

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104477.D
 Acq On : 13 Apr 2018 14:41
 Operator : JU/SJ
 Sample : J2348-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 132

Manual Integrations
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Quant Time: Apr 13 17:55:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137393	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	567172	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	261925	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	452680	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288304	20.00	ng	0.00
86) Perylene-d12	15.46	264	271677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	893023	99.39	ng	0.00
7) Phenol-d6	6.45	99	1088150	98.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	686804	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	273793	100.77	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1105763	66.69	ng	0.00
78) Terphenyl-d14	12.93	244	969251	76.65	ng	0.00
Target Compounds						
10) Phenol	6.46	94	41993	3.585	ng	92
49) Dimethylphthalate	9.56	163	184105	8.913	ng	99
70) Phenanthrene	11.36	178	115615	4.586	ng	96
74) Fluoranthene	12.55	202	203417	7.723	ng	99
77) Pyrene	12.78	202	175218	8.199	ng	98
80) Benzo(a)anthracene	13.97	228	89330	5.186	ng	98
82) Chrysene	14.01	228	75486	4.267	ng	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	39943	2.658	ng	92
87) Benzo(b)fluoranthene	15.03	252	90562m	5.278	ng	
88) Benzo(k)fluoranthene	15.06	252	37727m	2.329	ng	
89) Benzo(a)pyrene	15.39	252	71304	4.644	ng	97
91) Benzo(a,h,i)perylene	17.35	276	39370	3.223	ng	95

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

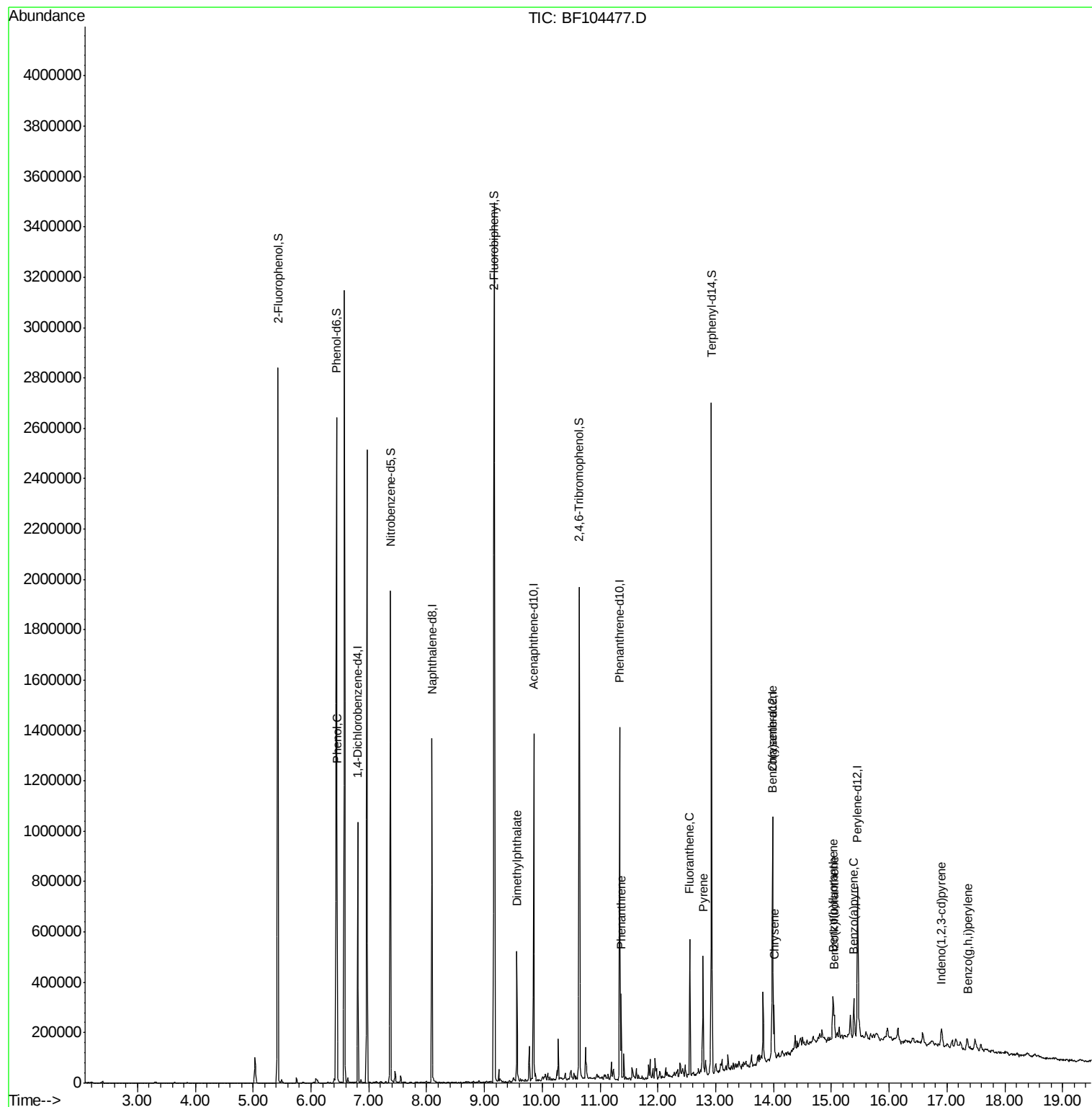
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104477.D
Acq On : 13 Apr 2018 14:41
Operator : JU/SJ
Sample : J2348-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

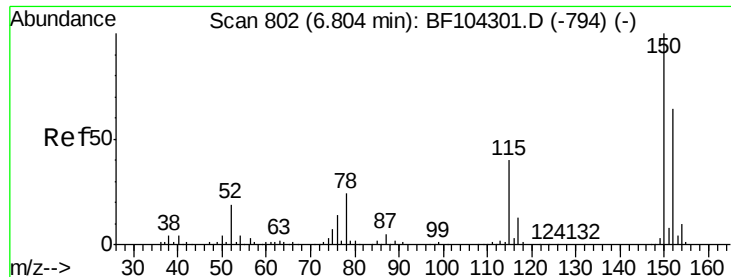
Instrument :
BNA_F
ClientSampleId :
132

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Quant Time: Apr 13 17:55:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

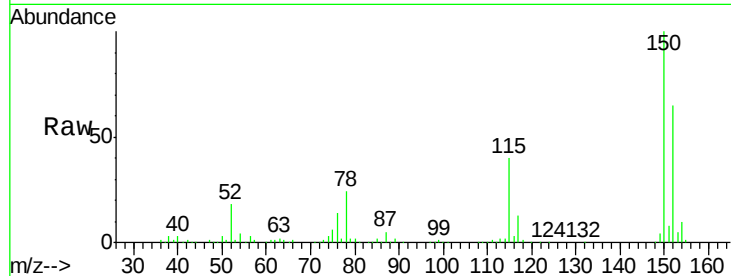
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104477.D
 Acq: 13 Apr 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 132

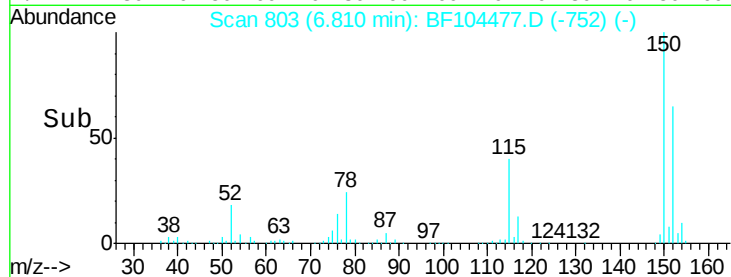
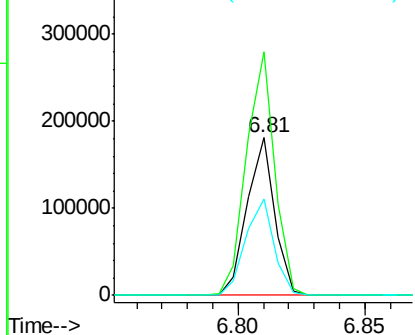
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.5	50.1	75.1

