

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000362.D
 Acq On : 20 Sep 2019 18:25
 Operator : HP/JU
 Sample : K4972-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-046-A

Manual Integrations
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mohammad
 9/24/2019 8:34:07 AM

Quant Time: Sep 21 00:03:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206646	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	762078	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	405587	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	712373	20.00	ng	0.00
76) Chrysene-d12	13.99	240	618133	20.00	ng	0.00
87) Perylene-d12	15.47	264	702369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1034640	86.44	ng	0.00
7) Phenol-d6	6.43	99	1325097	90.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	749132	63.42	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	397294	98.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1592580	70.67	ng	0.00
79) Terphenyl-d14	12.93	244	1672858	56.77	ng	0.00
Target Compounds						
10) Phenol	6.44	94	65084	3.904	ng	98
50) Dimethylphthalate	9.54	163	277360	10.037	ng	99
58) Fluorene	10.38	166	68694	2.818	ng	99
71) Phenanthrene	11.35	178	726625	20.354	ng	98
72) Anthracene	11.40	178	211371	5.752	ng	99
75) Fluoranthene	12.55	202	1232236	32.146	ng	96
78) Pyrene	12.78	202	1102872	23.848	ng	99
81) Benzo(a)anthracene	13.98	228	626842	16.054	ng	96
83) Chrysene	14.02	228	536749	14.001	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	300176	6.424	ng	# 91
88) Benzo(b)fluoranthene	15.05	252	788102m	18.809	ng	
89) Benzo(k)fluoranthene	15.07	252	212772m	5.821	ng	
90) Benzo(a)pyrene	15.41	252	523782	13.738	ng	97
91) Dibenzo(a,h)anthracene	16.97	278	79901	2.248	ng	# 88
92) Benzo(a,h,i)perylene	17.40	276	269096	7.365	ng	95

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

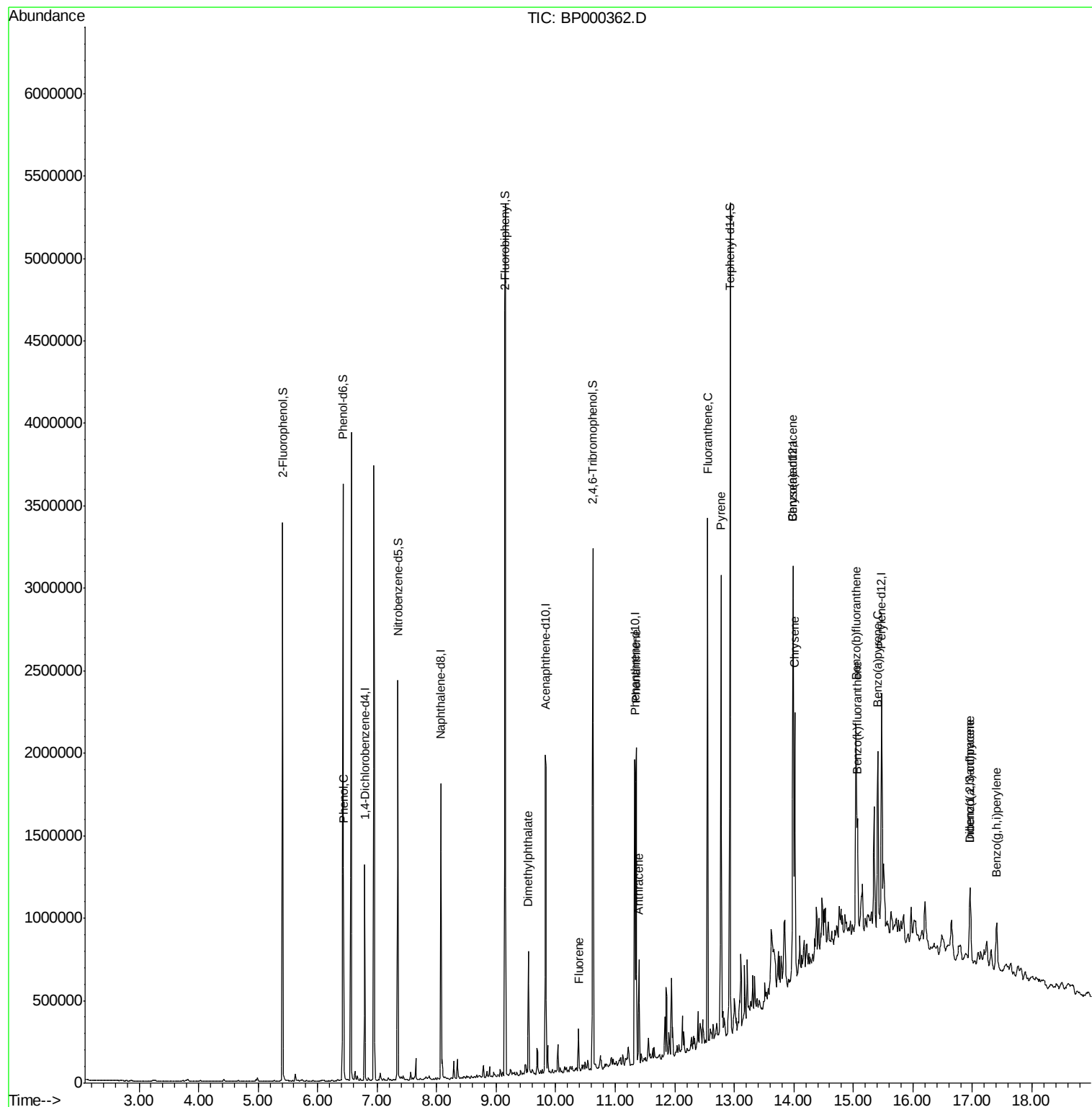
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000362.D
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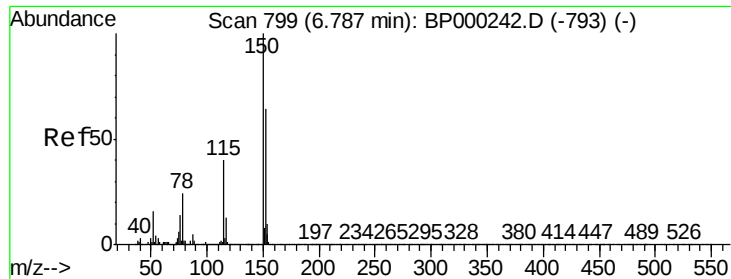
Instrument :
BNA_P
ClientSampled :
FK-GF-02-046-A

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#1

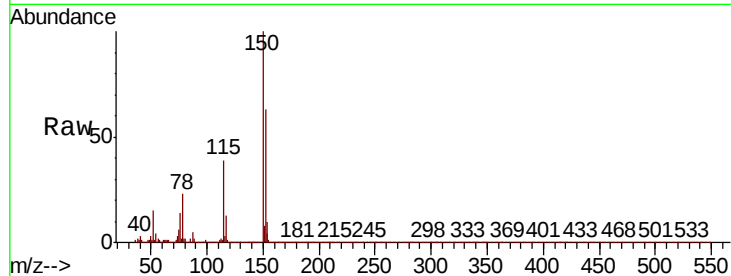
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.2	187.8
115	61.6	49.7	74.5

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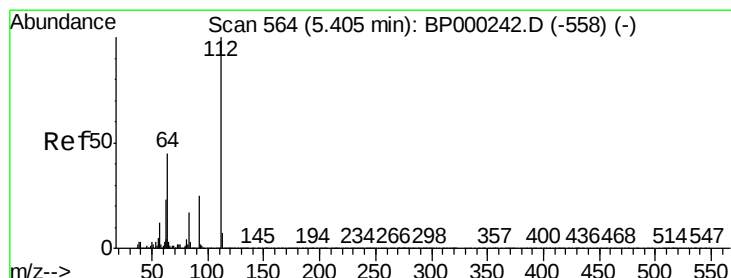
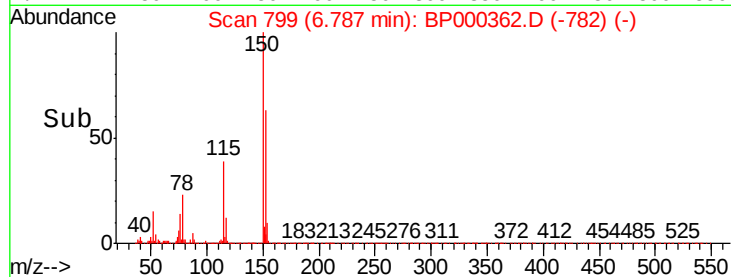
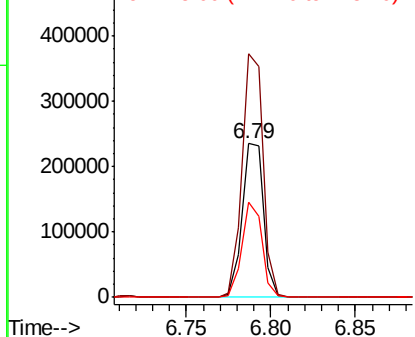


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

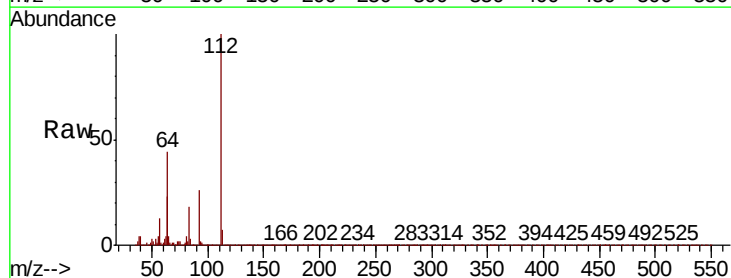
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.435 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.4	18.3	27.5

