

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002662.D
 Acq On : 07 Jul 2020 17:31
 Operator : CG/JU
 Sample : L3205-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12013

Manual Integrations
 APPROVED

mohammad
 7/8/2020 10:36:02 AM

Quant Time: Jul 08 10:45:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	224853	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	859403	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	508465	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	705769	20.00	ng	0.00
76) Chrysene-d12	21.09	240	795836	20.00	ng	0.00
86) Perylene-d12	23.29	264	1150625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1554452	117.05	ng	0.00
7) Phenol-d6	6.76	99	2099129	113.25	ng	0.00
23) Nitrobenzene-d5	8.72	82	1405641	84.27	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	804956	130.16	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3135831	90.77	ng	0.00
79) Terphenyl-d14	19.57	244	2223183	60.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	341182	8.543	ng	100
71) Phenanthrene	17.02	178	234523	6.176	ng	# 77
75) Fluoranthene	19.02	202	314677	6.846	ng	87
78) Pyrene	19.37	202	299587	5.530	ng	# 91
81) Benzo(a)anthracene	21.07	228	244542	4.700	ng	# 94
83) Chrysene	21.13	228	256526	5.142	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.49	276	243404	2.938	ng	96
88) Benzo(b)fluoranthene	22.63	252	429749m	5.853	ng	
89) Benzo(k)fluoranthene	22.67	252	155993m	2.277	ng	
90) Benzo(a)pyrene	23.19	252	311023	4.616	ng	# 95
92) Benzo(g,h,i)perylene	26.16	276	255228	3.770	ng	100

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

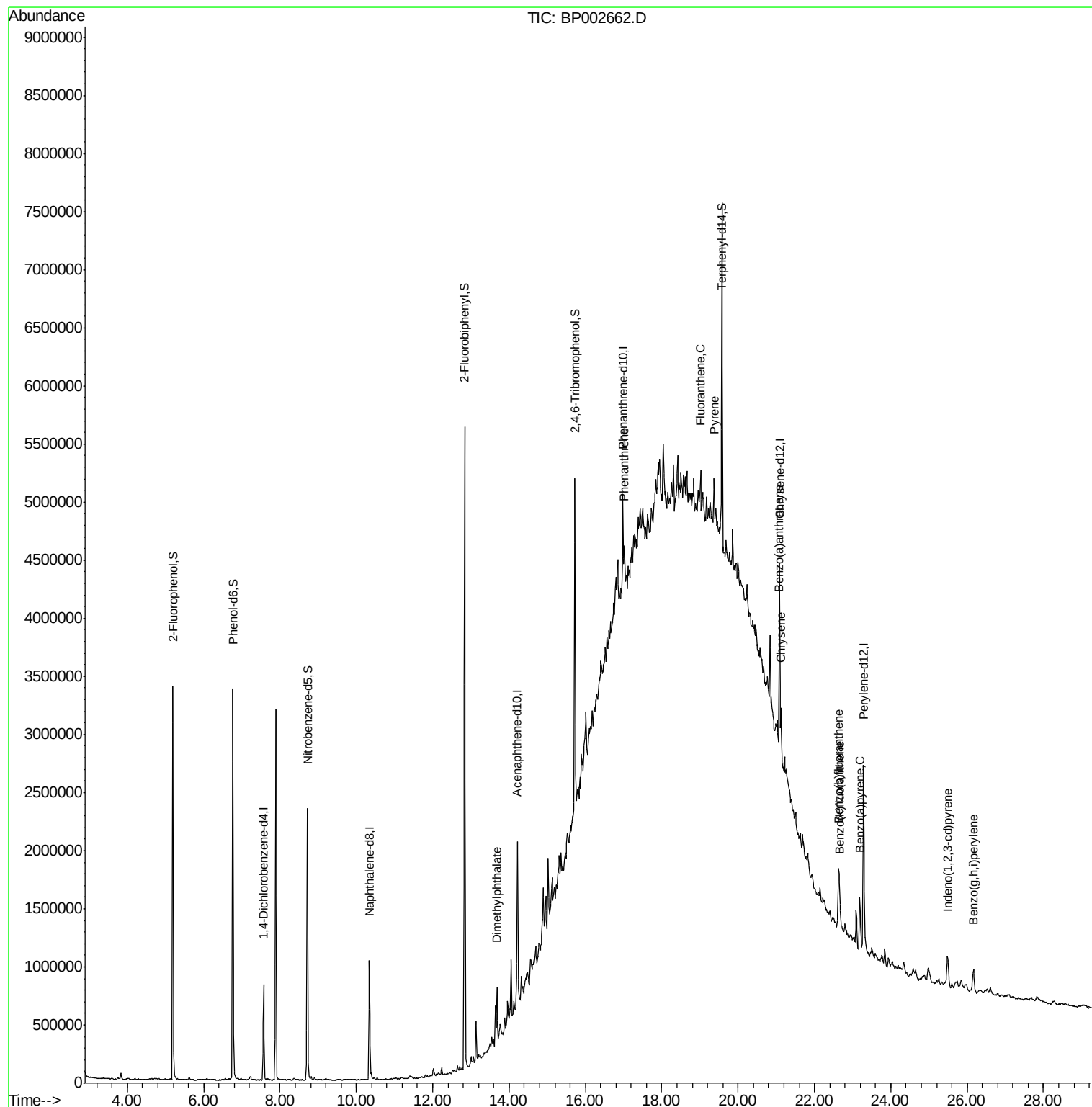
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002662.D
Acq On : 07 Jul 2020 17:31
Operator : CG/JU
Sample : L3205-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

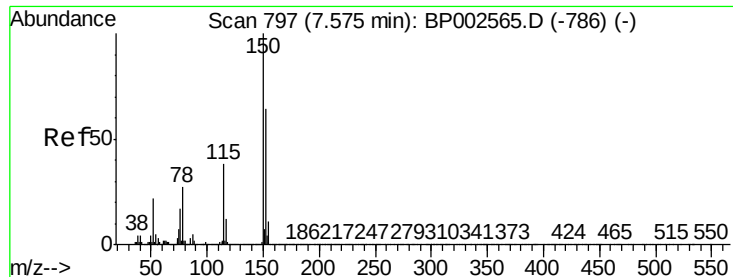
Instrument :
BNA_P
ClientSampleId :
12013

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Quant Time: Jul 08 10:45:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration





#1

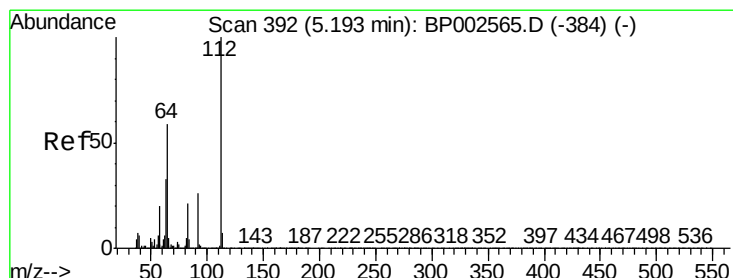
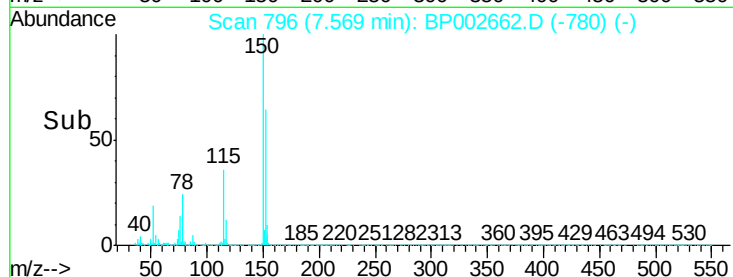
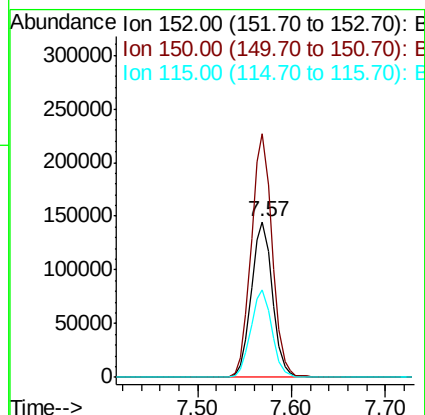
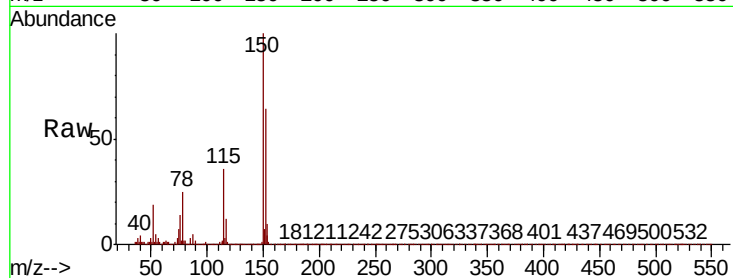
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampleId :
12013