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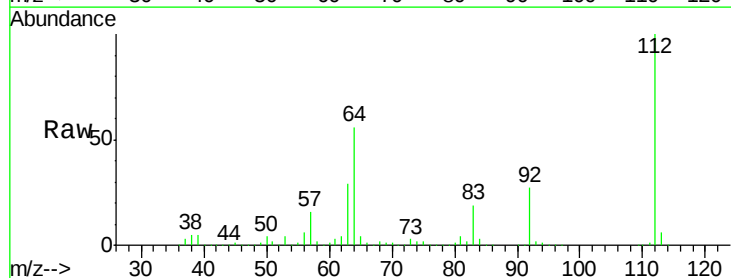
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



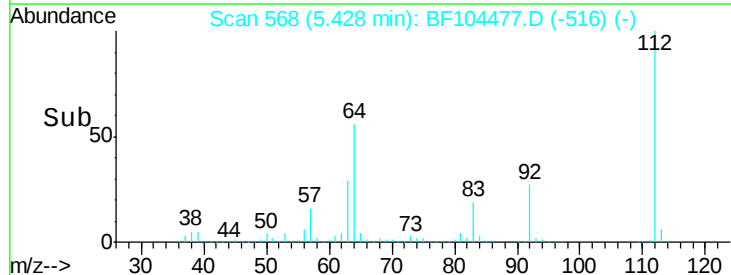
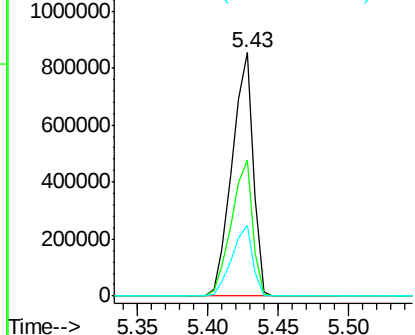
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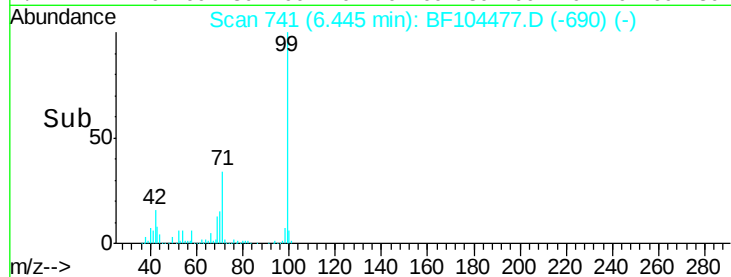
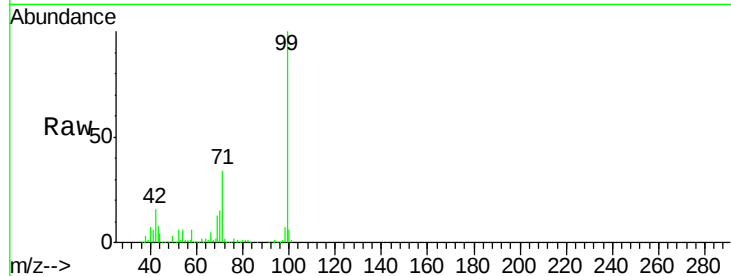
2-Fluorophenol
 Concen: 99.385 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104477.D
 Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.562 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104477.D

Acq: 13 Apr 2018 14:41

Tot Ion:	99	Resp:	1088150
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	34.3	25.4	38.0

Instrument :

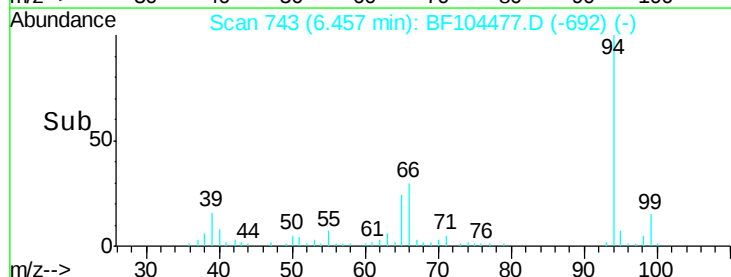
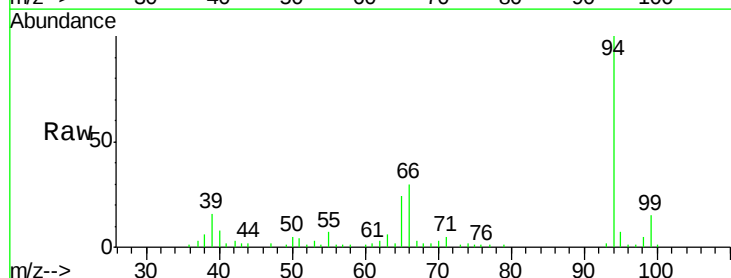
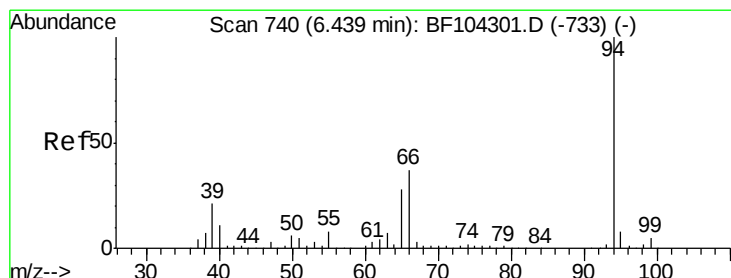
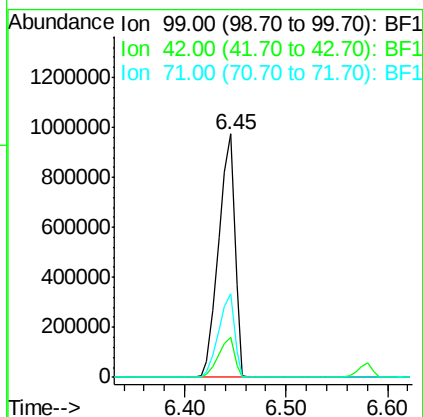
BNA_F

ClientSampleId :

132

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#10

Phenol

Concen: 3.585 ng

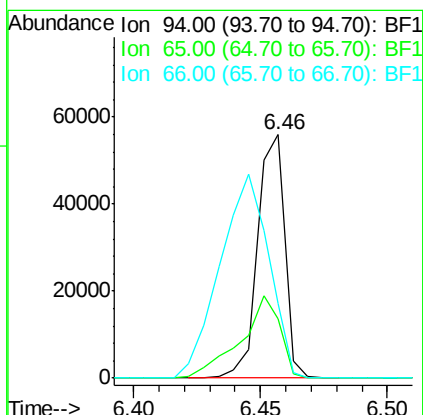
RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104477.D

Acq: 13 Apr 2018 14:41

Tgt Ion:	94	Resp:	41993
Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	30.5	16.2	56.2





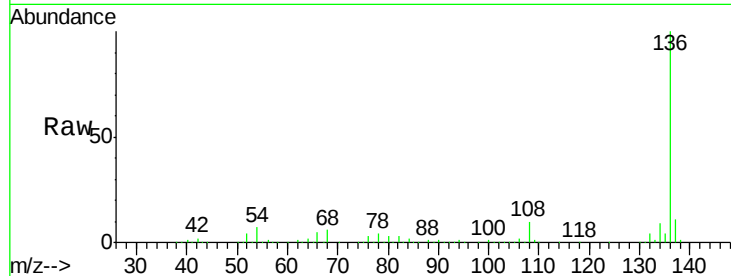
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampled :
132

