

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002532.D
 Acq On : 24 Jun 2020 20:25
 Operator : CG/JU
 Sample : L3096-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-B

Manual Integrations
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mohammad
 6/25/2020 1:07:43 PM

Quant Time: Jun 25 01:49:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	247147	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	999928	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	591697	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1180031	20.00	ng	0.00
76) Chrysene-d12	21.09	240	737745	20.00	ng	0.00
86) Perylene-d12	23.29	264	729410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1228024	91.94	ng	0.00
7) Phenol-d6	6.78	99	1654262	93.03	ng	0.00
23) Nitrobenzene-d5	8.73	82	1132529	67.64	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	578082	102.04	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2323844	66.04	ng	0.00
79) Terphenyl-d14	19.57	244	2600484	93.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	404651	9.981	ng	99
71) Phenanthrene	17.03	178	284496	5.154	ng	99
75) Fluoranthene	19.02	202	642042	9.744	ng	98
78) Pyrene	19.36	202	589618	13.048	ng	98
81) Benzo(a)anthracene	21.08	228	273223	6.488	ng	95
83) Chrysene	21.13	228	280810m	7.038	ng	
87) Indeno(1,2,3-cd)pyrene	25.50	276	190626	4.178	ng	97
88) Benzo(b)fluoranthene	22.64	252	364424m	9.265	ng	
89) Benzo(k)fluoranthene	22.67	252	127454m	3.410	ng	
90) Benzo(a)pyrene	23.20	252	256599	6.961	ng	# 95
92) Benzo(g,h,i)perylene	26.18	276	199339	5.259	ng	94

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

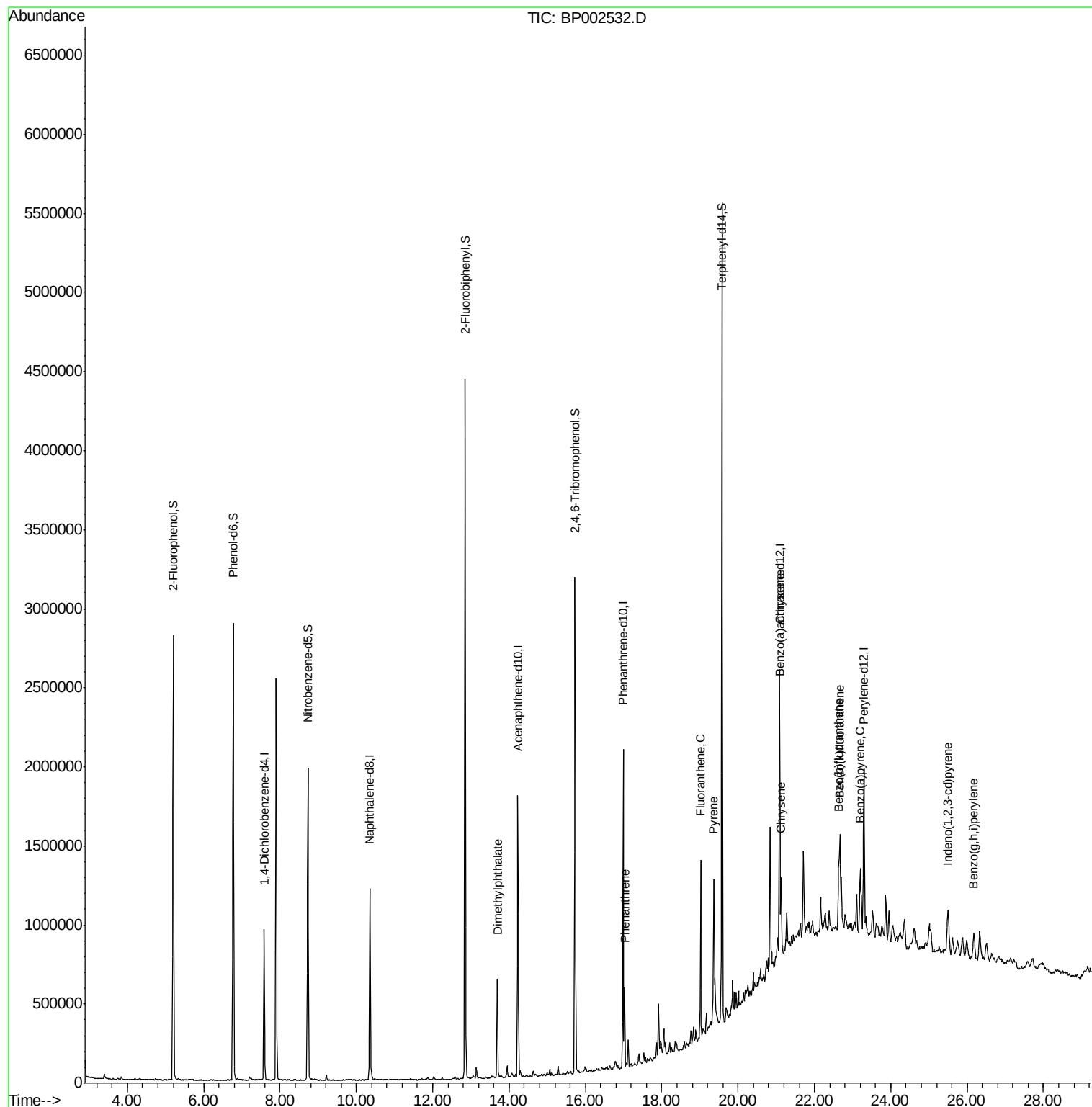
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Data File : BP002532.D
Acq On : 24 Jun 2020 20:25
Operator : CG/JU
Sample : L3096-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

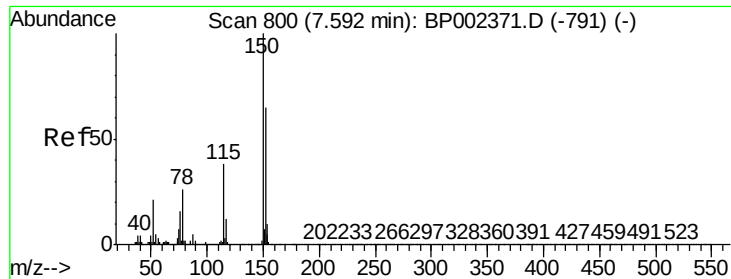
Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

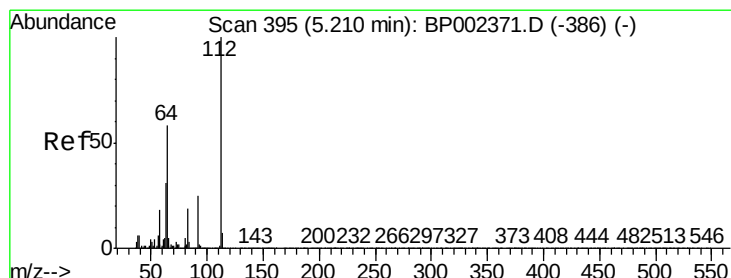
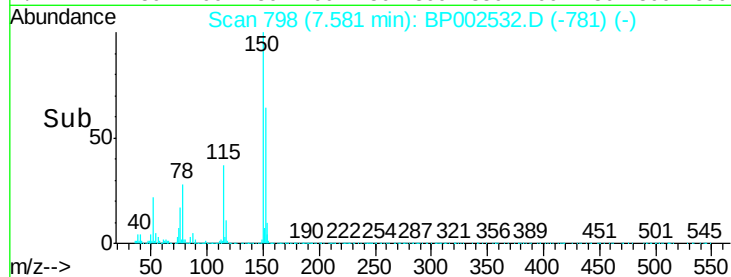
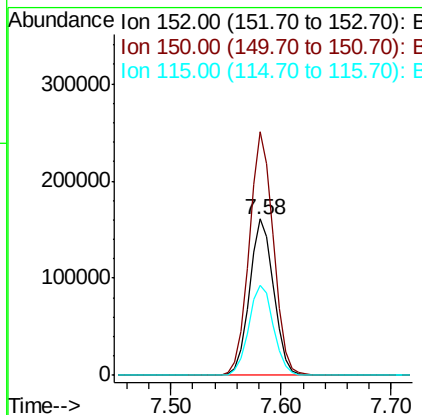
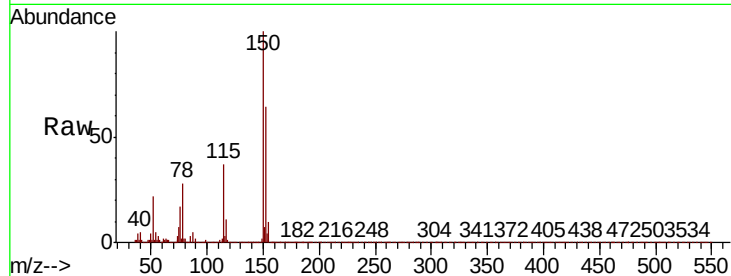
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.4	186.6
115	58.1	47.8	71.6

