

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001622.D
 Acq On : 15 Jan 2020 22:28
 Operator : JU
 Sample : L1126-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0

Manual Integrations
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Quant Time: Jan 16 07:39:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	40796	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	150008	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	98646	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	209922	20.00	ng	0.00
76) Chrysene-d12	21.15	240	168899	20.00	ng	0.00
87) Perylene-d12	23.39	264	177902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	199482	95.79	ng	0.00
7) Phenol-d6	6.83	99	289809	87.07	ng	0.00
23) Nitrobenzene-d5	8.78	82	204187	59.48	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	114335	76.14	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	423923	63.18	ng	0.00
79) Terphenyl-d14	19.63	244	567431	61.45	ng	0.00
Target Compounds						
10) Phenol	6.85	94	7981	2.318	ng	91
49) Acenaphthylene	14.00	152	38447	4.243	ng	99
50) Dimethylphthalate	13.75	163	40643	5.002	ng	# 96
71) Phenanthrene	17.09	178	53495	4.686	ng	99
72) Anthracene	17.17	178	31229	2.810	ng	97
75) Fluoranthene	19.07	202	270220	17.989	ng	99
78) Pyrene	19.42	202	284000	22.890	ng	98
81) Benzo(a)anthracene	21.13	228	196960	16.744	ng	95
83) Chrysene	21.19	228	182798	15.946	ng	96
86) Indeno(1,2,3-cd)pyrene	25.64	276	122169	9.104	ng	99
88) Benzo(b)fluoranthene	22.72	252	258889m	23.093	ng	
89) Benzo(k)fluoranthene	22.76	252	72890m	6.669	ng	
90) Benzo(a)pyrene	23.29	252	186329	17.505	ng	# 97
91) Dibenzo(a,h)anthracene	25.65	278	29237	2.662	ng	# 90
92) Benzo(a,h,i)perylene	26.33	276	122559	11.226	ng	97

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

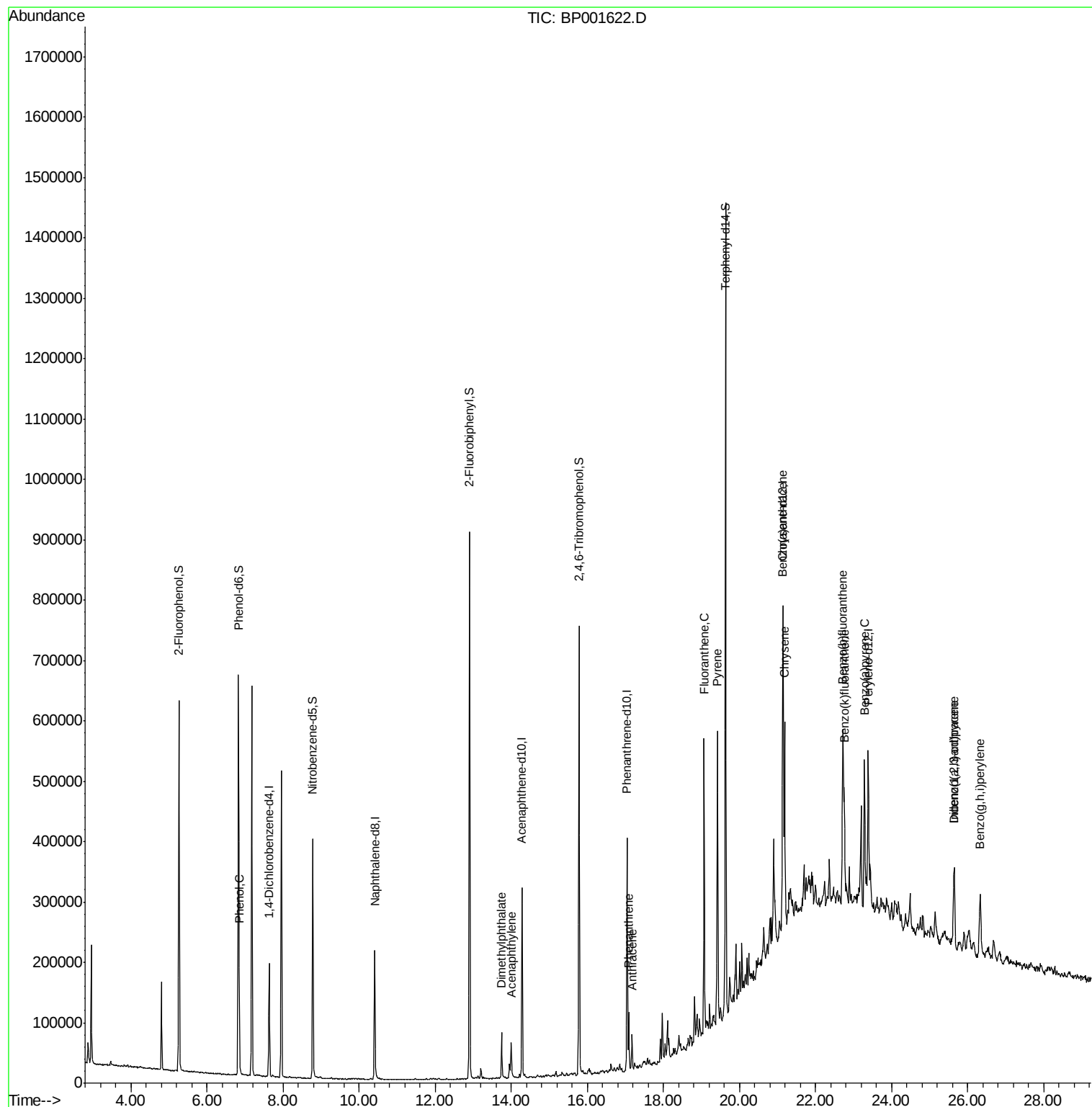
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
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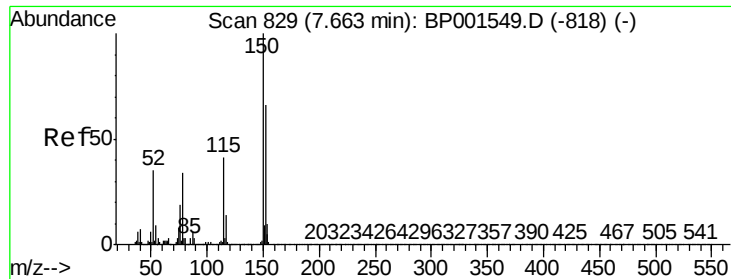
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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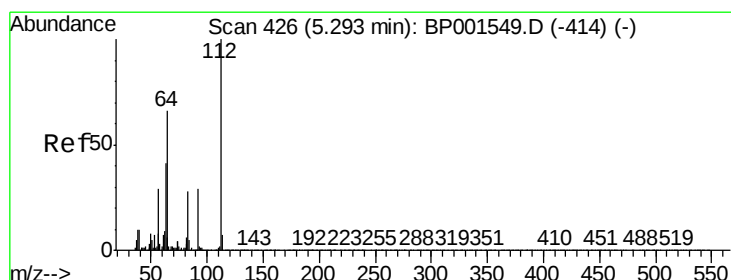
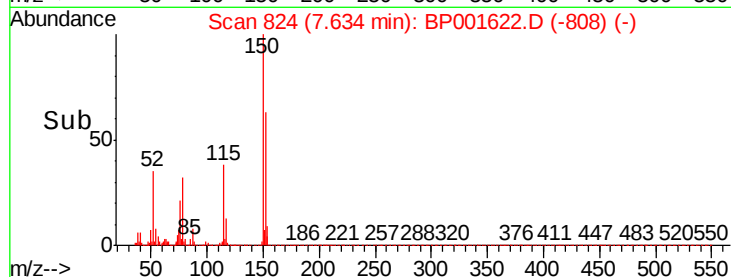
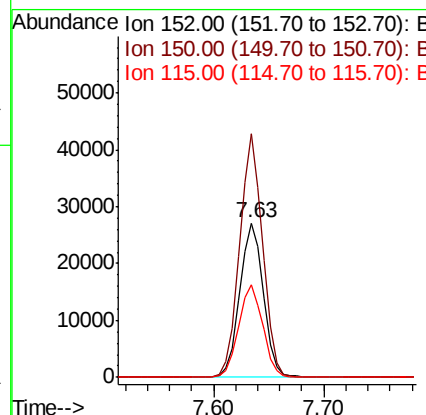
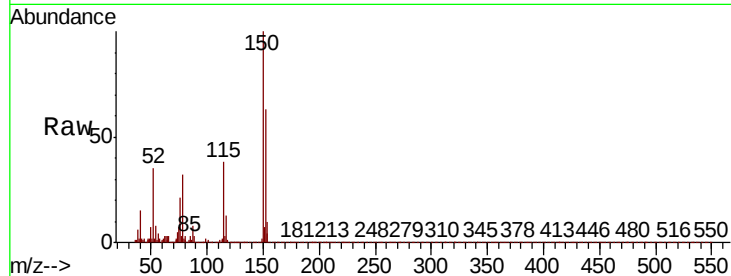
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.0	183.0
115	60.4	50.7	76.1

