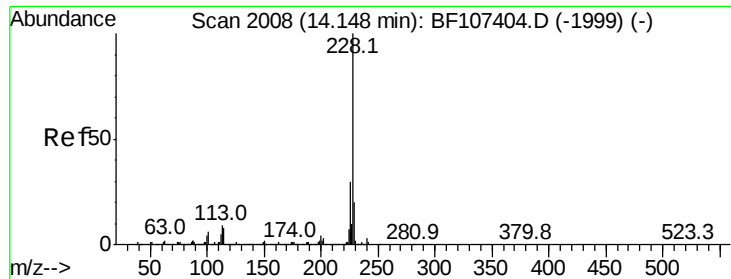
Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion:	244	Resp:	672308
Ion Ratio	Lower	Upper	
244	100		
212	8.3	5.4	8.0#
122	7.8	11.0	16.4#





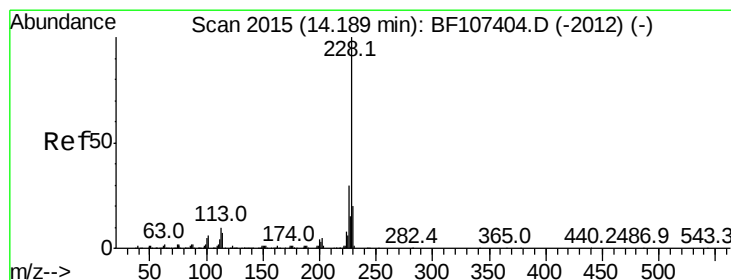
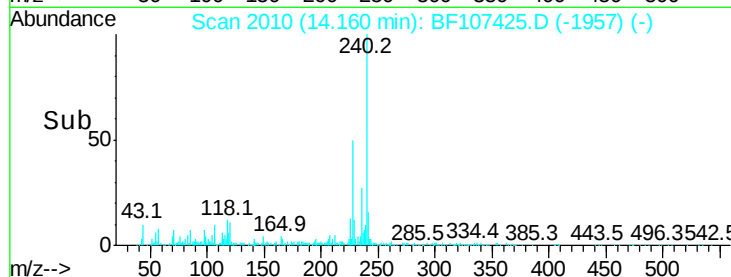
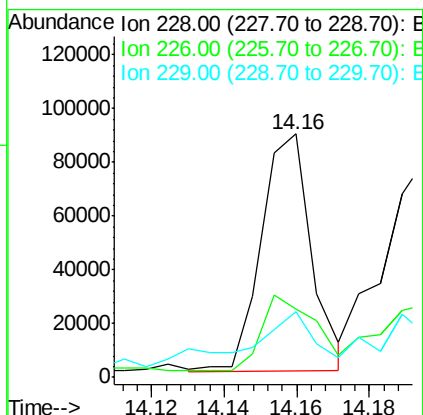
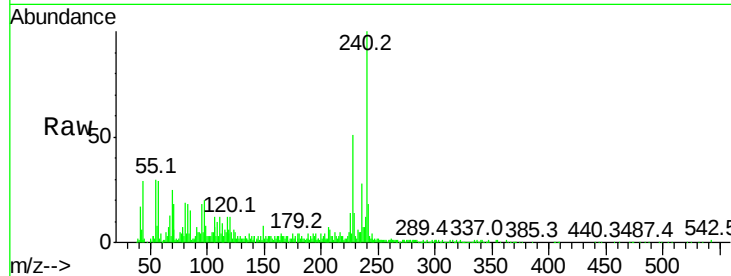
#80
Benzo(a)anthracene
Concen: 3.604 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Instrument :
BNA_F
ClientSampleId :
PAR-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	27.0	15.8	23.6