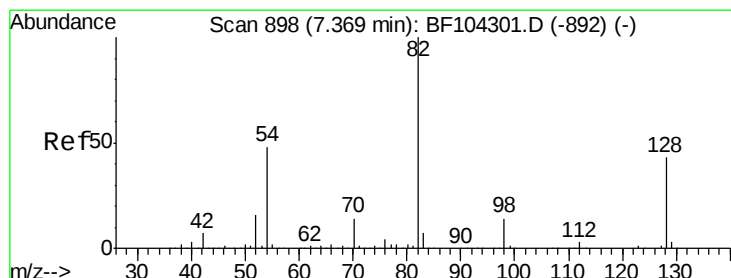
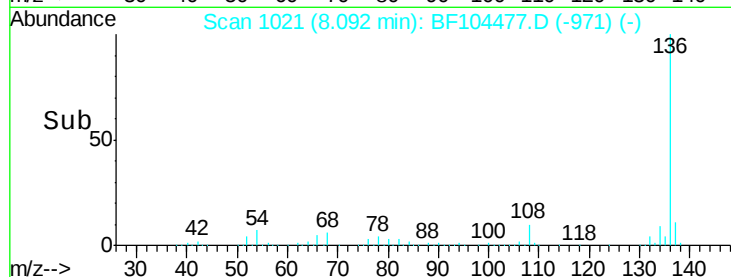
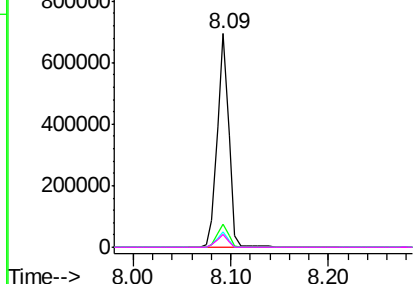
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		567172		
137	10.9	8.9	13.3		
54	7.1	6.6	9.8		
68	5.9	5.0	7.4		

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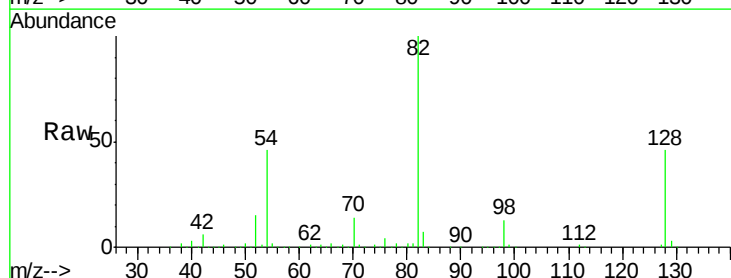


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

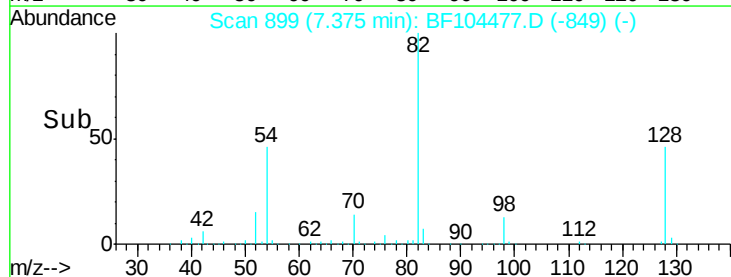
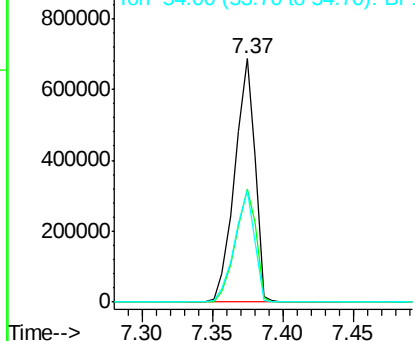


#23
Nitrobenzene-d5
Concen: 79.071 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		686804		
128	46.4	36.1	54.1		
54	45.8	41.4	62.2		



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





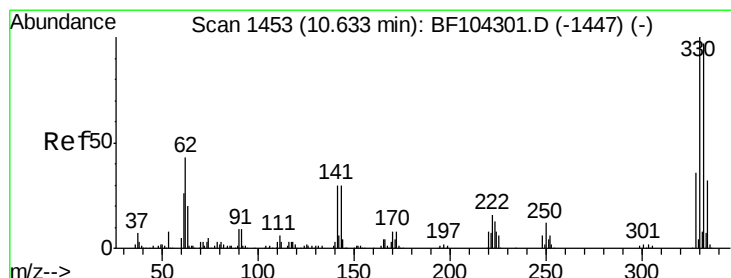
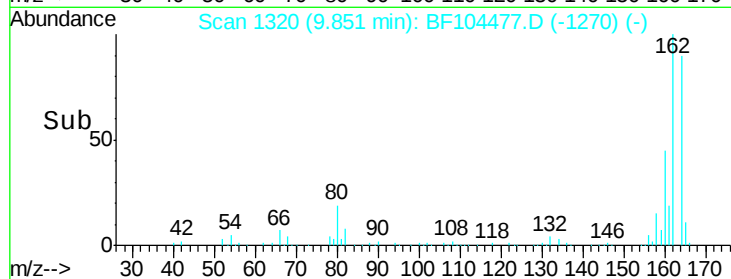
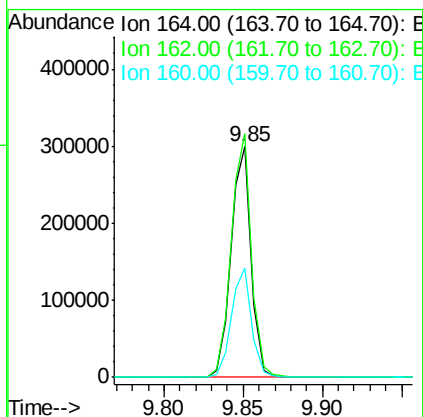
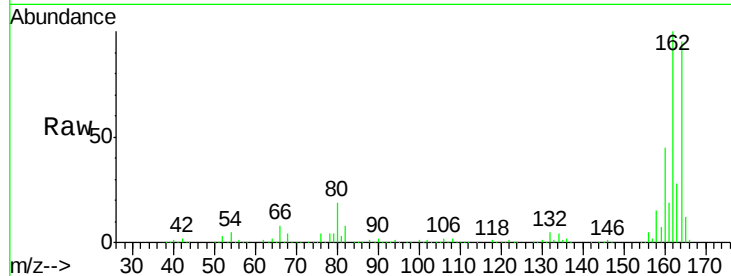
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :
132

Tot Ion	Ratio	Resp	Lower	Upper
164	100	261925		
162	105.6	86.1	129.1	
160	47.6	38.3	57.5	

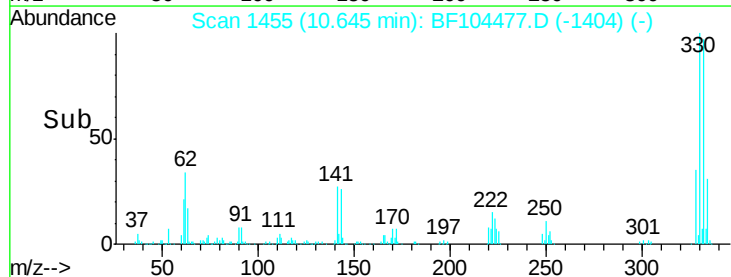
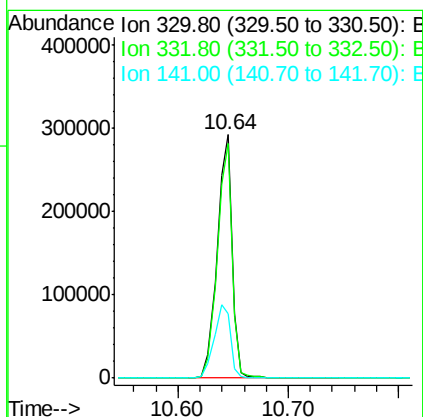
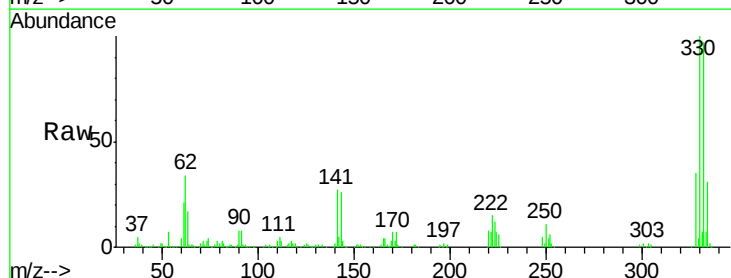
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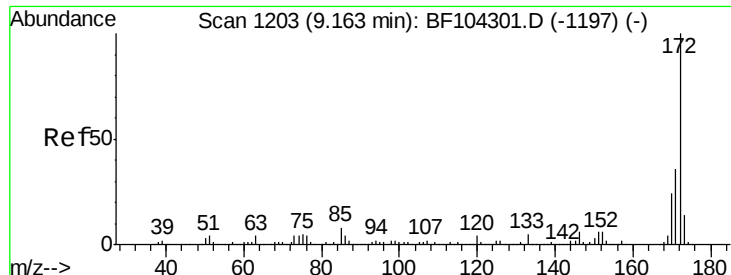
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#41
2,4,6-Tribromophenol
Concen: 100.770 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	273793		
332	95.5	77.0	115.6	
141	33.0	29.9	44.9	