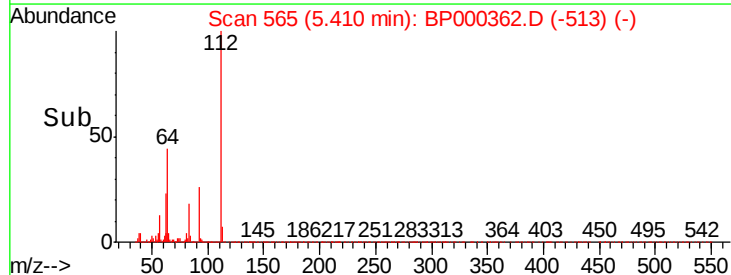
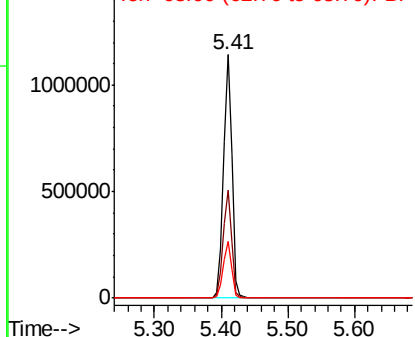


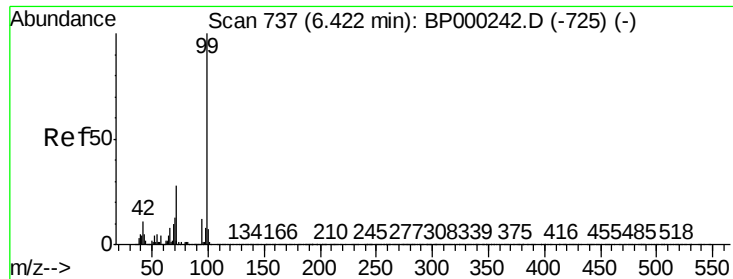
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 90.310 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000362.D

Acq: 20 Sep 2019 18:25

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-046-A

Tot Ion: 99 Resp: 1325097

Ion Ratio Lower Upper

99 100

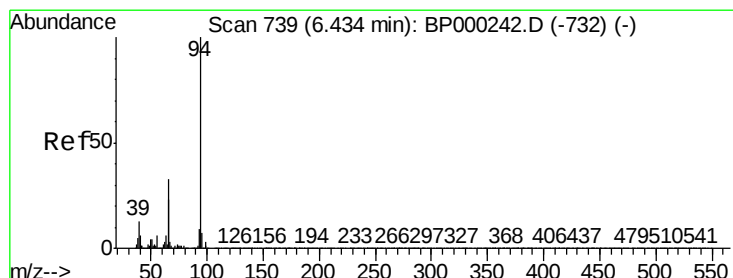
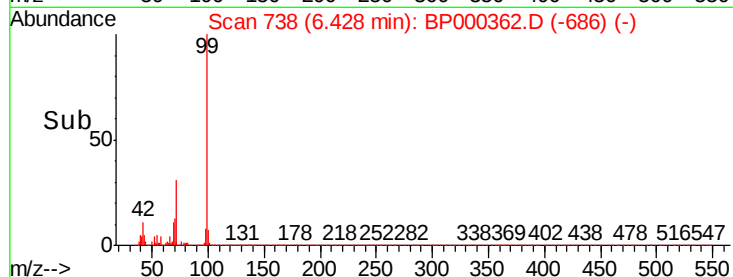
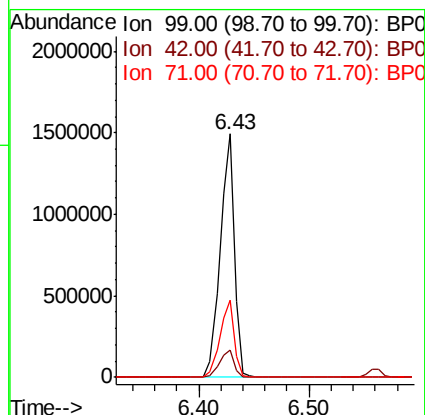
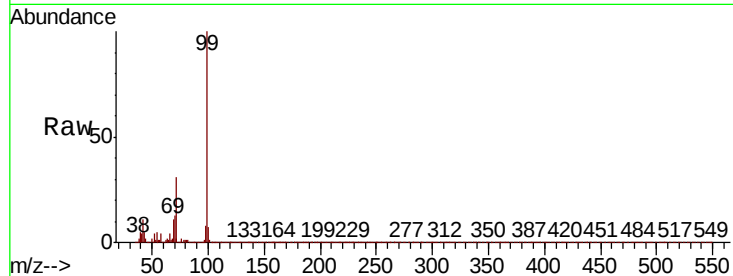
42 11.3 8.5 12.7

71 31.5 22.6 34.0

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#10

Phenol

Concen: 3.904 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000362.D

Acq: 20 Sep 2019 18:25

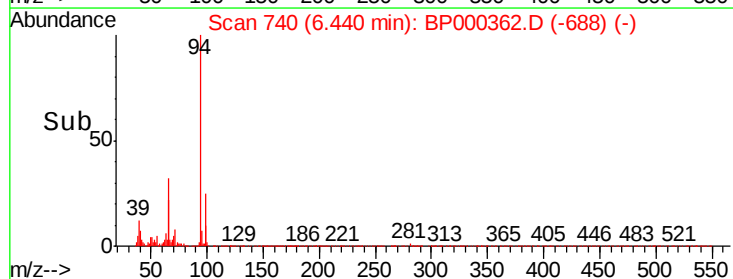
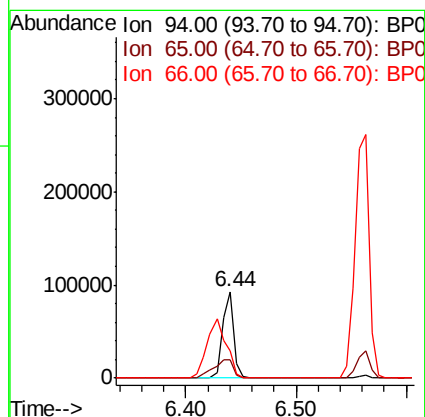
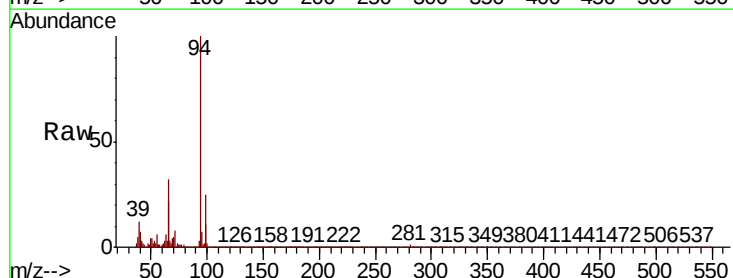
Tgt Ion: 94 Resp: 65084

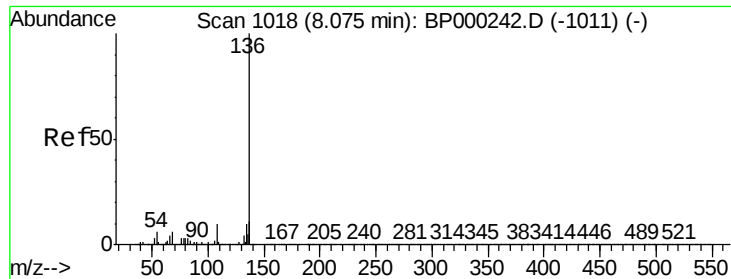
Ion Ratio Lower Upper

94 100

65 21.8 3.3 43.3

66 31.6 12.7 52.7





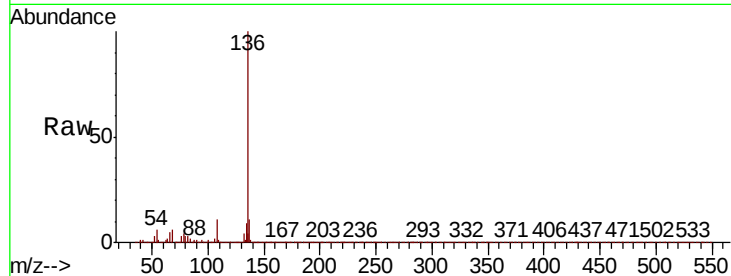
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

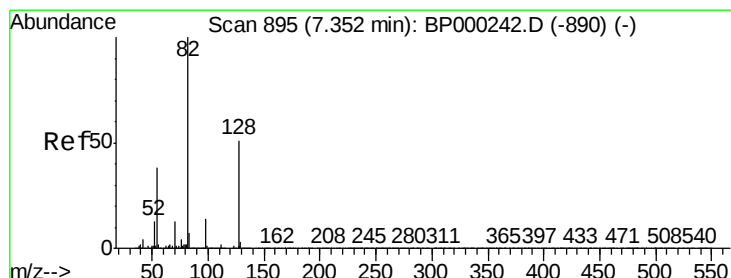
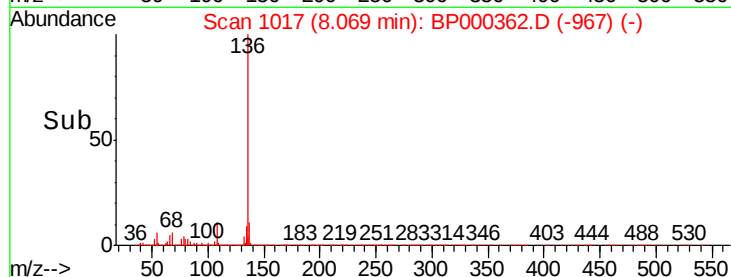
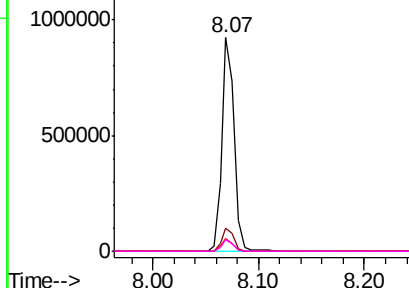
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	4.5	6.7
68	5.5	4.5	6.7