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	56.0	47.1	70.7

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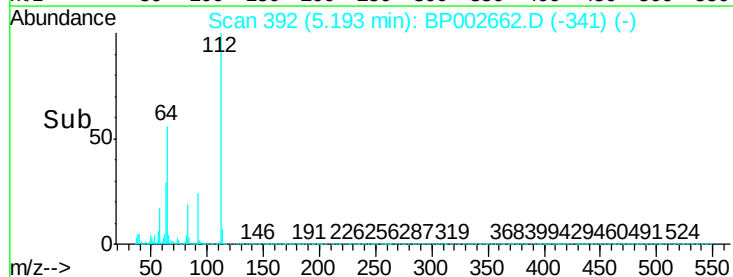
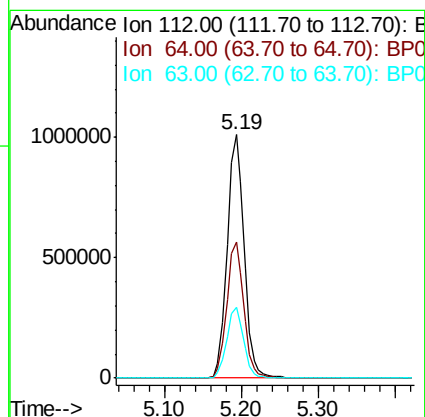
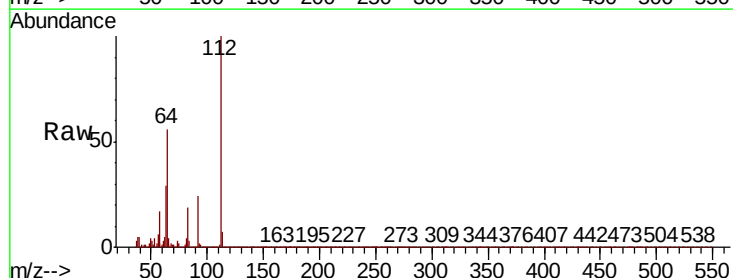
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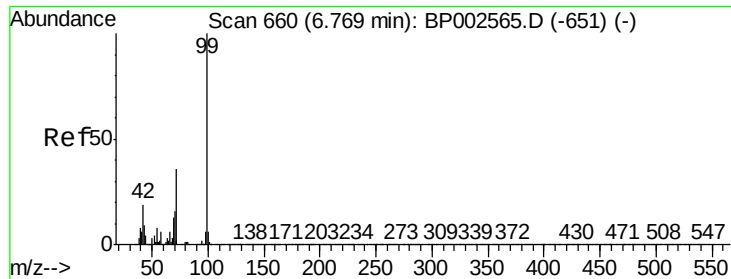


#5

2-Fluorophenol
Concen: 117.048 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.0	70.6
63	29.1	26.1	39.1





#7

Phenol-d6

Concen: 113.246 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002662.D

Acq: 07 Jul 2020 17:31

Instrument :

BNA_P

ClientSampled :
12013

Tot Ion: 99 Resp: 2099129

Ion Ratio Lower Upper

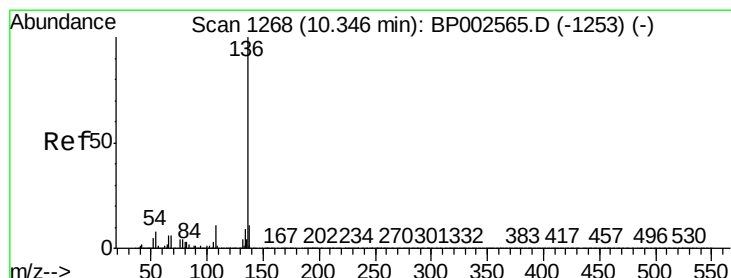
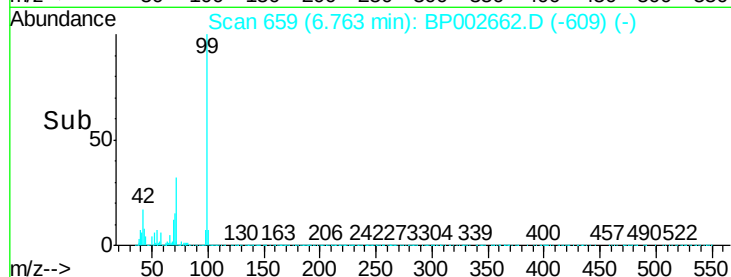
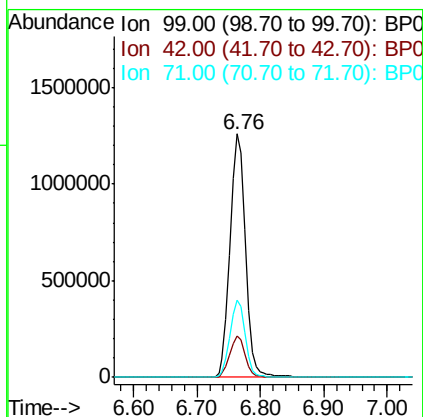
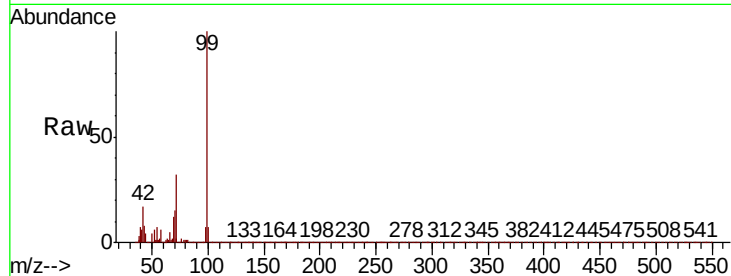
99 100

42 17.2 15.5 23.3

71 31.7 28.9 43.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002662.D

Acq: 07 Jul 2020 17:31

Tgt Ion: 136 Resp: 859403

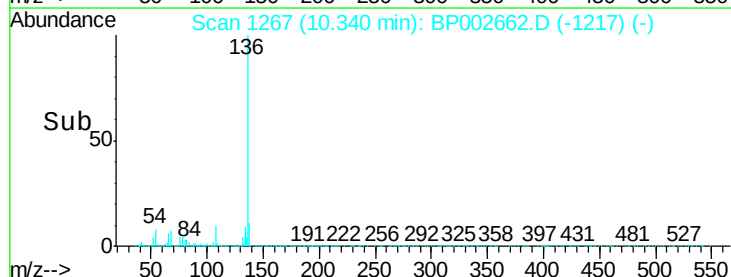
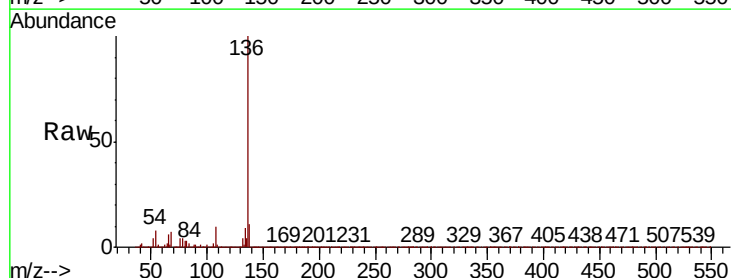
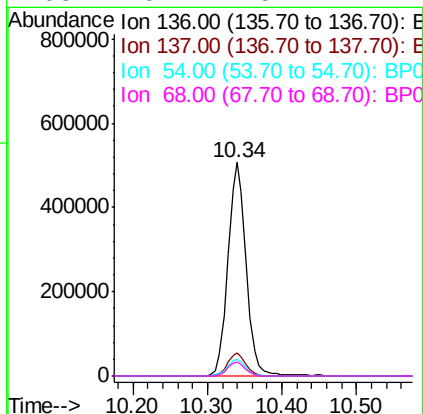
Ion Ratio Lower Upper