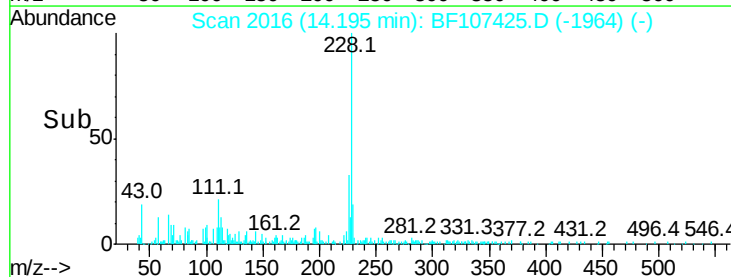
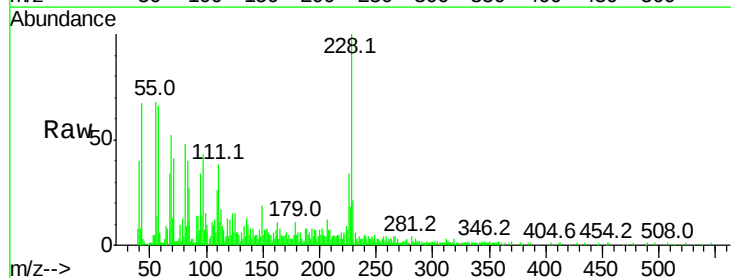
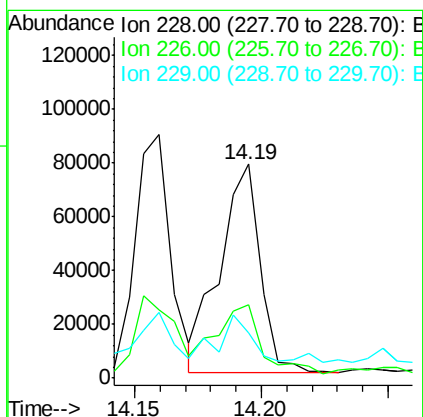
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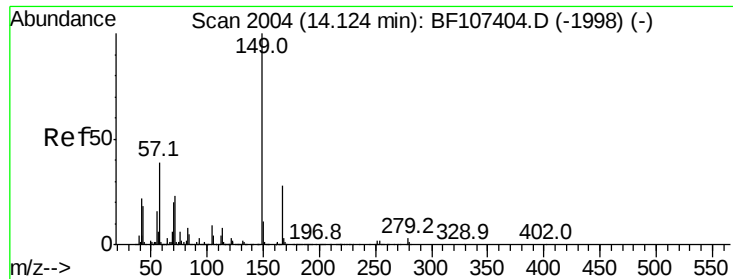
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#82
Chrysene
Concen: 3.806 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF107425.D
Acq: 17 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.0	37.6
229	21.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.090 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

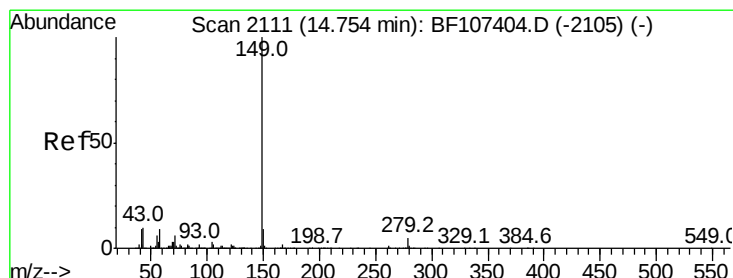
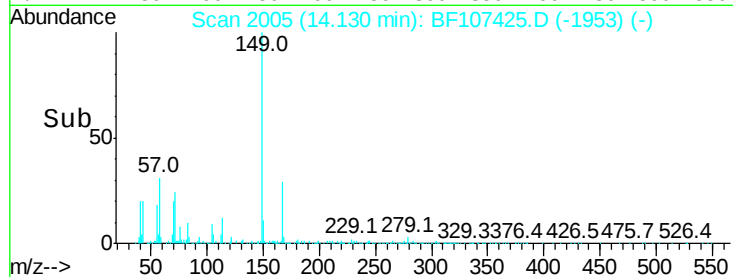
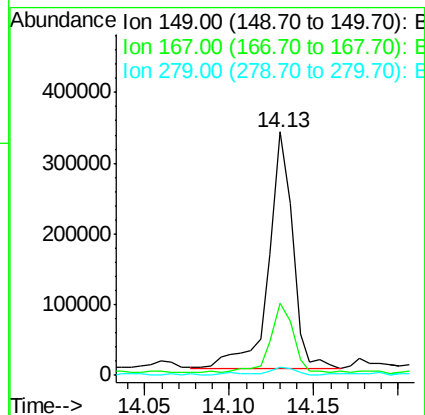
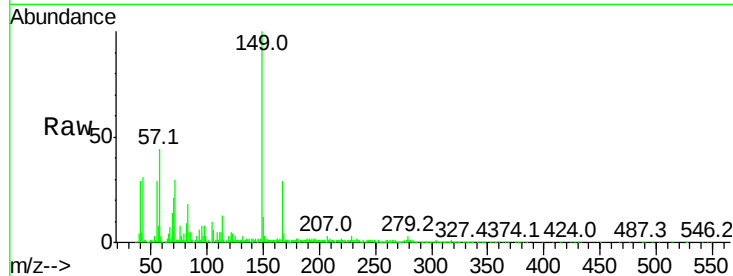
ClientSampleId :