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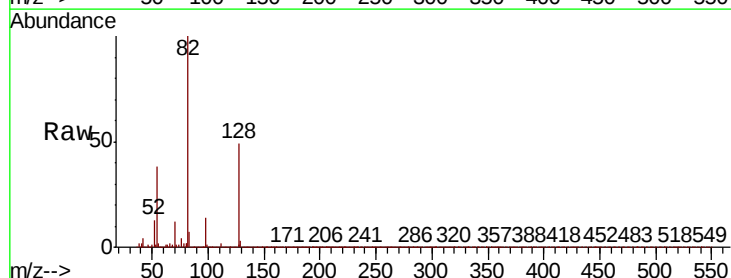


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

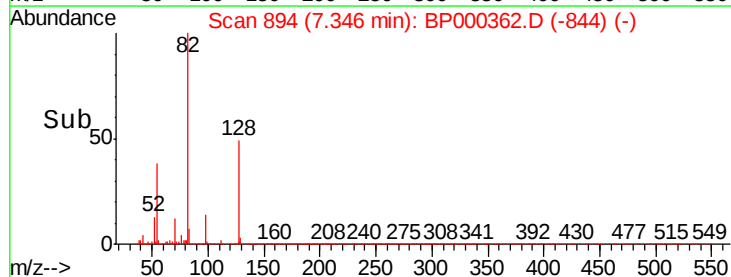
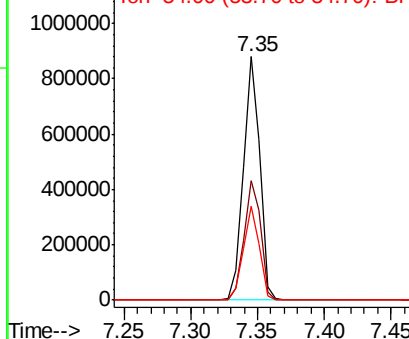


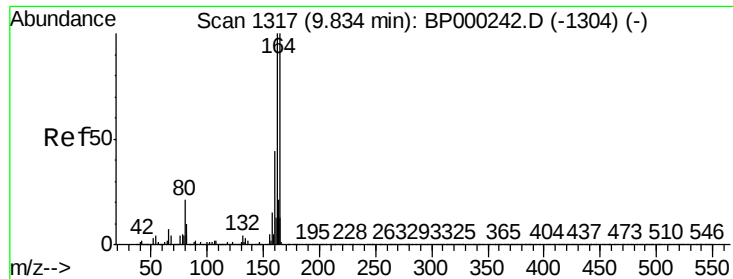
#23
Nitrobenzene-d5
Concen: 63.423 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.9	40.7	61.1
54	38.4	30.1	45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





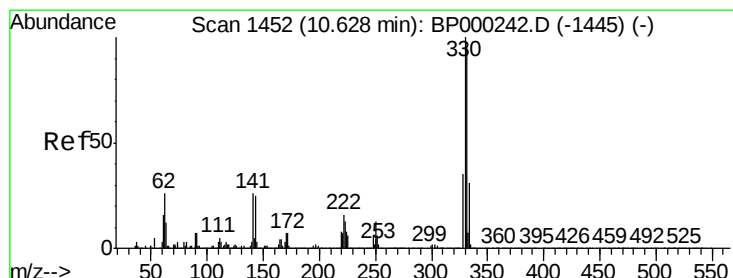
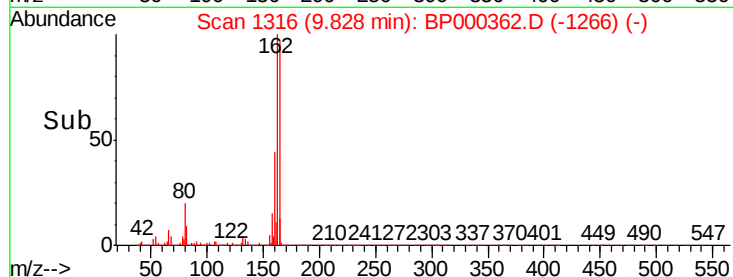
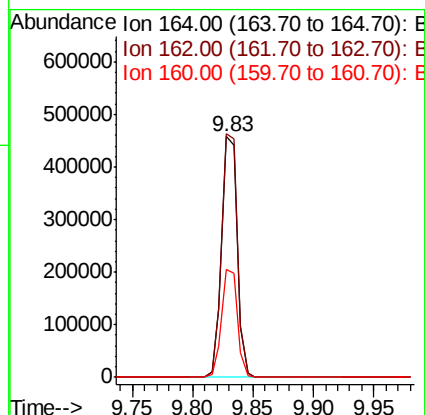
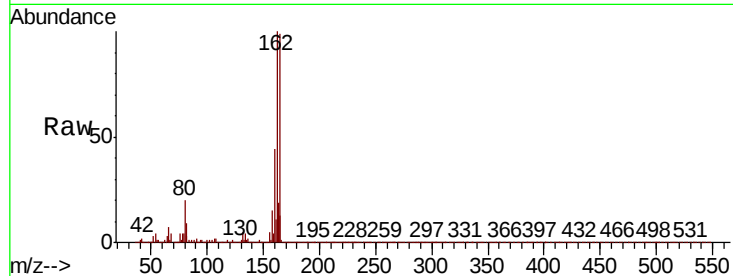
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	79.9	119.9	
160	45.0	35.6	53.4	

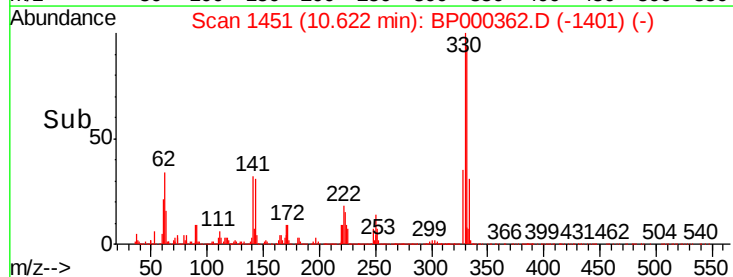
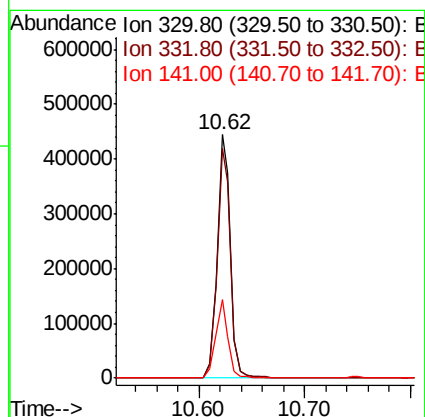
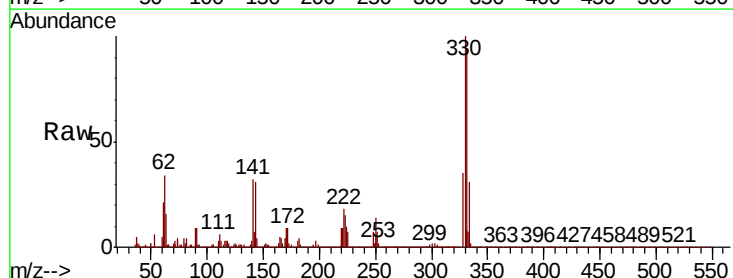
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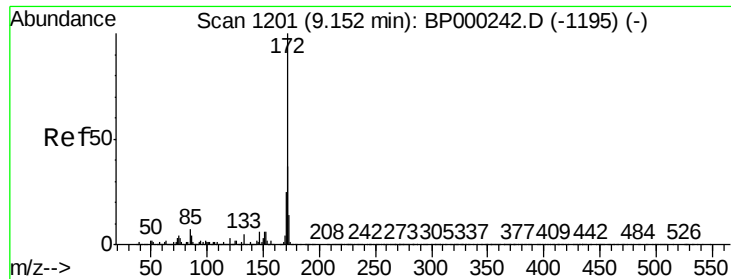
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#42
2,4,6-Tribromophenol
Concen: 98.759 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	29.9	26.5	39.7	