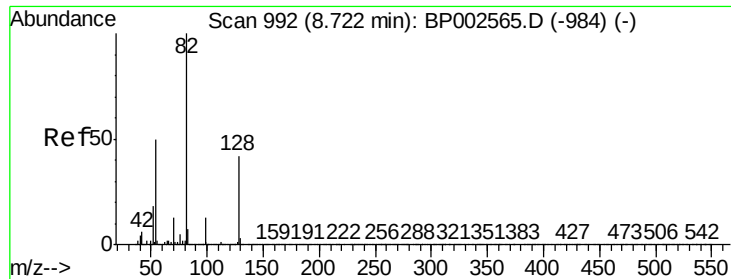
136 100

137 10.8 8.8 13.2

54 7.9 6.4 9.6

68 6.7 5.1 7.7





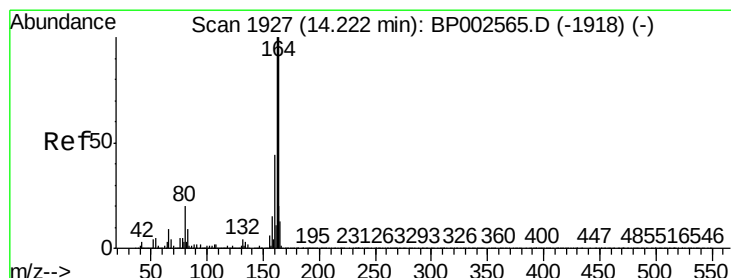
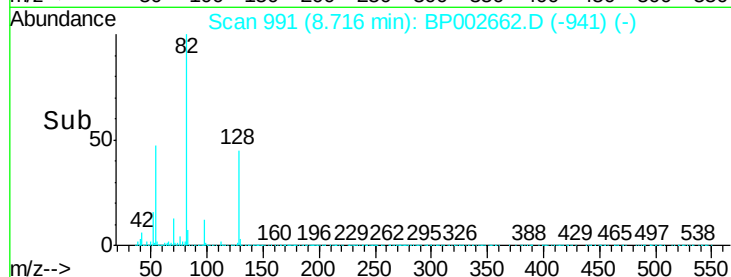
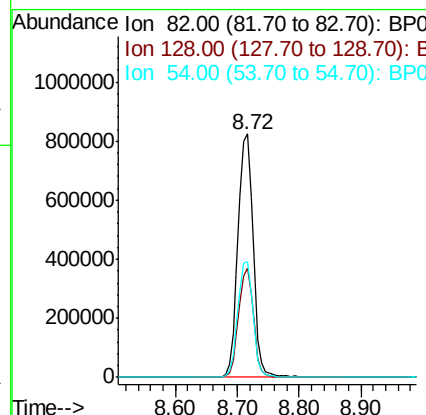
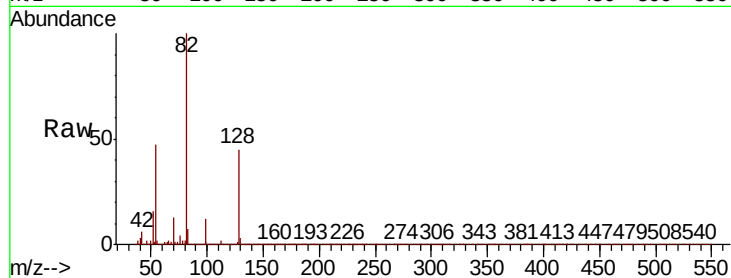
#23
 Nitrobenzene-d5
 Concen: 84.275 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Instrument :
 BNA_P
 ClientSampleID :
 12013

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.4	50.2
54	47.2	40.1	60.1

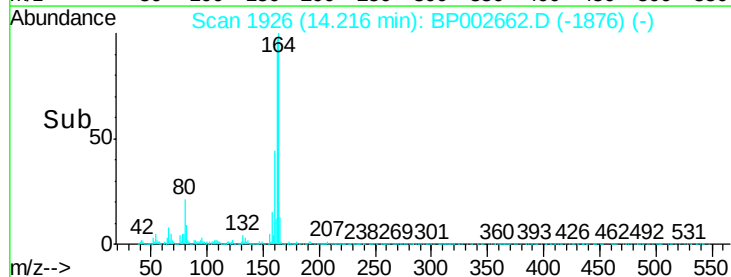
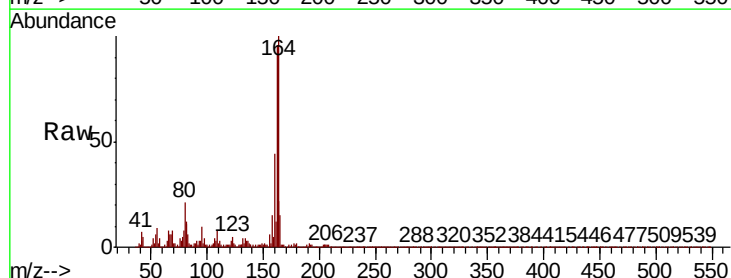
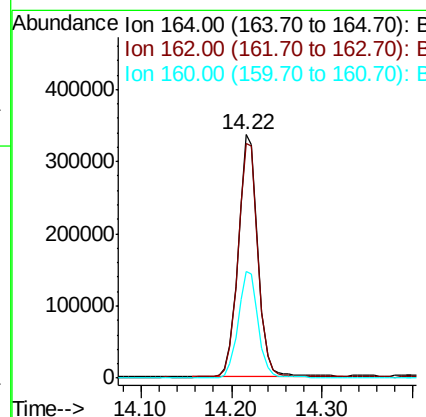
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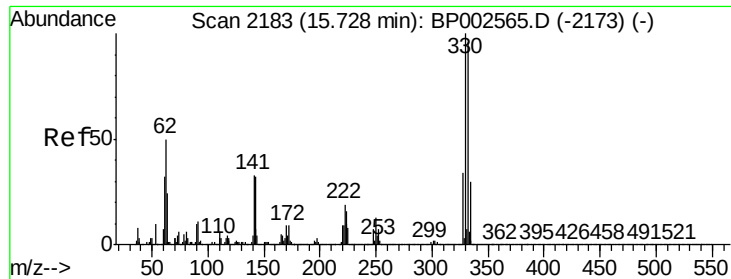
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	80.3	120.5
160	43.8	35.0	52.6





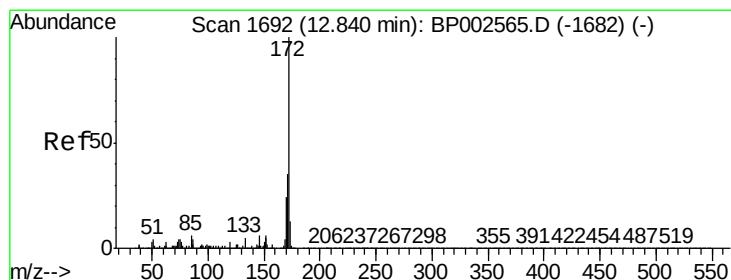
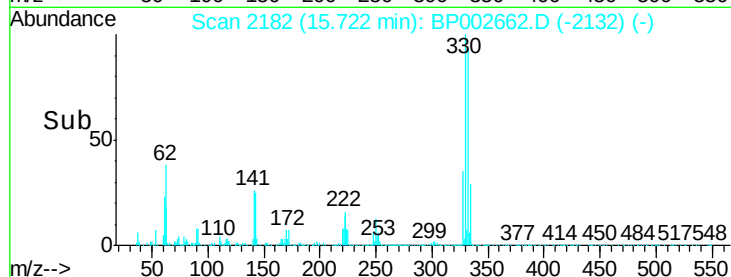
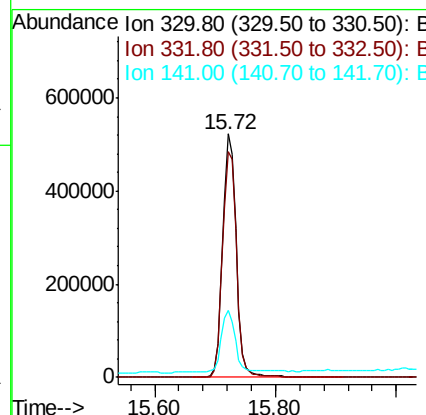
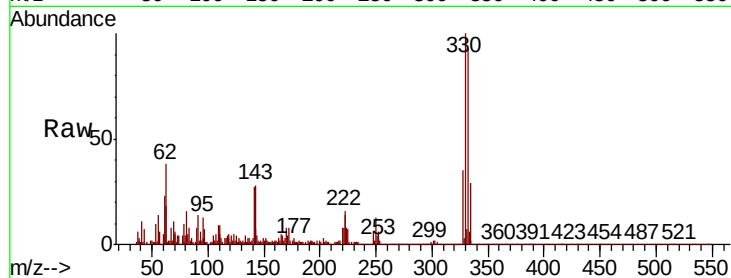
#42
2,4,6-Tribromophenol
Concen: 130.160 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampleId :
12013

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.7	116.5
141	25.1	29.0	43.6#