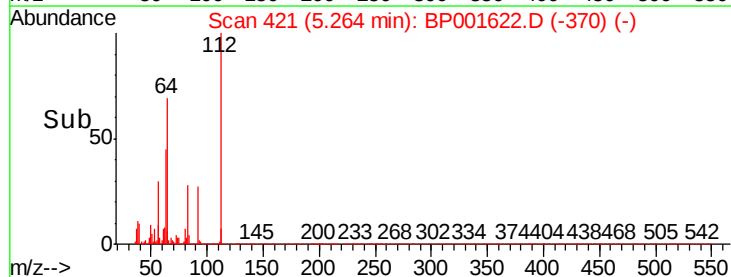
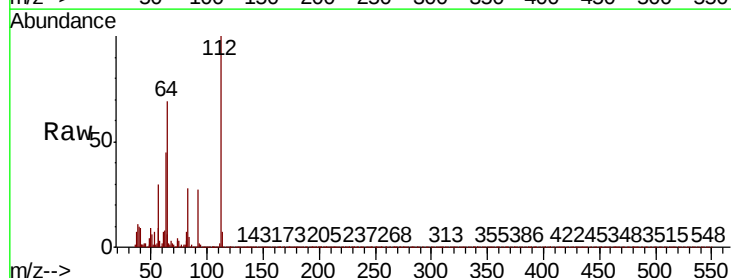
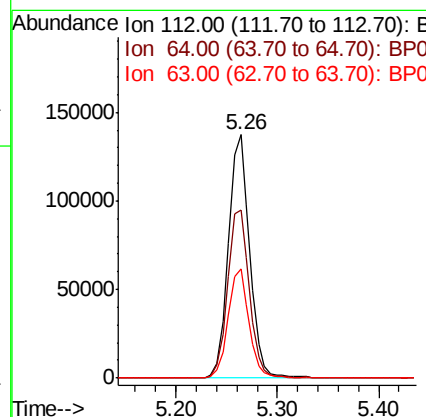
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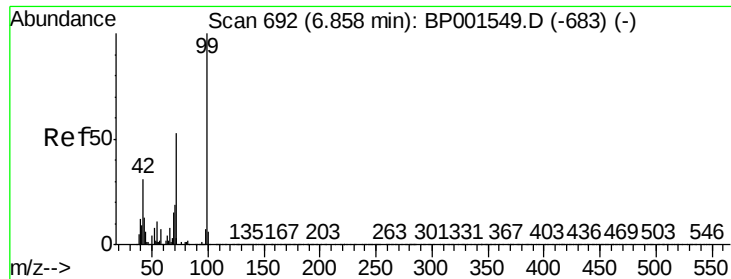
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#5
2-Fluorophenol
Concen: 95.785 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.8	79.2
63	44.6	33.1	49.7