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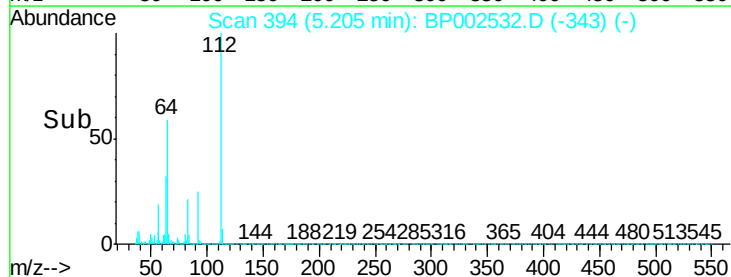
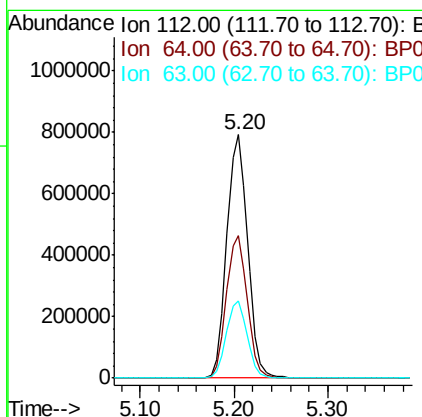
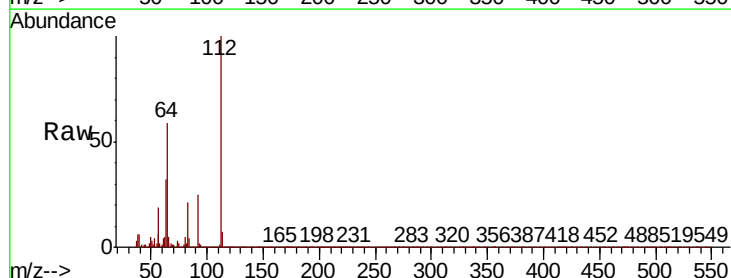
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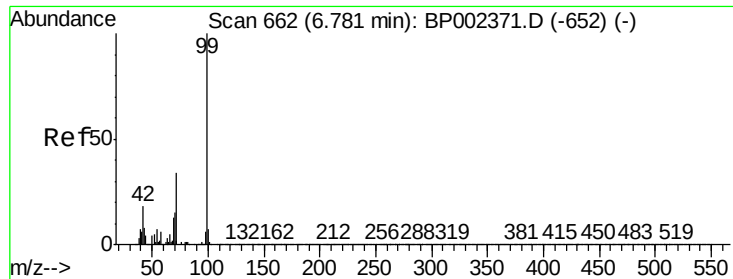


#5

2-Fluorophenol
Concen: 91.943 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.4	69.6
63	31.7	25.0	37.6





#7

Phenol-d6

Concen: 93.028 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002532.D

Acq: 24 Jun 2020 20:25

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-011-B

Tot Ion: 99 Resp: 1654262

Ion Ratio Lower Upper

99 100

42 18.9 15.3 22.9

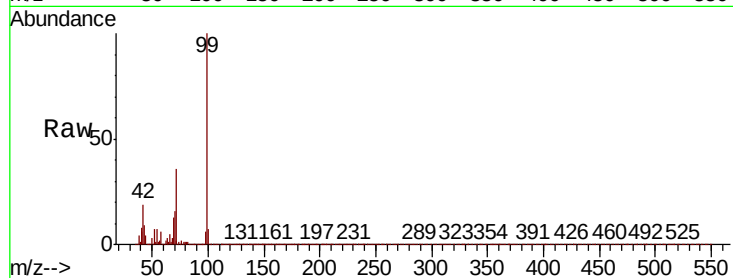
71 36.0 28.2 42.2

Manual Integrations

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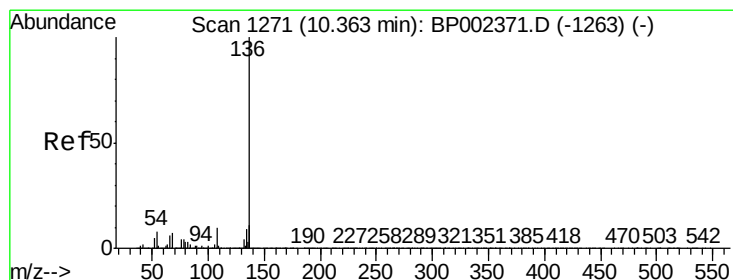
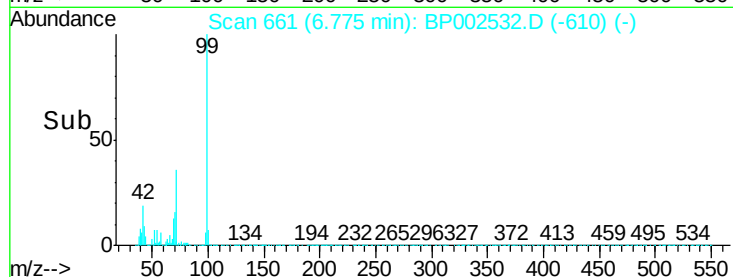
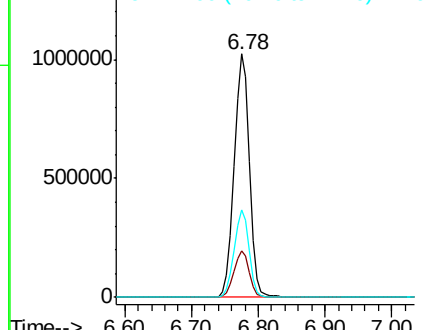
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002532.D

Acq: 24 Jun 2020 20:25

Tgt Ion: 136 Resp: 999928

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 10.0

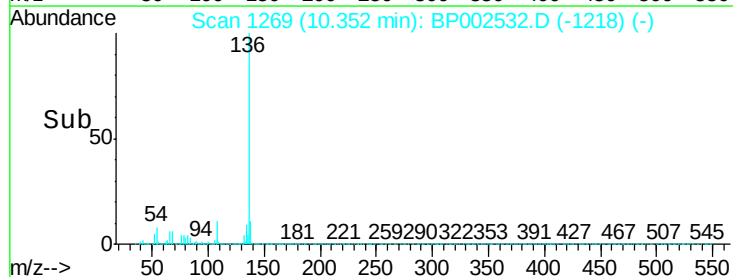
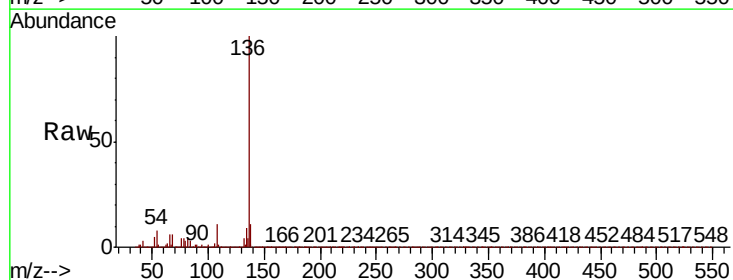
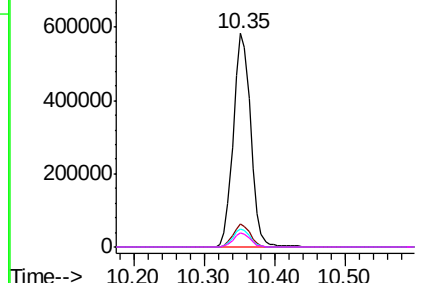
68 6.4 5.4 8.0