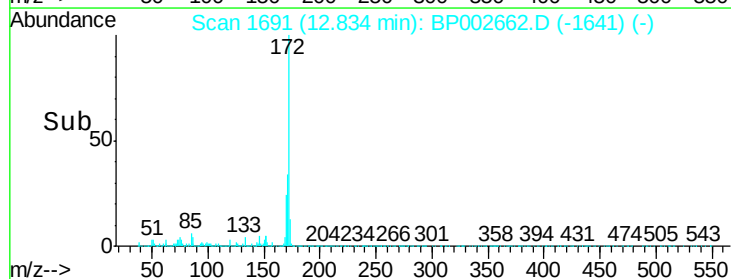
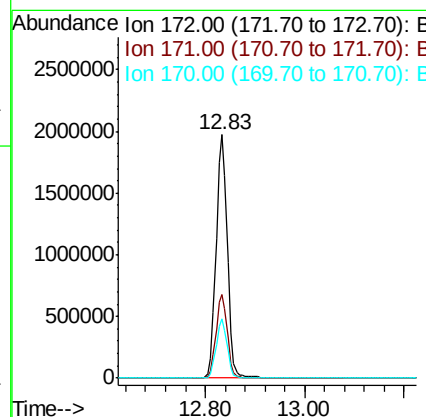
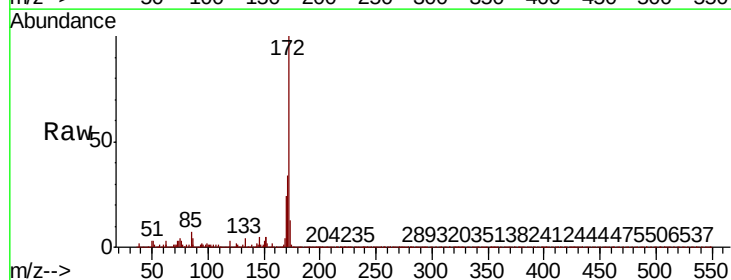
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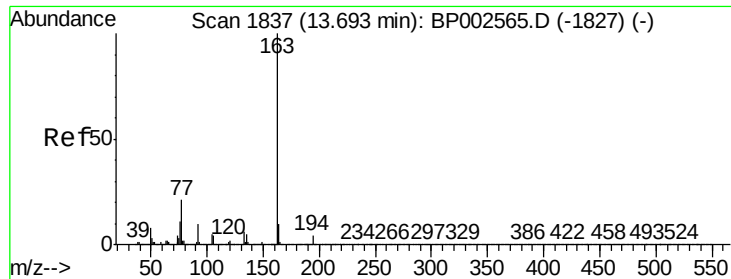
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#45
2-Fluorobiphenyl
Concen: 90.772 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	24.4	19.0	28.4





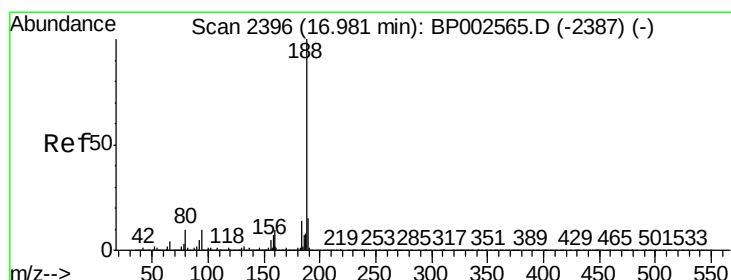
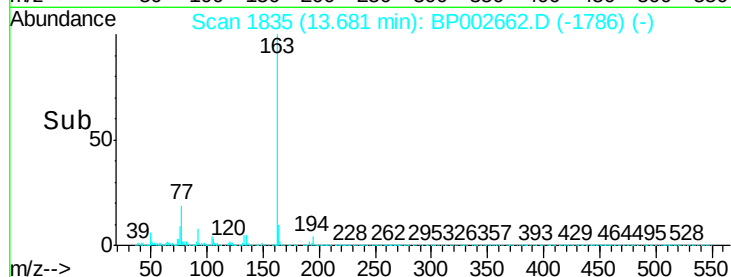
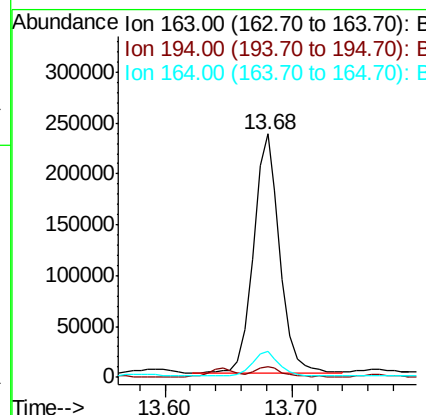
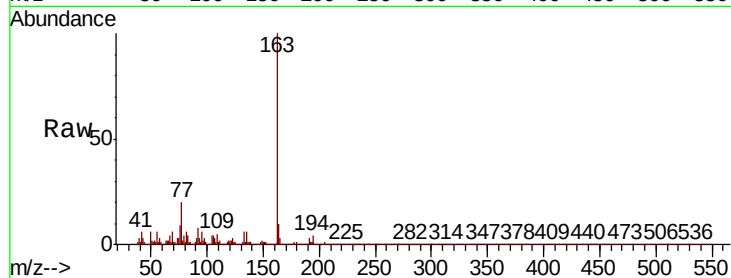
#50
Dimethylphthalate
Concen: 8.543 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampleId :
12013

Tot Ion	Ratio	Resp	Lower	Upper
163	100	341182		
194	4.2	3.4	5.0	
164	10.5	8.2	12.4	

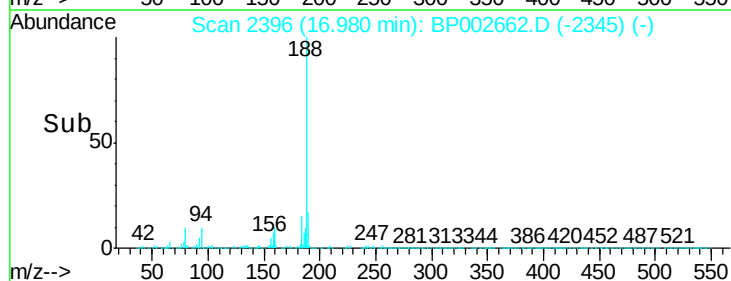
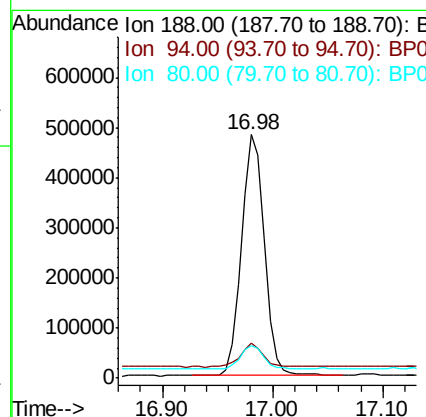
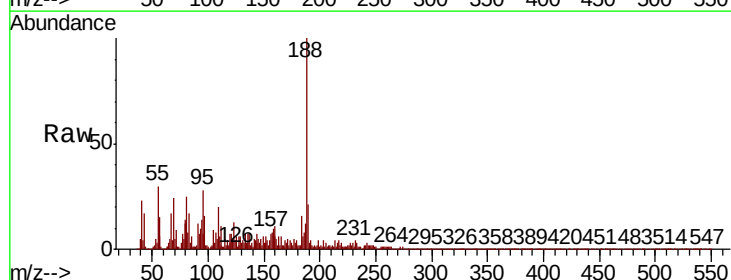
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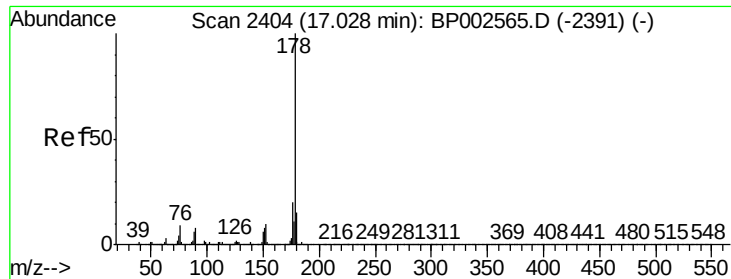
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	705769		
94	14.4	7.8	11.6#	
80	13.5	8.2	12.4#	