#7

Phenol-d6

Concen: 87.072 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001622.D

Acq: 15 Jan 2020 22:28

Instrument :

BNA_P

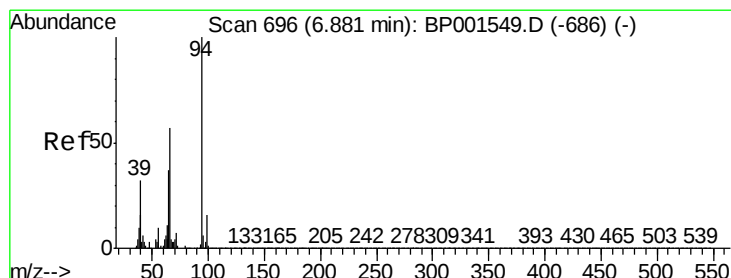
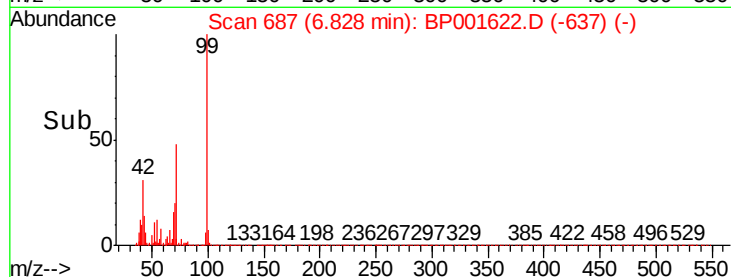
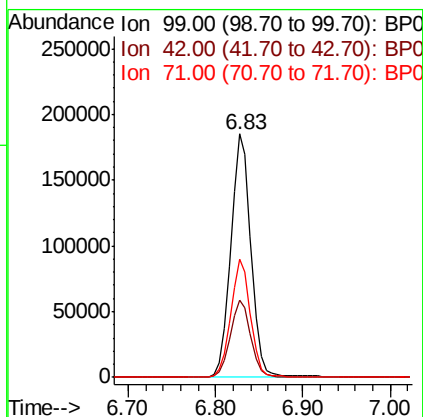
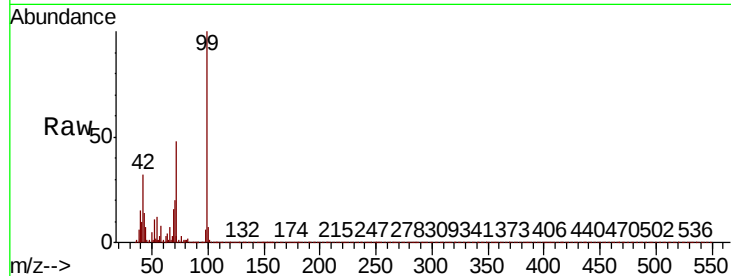
ClientSampleId :

BW-1-3.0

Tot Ion:	99	Resp:	289809
Ion Ratio	Lower	Upper	
99	100		
42	31.5	24.5	36.7
71	48.3	42.4	63.6

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#10

Phenol

Concen: 2.318 ng

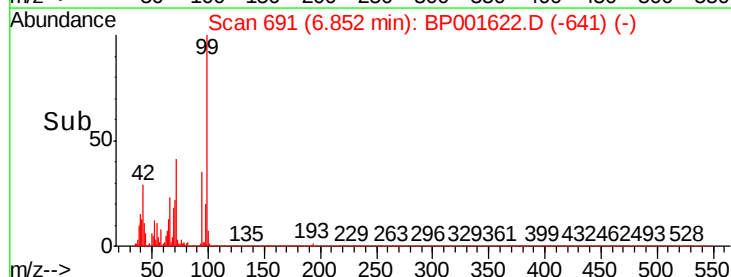
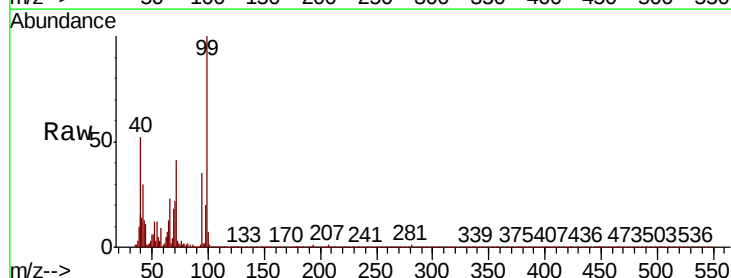
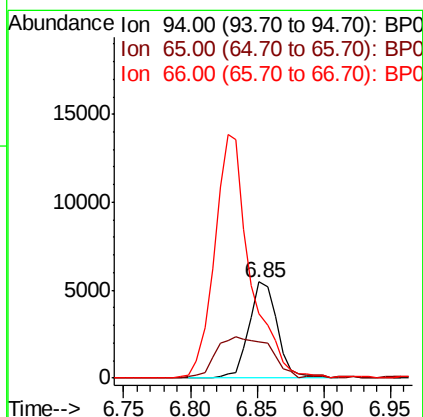
RT: 6.85 min Scan# 691