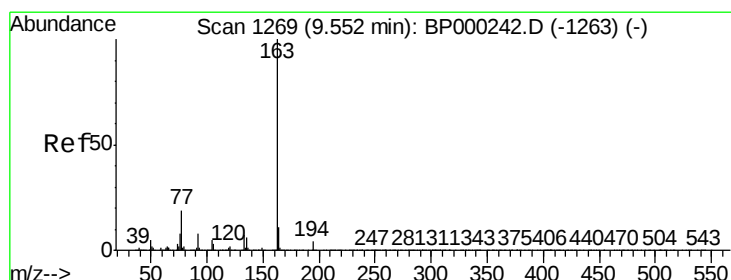
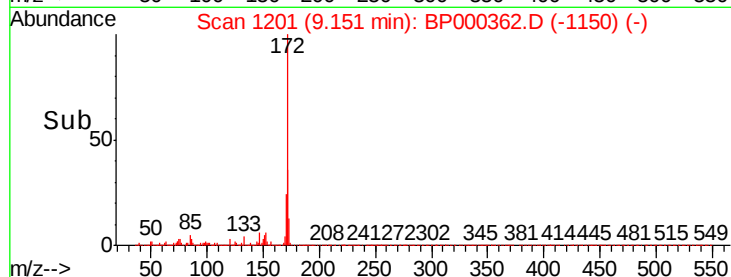
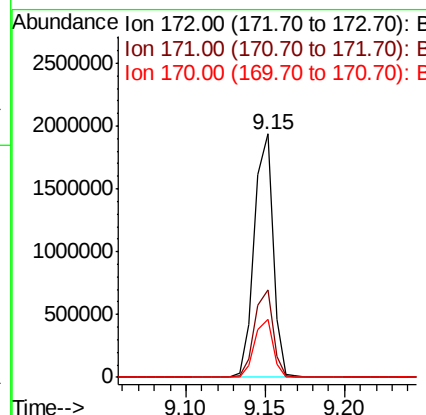
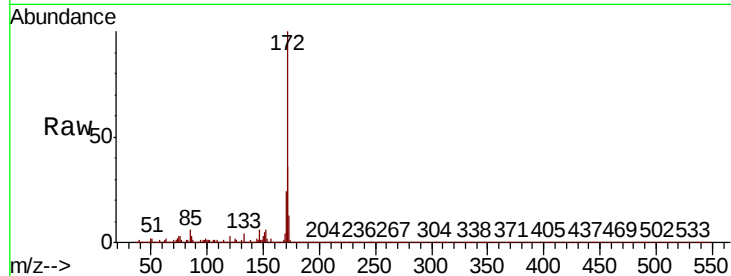
#45
2-Fluorobiphenyl
Concen: 70.671 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	23.7	19.8	29.6

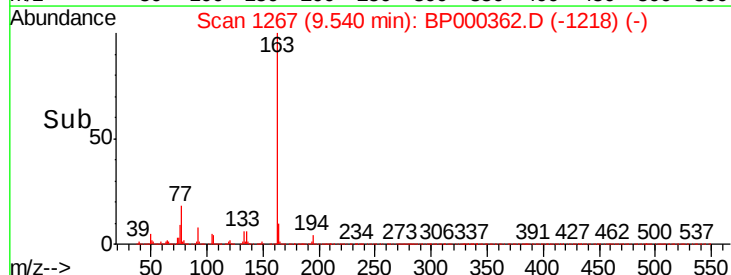
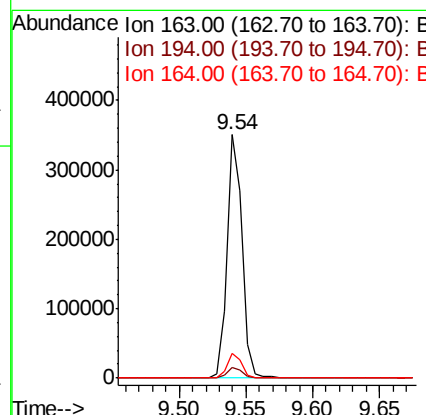
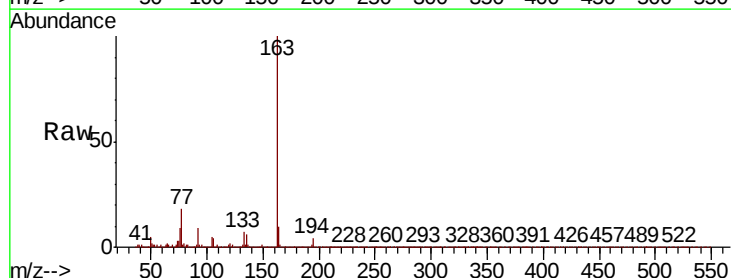
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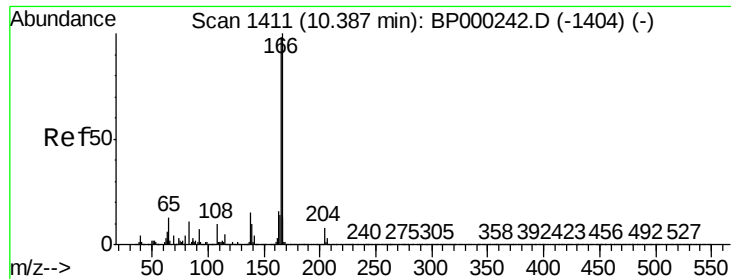
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#50
Dimethylphthalate
Concen: 10.037 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.5	12.7





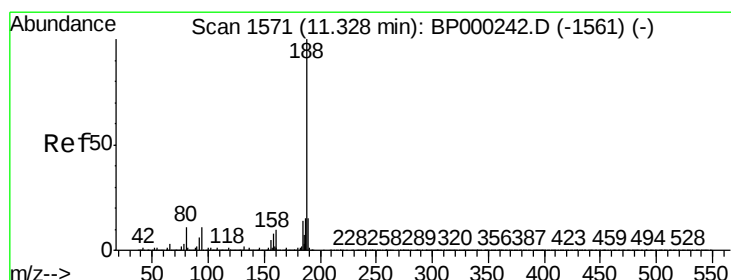
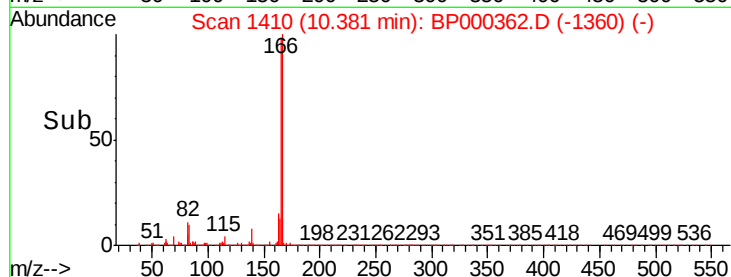
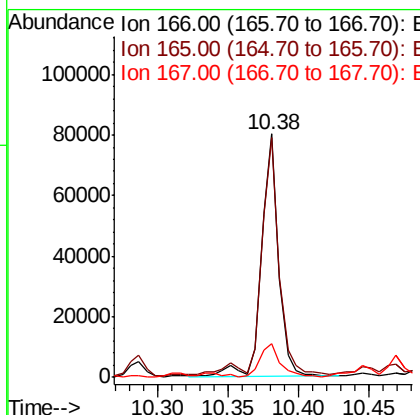
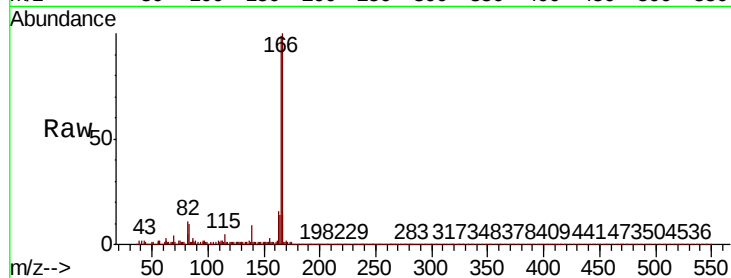
#58
Fluorene
 Concen: 2.818 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BP000362.D
 Acq: 20 Sep 2019 18:25

Instrument :
 BNA_P
 ClientSampled :
 FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.2
167	13.7	10.7	16.1

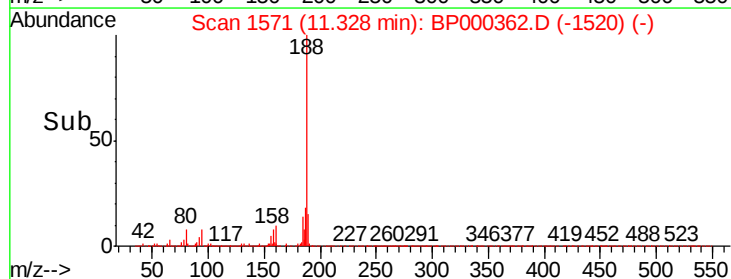
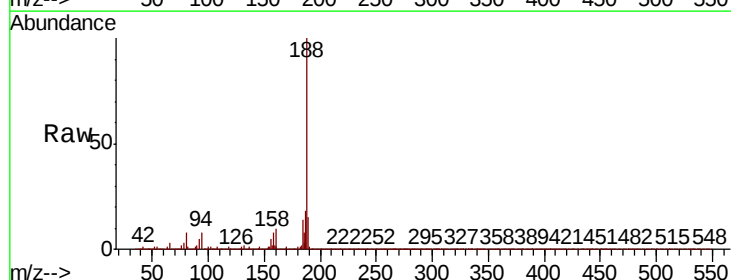
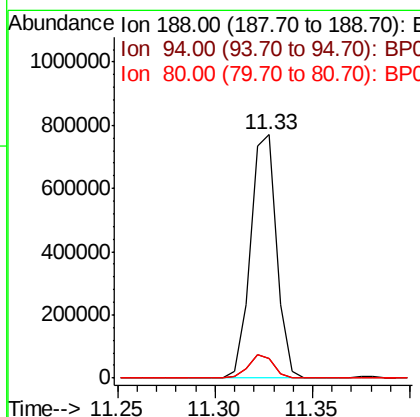
Manual Integrations
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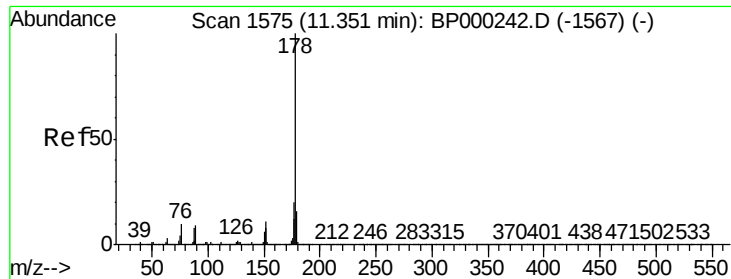
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BP000362.D
 Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.1	8.6	13.0#