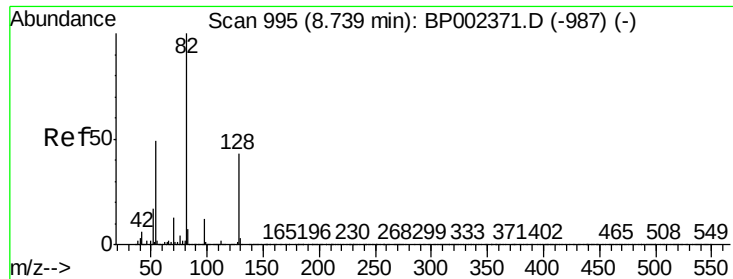
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





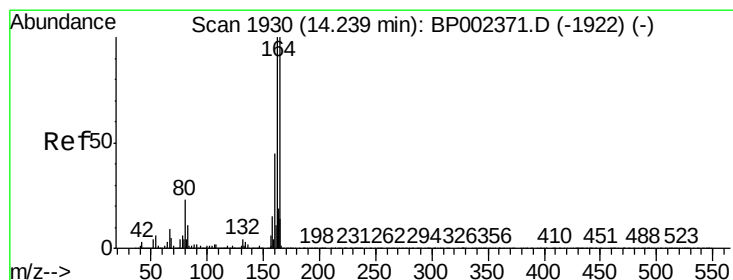
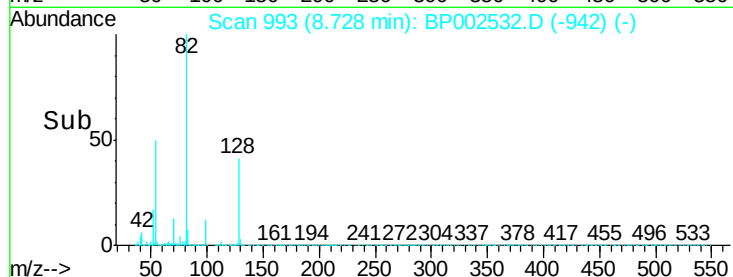
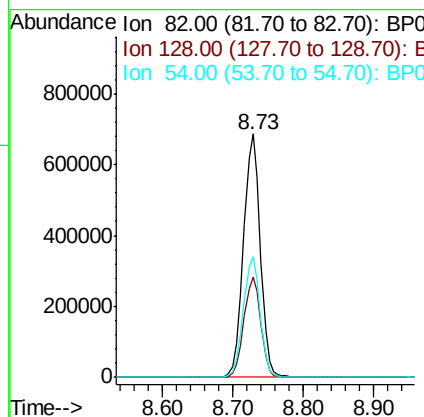
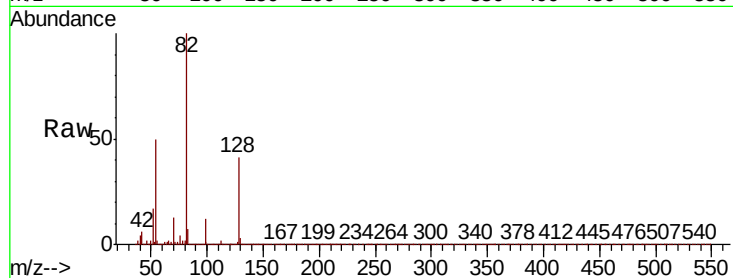
#23
Nitrobenzene-d5
Concen: 67.638 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	49.7	39.9	59.9

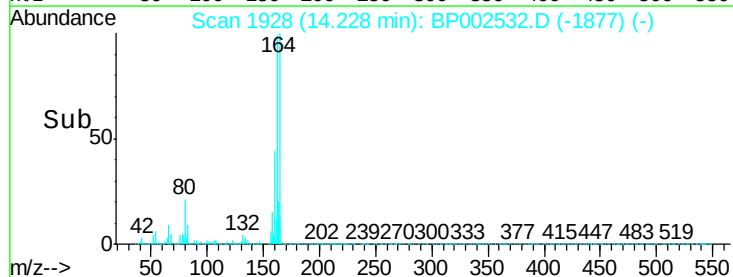
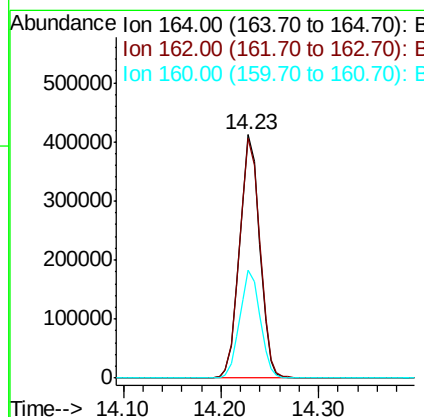
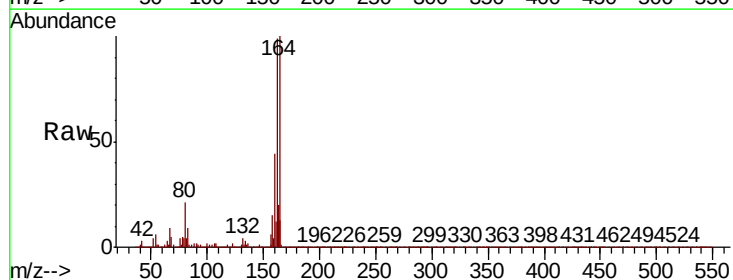
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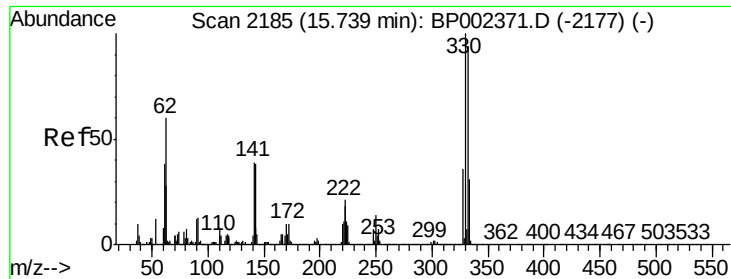
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	121.0
160	44.2	35.4	53.2





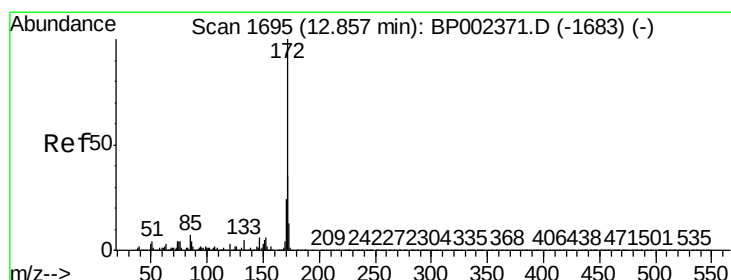
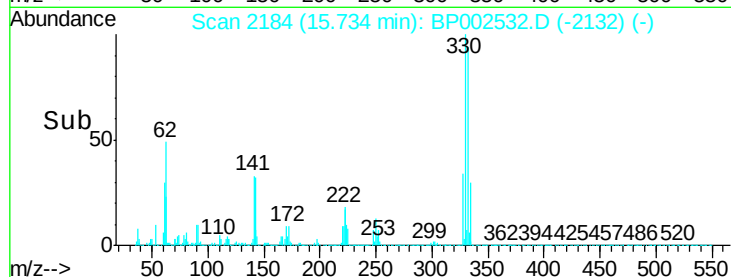
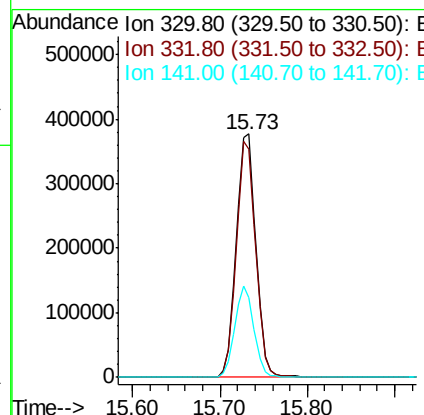
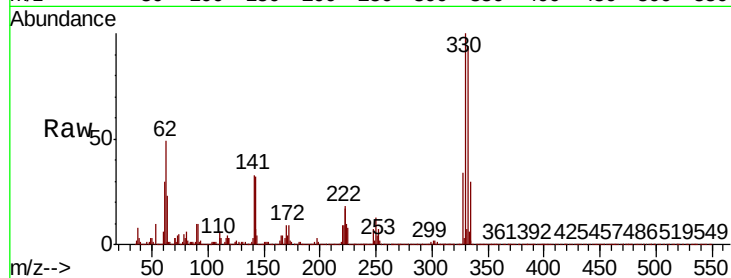
#42
2,4,6-Tribromophenol
Concen: 102.043 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.2	115.8
141	36.1	30.4	45.6

