

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000126.D
 Acq On : 09 Sep 2019 06:25
 Operator : HP/JU
 Sample : K4736-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-045-A

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:51:43 PM

Quant Time: Sep 09 08:51:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	424534	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1576099	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	835815	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1509674	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1188497	20.00	ng	0.00
87) Perylene-d12	15.63	264	1059955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2392866	89.88	ng	0.00
7) Phenol-d6	6.52	99	3113852	92.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	1691912	65.87	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	796348	113.04	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3302581	65.99	ng	0.00
79) Terphenyl-d14	13.04	244	3567622	65.43	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	121652	3.258	ng	98
50) Dimethylphthalate	9.65	163	502293	8.819	ng	99
71) Phenanthrene	11.46	178	739248	9.825	ng	97
72) Anthracene	11.51	178	236608	3.183	ng	96
75) Fluoranthene	12.66	202	1164870	14.246	ng	96
78) Pyrene	12.89	202	1135469	12.987	ng	97
81) Benzo(a)anthracene	14.09	228	563134	7.312	ng	93
83) Chrysene	14.13	228	483460	6.637	ng	96
86) Indeno(1,2,3-cd)pyrene	17.18	276	215555m	2.361	ng	
88) Benzo(b)fluoranthene	15.17	252	584302m	9.025	ng	
89) Benzo(k)fluoranthene	15.20	252	144130m	2.433	ng	
90) Benzo(a)pyrene	15.56	252	405264	6.934	ng	97
92) Benzo(a,h,i)perylene	17.65	276	199463	3.448	ng	# 94

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

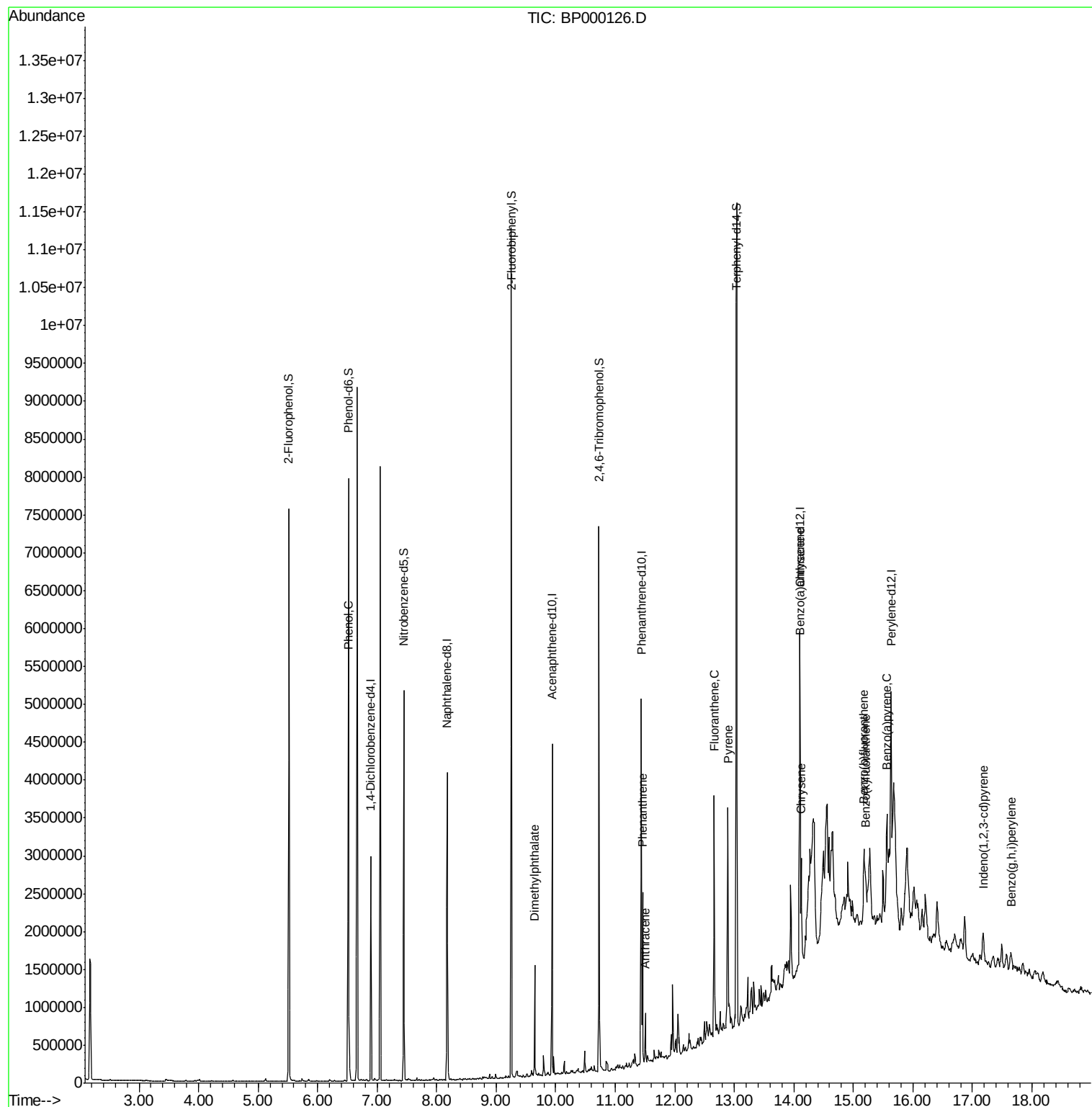
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000126.D
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ALS Vial : 24 Sample Multiplier: 1

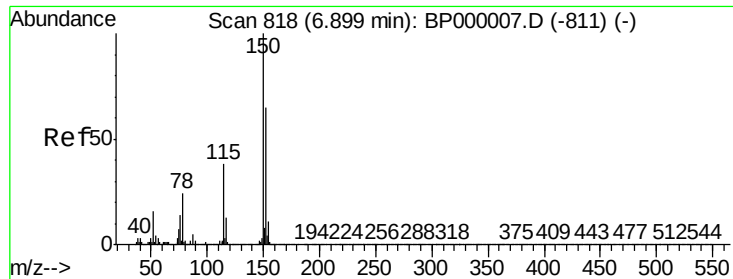
Instrument :
BNA_P
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FK-GF-02-045-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

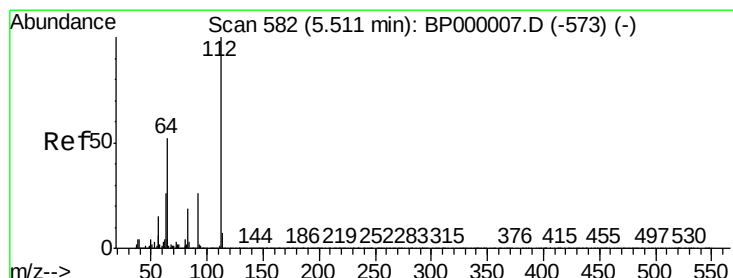
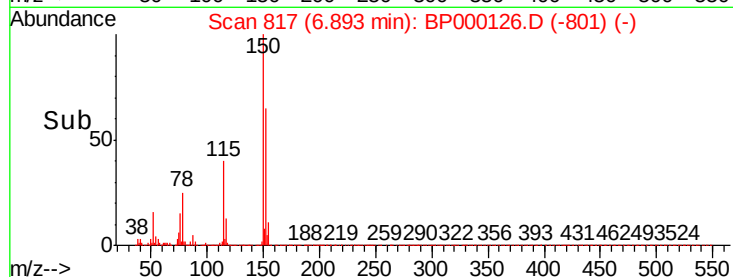
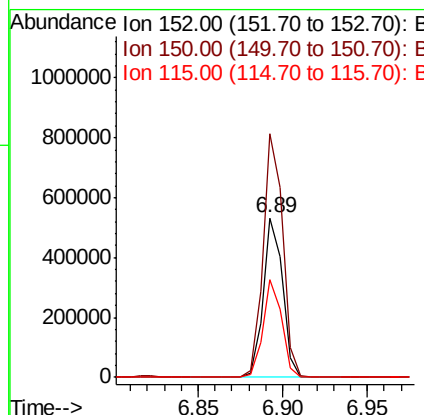
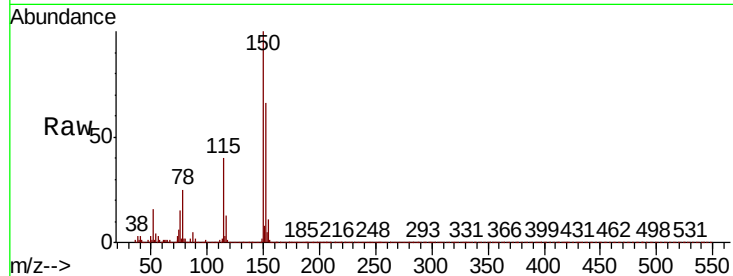
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.0	184.6
115	61.1	46.7	70.1