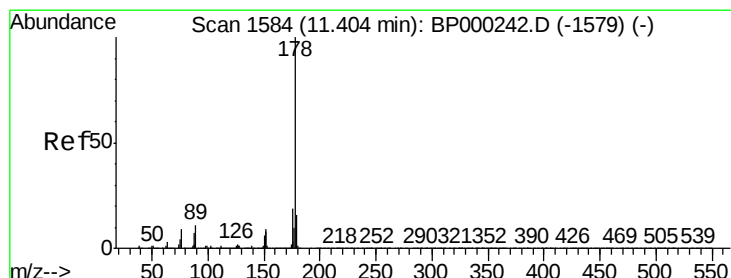
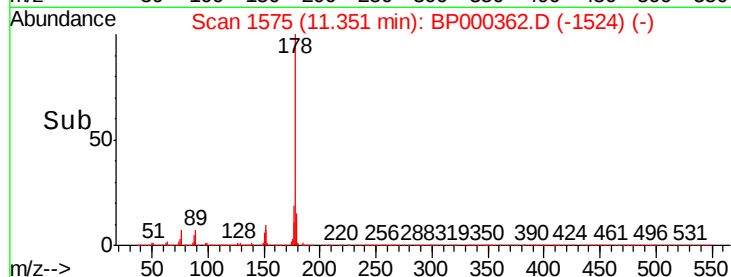
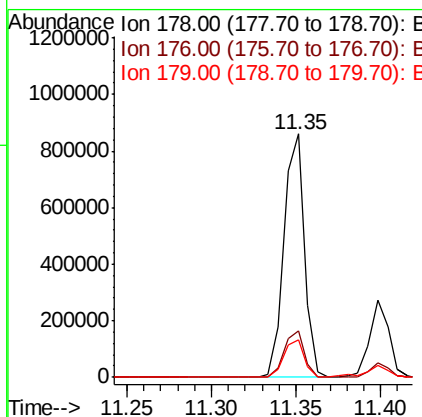
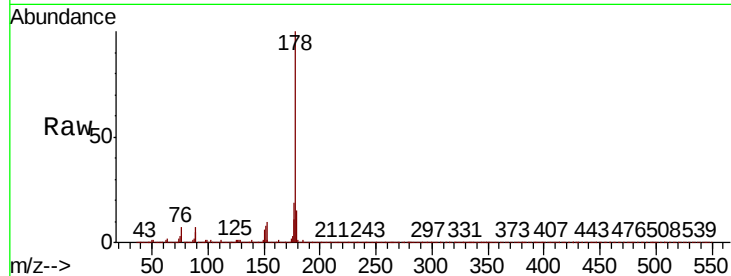
#71
Phenanthrene
Concen: 20.354 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	12.7	19.1

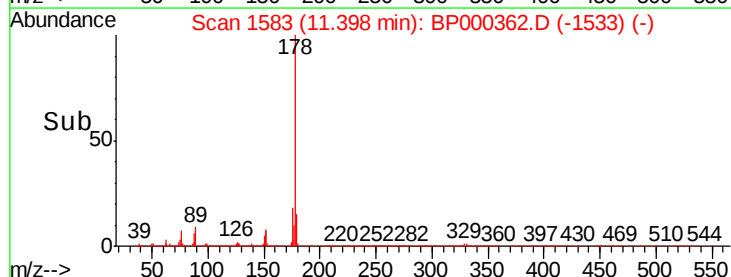
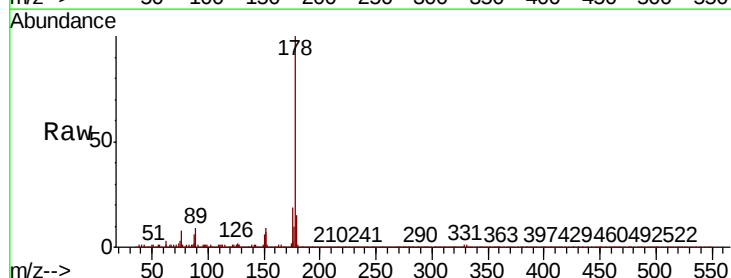
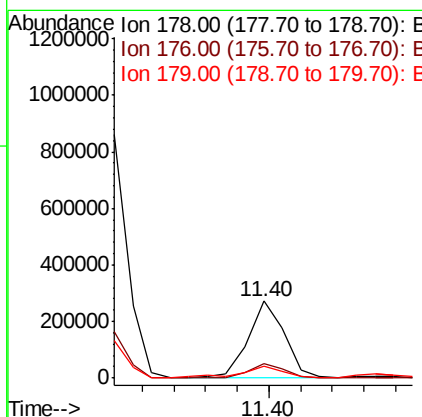
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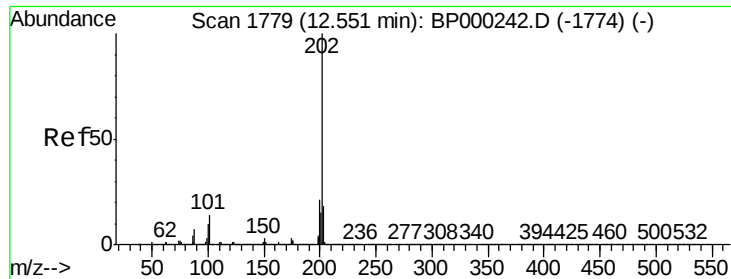
mohammad
9/24/2019 8:34:07 AM



#72
Anthracene
Concen: 5.752 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.4	12.7	19.1





#75

Fluoranthene

Concen: 32.146 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000362.D

Acq: 20 Sep 2019 18:25

Instrument :

BNA_P

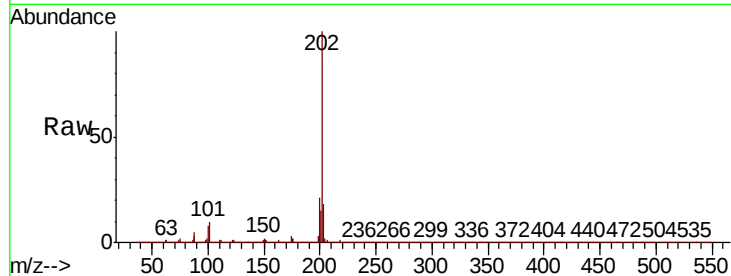
ClientSampleId :

FK-GF-02-046-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1232236		
101	10.2	0.0	33.9	
203	17.7	0.0	38.0	

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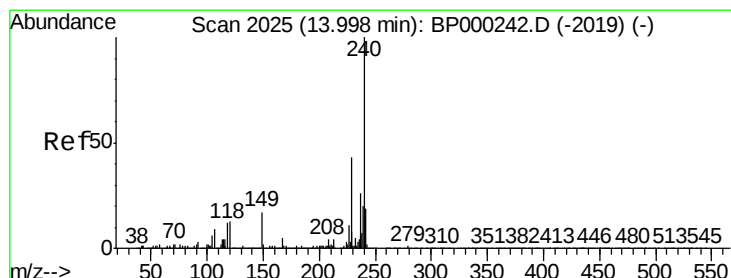
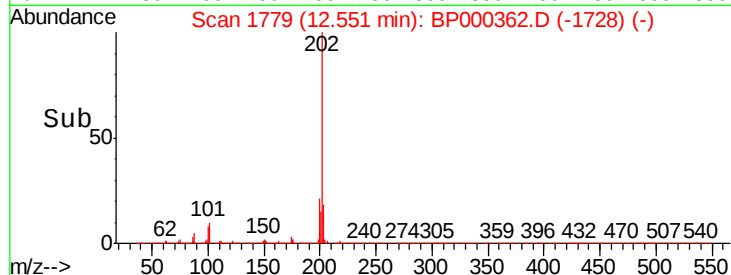
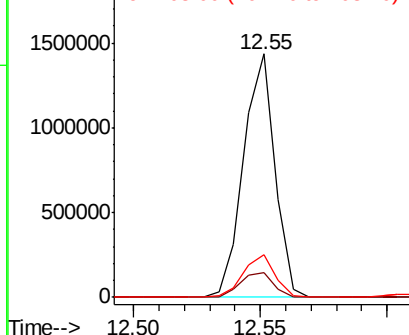


Abundance

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

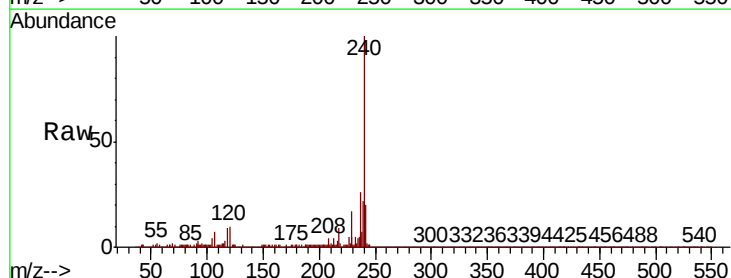
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000362.D

Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	618133		
120	10.5	10.4	15.6	
236	26.1	21.0	31.6	