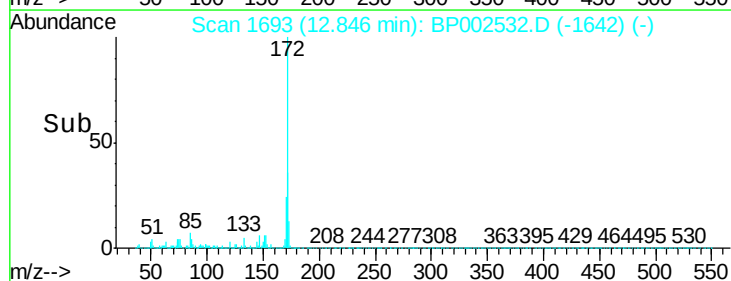
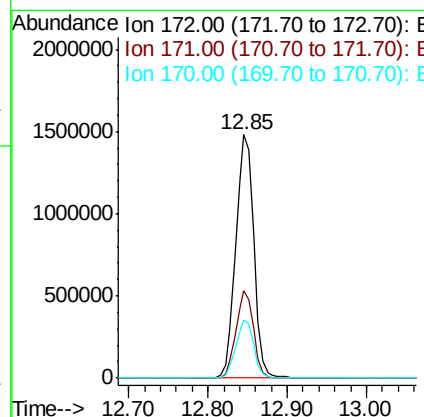
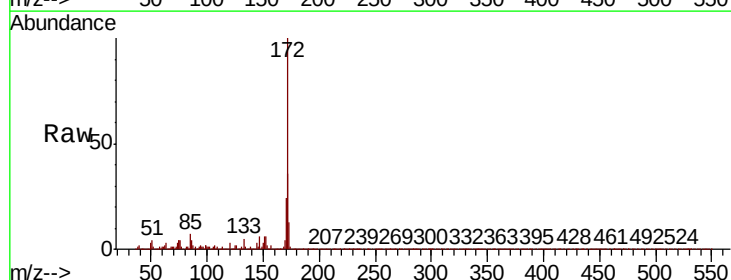
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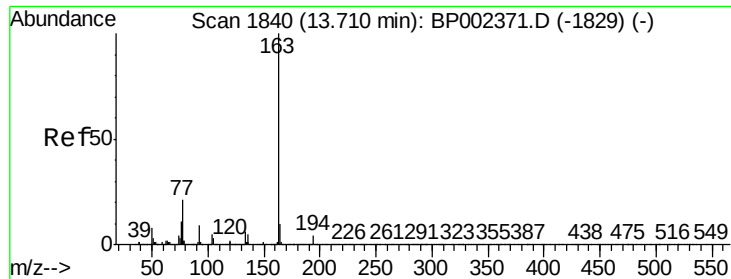
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#45
2-Fluorobiphenyl
Concen: 66.036 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.0	19.0	28.6





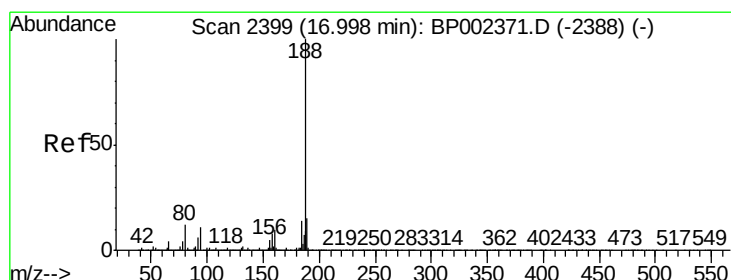
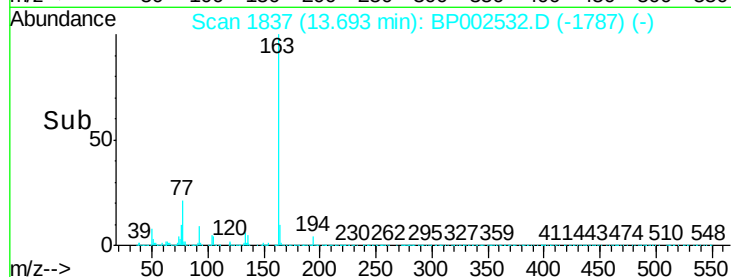
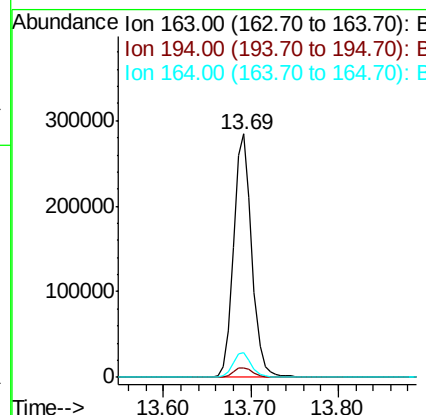
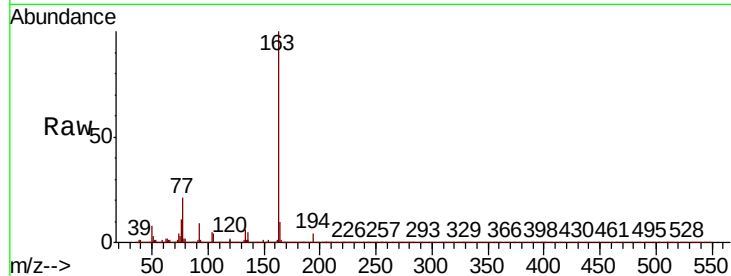
#50
Dimethylphthalate
Concen: 9.981 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion:	163	Resp:	404651
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.0	8.2	12.2

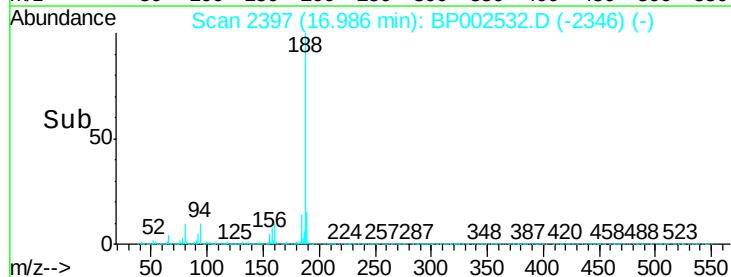
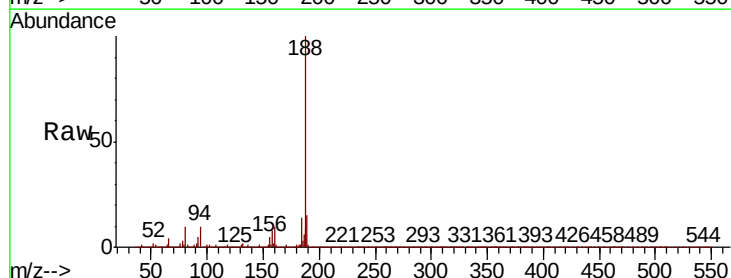
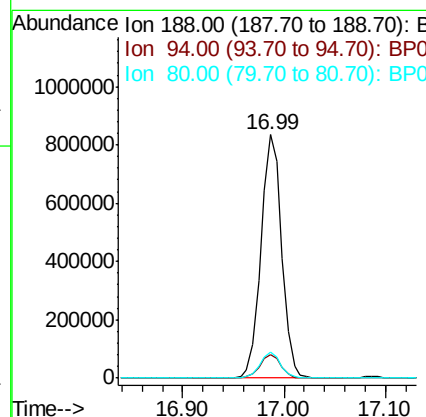
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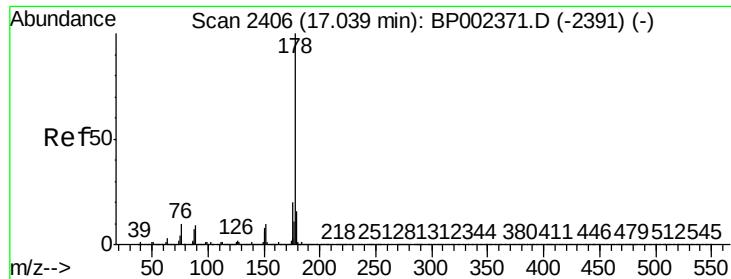
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion:	188	Resp:	1180031
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.6	11.4
80	10.4	8.3	12.5