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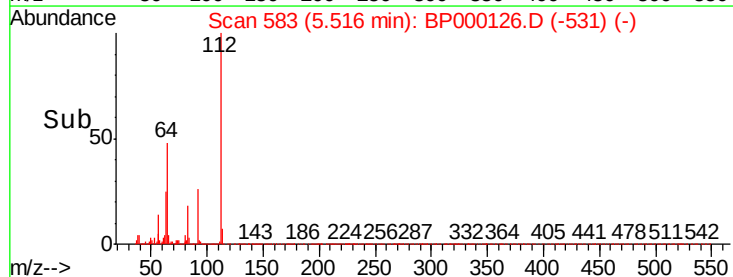
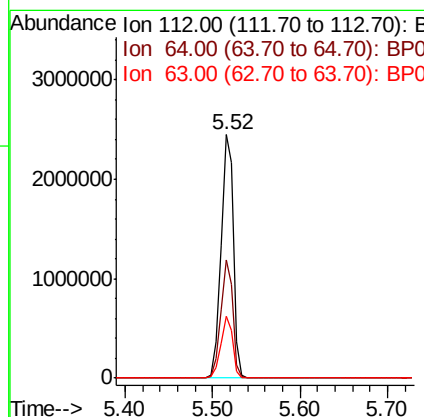
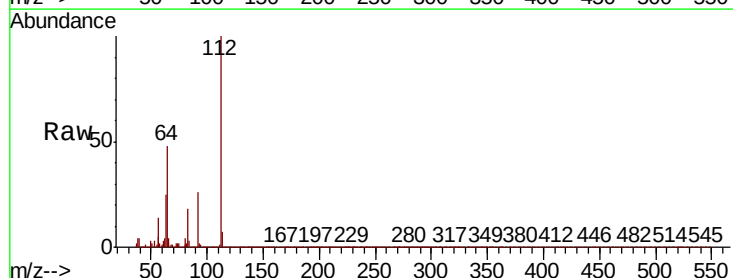
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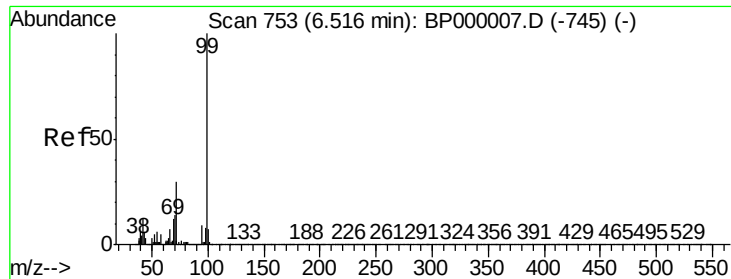


#5

2-Fluorophenol
Concen: 89.880 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	41.8	62.8
63	25.2	21.0	31.4





#7

Phenol-d6

Concen: 92.649 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-045-A

Tot Ion: 99 Resp: 3113852

Ion Ratio Lower Upper

99 100

42 11.6 9.8 14.8

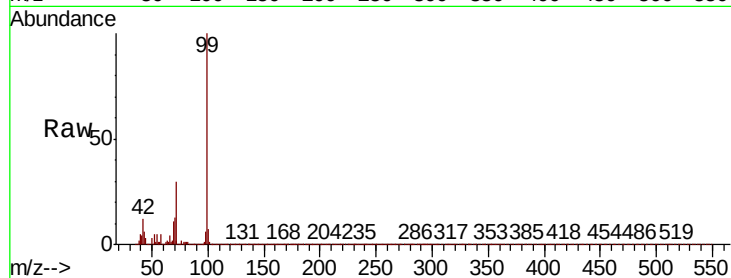
71 30.1 23.8 35.8

Manual Integrations

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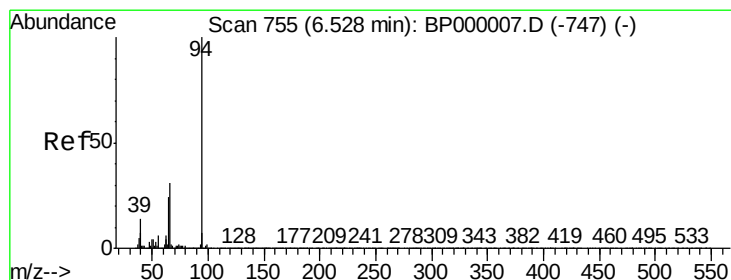
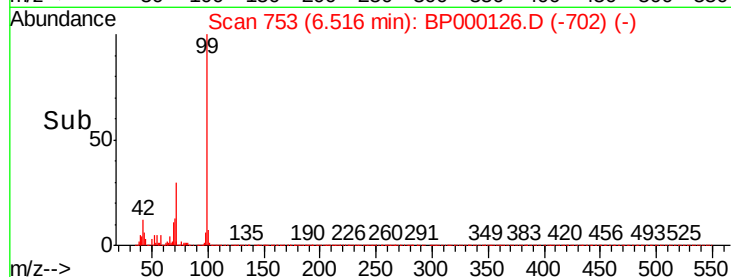
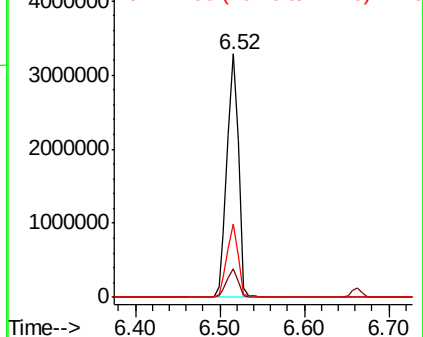
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.258 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

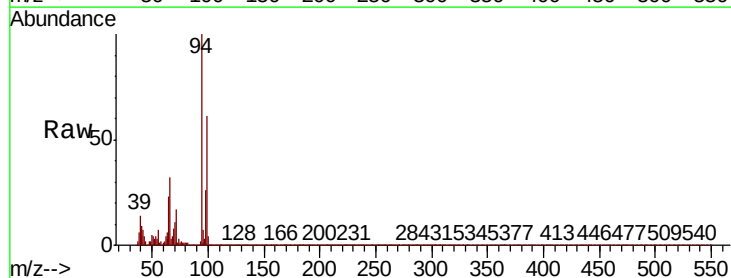
Tgt Ion: 94 Resp: 121652

Ion Ratio Lower Upper

94 100

65 22.9 4.1 44.1

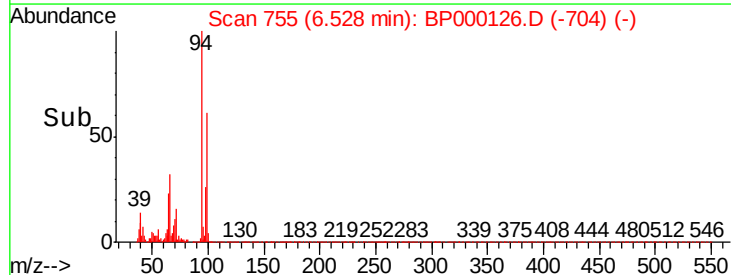
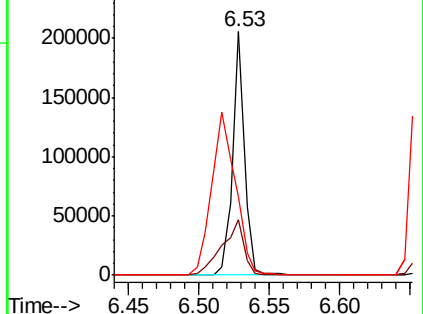
66 32.2 11.4 51.4