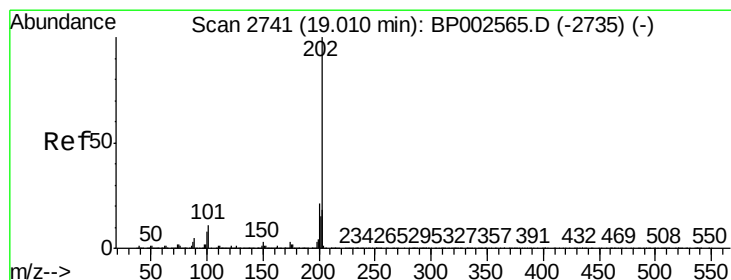
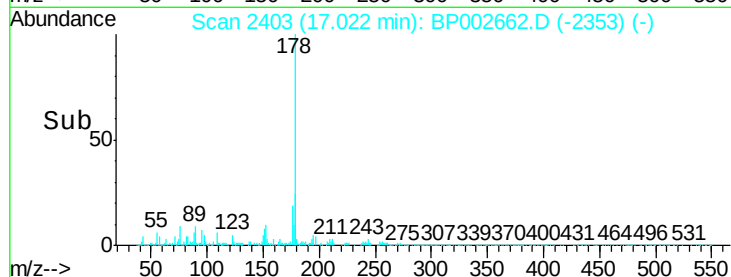
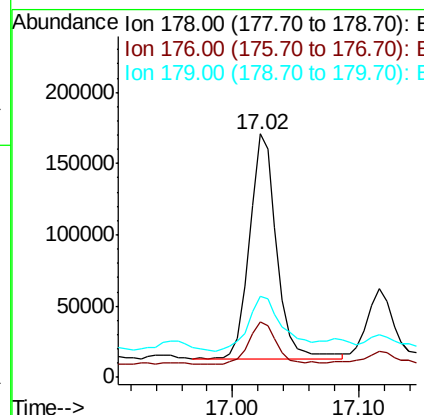
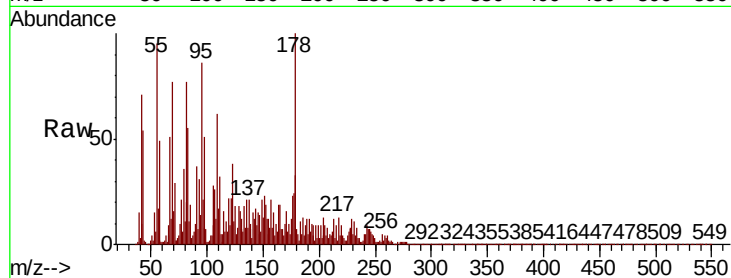
#71
Phenanthrene
Concen: 6.176 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampled :
12013

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.6	23.4
179	33.1	12.1	18.1

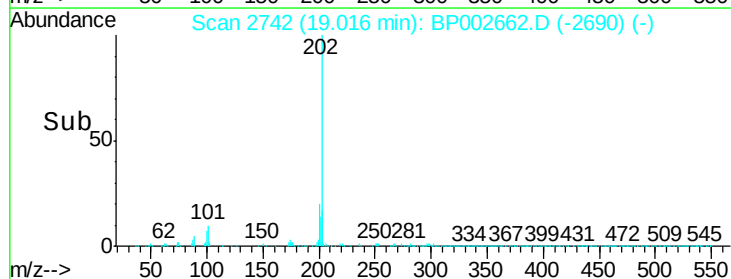
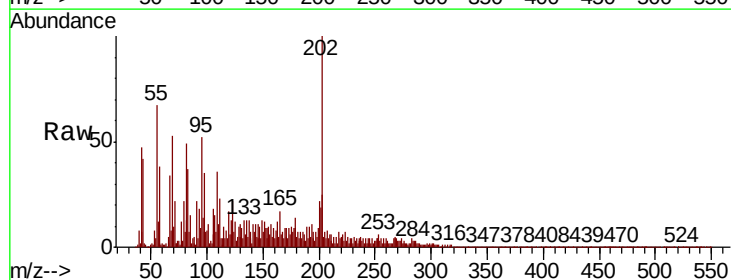
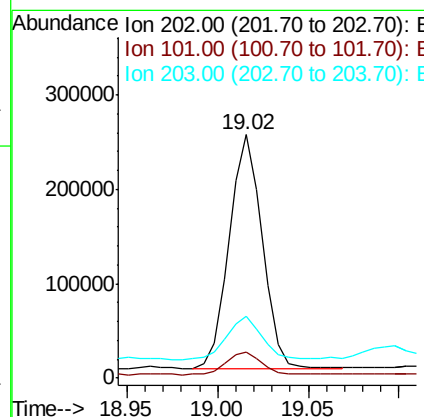
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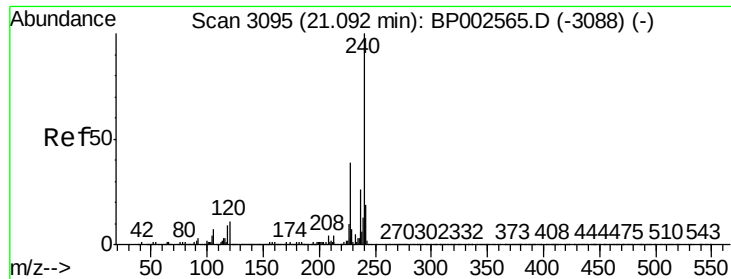
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#75
Fluoranthene
Concen: 6.846 ng
RT: 19.02 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.6
203	25.4	0.0	37.7





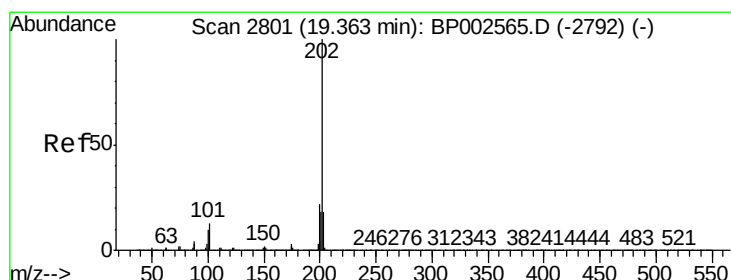
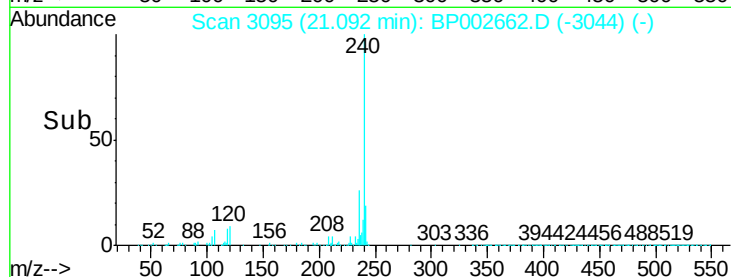
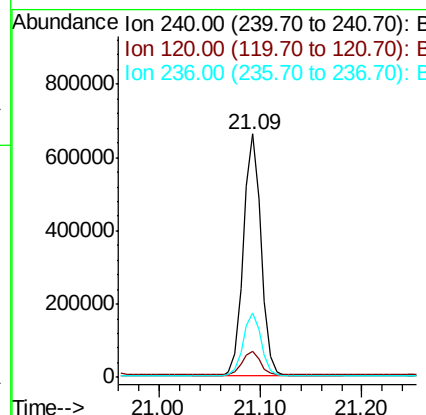
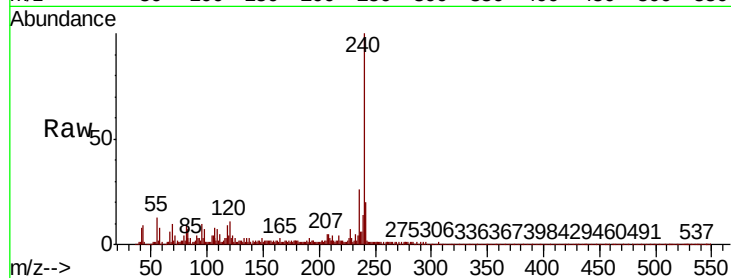
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampleId :
12013