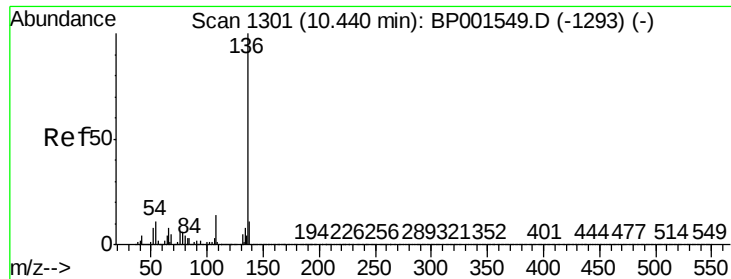
Delta R.T. -0.01 min

Lab File: BP001622.D

Acq: 15 Jan 2020 22:28

Tgt Ion:	94	Resp:	7981
Ion Ratio	Lower	Upper	
94	100		
65	37.6	17.5	57.5
66	67.0	36.7	76.7





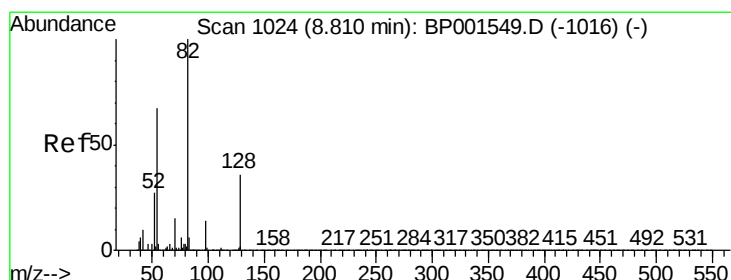
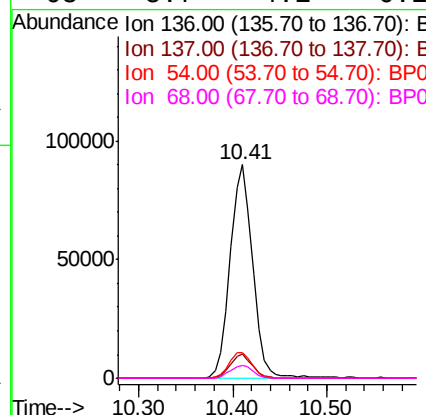
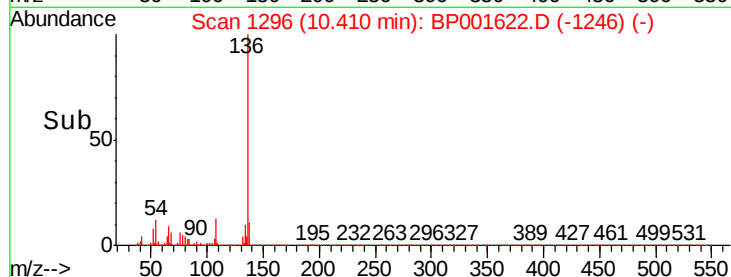
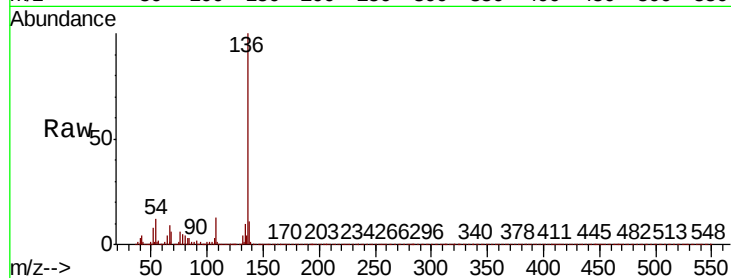
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampled :
BW-1-3.0

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.6	12.8
54	11.8	9.2	13.8
68	5.7	4.1	6.1

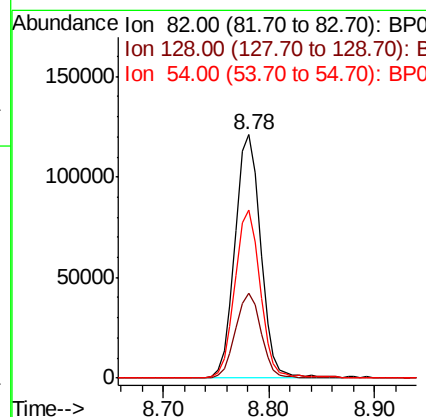
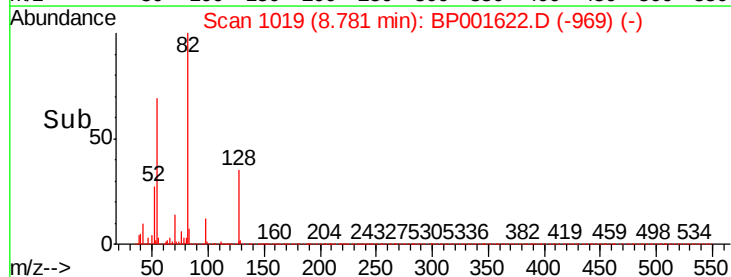
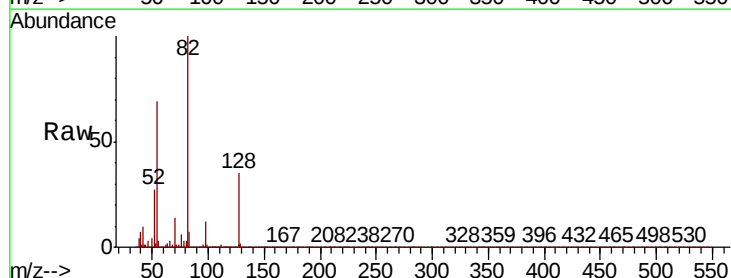
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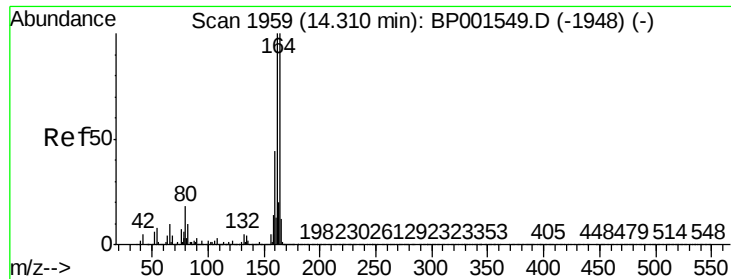
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#23
Nitrobenzene-d5
Concen: 59.480 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.6	28.4	42.6
54	68.9	53.4	80.2