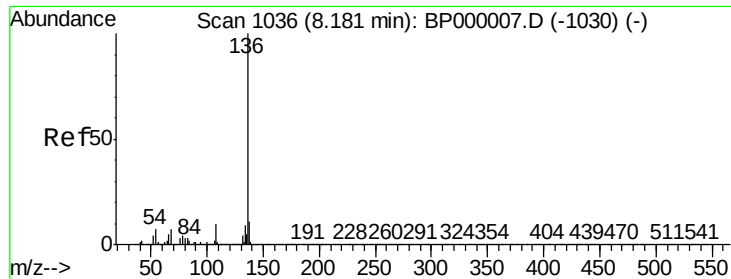


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





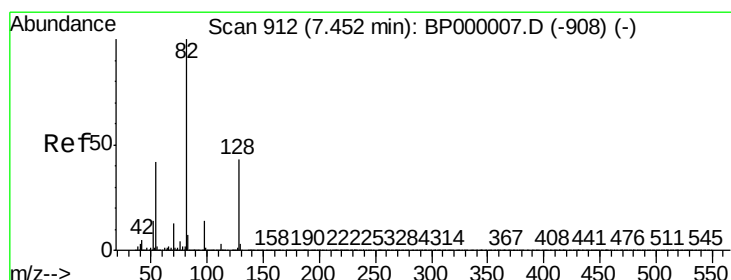
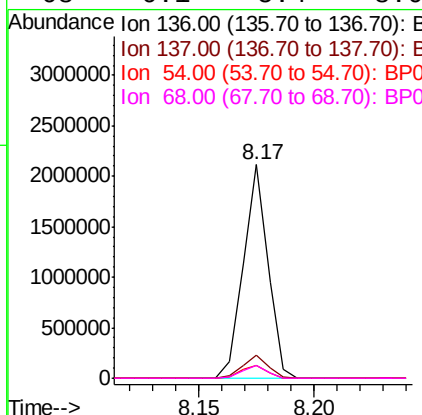
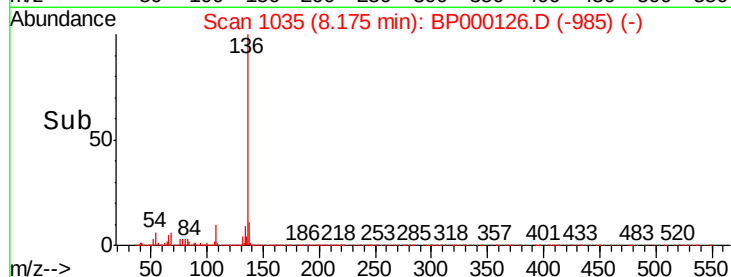
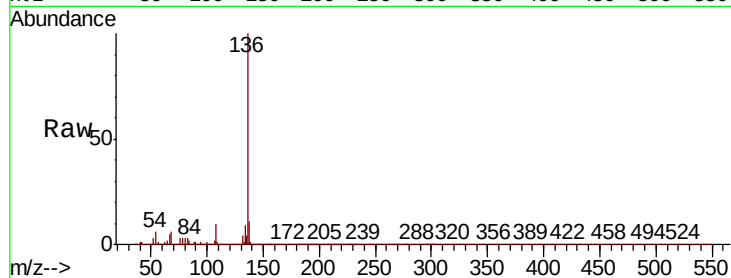
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1576099		
137	10.6	8.6	13.0		
54	5.9	5.4	8.2		
68	6.1	5.4	8.0		

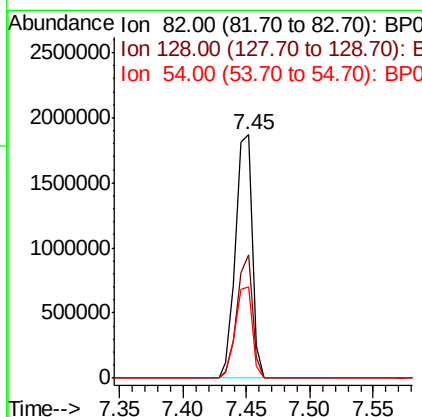
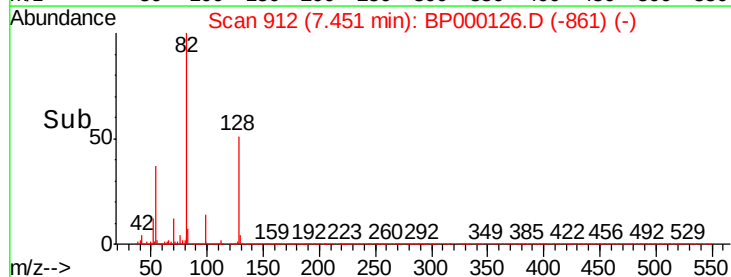
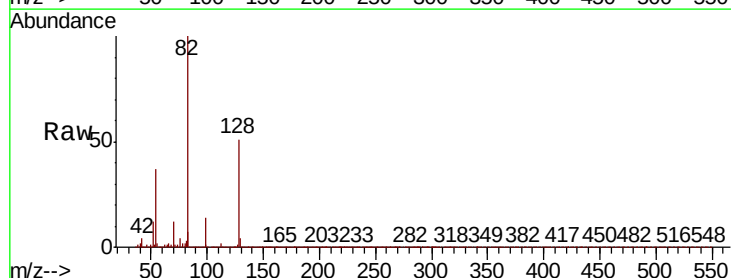
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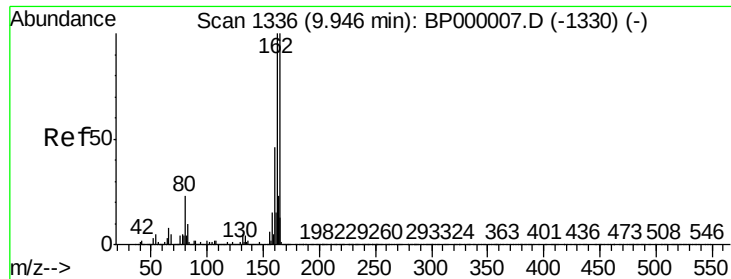
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#23
Nitrobenzene-d5
Concen: 65.869 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1691912		
128	50.7	34.5	51.7		
54	37.3	33.2	49.8		





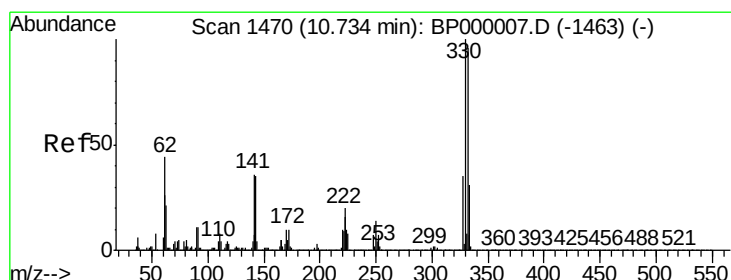
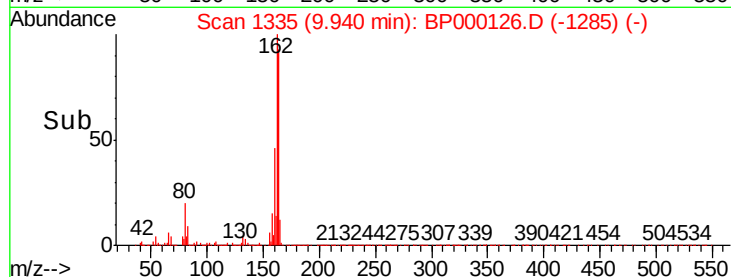
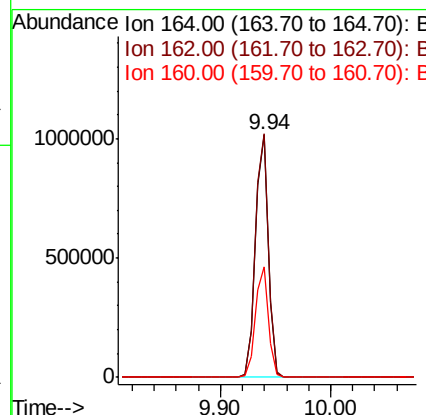
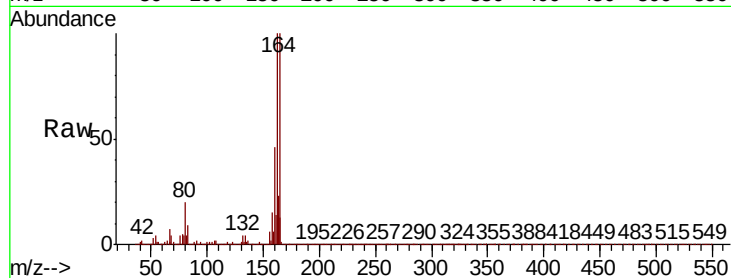
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampled :
FK-GF-02-045-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.2	120.4	
160	45.8	36.6	55.0	

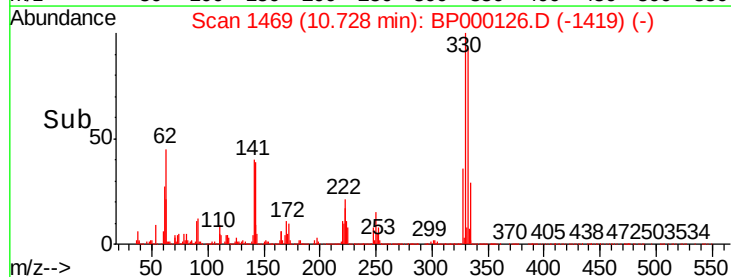
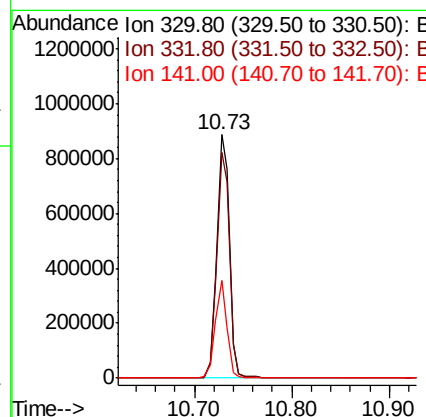
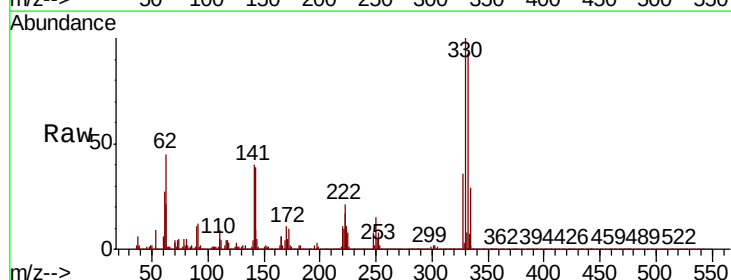
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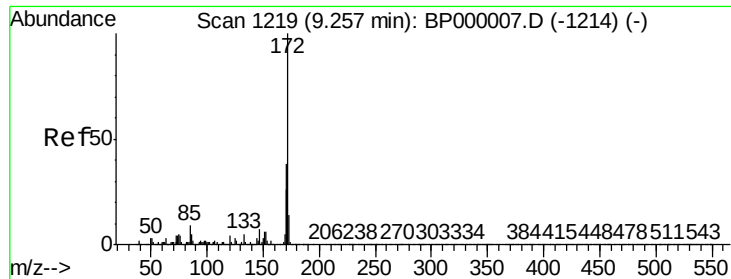
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#42
2,4,6-Tribromophenol
Concen: 113.036 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	76.8	115.2	
141	37.3	33.6	50.4	