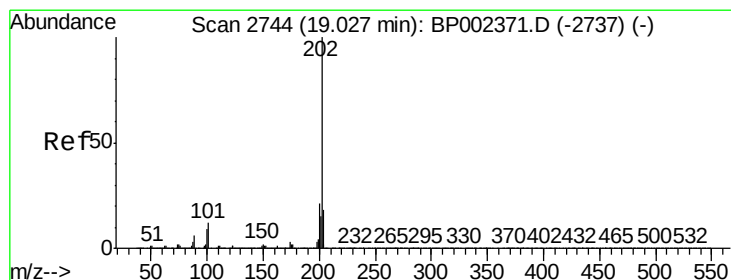
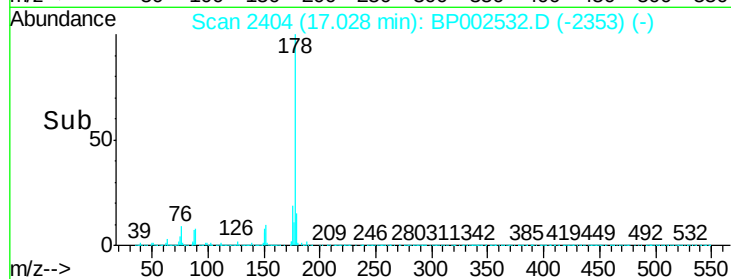
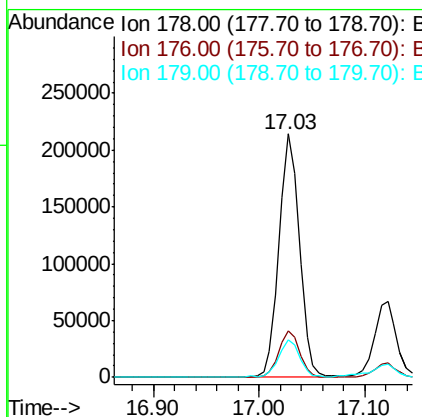
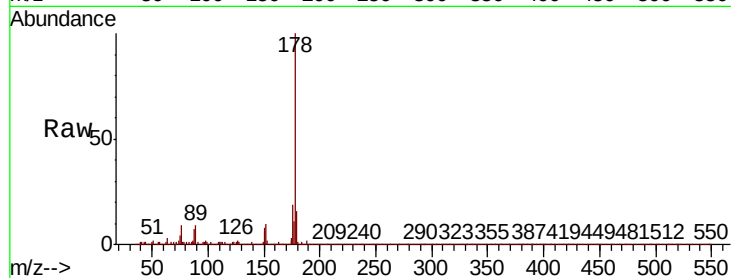
#71
Phenanthrene
Concen: 5.154 ng
RT: 17.03 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.6	12.8	19.2

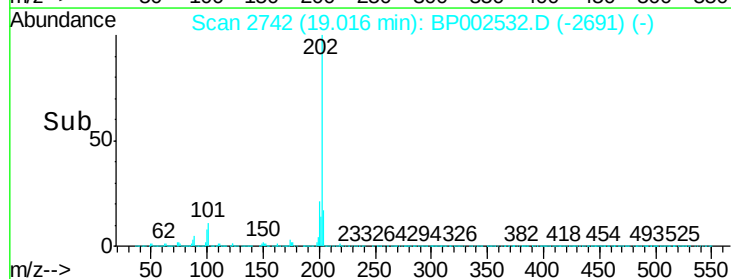
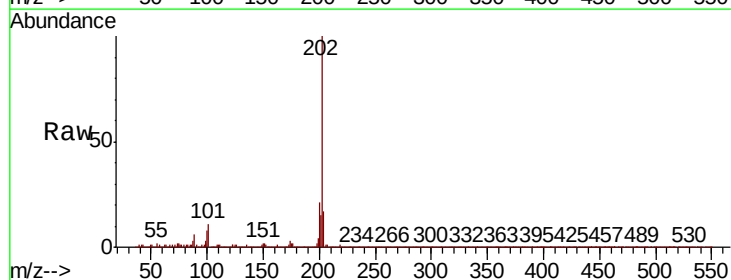
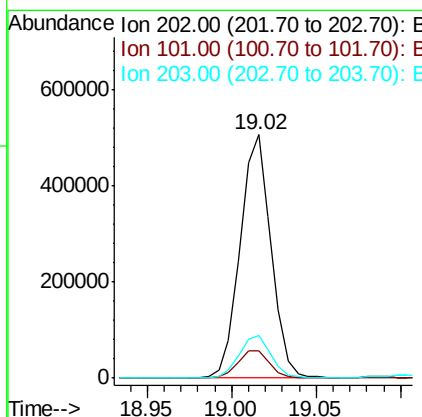
Manual Integrations
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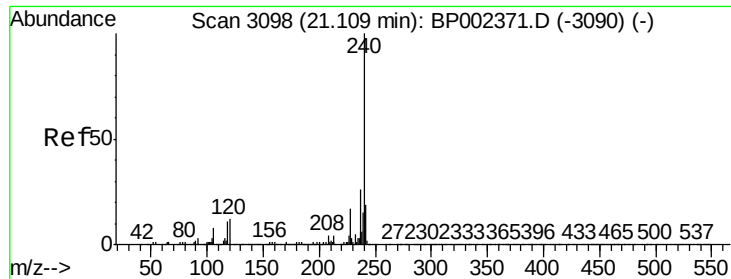
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#75
Fluoranthene
Concen: 9.744 ng
RT: 19.02 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
203	17.3	0.0	36.9





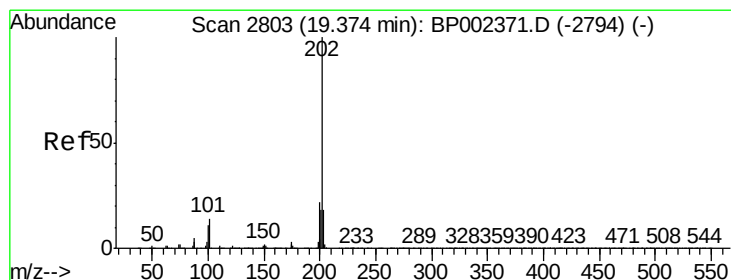
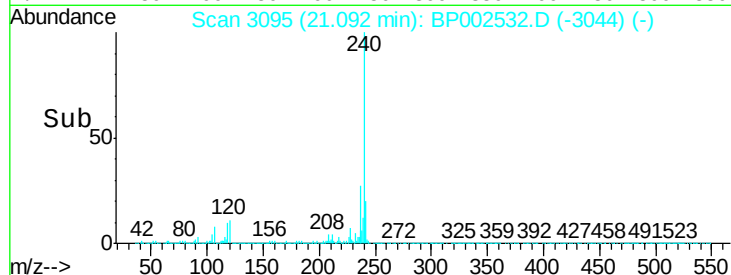
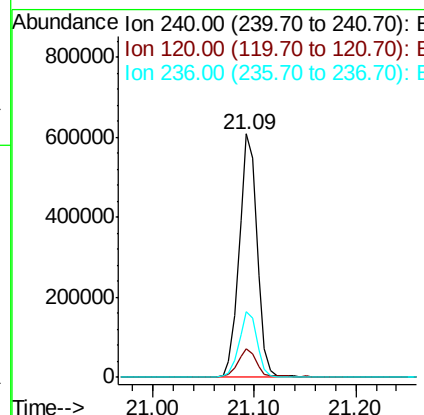
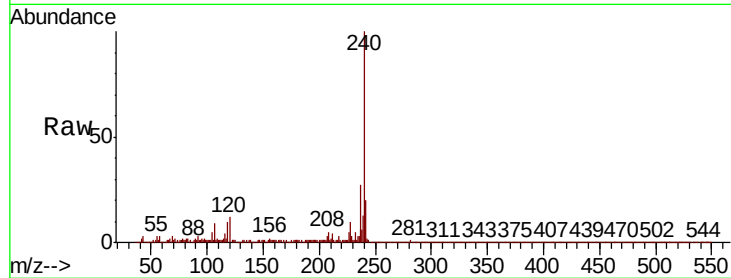
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.9	13.3
236	27.2	21.7	32.5