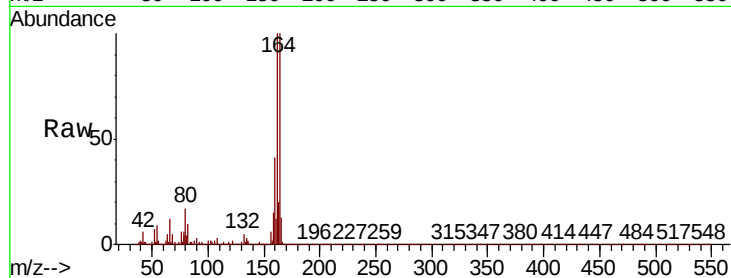
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.6
160	41.3	35.0	52.6

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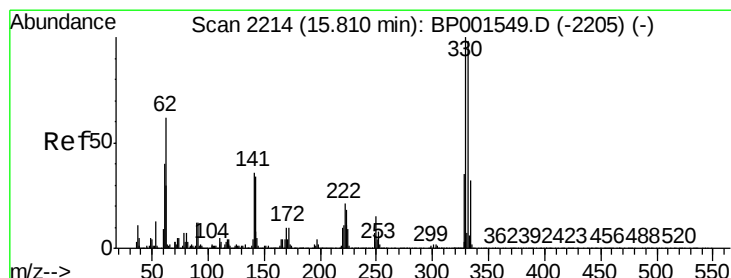
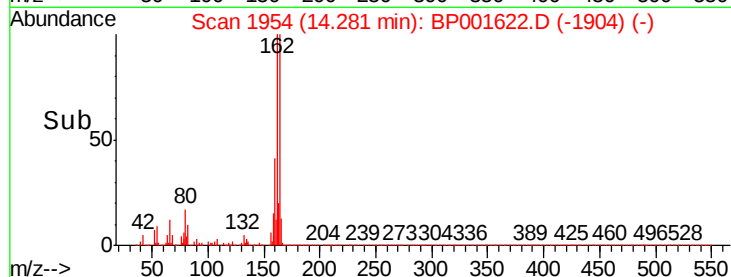
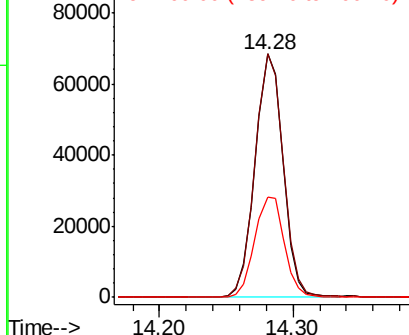


Abundance

Ion 164.00 (163.70 to 164.70): E

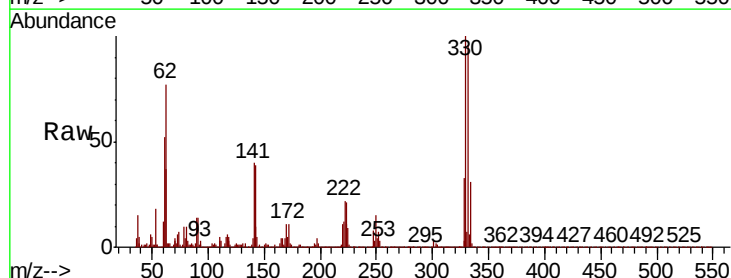
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 76.143 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	38.1	28.7	43.1

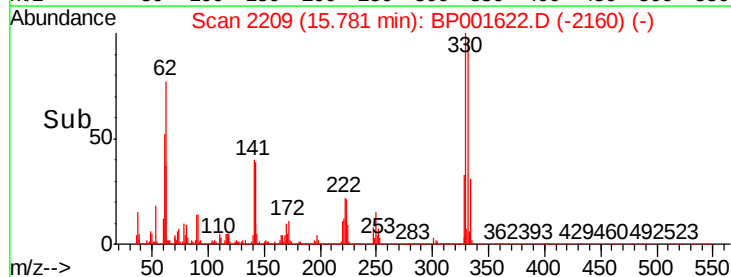
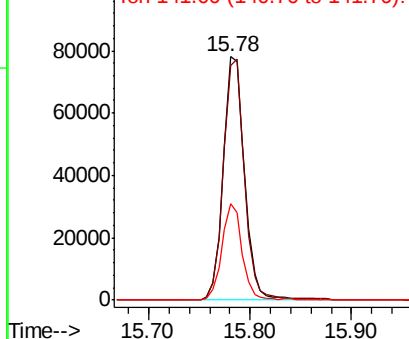


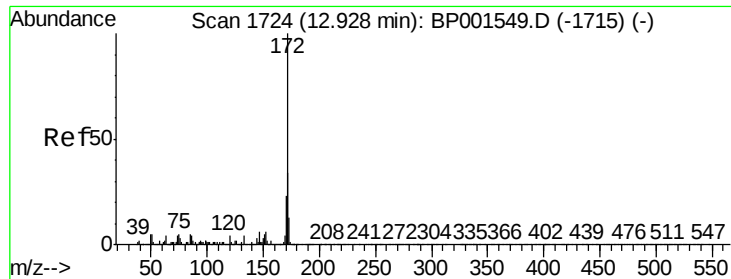
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