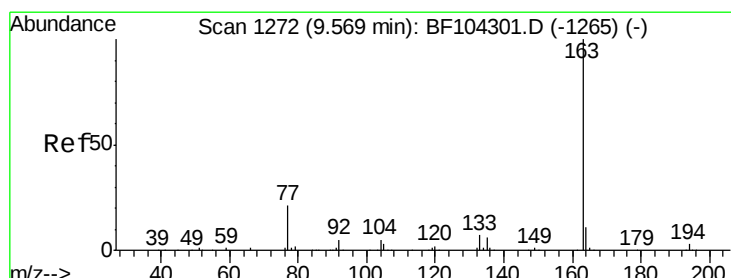
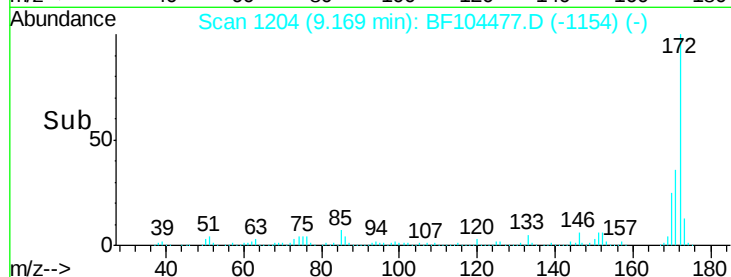
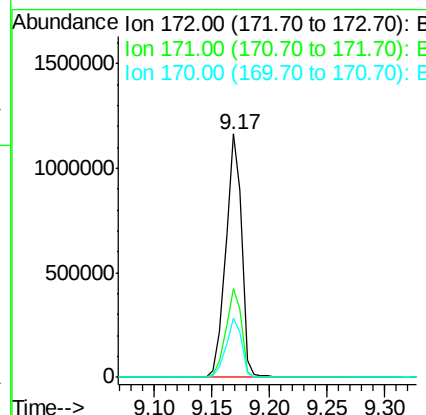
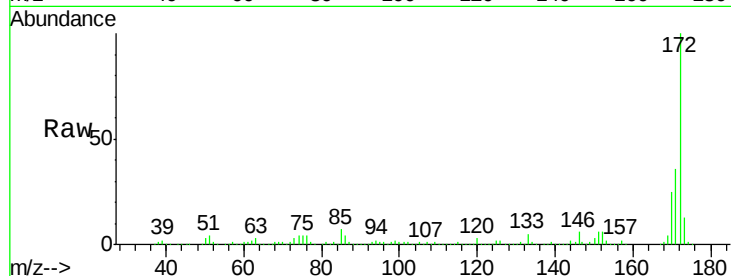
#44
2-Fluorobiphenyl
Concen: 66.692 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampled :
132

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

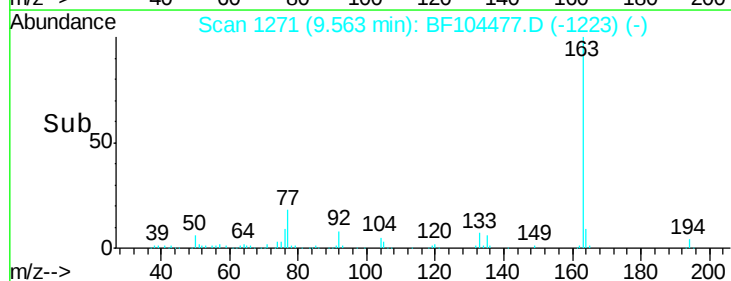
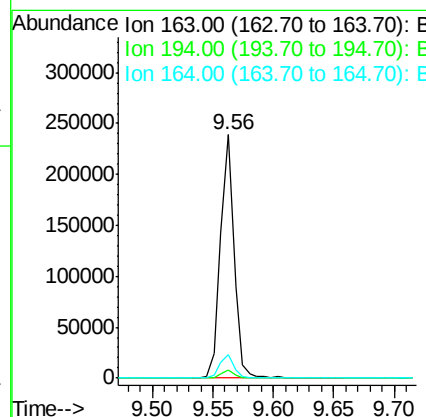
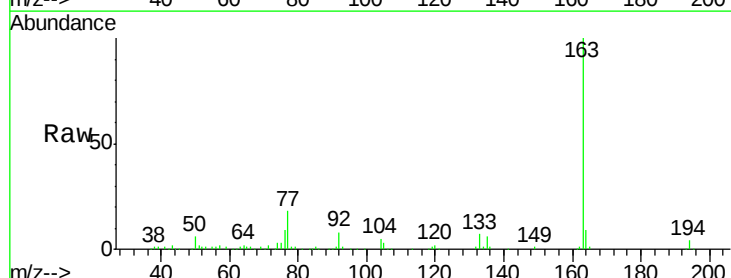
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#49
Dimethylphthalate
Concen: 8.913 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2





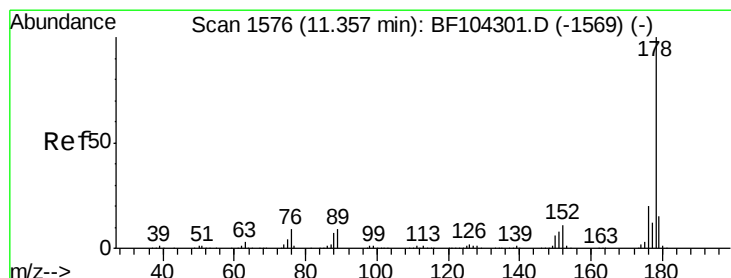
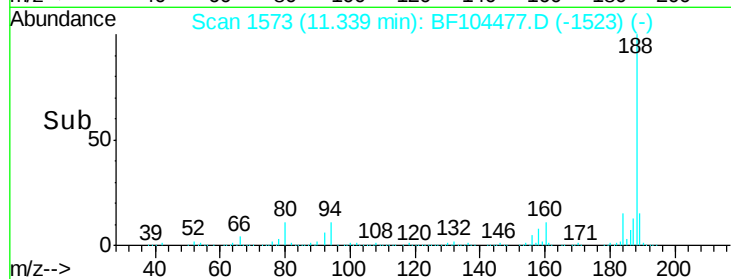
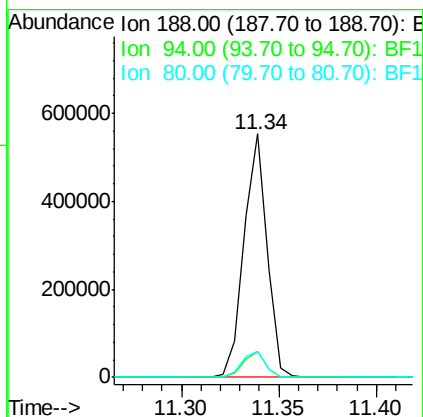
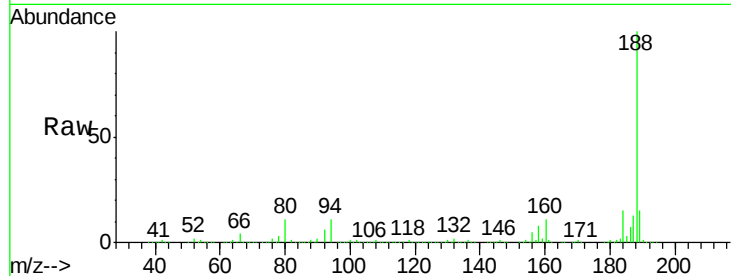
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampled :
132

Tot Ion	Ratio	Resp	Lower	Upper
188	100	452680		
94	10.5		8.5	12.7
80	10.7		9.2	13.8