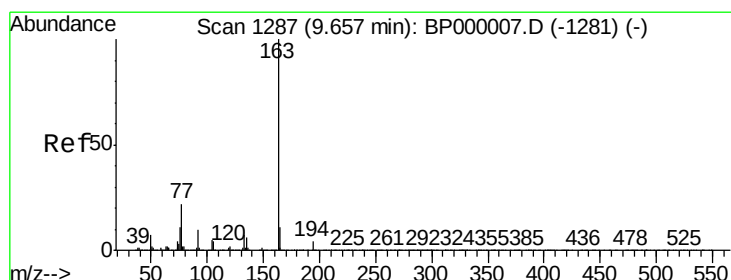
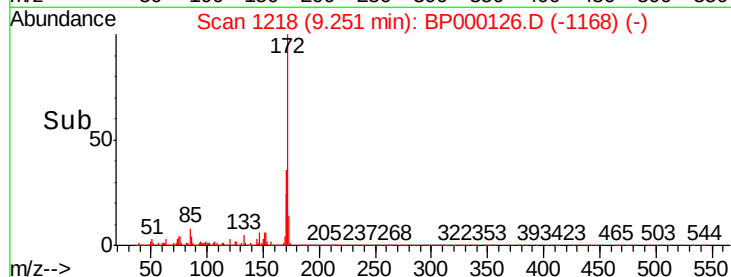
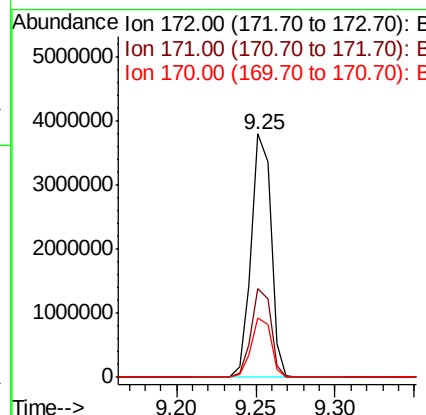
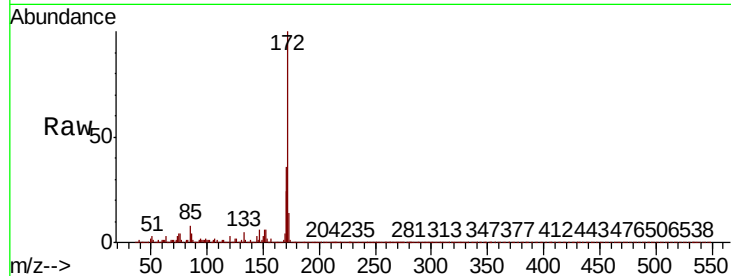
#45
2-Fluorobiphenyl
Concen: 65.987 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.3	20.7	31.1

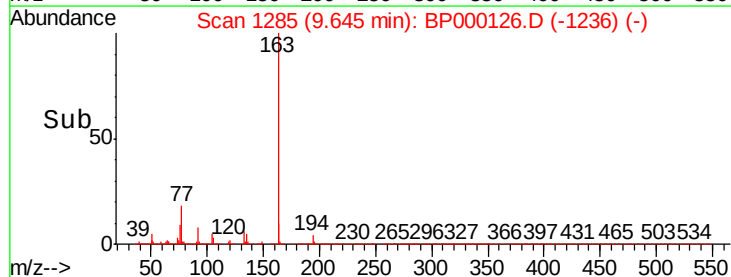
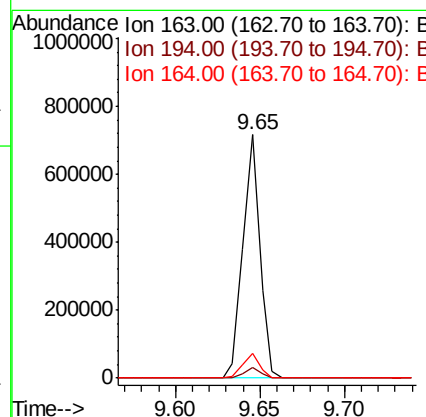
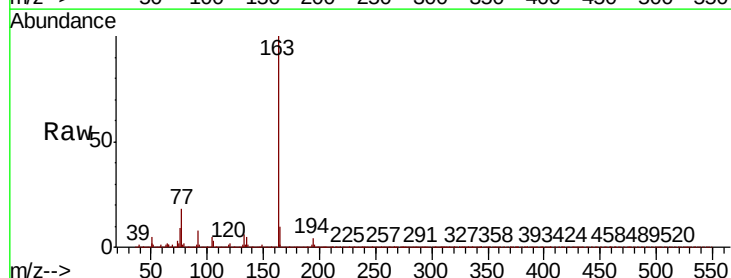
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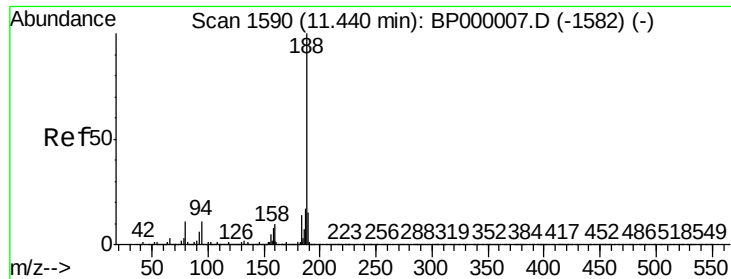
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#50
Dimethylphthalate
Concen: 8.819 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	8.4	12.6





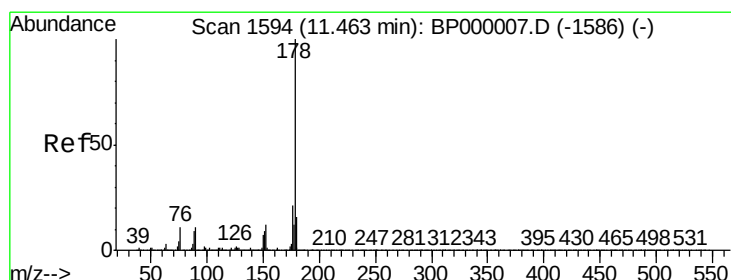
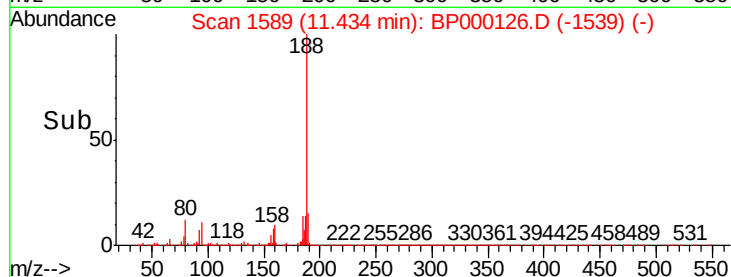
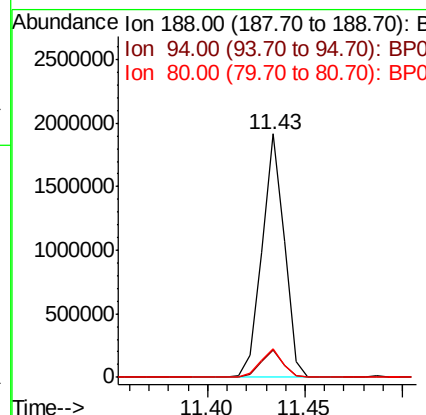
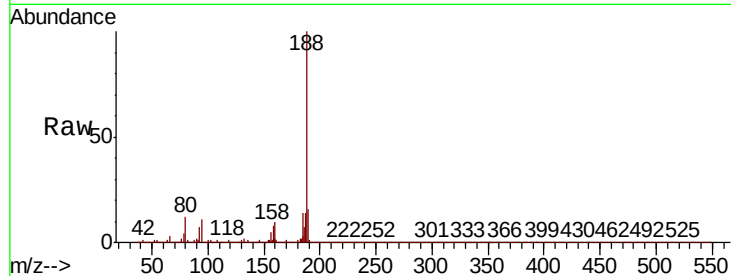
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	11.6	9.0	13.6