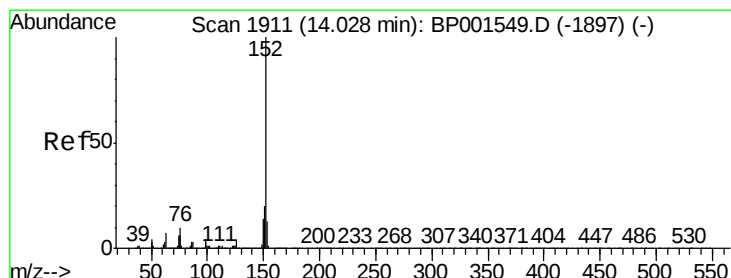
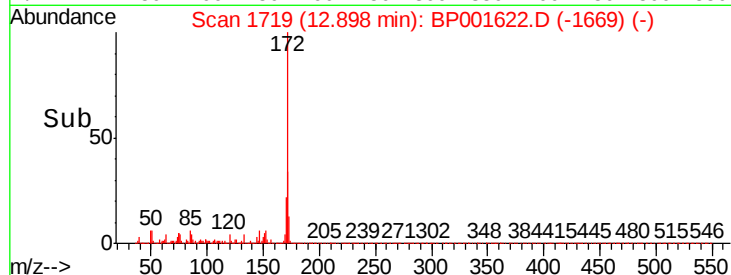
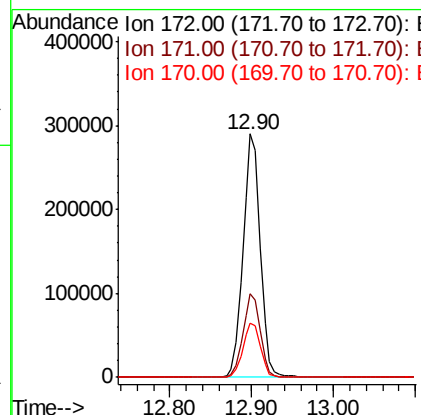
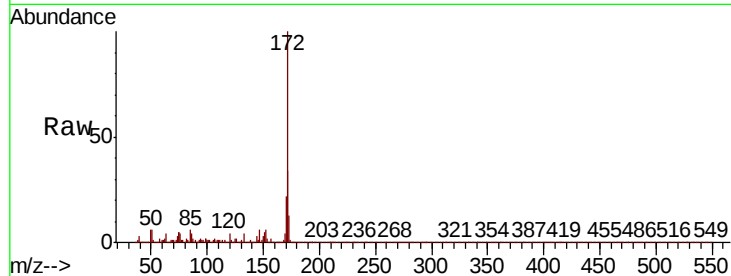
#45
 2-Fluorobiphenyl
 Concen: 63.184 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001622.D
 Acq: 15 Jan 2020 22:28

Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0

Tot Ion:	172	Resp:	423923
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.6	41.4
170	22.4	18.3	27.5

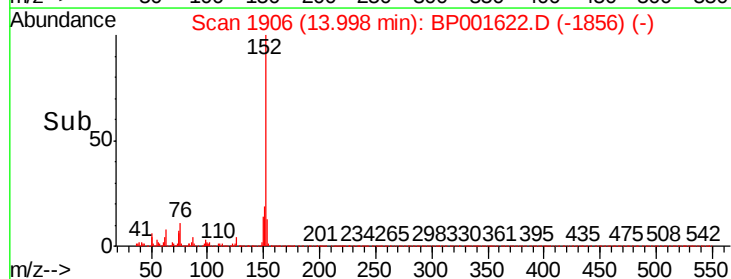
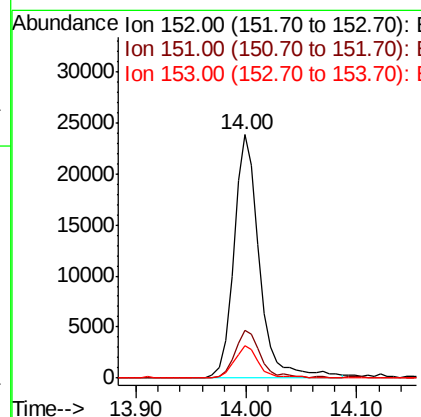
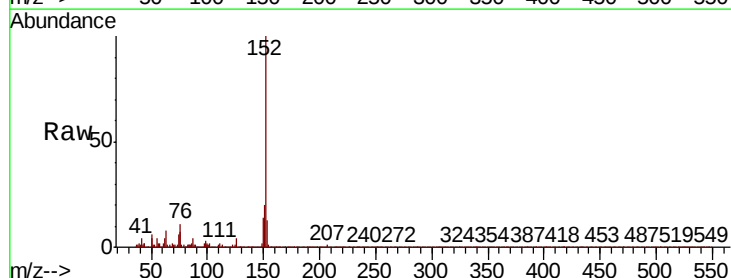
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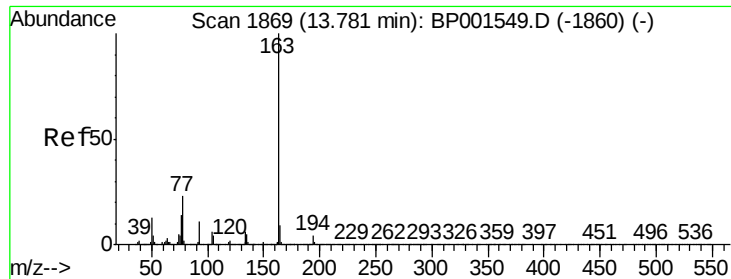
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#49
 Acenaphthylene
 Concen: 4.243 ng
 RT: 14.00 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BP001622.D
 Acq: 15 Jan 2020 22:28