PAR-5

Tot Ion:	149	Resp:	328815
Ion Ratio	Lower	Upper	
149	100		
167	29.4	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 3.169 ng

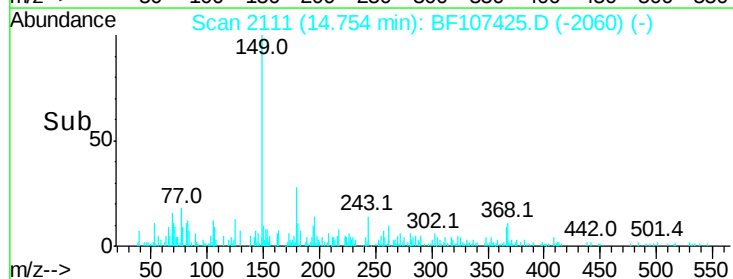
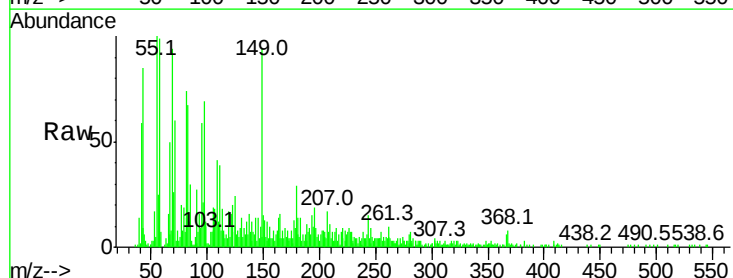
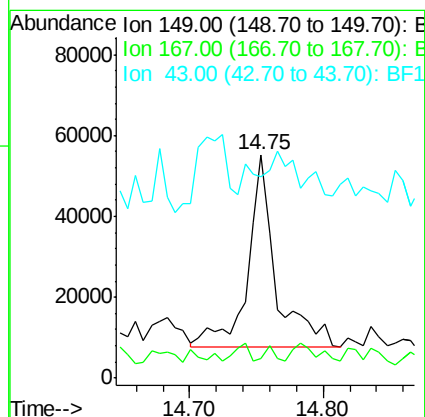
RT: 14.75 min Scan# 2111

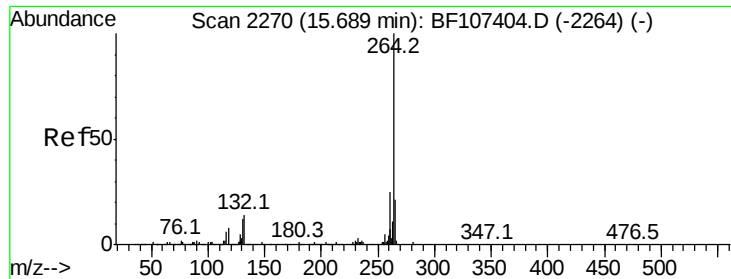
Delta R.T. -0.00 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion:	149	Resp:	67243
Ion Ratio	Lower	Upper	
149	100		
167	2.4	1.2	1.8#
43	51.4	8.4	12.6#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

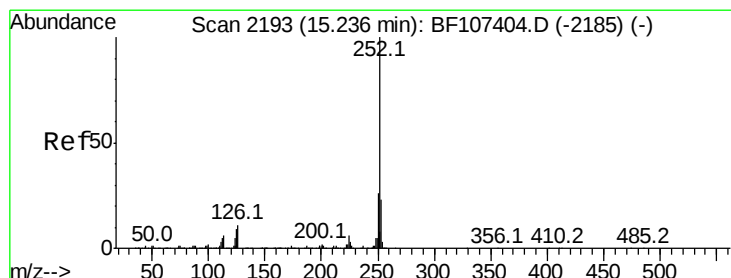
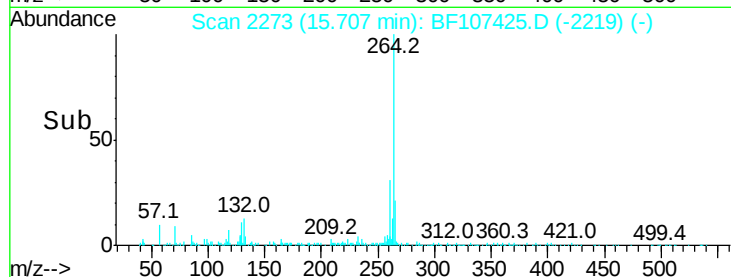
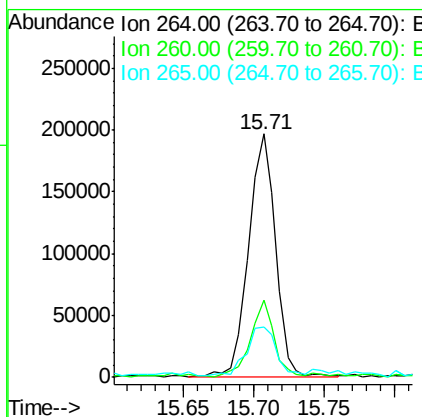
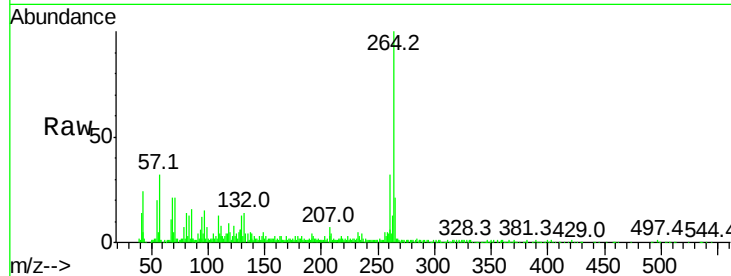
ClientSampled :