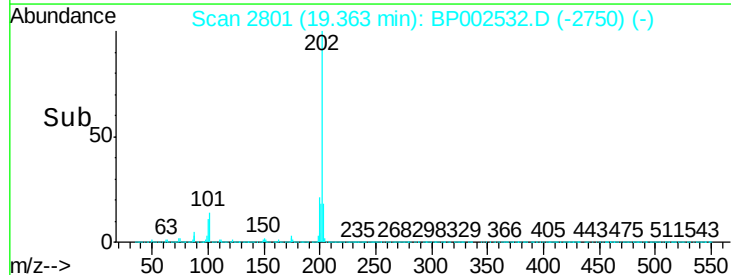
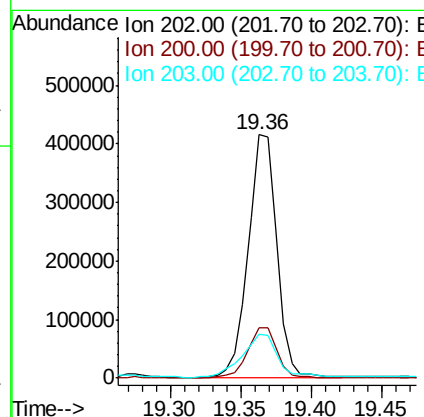
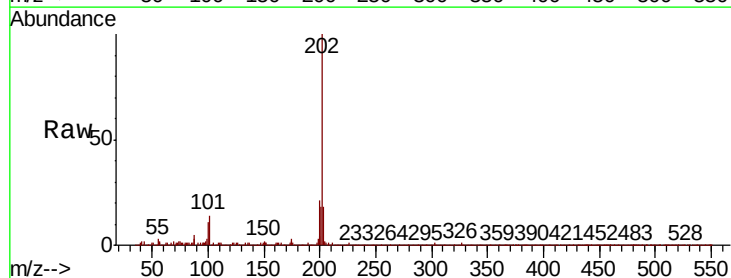
Manual Integrations
APPROVED

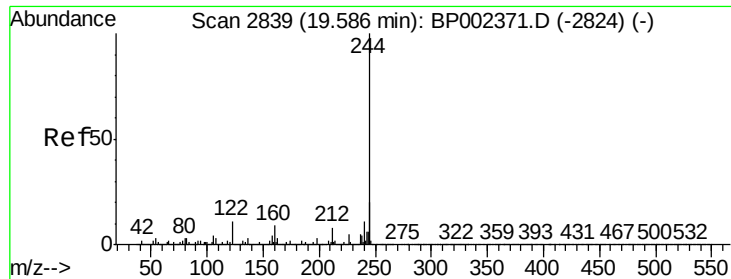
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#78
Pyrene
Concen: 13.048 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.2	14.1	21.1





#79

Terphenyl-d14

Concen: 93.320 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002532.D

Acq: 24 Jun 2020 20:25

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-011-B

Tot Ion:244 Resp: 2600484

Ion Ratio Lower Upper

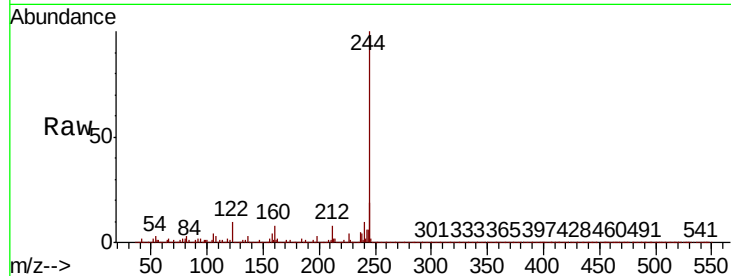
244 100

212 7.8 6.5 9.7

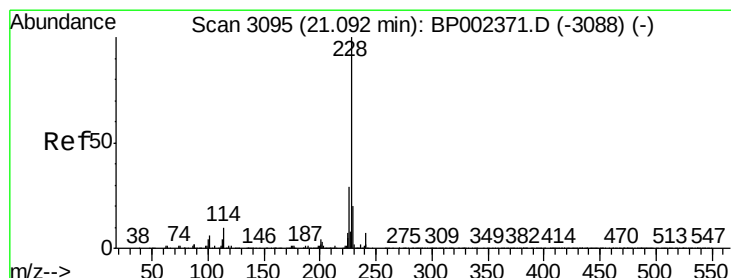
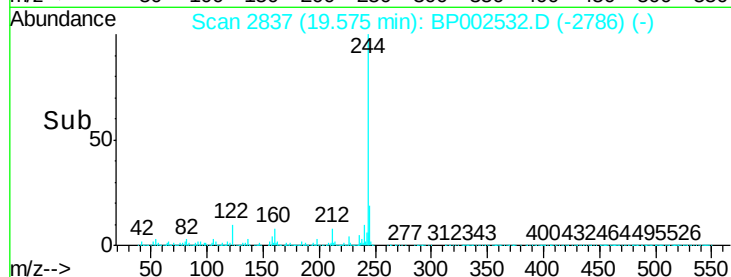
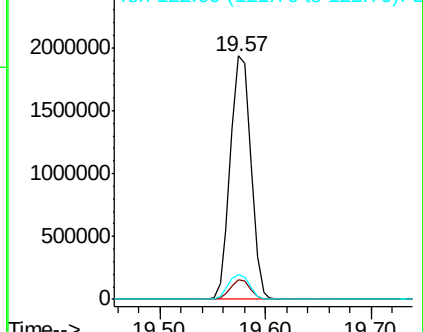
122 10.4 8.0 12.0

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6/25/2020 1:07:43 PM



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



#81

Benzo(a)anthracene

Concen: 6.488 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BP002532.D

Acq: 24 Jun 2020 20:25

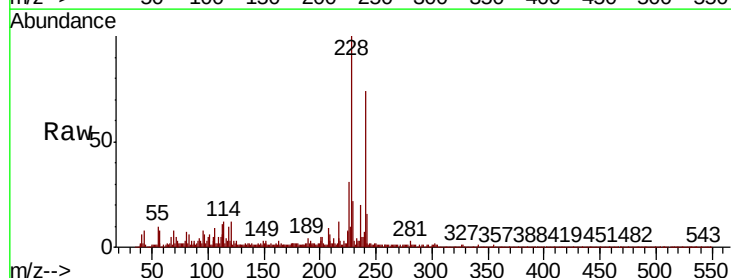
Tgt Ion:228 Resp: 273223

Ion Ratio Lower Upper

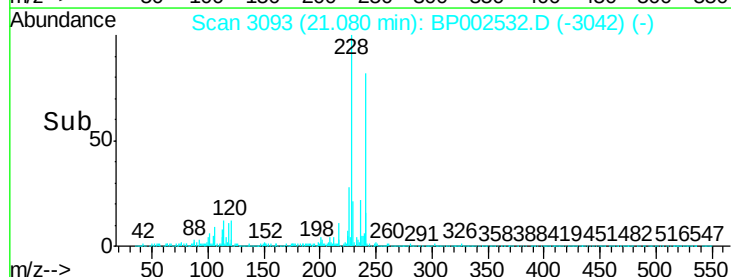
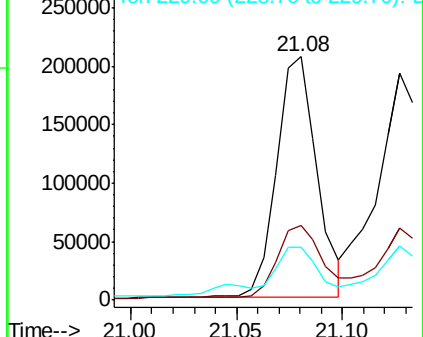
228 100