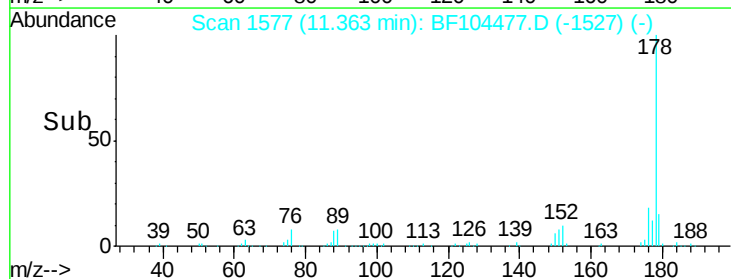
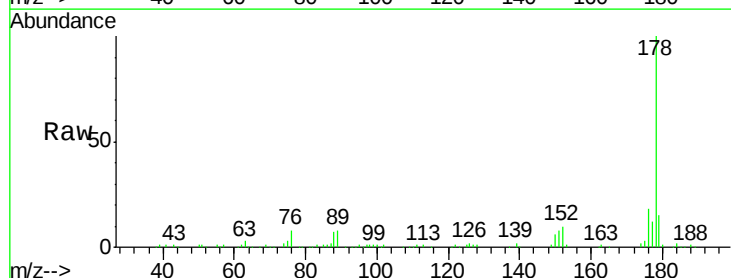
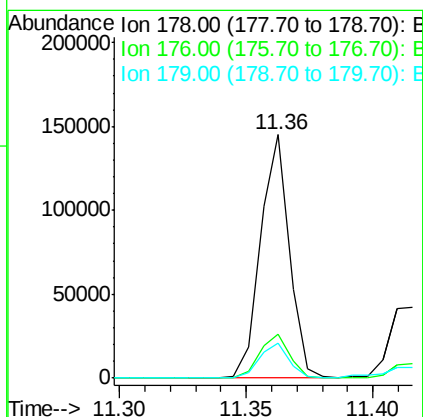
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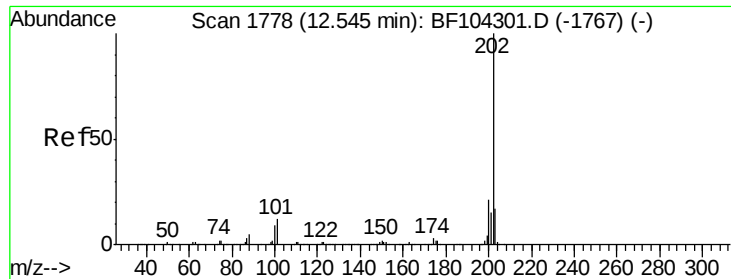
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#70
Phenanthrene
Concen: 4.586 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	115615		
176	17.8		15.8	23.8
179	14.5		13.0	19.6





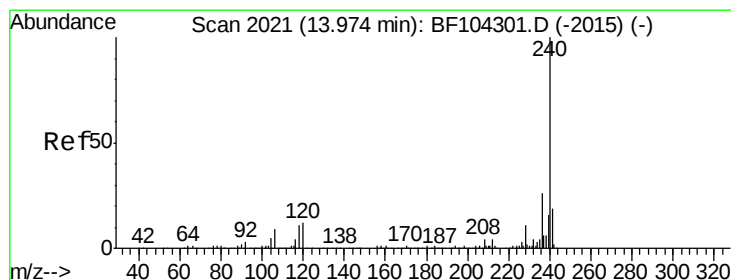
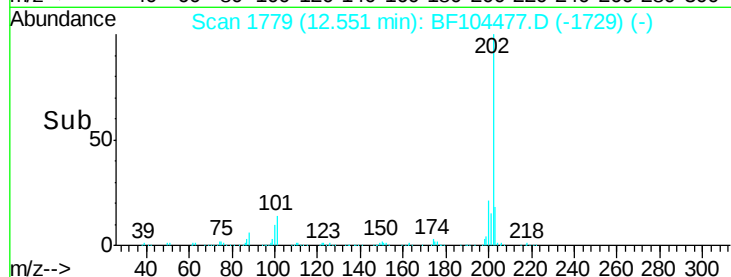
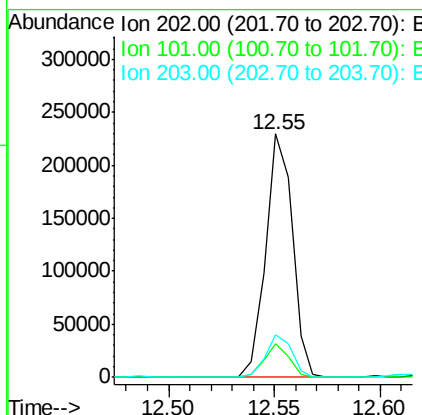
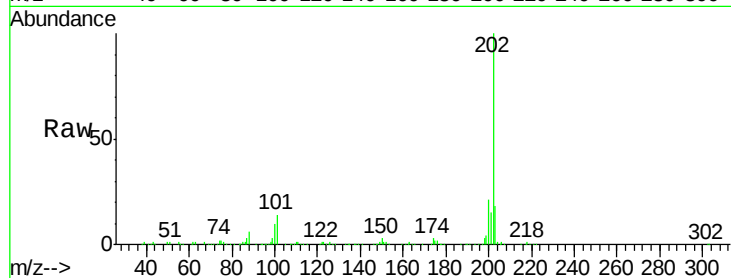
#74
 Fluoranthene
 Concen: 7.723 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF104477.D
 Acq: 13 Apr 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 132

Tot Ion:	202	Resp:	203417
Ion Ratio		Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1

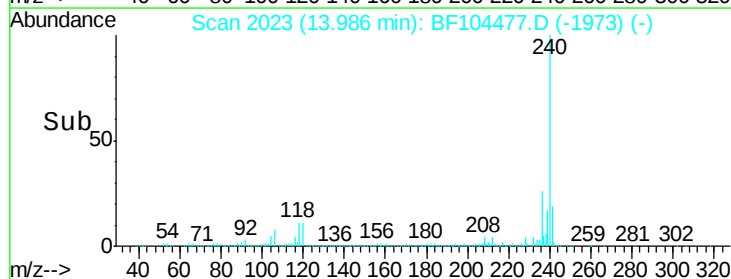
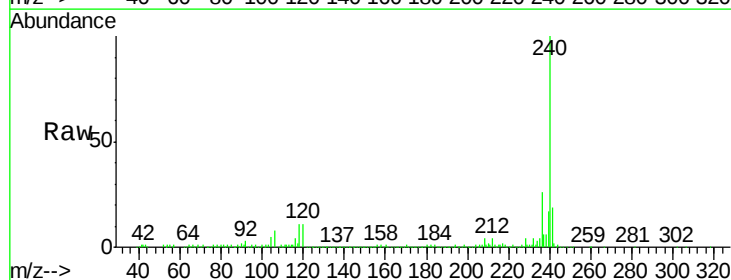
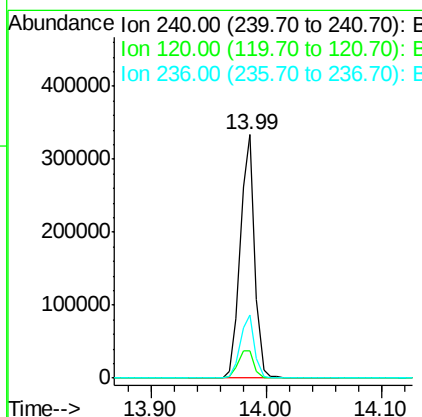
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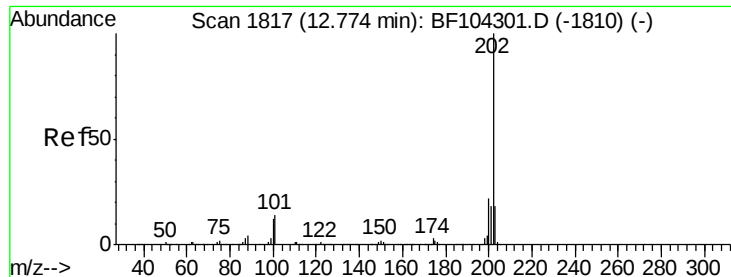
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104477.D
 Acq: 13 Apr 2018 14:41