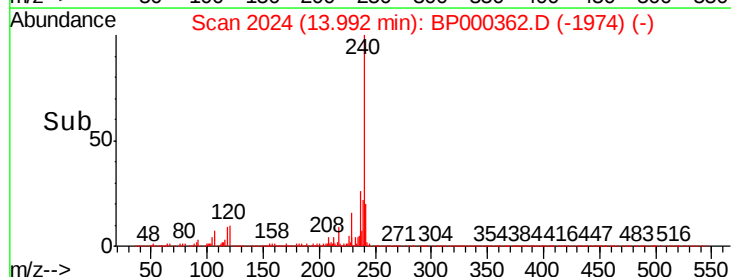
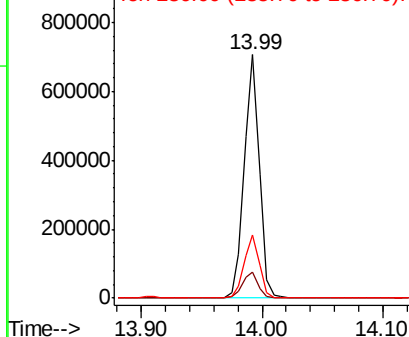


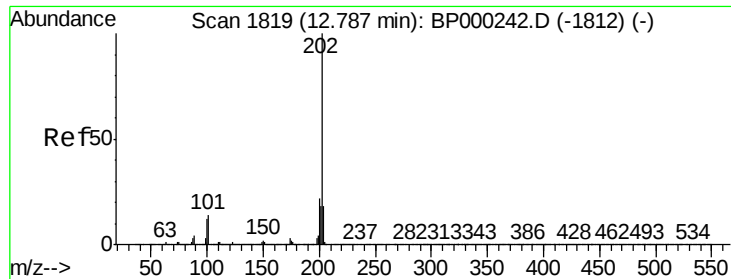
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





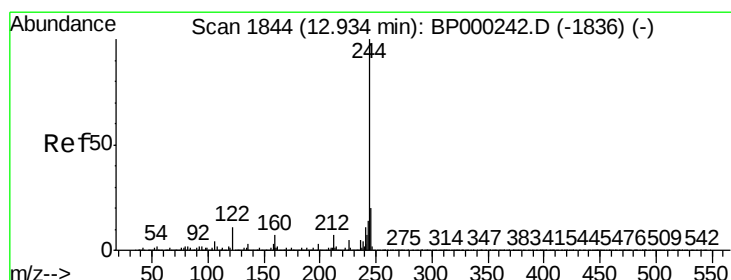
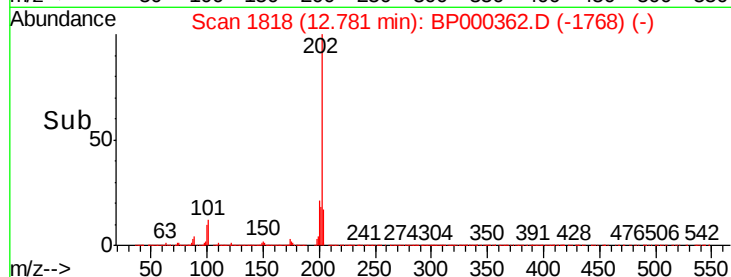
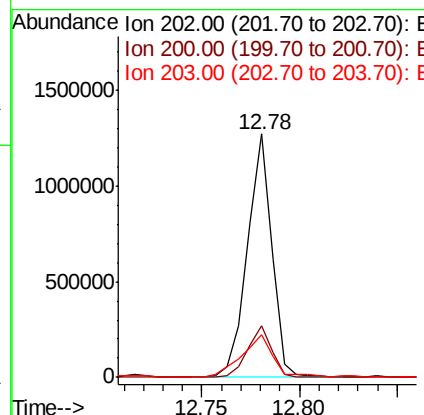
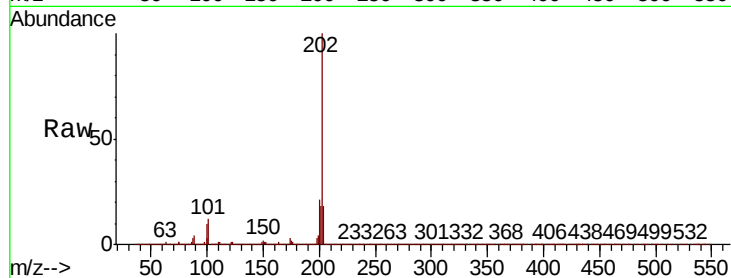
#78
Pvrene
Concen: 23.848 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.7	14.3	21.5

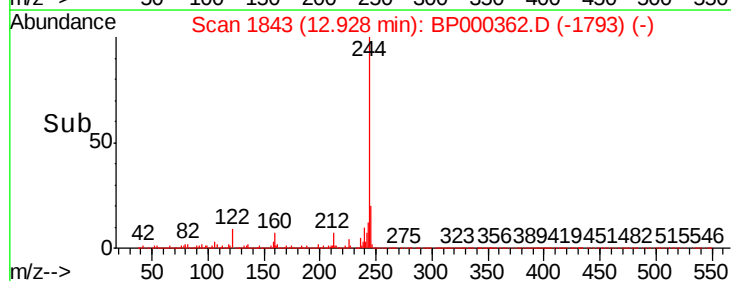
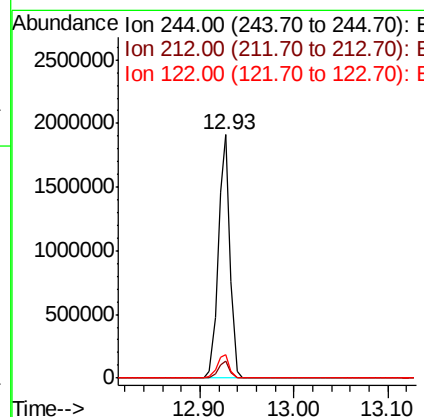
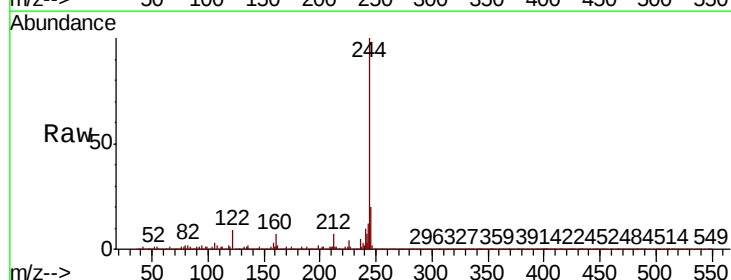
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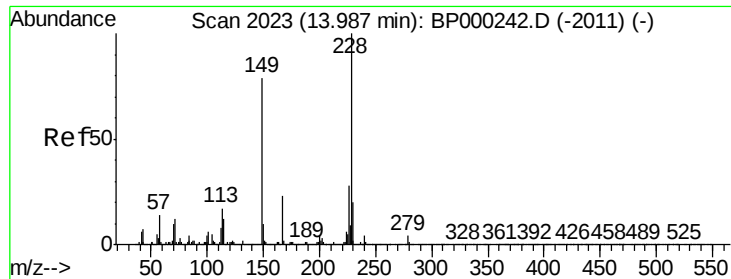
mohammad
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#79
Terphenyl-d14
Concen: 56.774 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.5	9.0	13.4





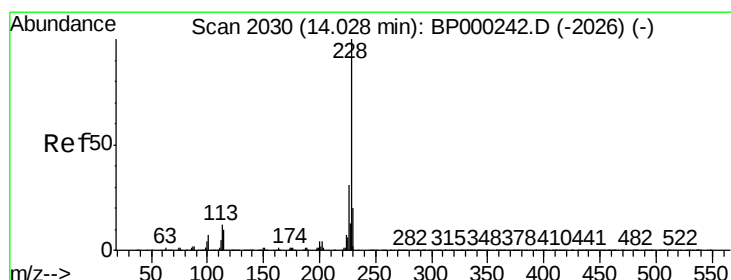
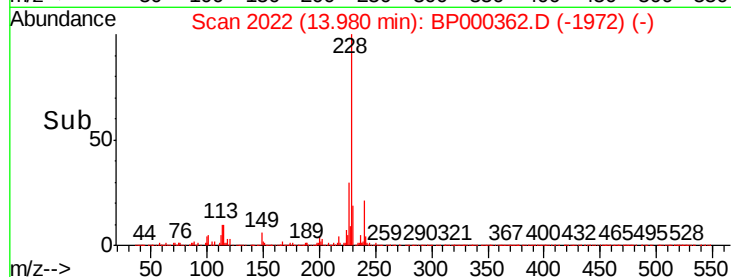
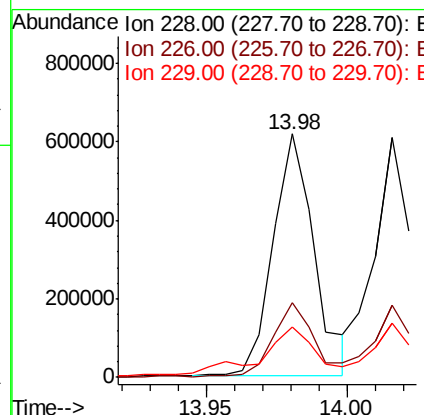
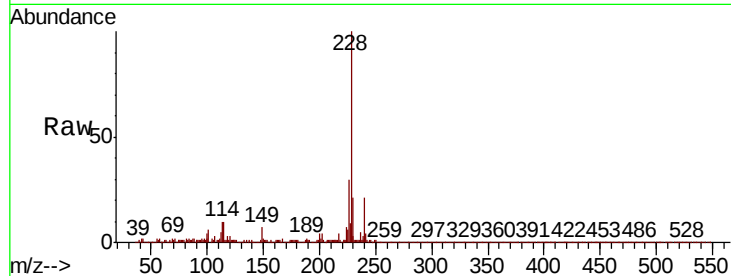
#81
Benzo(a)anthracene
Concen: 16.054 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.4
229	20.8	16.0	24.0