Tgt Ion:	152	Resp:	38447
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	13.1	10.4	15.6





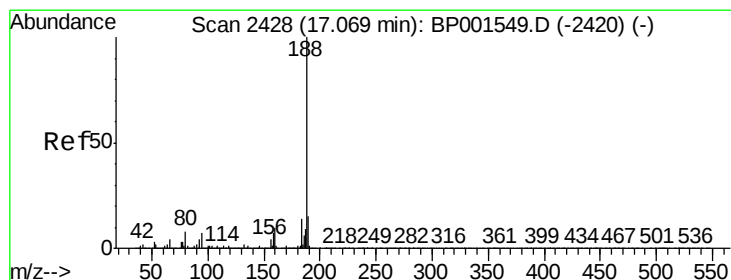
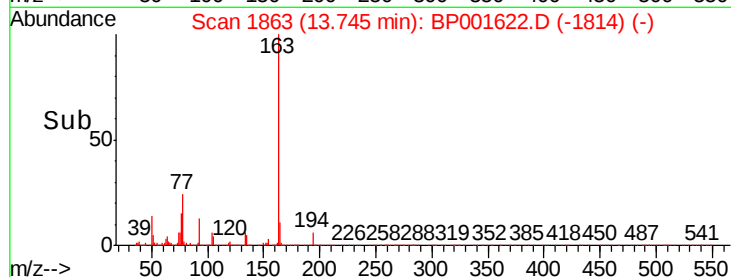
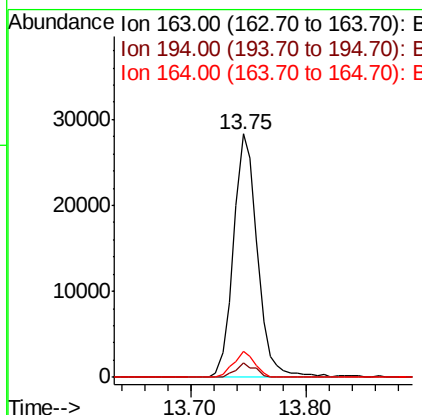
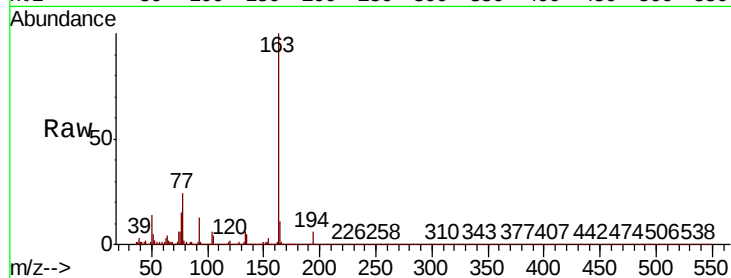
#50
Dimethylphthalate
Concen: 5.002 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.6	5.4#
164	10.7	7.5	11.3

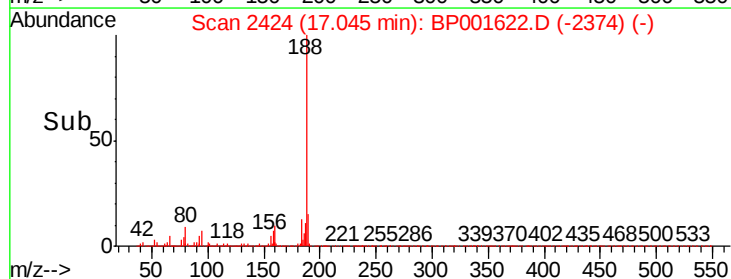
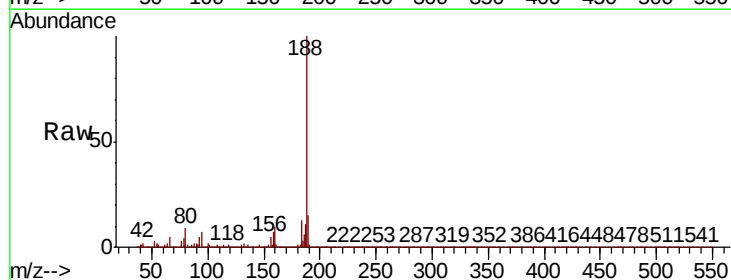
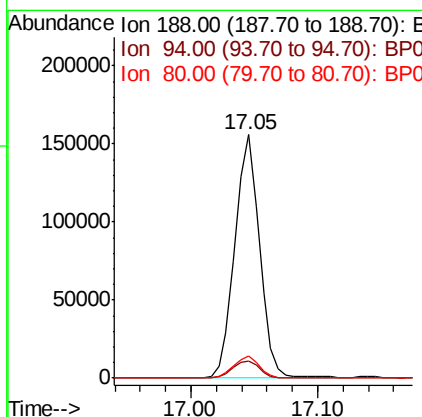
Manual Integrations
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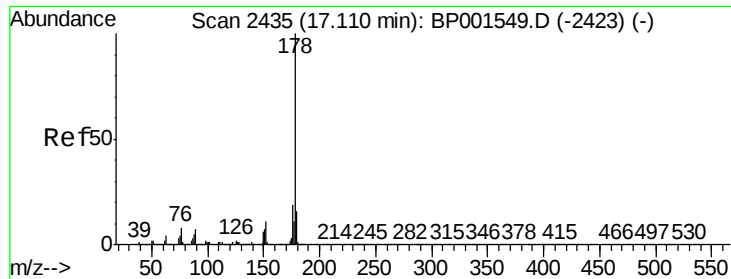
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.9	8.9
80	9.1	6.8	10.2