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	26.4	20.8	31.2

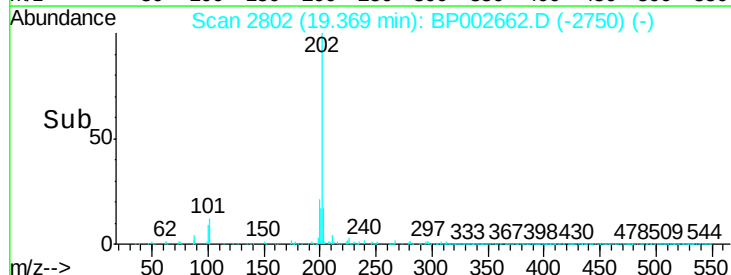
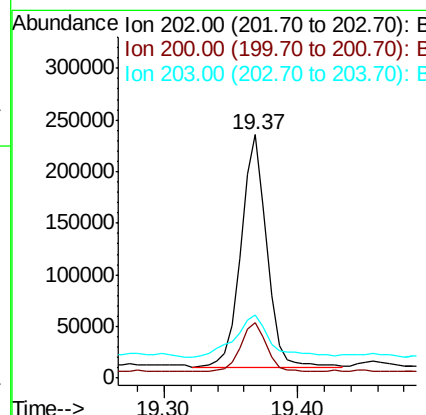
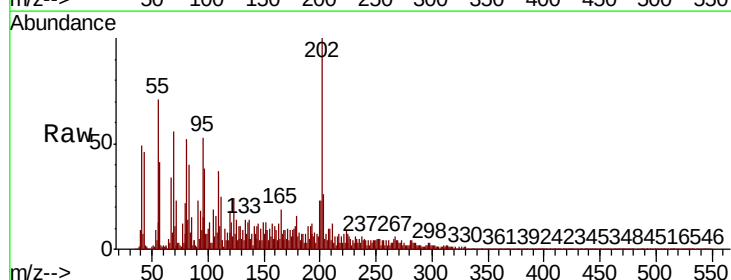
Manual Integrations
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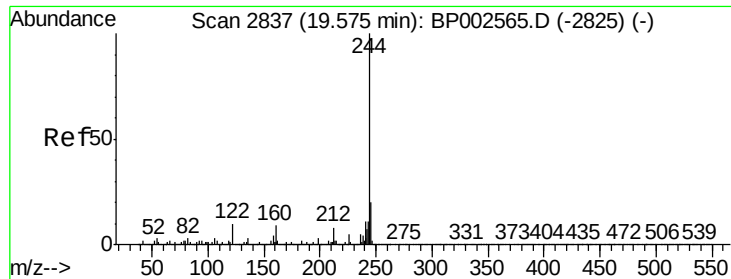
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#78
Pyrene
Concen: 5.530 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	25.7	14.4	21.6





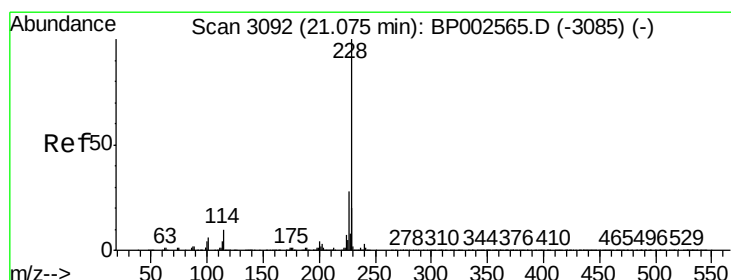
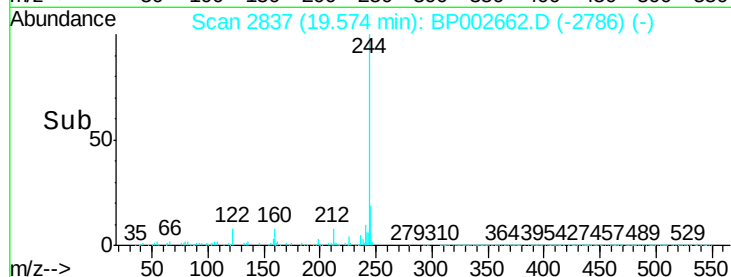
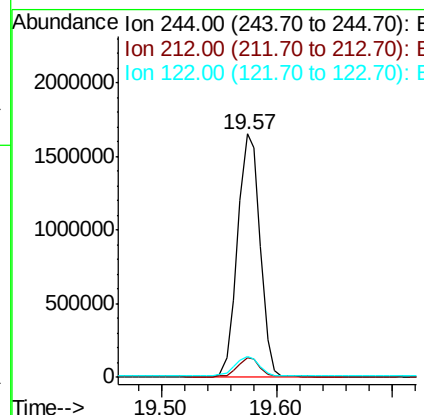
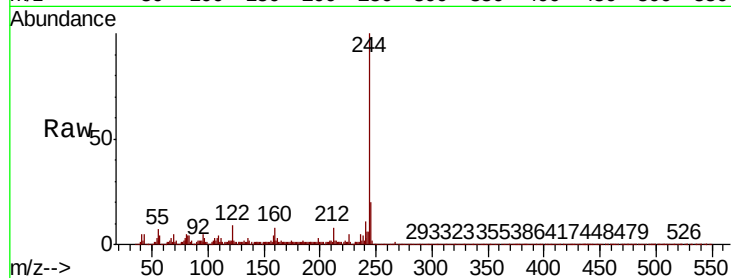
#79
 Terphenyl-d14
 Concen: 60.298 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Instrument :
 BNA_P
 ClientSampleId :
 12013

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	8.8	7.9	11.9

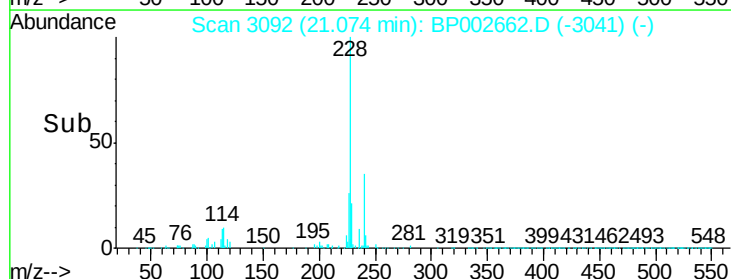
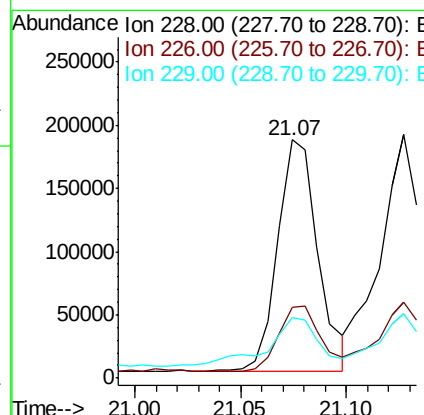
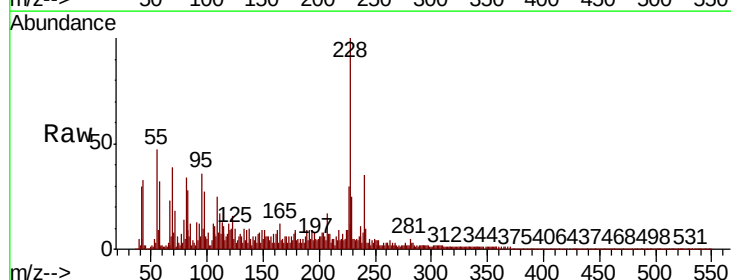
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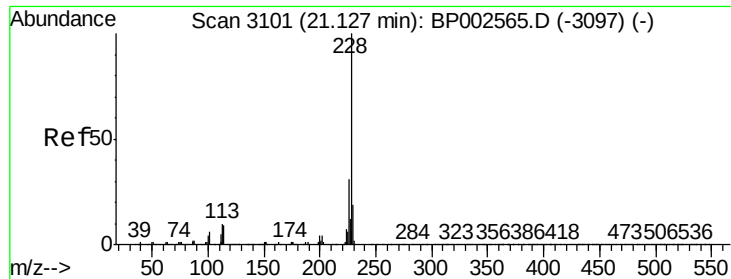
mohammad
 7/8/2020 10:36:02 AM



#81
 Benzo(a)anthracene
 Concen: 4.700 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	25.4	16.4	24.6