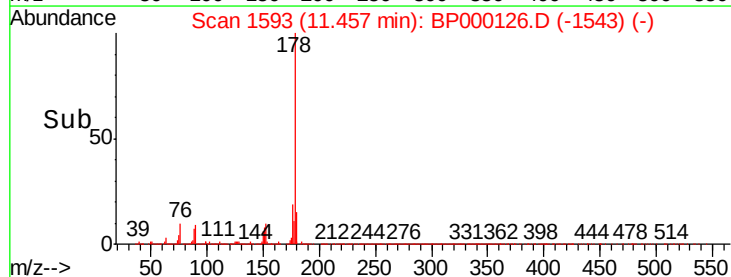
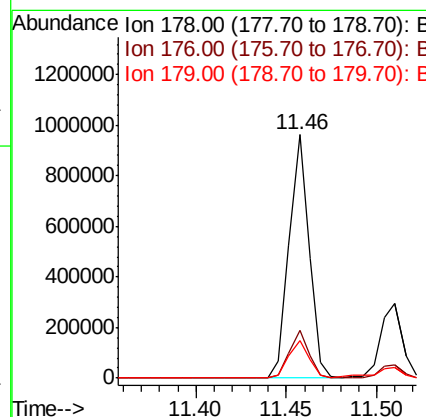
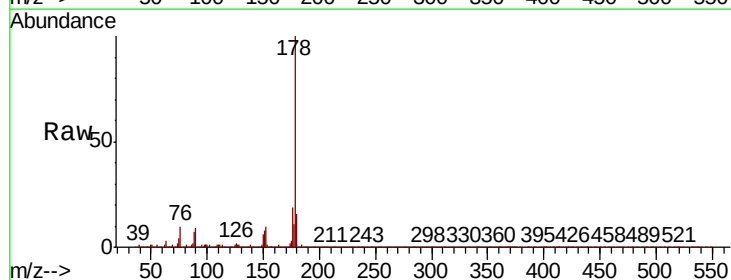
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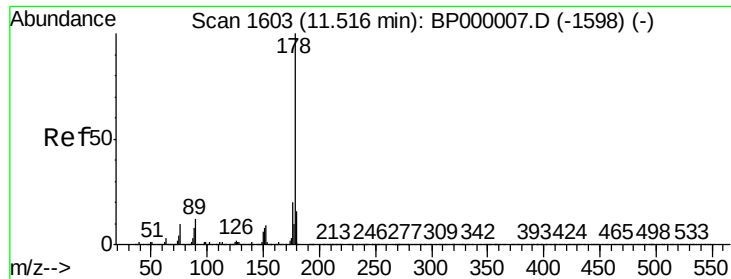
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#71
Phenanthrene
Concen: 9.825 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.7	25.1
179	15.5	13.1	19.7





#72

Anthracene

Concen: 3.183 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-045-A

Tot Ion:178 Resp: 236608

Ion Ratio Lower Upper

178 100

176 18.2 15.9 23.9

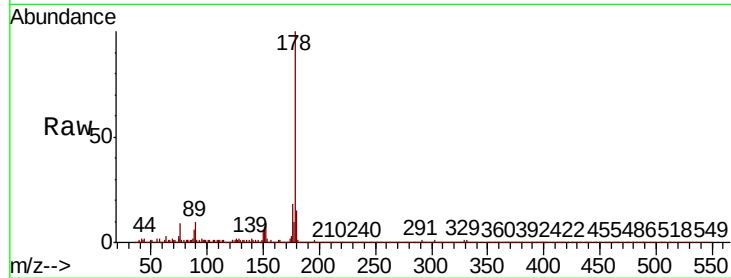
179 14.5 13.0 19.6

Manual Integrations

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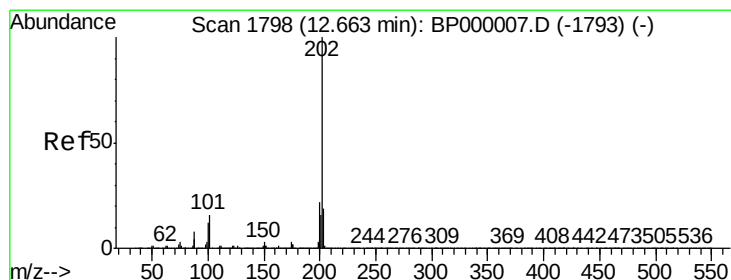
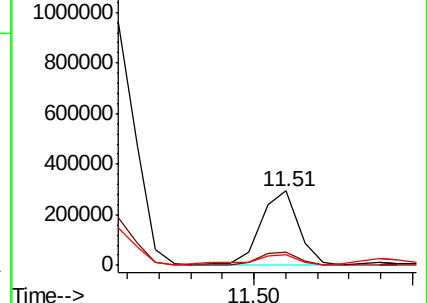
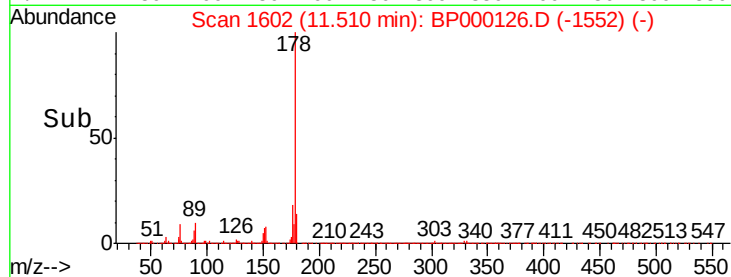
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 14.246 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

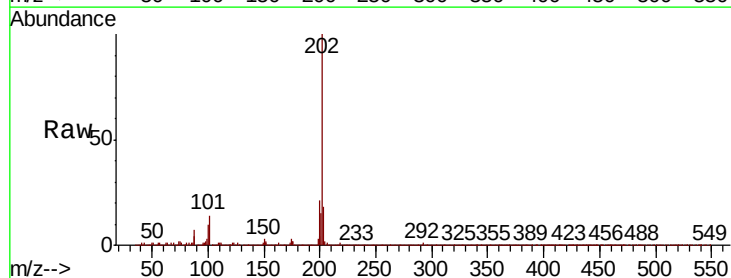
Tgt Ion:202 Resp: 1164870

Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.4

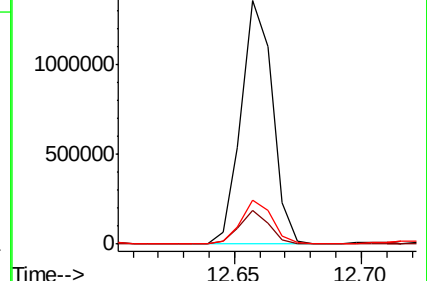
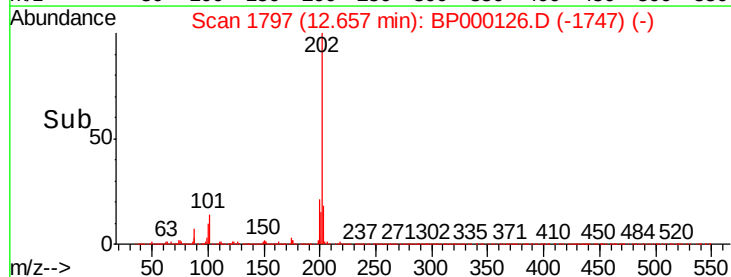
203 17.9 0.0 38.7