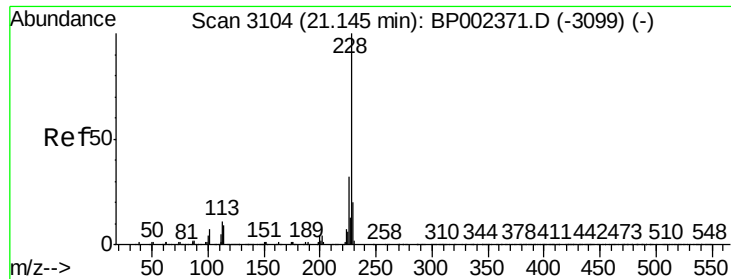
226 30.7 22.3 33.5

229 22.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





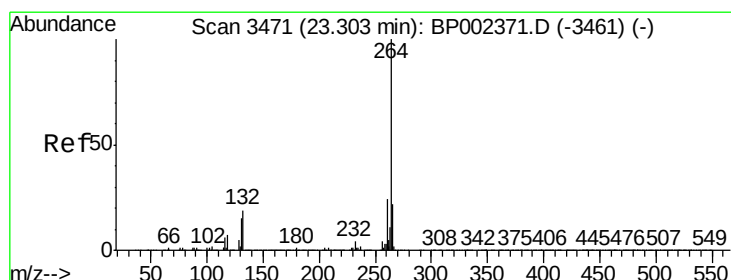
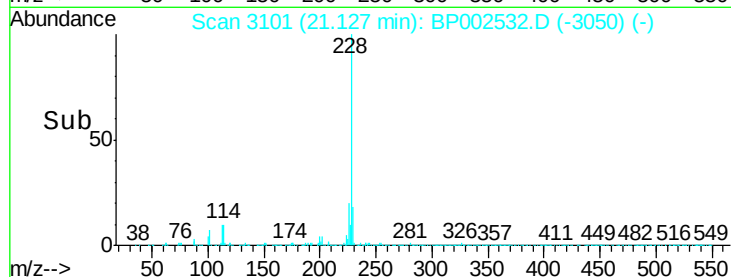
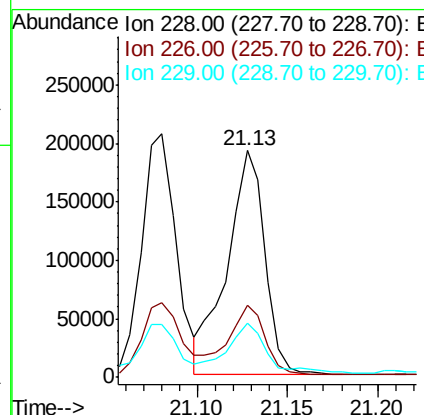
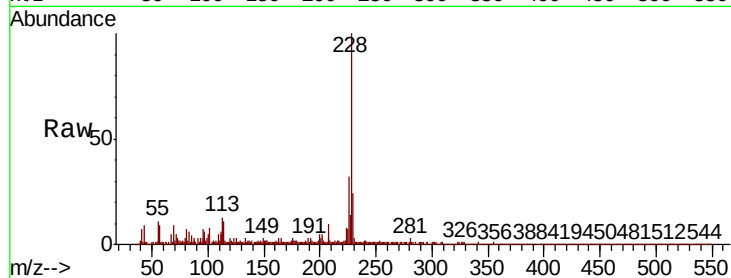
#83
Chrysene
Concen: 7.038 ng/ml
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion:	228	Resp:	280810
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.0	37.6
229	23.9	15.7	23.5

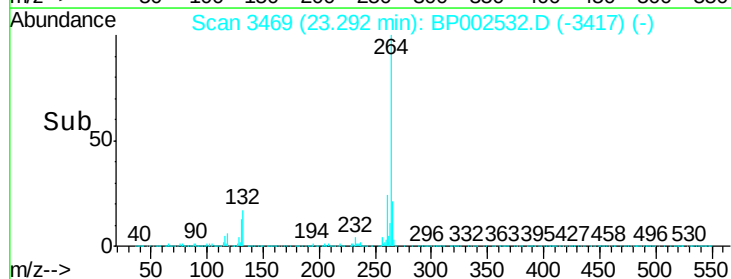
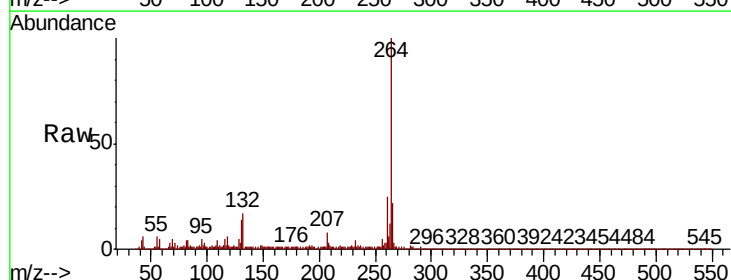
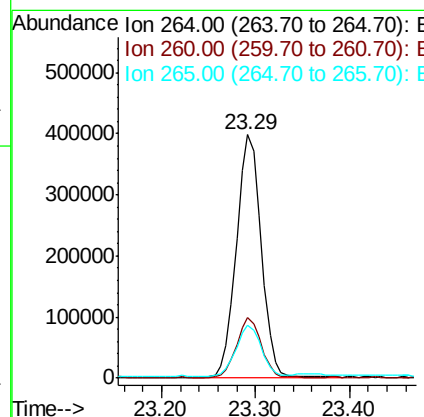
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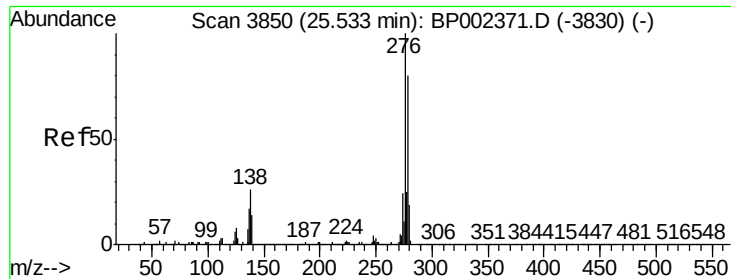
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6/25/2020 1:07:43 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion:	264	Resp:	729410
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.7	29.5
265	21.8	17.6	26.4





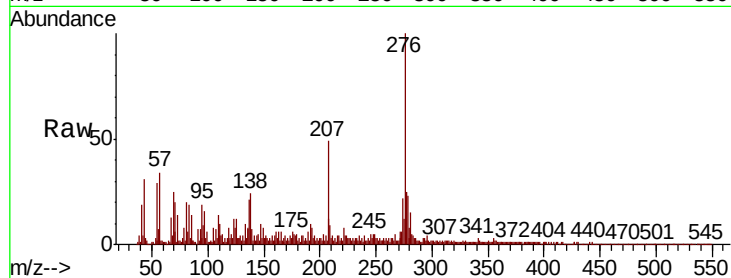
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.178 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. 0.00 min
 Lab File: BP002532.D
 Acq: 24 Jun 2020 20:25

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-B

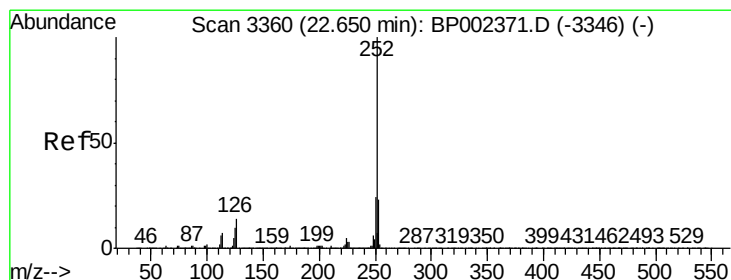
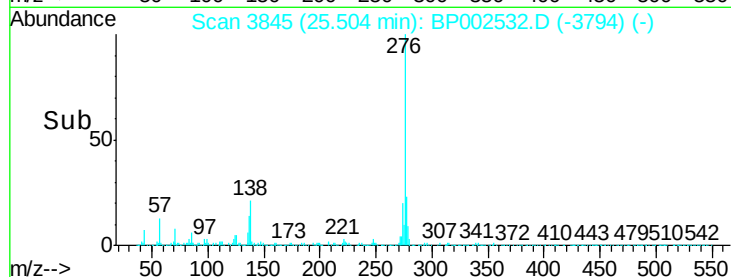
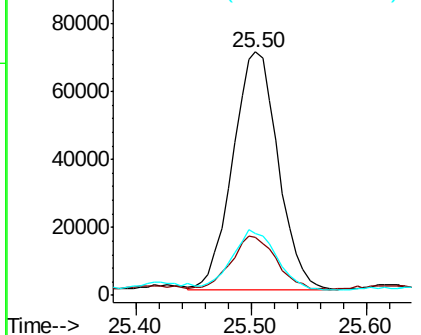
Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	22.2	19.4	29.0		
277	25.0	20.4	30.6		

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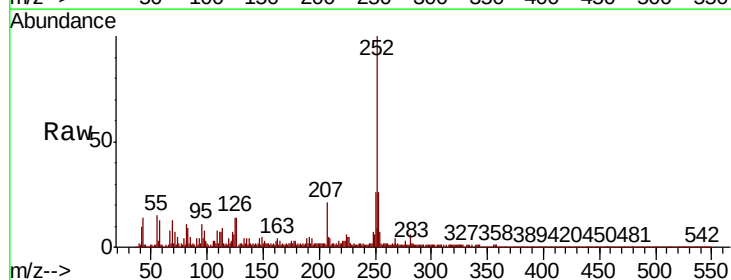