Tgt Ion:	240	Resp:	288304
Ion Ratio		Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1





#77

Pvrene

Concen: 8.199 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF104477.D

Acq: 13 Apr 2018 14:41

Instrument :

BNA_F

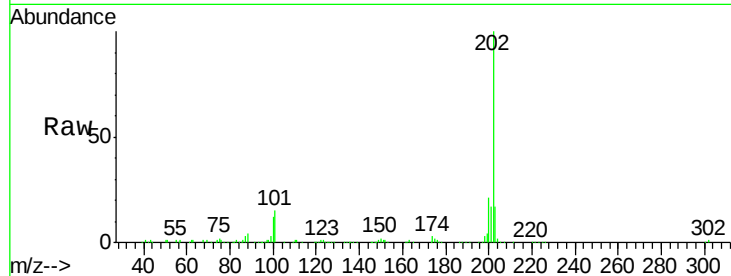
ClientSampled :

132

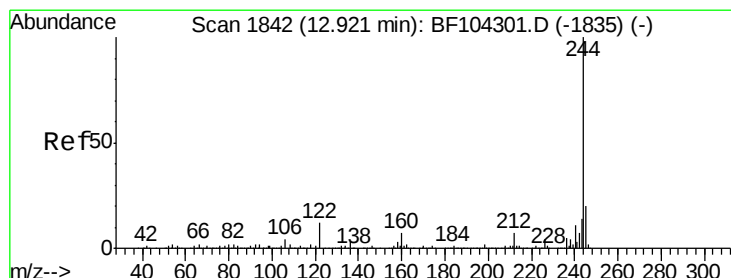
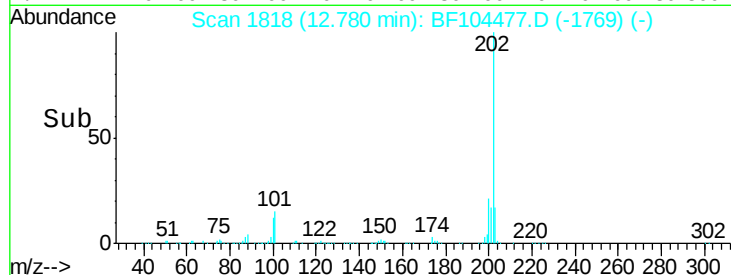
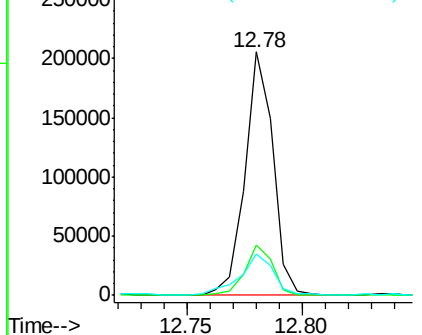
Tot Ion:	202	Resp:	175218
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.1	14.3	21.5

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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



#78

Terphenyl-d14

Concen: 76.646 ng

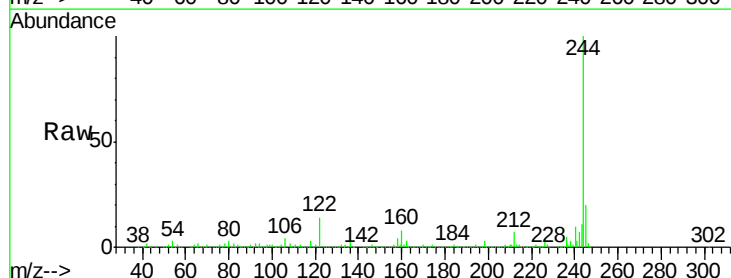
RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

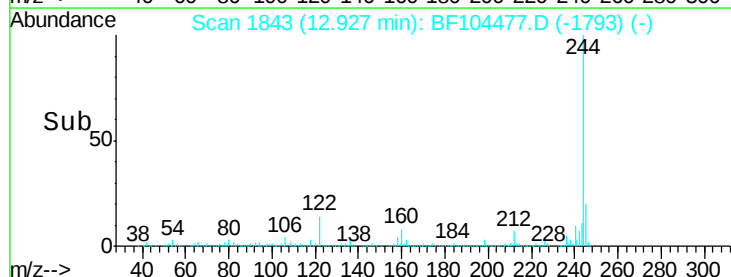
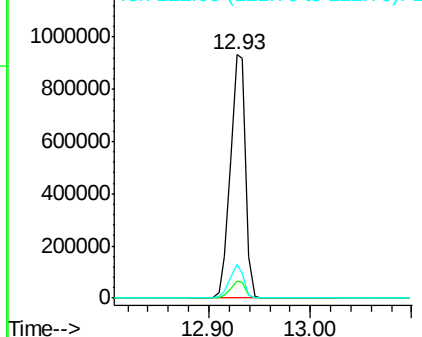
Lab File: BF104477.D

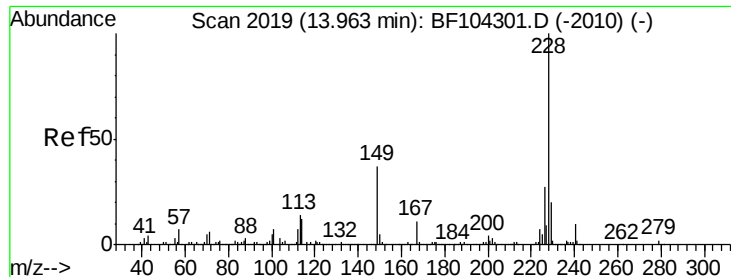
Acq: 13 Apr 2018 14:41

Tgt Ion:	244	Resp:	969251
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





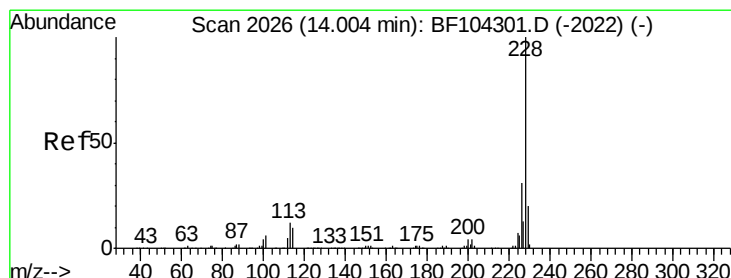
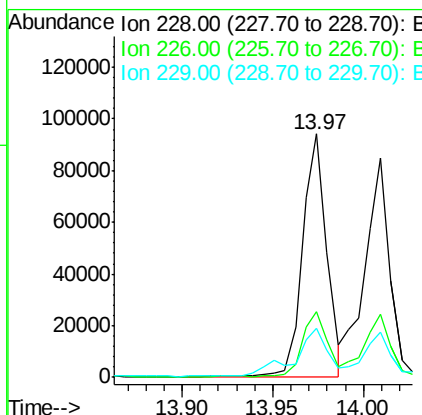
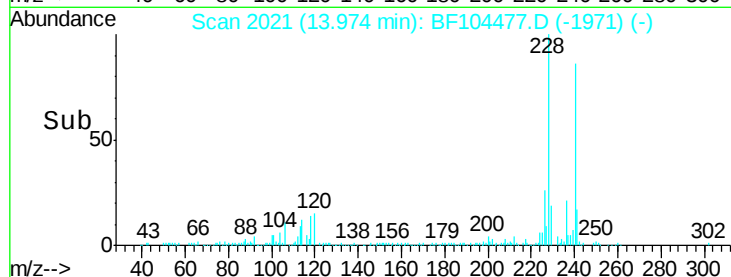
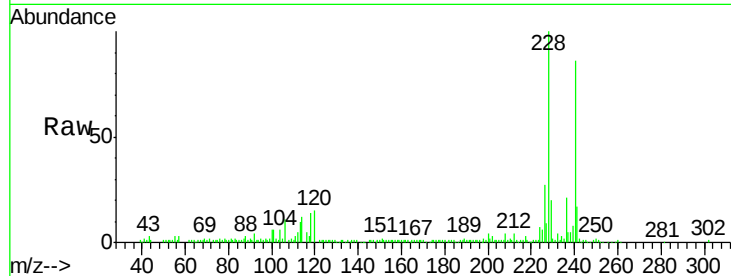
#80
Benzo(a)anthracene
Concen: 5.186 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :
132