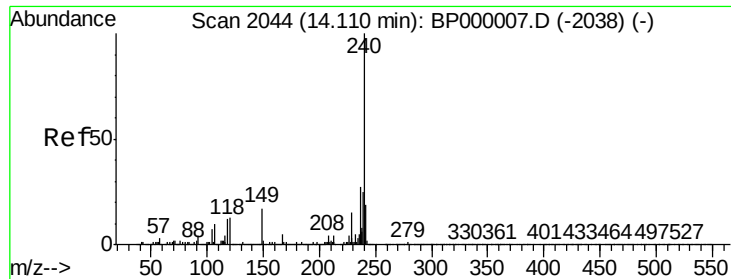


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





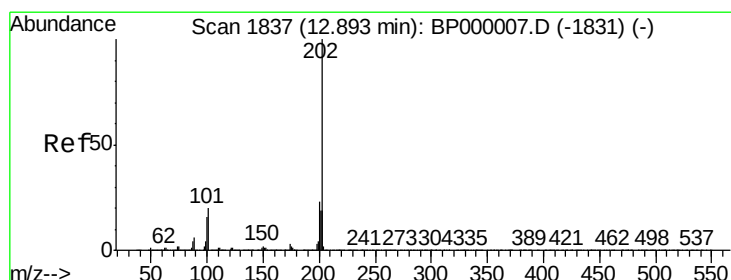
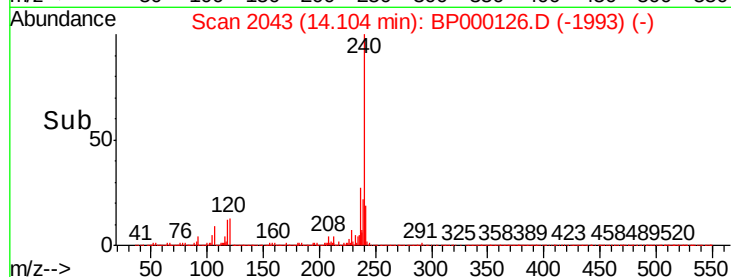
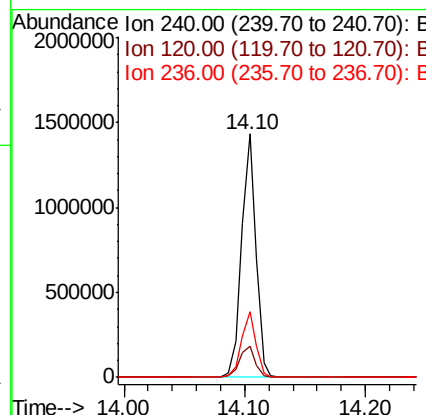
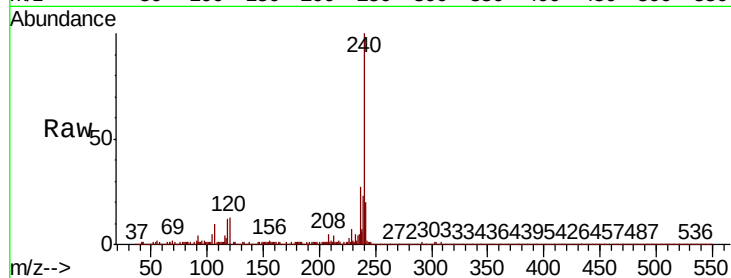
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.5	15.7
236	27.2	21.5	32.3

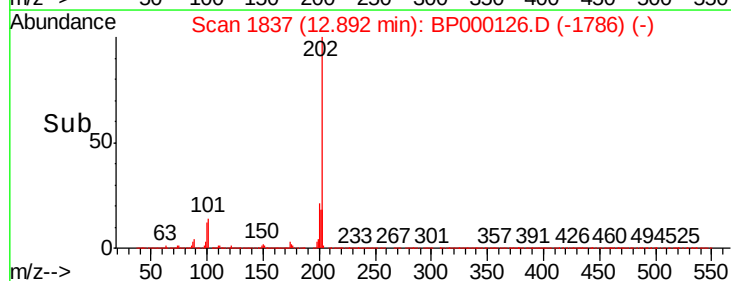
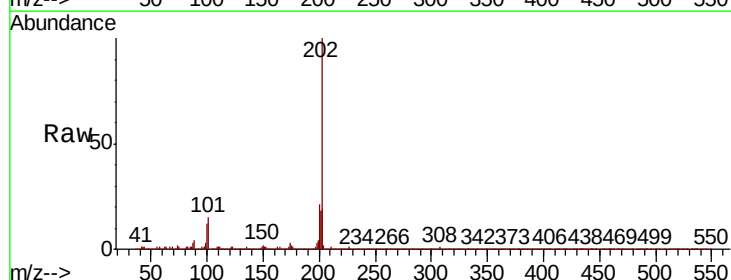
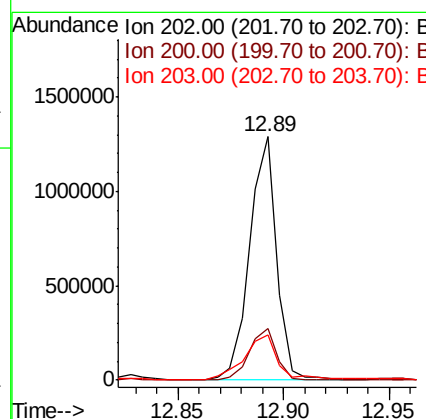
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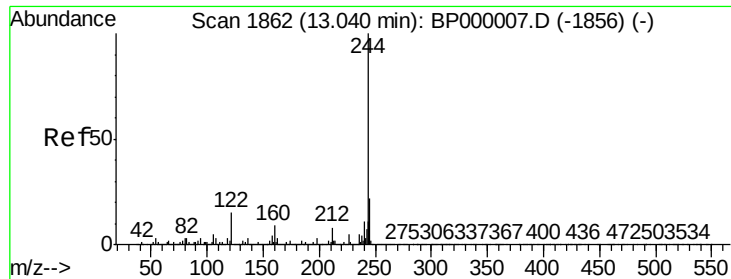
mohammad
9/10/2019 2:51:43 PM



#78
Pyrene
Concen: 12.987 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.5	27.7
203	18.6	15.1	22.7





#79

Terphenyl-d14

Concen: 65.427 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

Instrument :

BNA_P

ClientSampled :

FK-GF-02-045-A

Tot Ion:244 Resp: 3567622

Ion Ratio Lower Upper

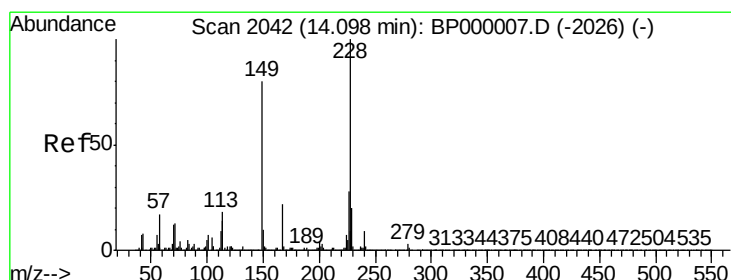
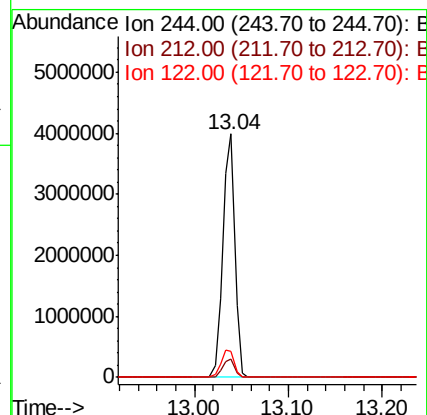
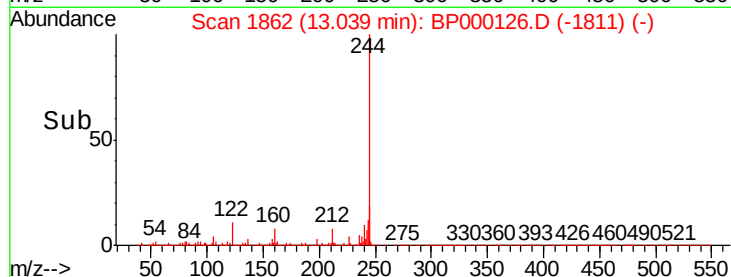
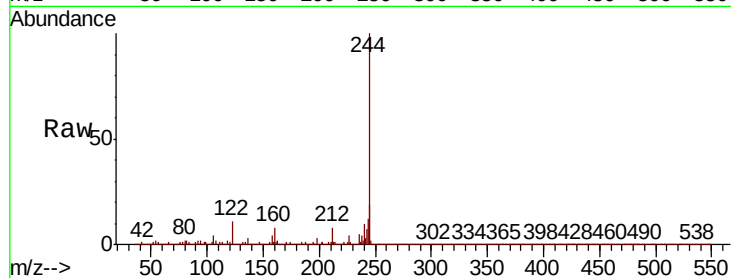
244 100

212 7.8 6.6 10.0

122 10.8 12.3 18.5#

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#81

Benzo(a)anthracene

Concen: 7.312 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BP000126.D

Acq: 09 Sep 2019 06:25

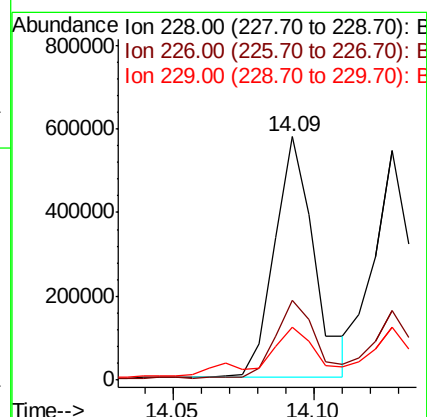
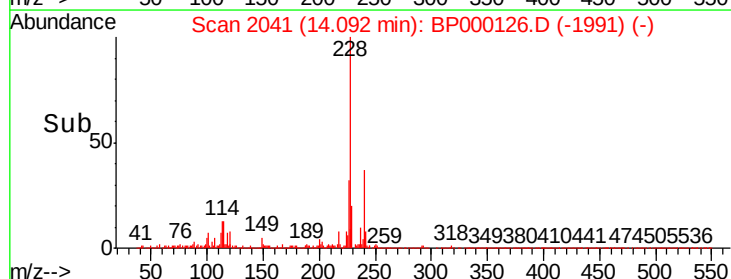
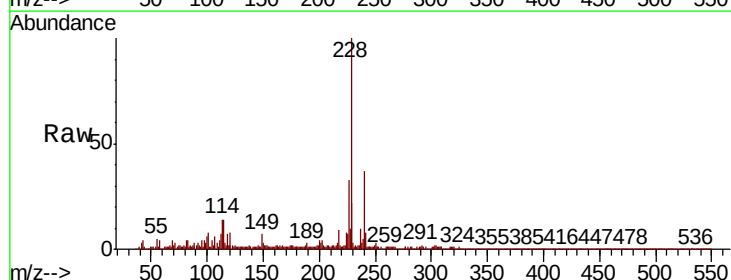
Tgt Ion:228 Resp: 563134