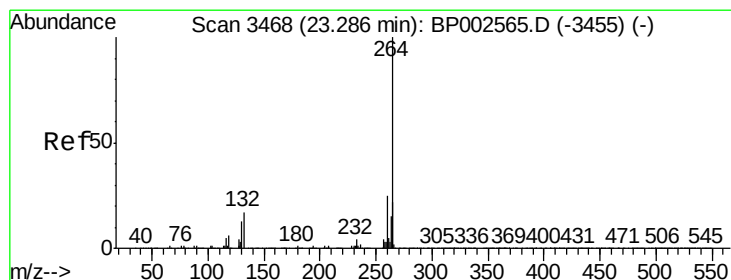
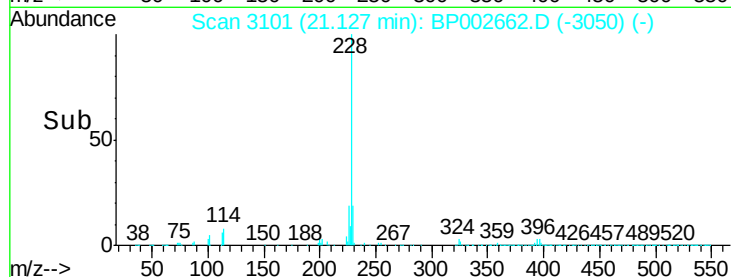
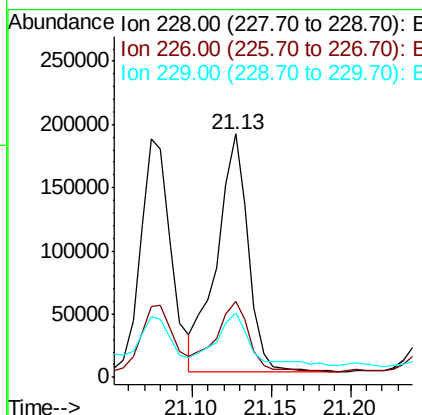
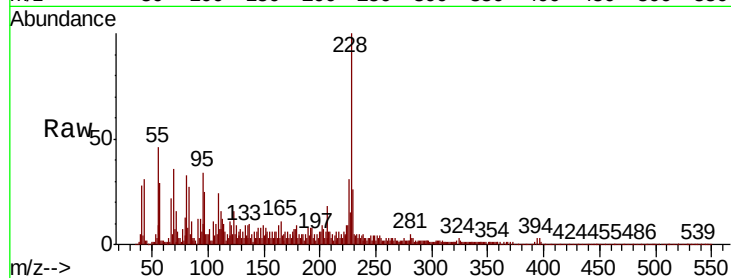
#83
Chrysene
Concen: 5.142 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampleID :
12013

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	26.3	15.6	23.4

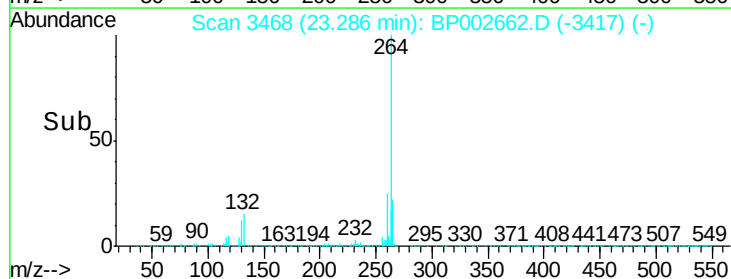
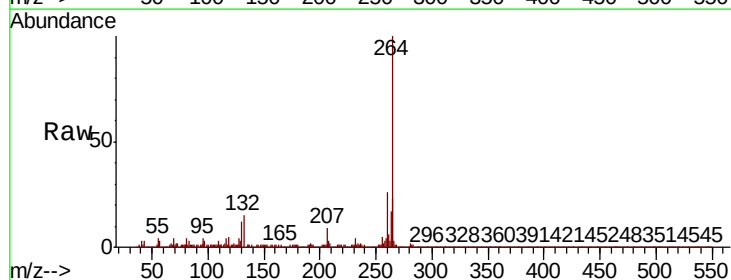
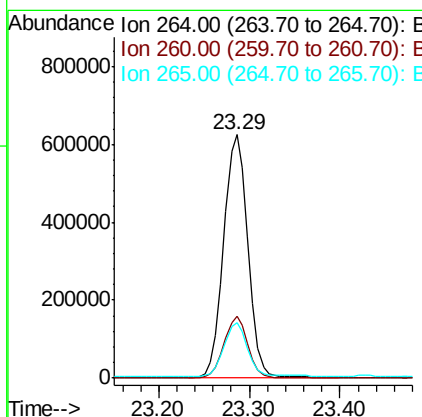
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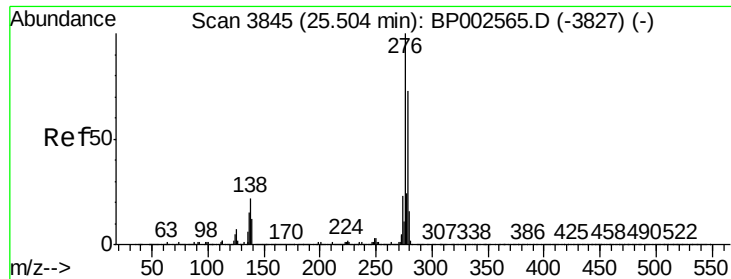
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.7	29.5
265	22.7	17.6	26.4





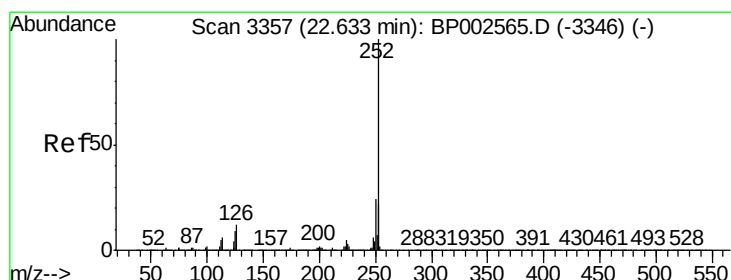
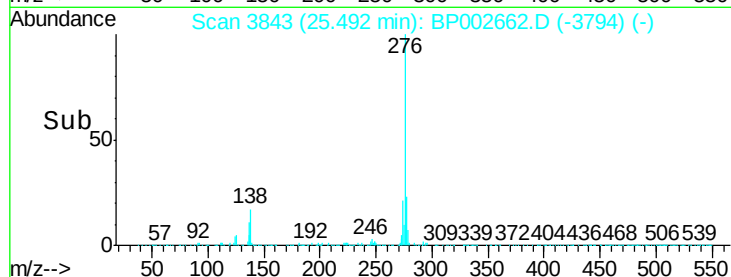
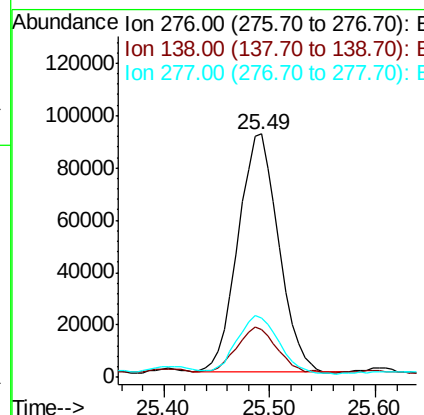
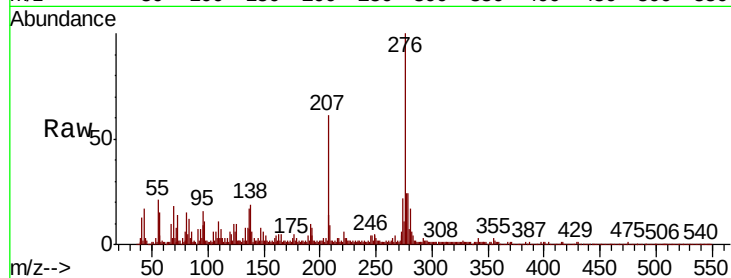
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.938 ng
 RT: 25.49 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Instrument :
 BNA_P
 ClientSampleId :
 12013