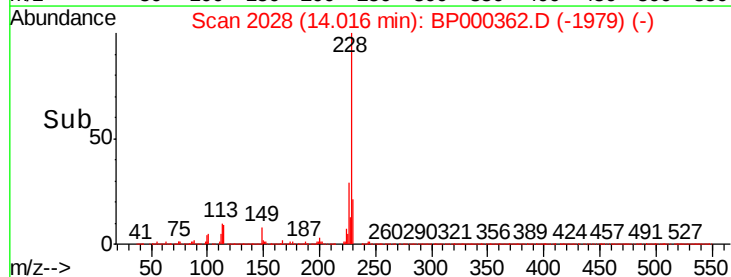
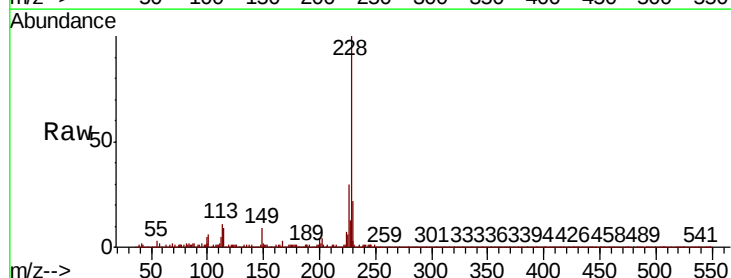
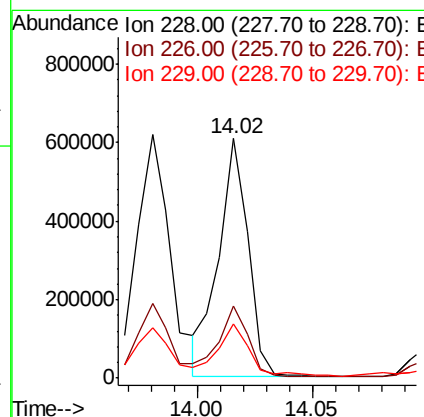
Manual Integrations
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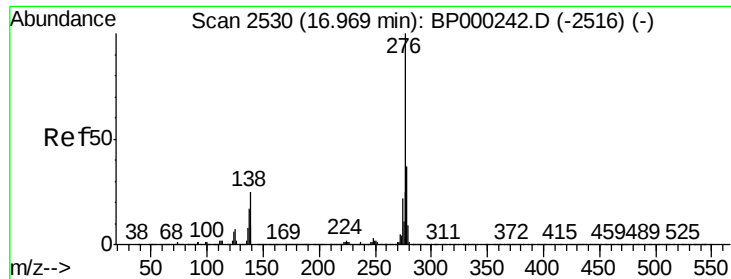
mohammad
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#83
Chrysene
Concen: 14.001 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.4	16.2	24.2





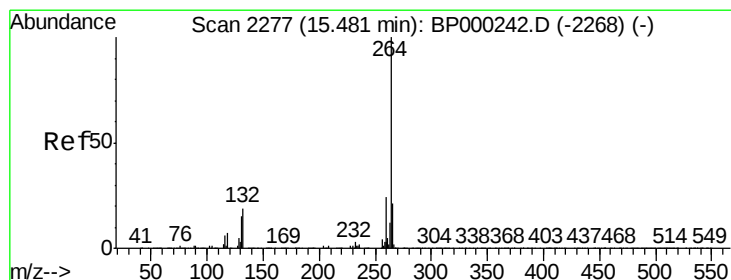
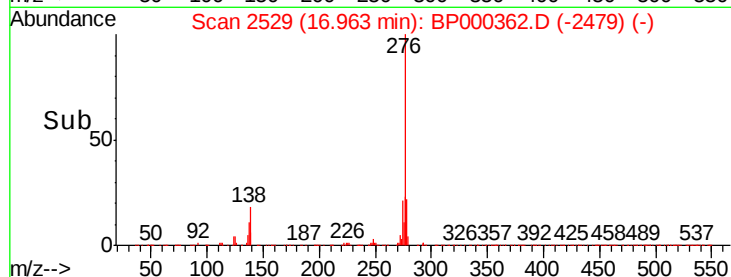
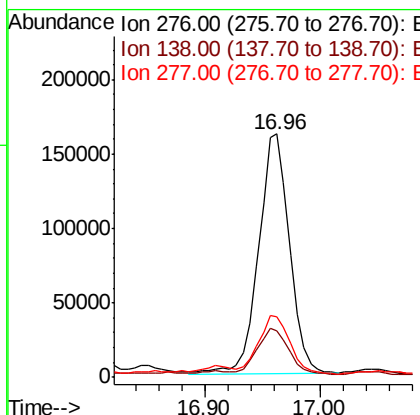
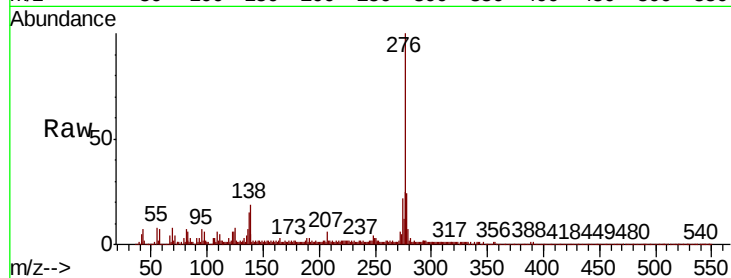
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.424 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Resp	Lower	Upper
276	100	300176		
138	19.9	22.6	33.8#	
277	24.4	20.4	30.6	

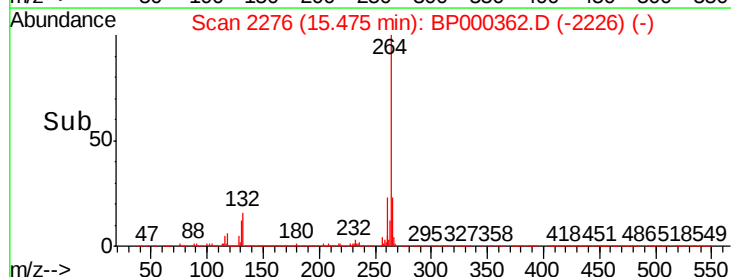
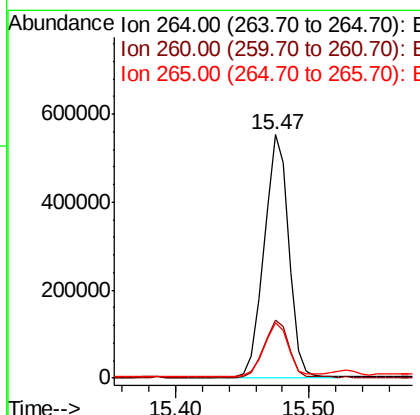
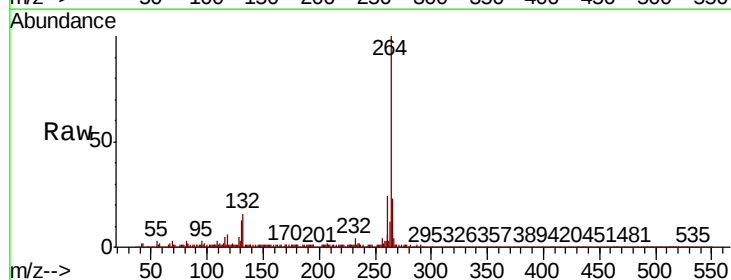
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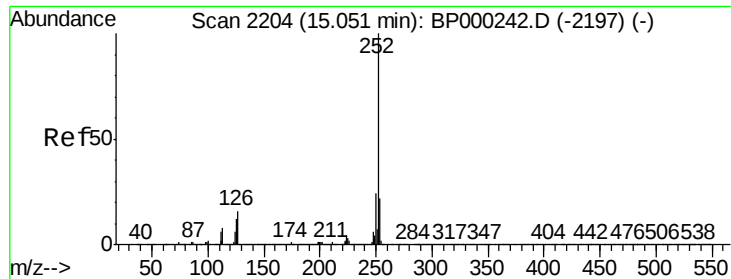
mohammad
9/24/2019 8:34:07 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	702369		
260	23.8	18.9	28.3	
265	22.9	17.2	25.8	





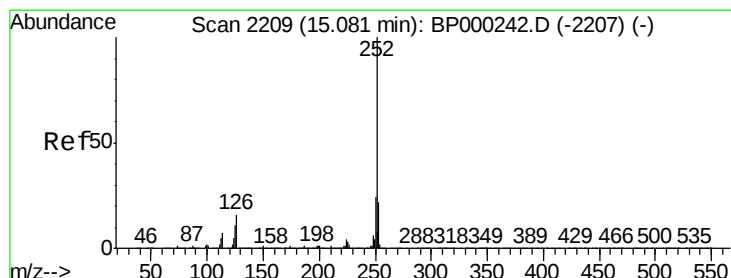
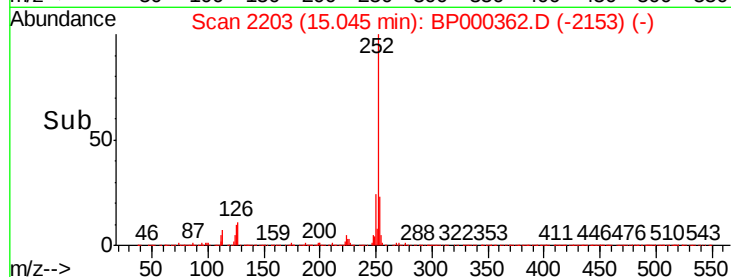
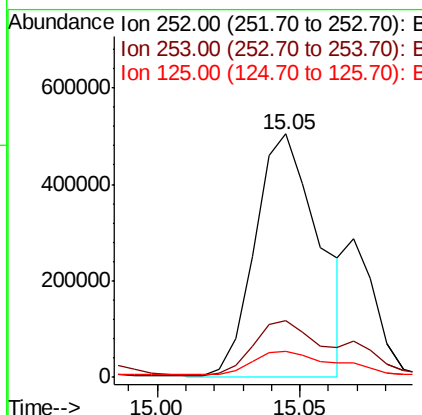
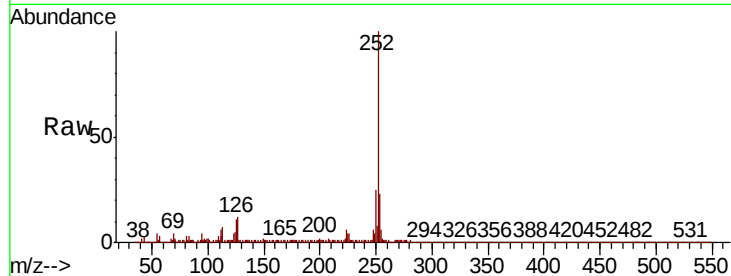
#88
Benzo(b)fluoranthene
Concen: 18.809 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.9	9.5	14.3