PAR-5

Tot Ion:	264	Resp:	262466
Ion Ratio	Lower	Upper	
264	100		
260	31.7	19.2	28.8#
265	20.7	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 5.077 ng m

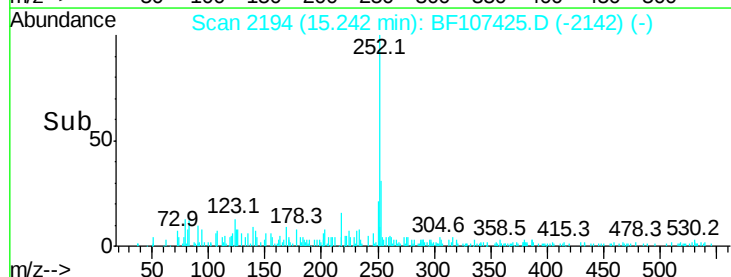
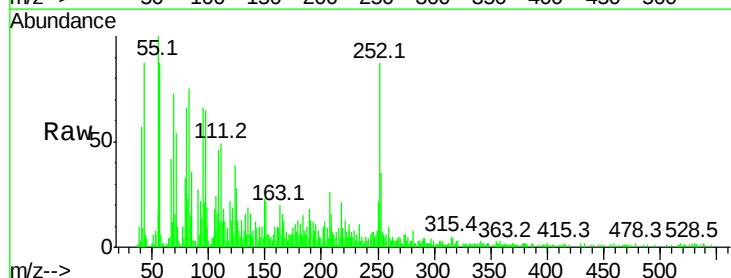
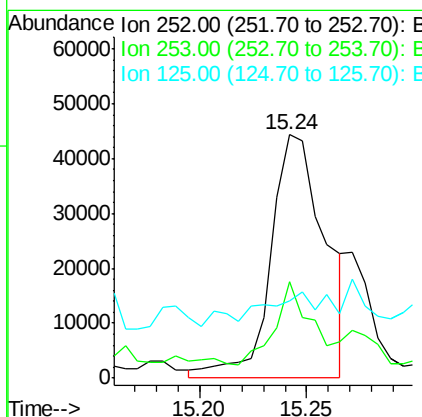
RT: 15.24 min Scan# 2194

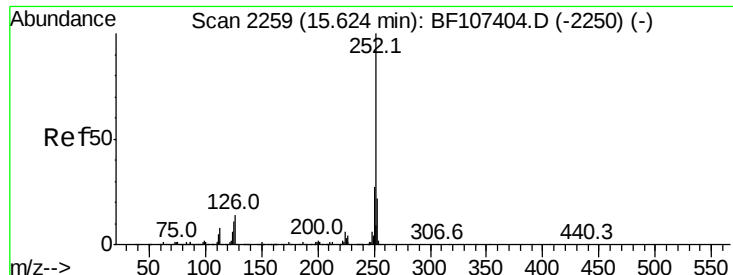
Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Tgt Ion:	252	Resp:	77989
Ion Ratio	Lower	Upper	
252	100		
253	39.8	17.0	25.6#
125	32.0	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 3.455 ng

RT: 15.64 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF107425.D

Acq: 17 Jul 2018 1:38

Instrument :

BNA_F

ClientSampleId :

PAR-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	23.2	9.8	14.6#

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