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.2	15.8	23.6

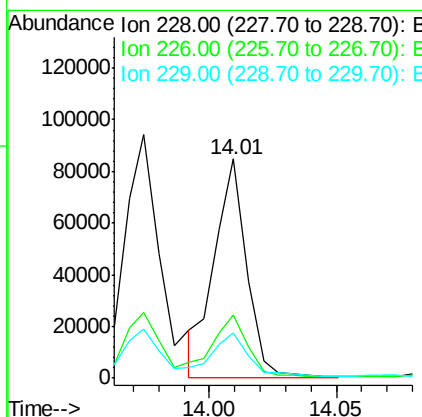
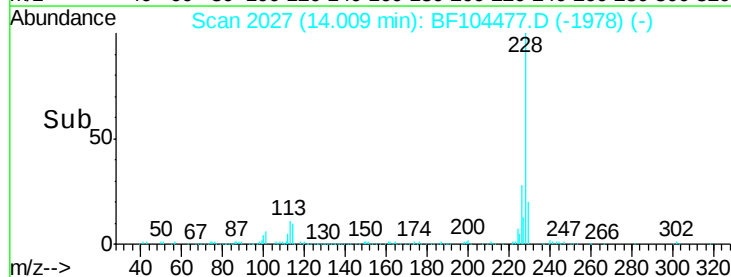
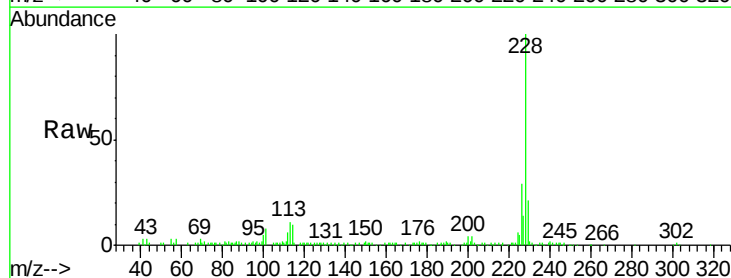
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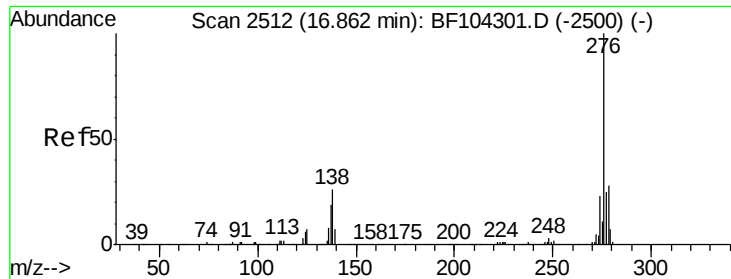
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#82
Chrysene
Concen: 4.267 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.8	16.2	24.4





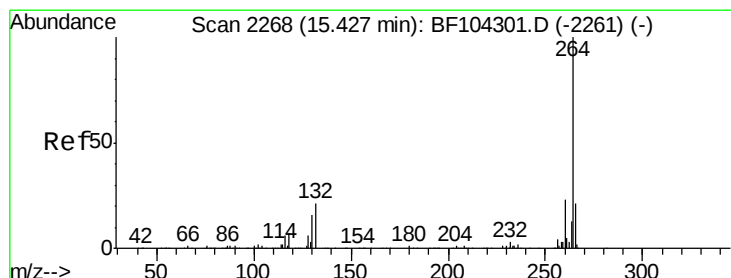
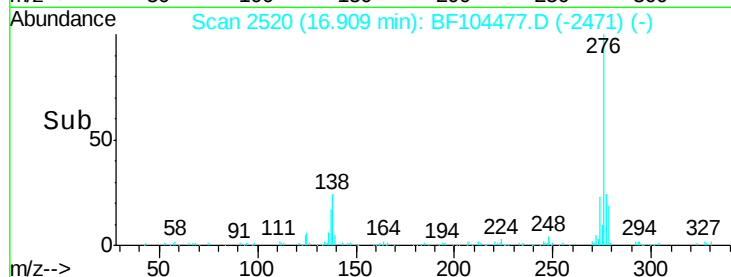
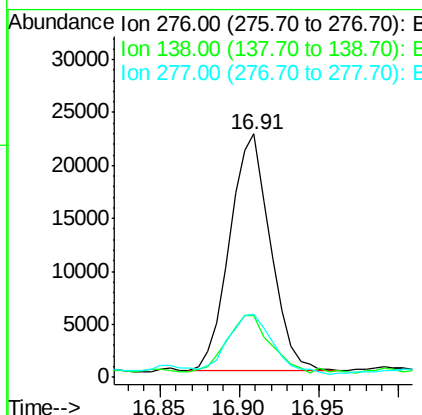
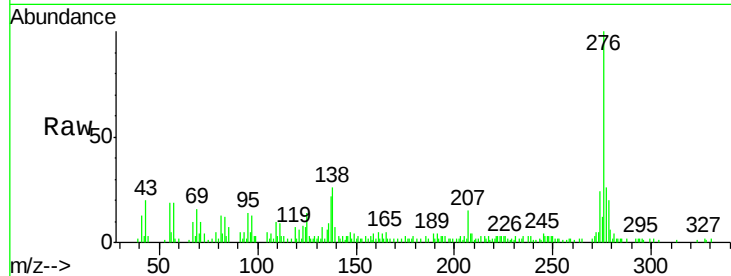
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.658 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :
132

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	27.7	20.1	30.1

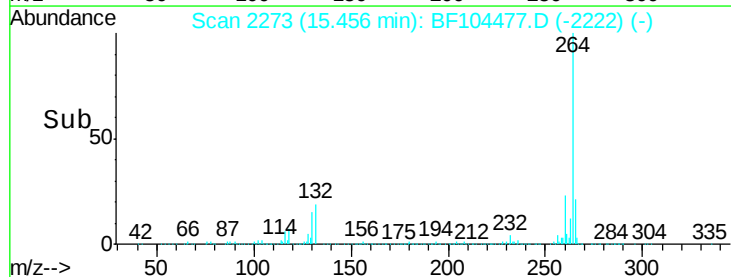
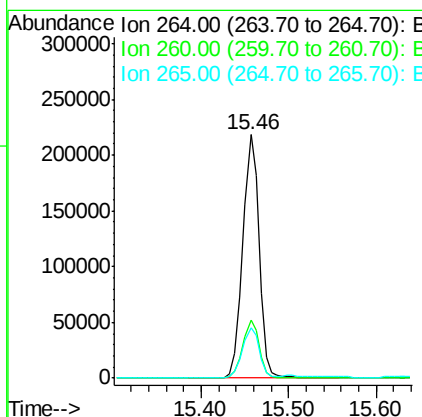
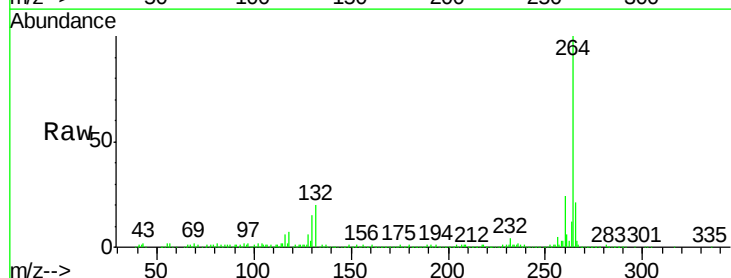
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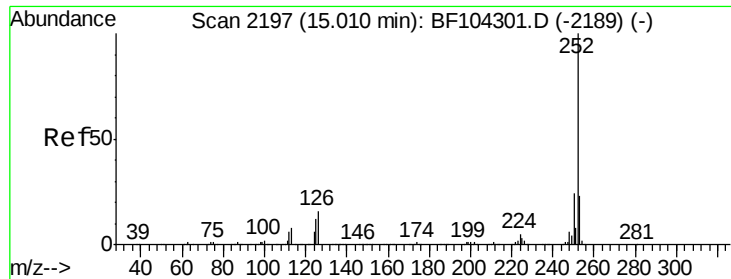
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3