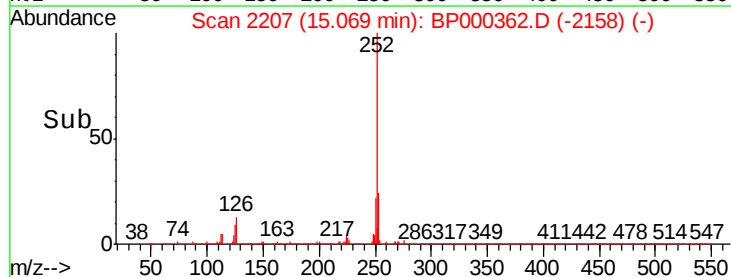
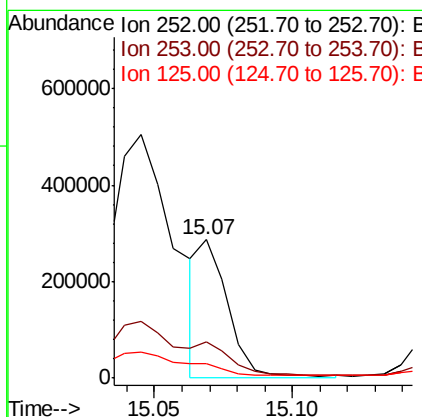
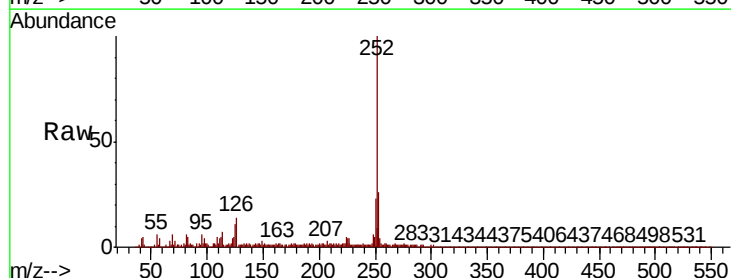
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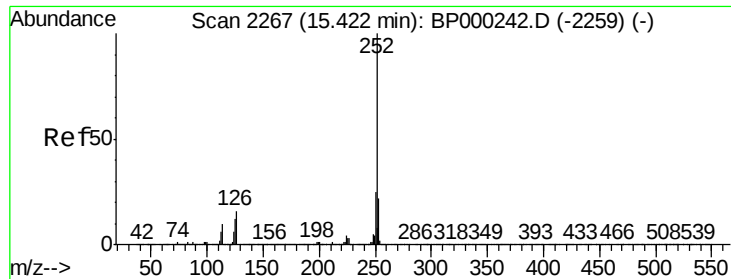
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.821 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	10.6	9.6	14.4





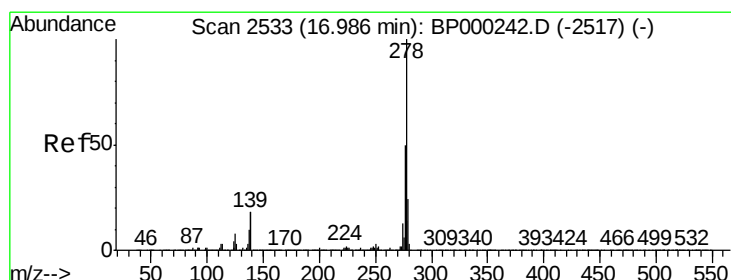
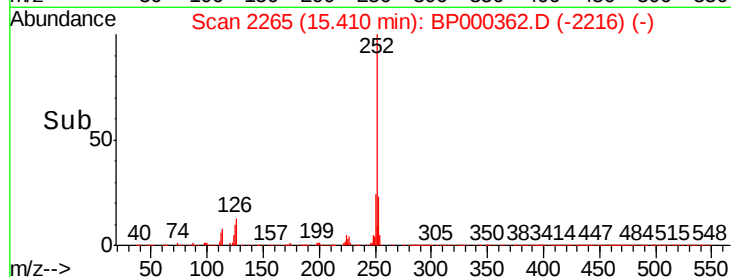
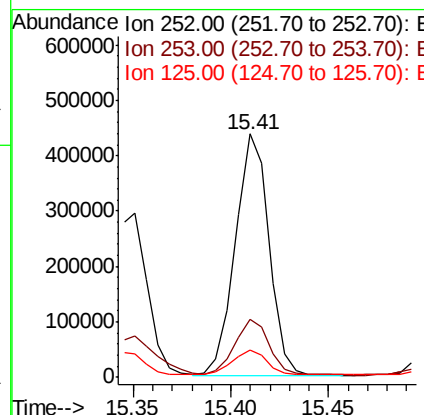
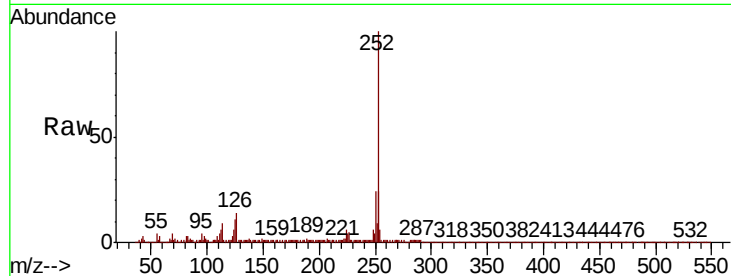
#90
Benzo(a)pyrene
Concen: 13.738 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	11.4	10.0	15.0

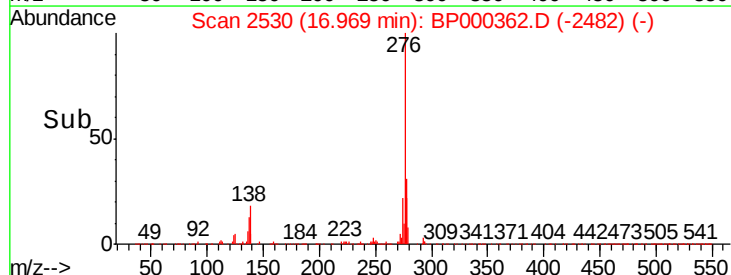
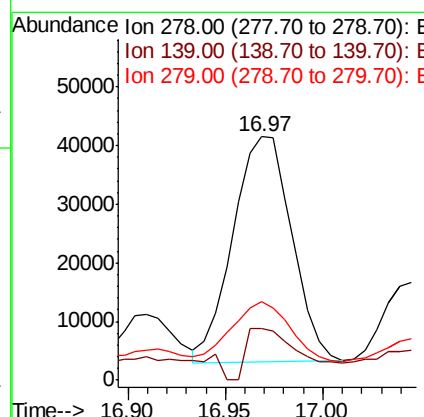
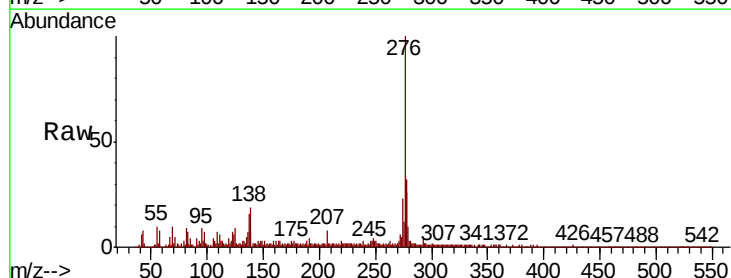
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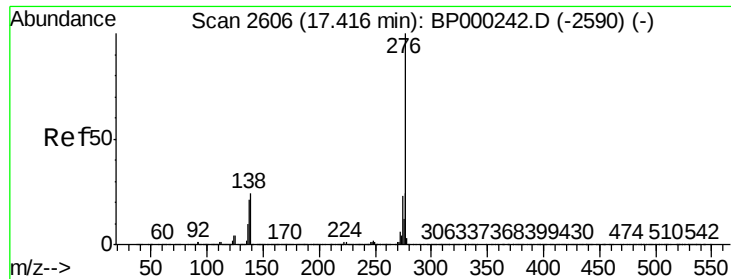
mohammad
9/24/2019 8:34:07 AM



#91
Dibenzo(a,h)anthracene
Concen: 2.248 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BP000362.D
Acq: 20 Sep 2019 18:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.5	21.7
279	32.0	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 7.365 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BP000362.D
 Acq: 20 Sep 2019 18:25

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-046-A

Tot Ion:	276	Resp:	269096
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.1	28.7
138	21.3	19.5	29.3

Manual Integrations
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