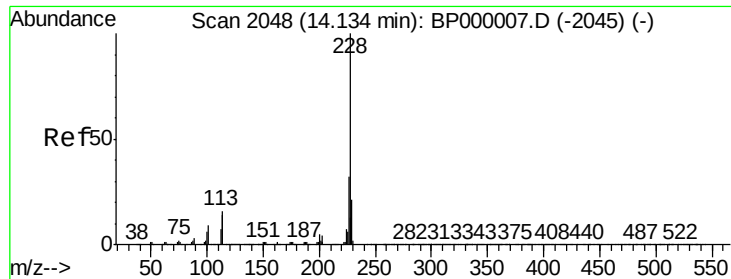
Ion Ratio Lower Upper

228 100

226 33.0 22.5 33.7

229 21.8 16.2 24.2





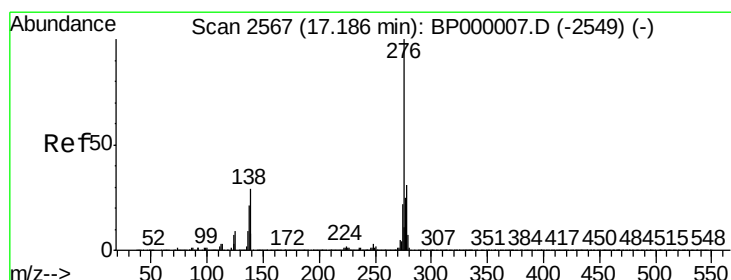
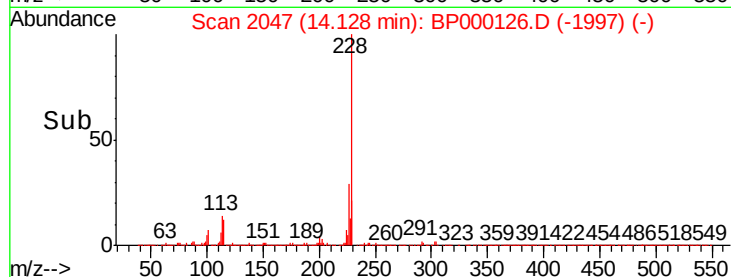
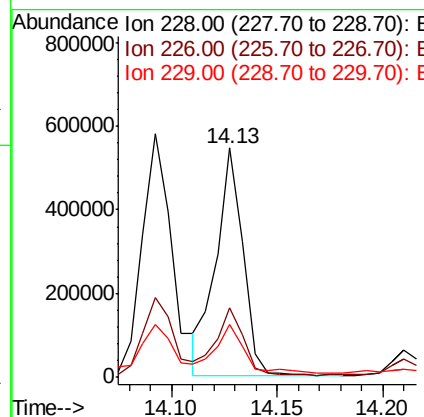
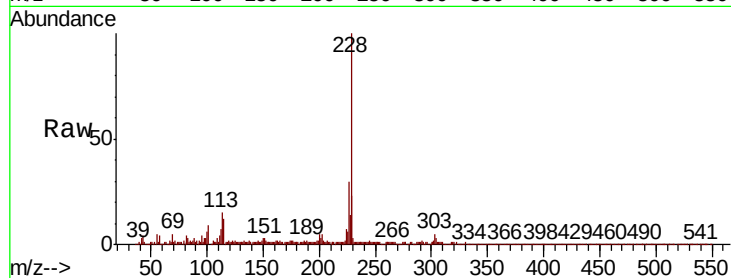
#83
Chrysene
Concen: 6.637 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.5	38.3
229	22.9	16.5	24.7

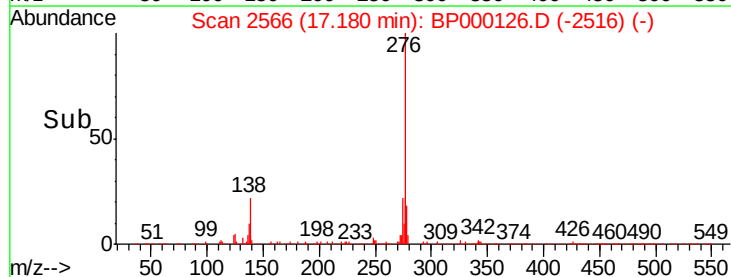
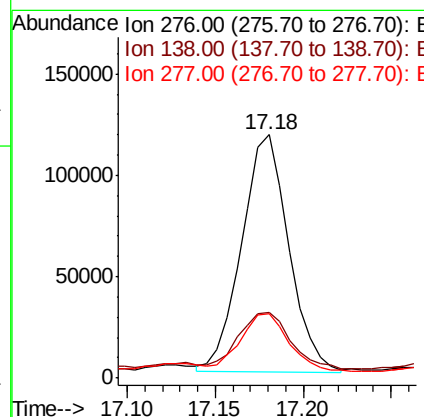
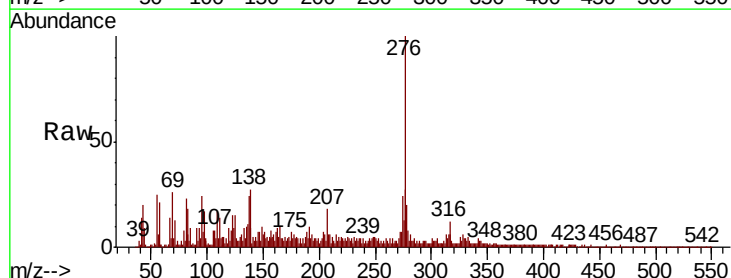
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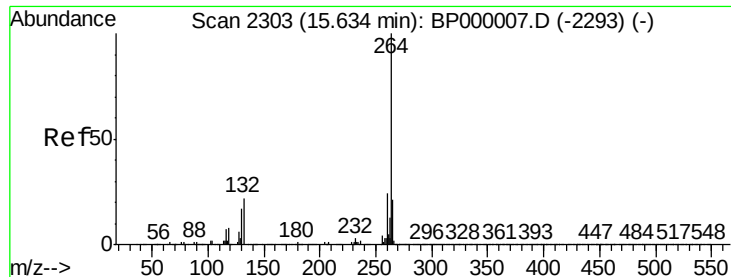
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.361 ng m
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.7	26.5	39.7#
277	4.6	20.3	30.5#





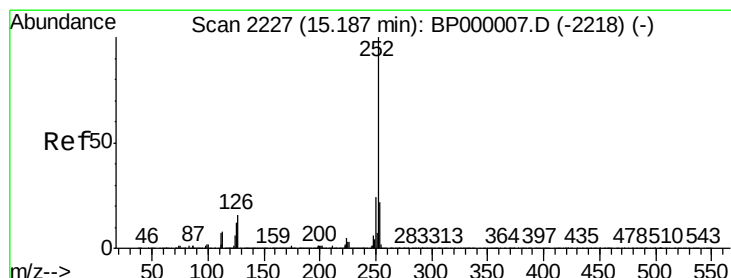
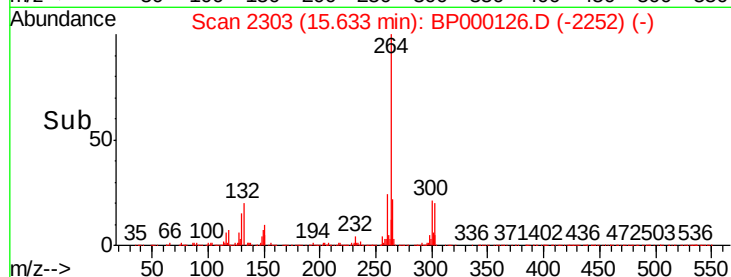
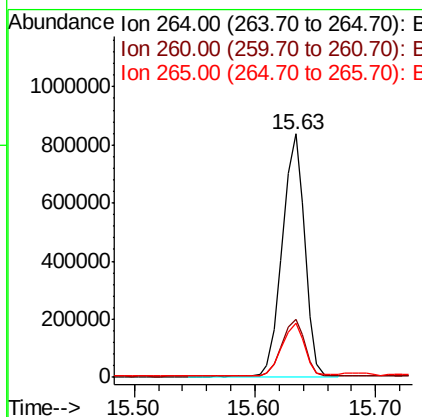
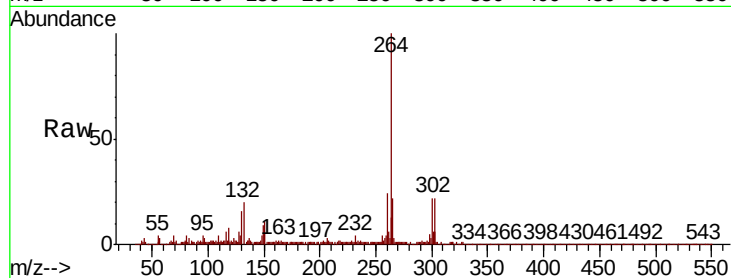
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.0	17.1	25.7