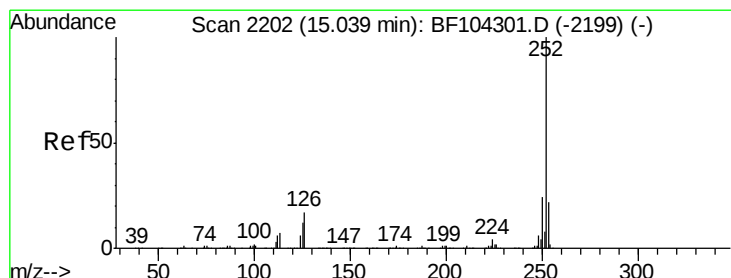
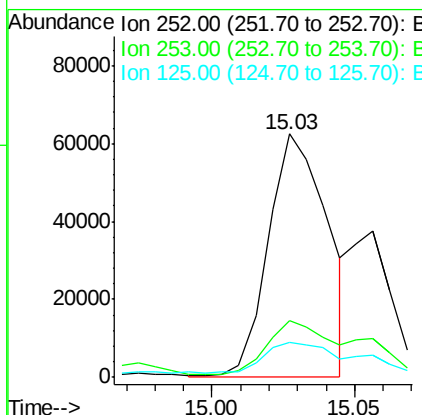
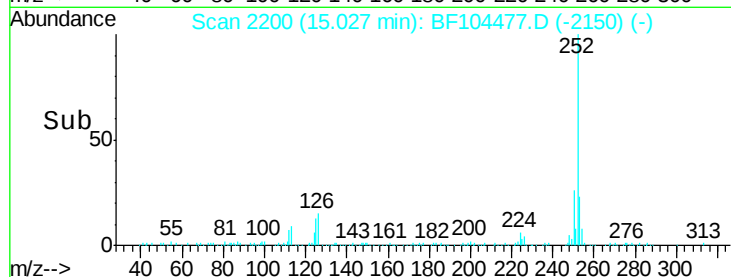
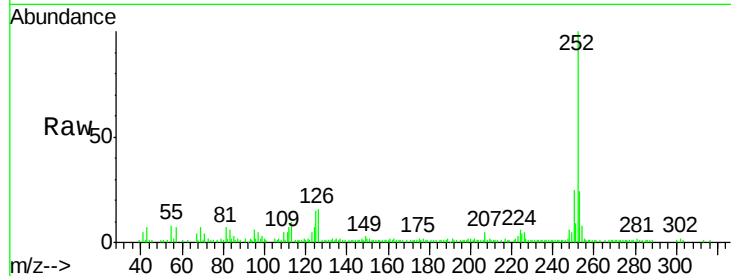
#87
Benzo(b)fluoranthene
Concen: 5.278 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampleId :
132

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.5	9.0	13.6

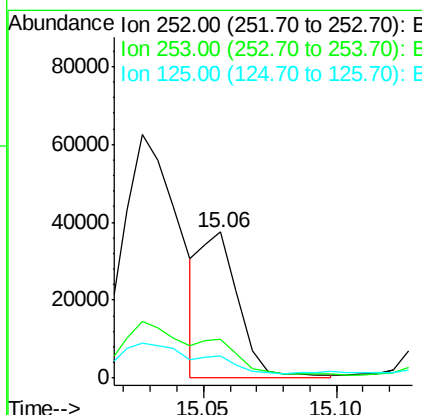
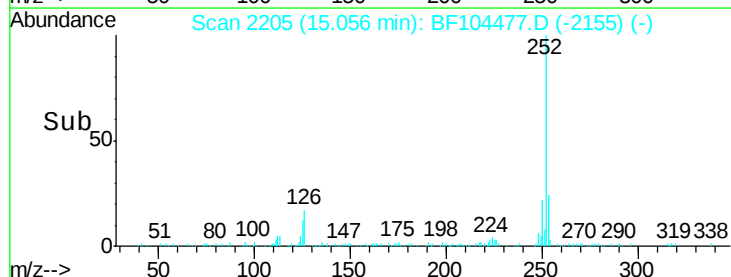
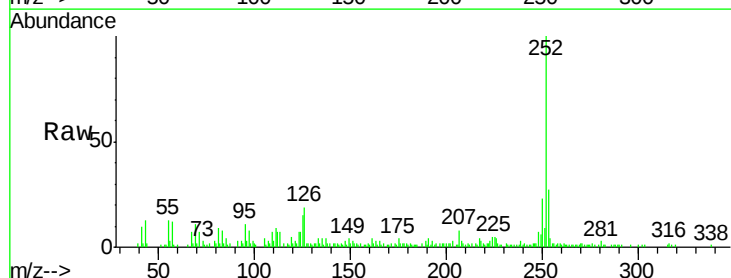
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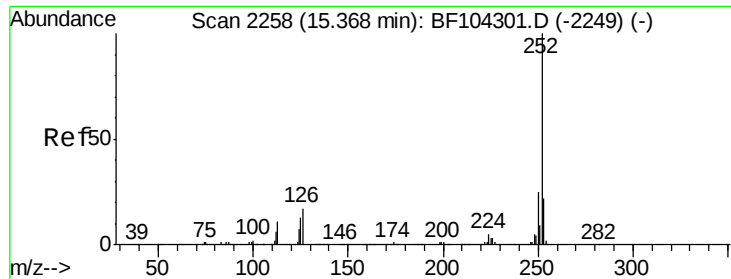
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.329 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	15.3	10.2	15.2





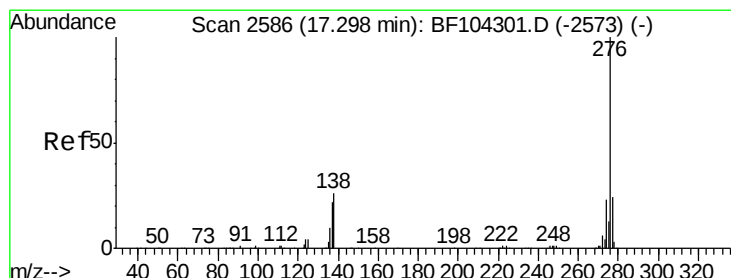
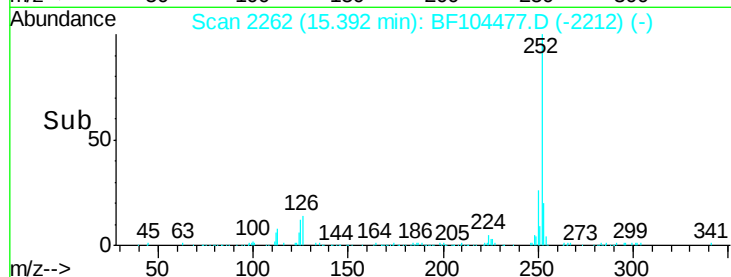
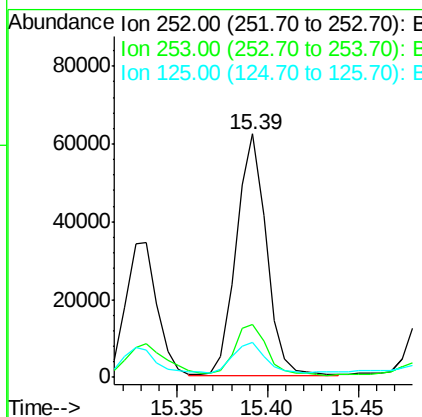
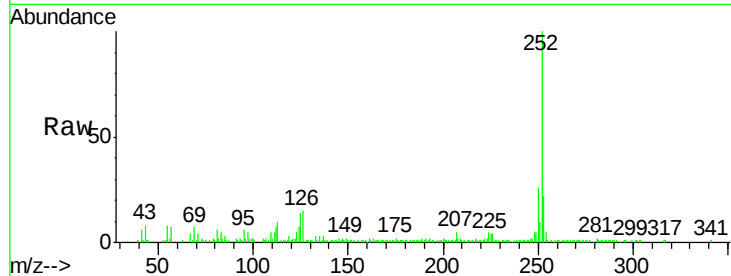
#89
Benzo(a)pyrene
Concen: 4.644 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Instrument :
BNA_F
ClientSampled :
132

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.2	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.223 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF104477.D
Acq: 13 Apr 2018 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	26.0	21.8	32.8