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

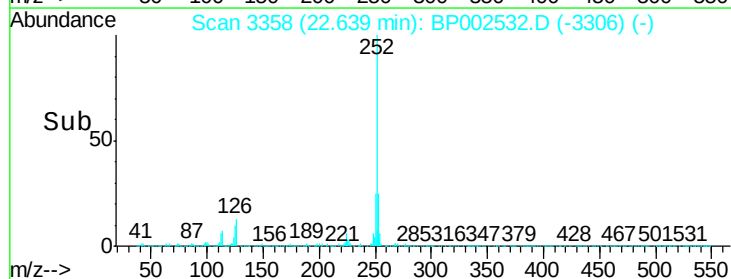
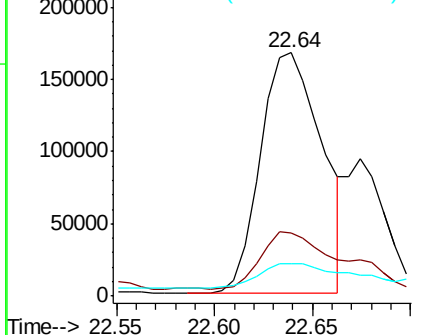


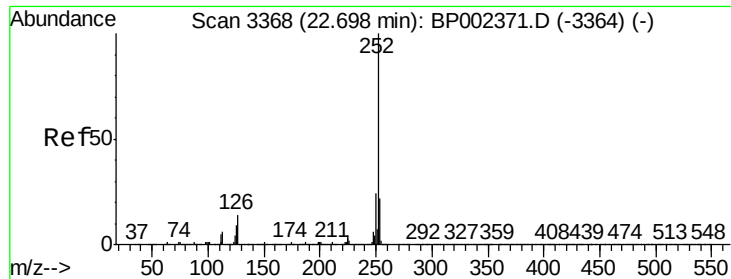
#88
 Benzo(b)fluoranthene
 Concen: 9.265 ng m
 RT: 22.64 min Scan# 3358
 Delta R.T. 0.01 min
 Lab File: BP002532.D
 Acq: 24 Jun 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	25.8	18.1	27.1		
125	13.5	7.5	11.3#		



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





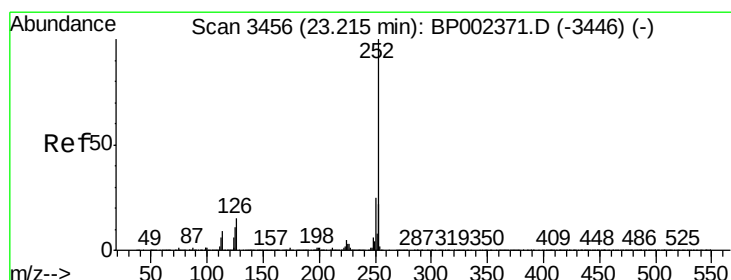
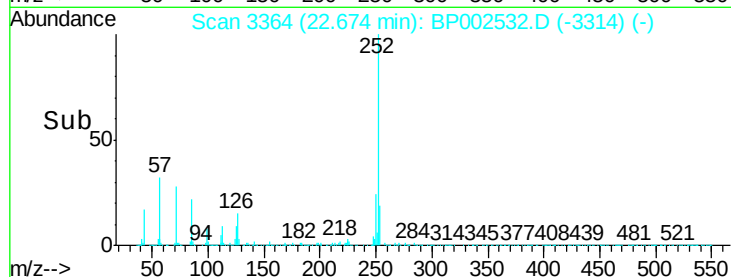
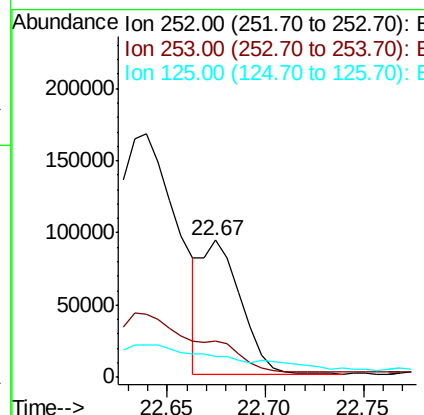
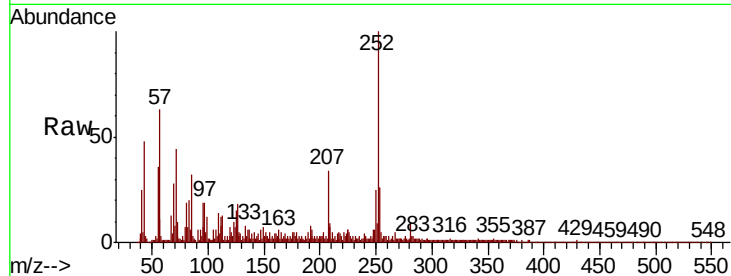
#89
Benzo(k)fluoranthene
Concen: 3.410 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	15.4	7.0	10.4#

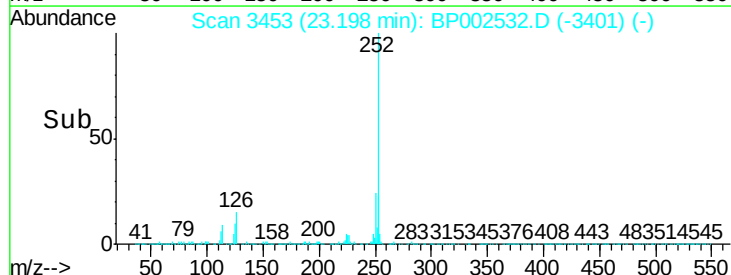
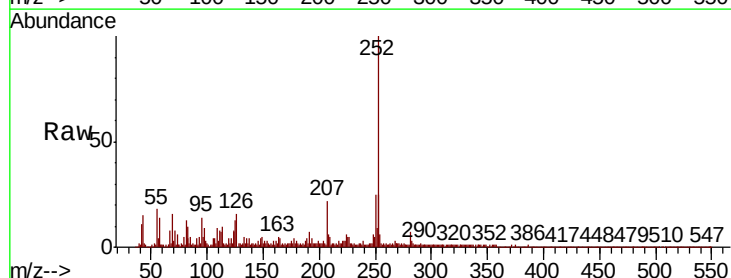
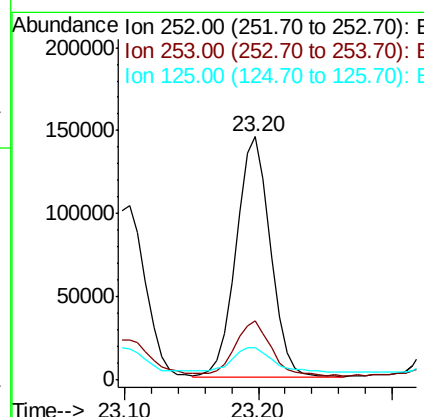
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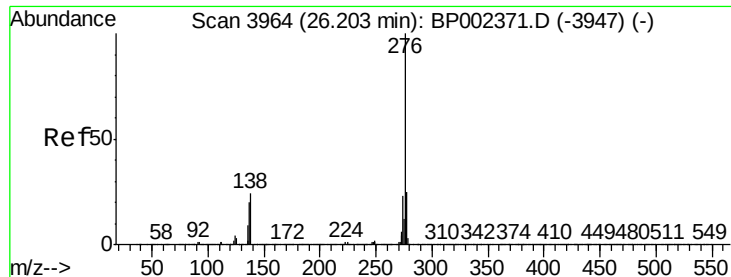
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#90
Benzo(a)pyrene
Concen: 6.961 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BP002532.D
Acq: 24 Jun 2020 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	13.5	8.7	13.1#





#92
 Benzo(a,h,i)perylene
 Concen: 5.259 ng
 RT: 26.18 min Scan# 3960
 Delta R.T. 0.01 min
 Lab File: BP002532.D
 Acq: 24 Jun 2020 20:25

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-B

Tot Ion:	276	Resp:	199339
Ion Ratio	Lower	Upper	
276	100		
277	26.4	18.7	28.1
138	24.6	17.6	26.4

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