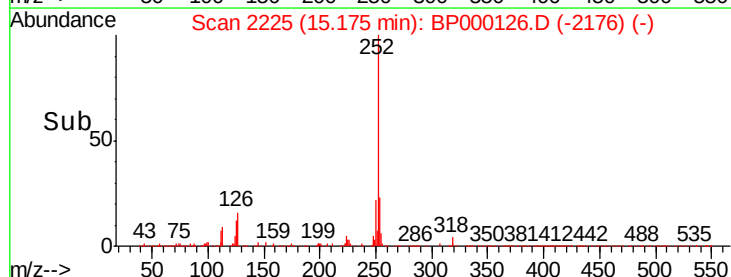
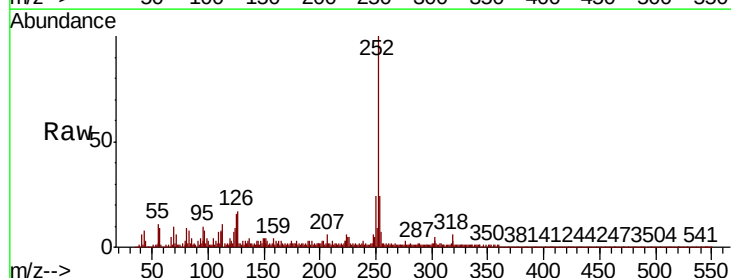
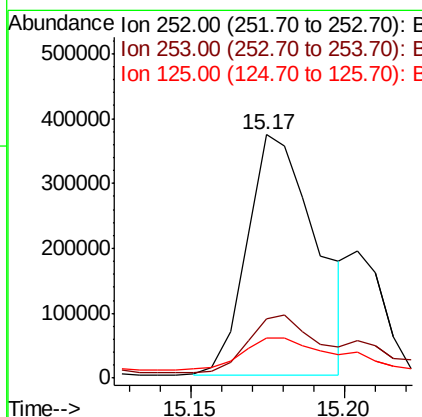
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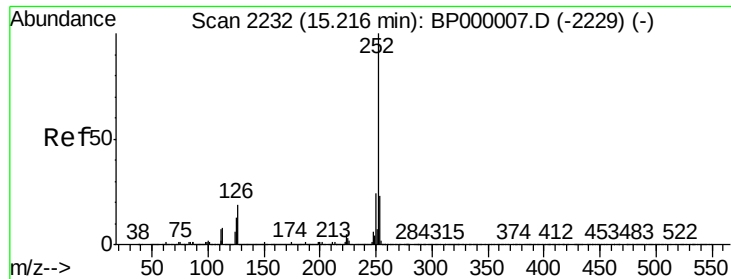
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#88
Benzo(b)fluoranthene
Concen: 9.025 ng m
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	16.3	9.4	14.2#





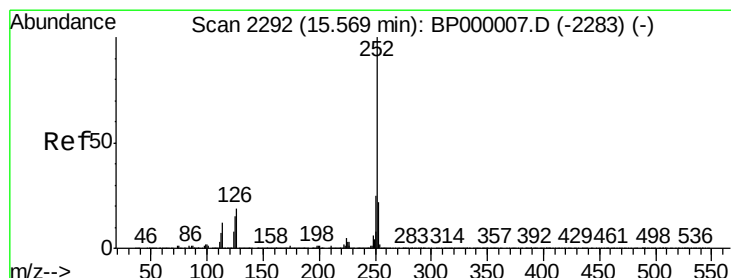
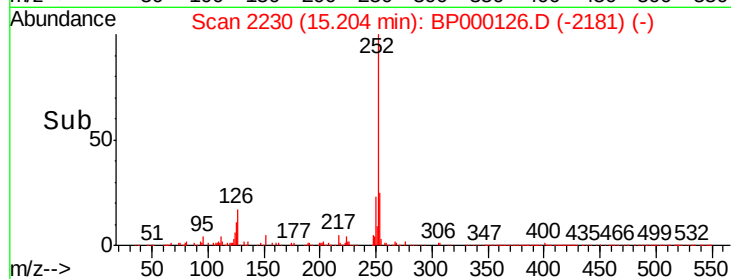
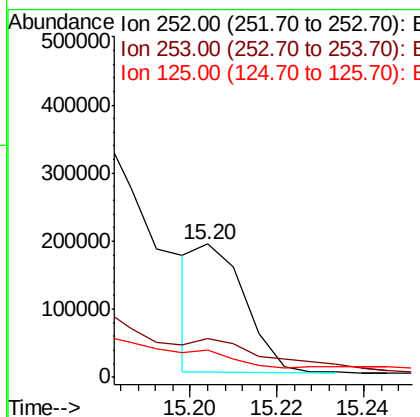
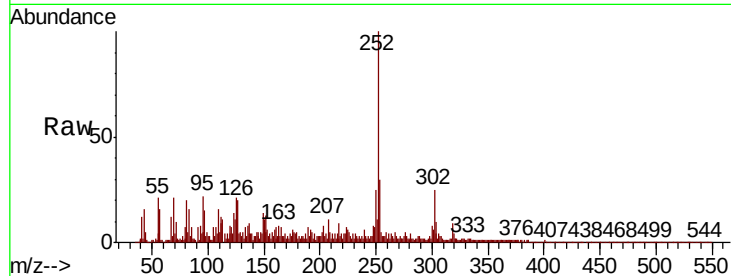
#89
Benzo(k)fluoranthene
Concen: 2.433 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.0	27.0#
125	20.5	10.3	15.5#

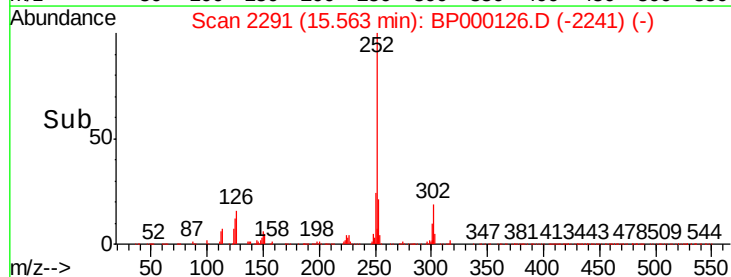
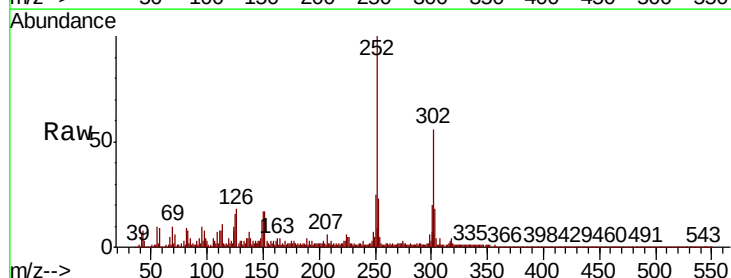
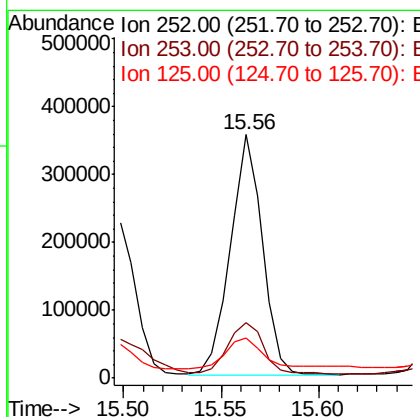
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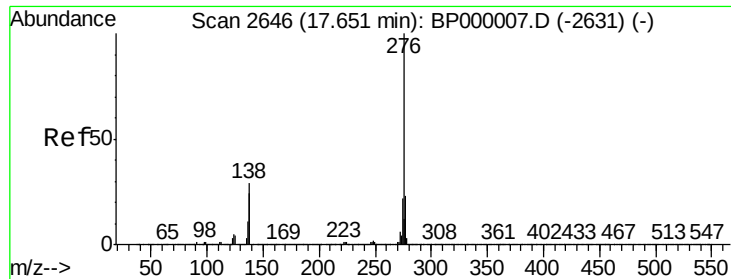
mohammad
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#90
Benzo(a)pyrene
Concen: 6.934 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP000126.D
Acq: 09 Sep 2019 06:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	16.4	11.7	17.5





#92
 Benzo(a,h,i)perylene
 Concen: 3.448 ng
 RT: 17.65 min Scan# 2645
 Delta R.T. -0.01 min
 Lab File: BP000126.D
 Acq: 09 Sep 2019 06:25

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-045-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.3	18.6	28.0#
138	29.0	23.0	34.4

Manual Integrations
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mohammad
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