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.6	27.8
277	25.2	20.1	30.1

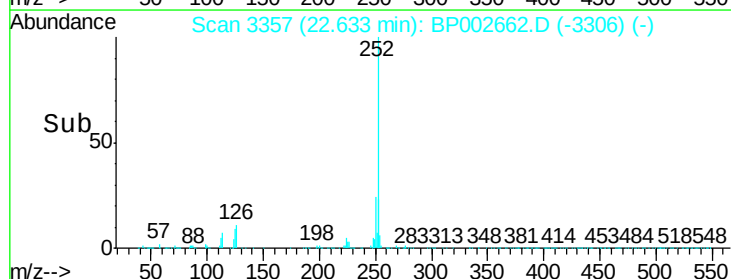
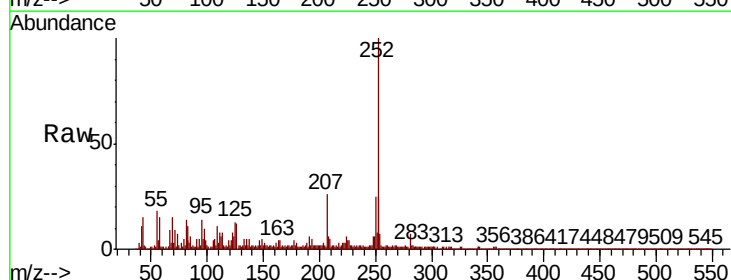
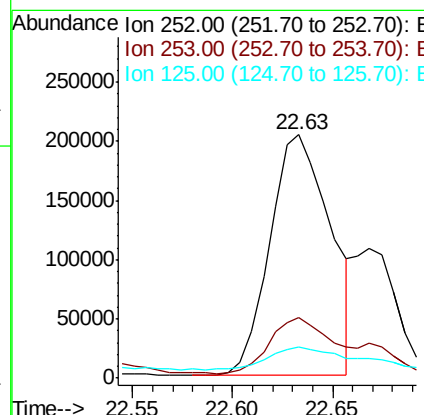
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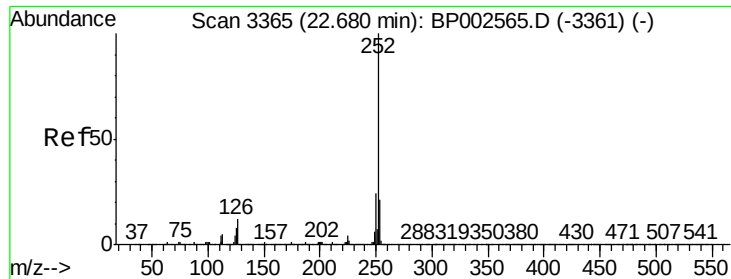
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#88
 Benzo(b)fluoranthene
 Concen: 5.853 ng m
 RT: 22.63 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: BP002662.D
 Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	12.8	7.4	11.2





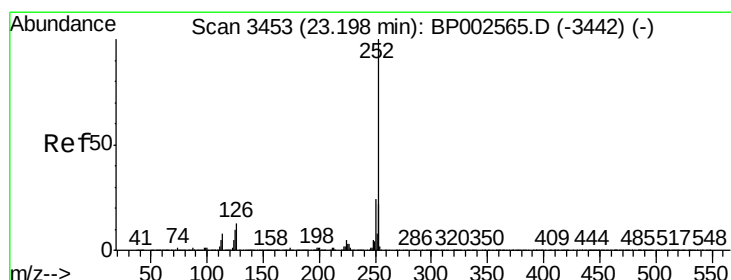
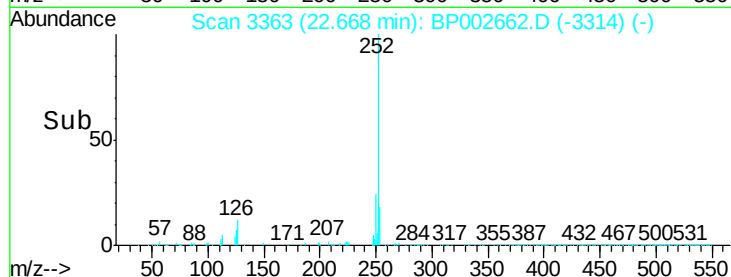
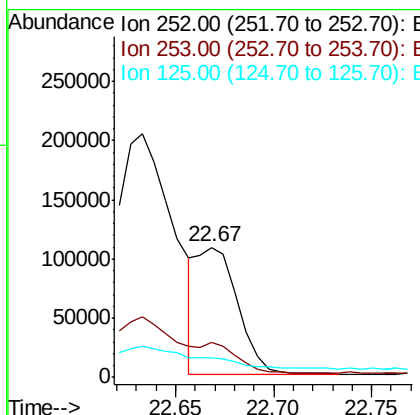
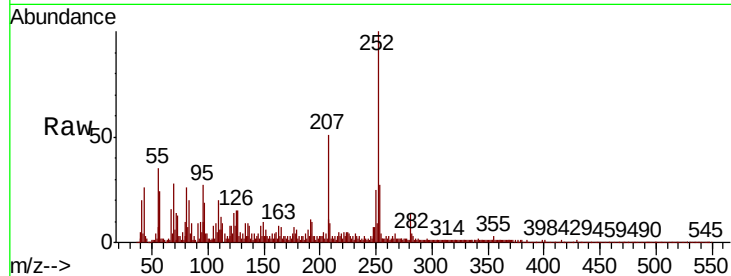
#89
Benzo(k)fluoranthene
Concen: 2.277 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Instrument :
BNA_P
ClientSampled :
12013

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	14.7	6.9	10.3#

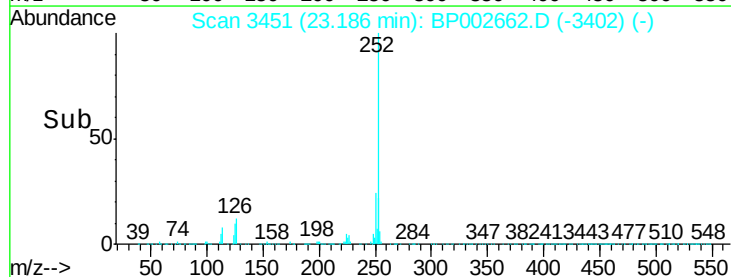
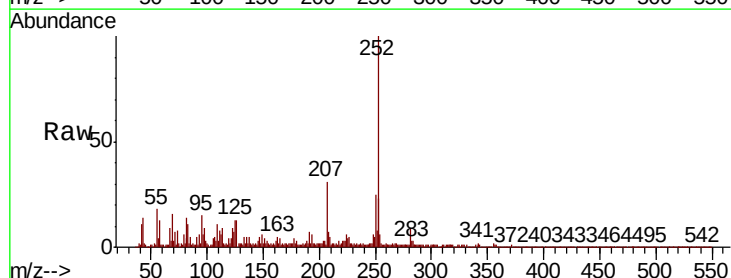
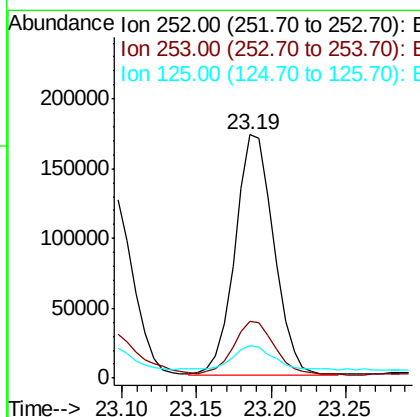
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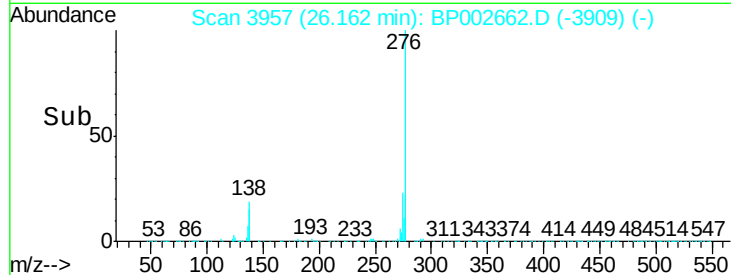
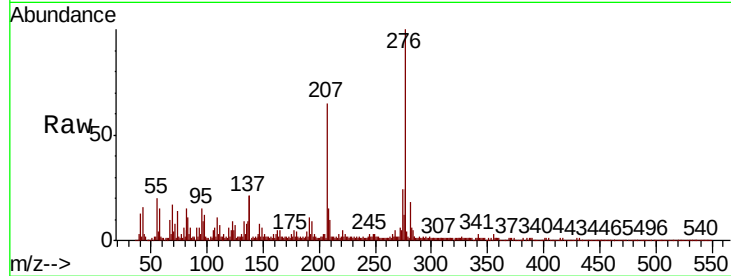
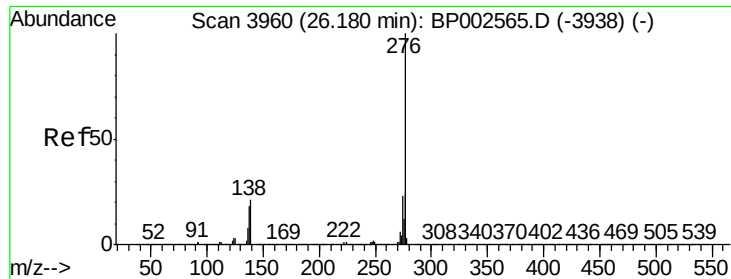
mohammad
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#90
Benzo(a)pyrene
Concen: 4.616 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002662.D
Acq: 07 Jul 2020 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.4	7.8	11.8#





#92

Benzo(a,h,i)perylene

Concen: 3.770 ng

RT: 26.16 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BP002662.D

Acq: 07 Jul 2020 17:31

Instrument :

BNA_P

ClientSampleId :

12013

Tot Ion:	276	Resp:	255228
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.3	28.9
138	21.0	16.9	25.3

Manual Integrations
APPROVED

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