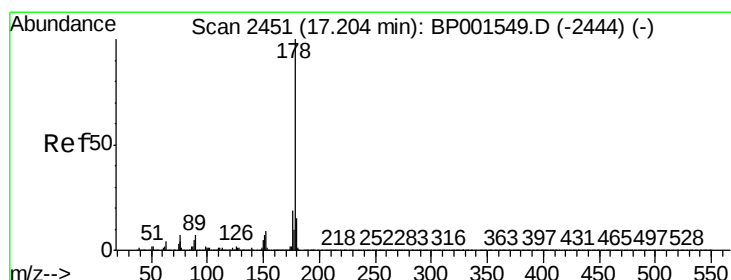
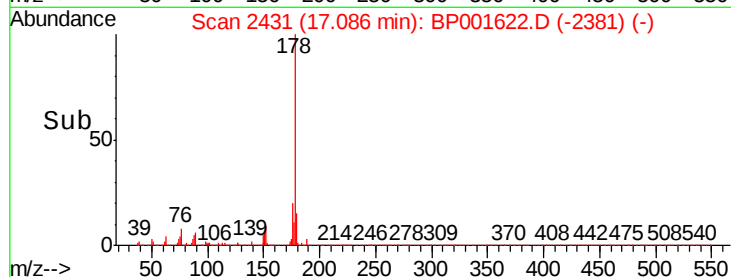
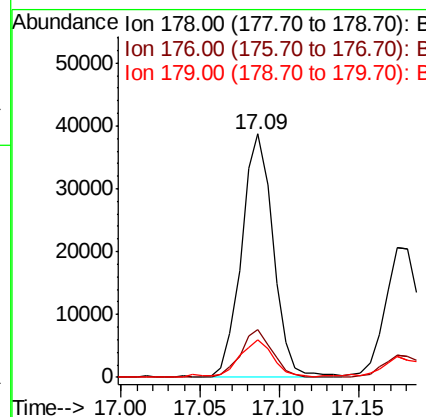
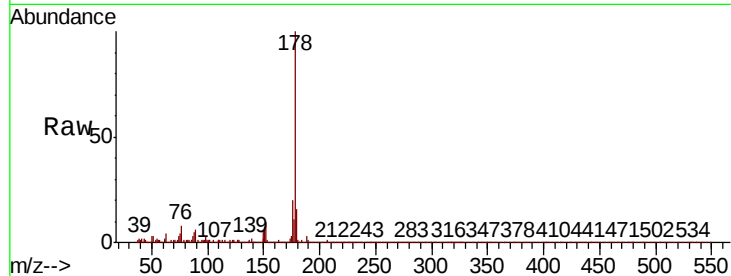
#71
Phenanthrene
Concen: 4.686 ng
RT: 17.09 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.9	22.3
179	15.6	12.5	18.7

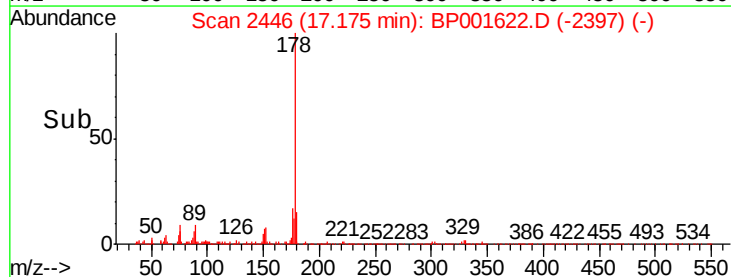
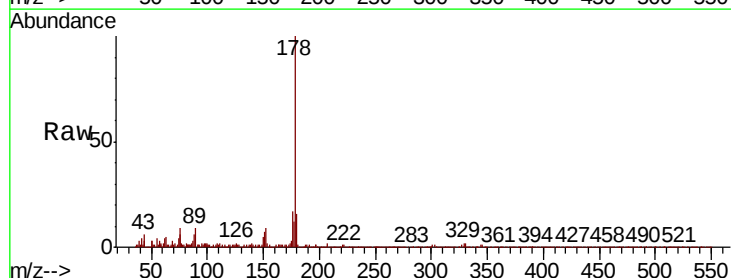
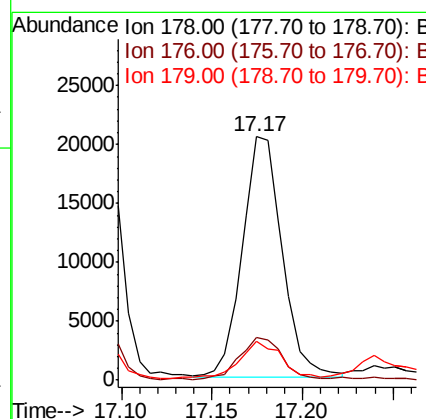
Manual Integrations
APPROVED

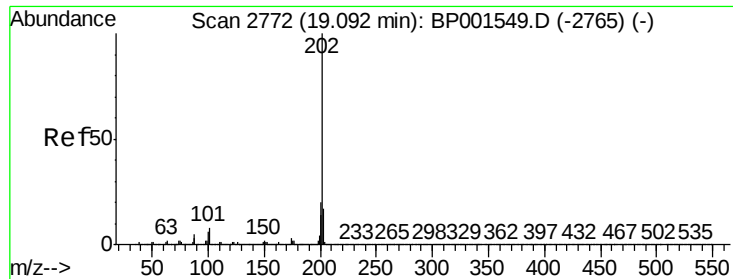
mohammad
1/16/2020 1:46:28 PM



#72
Anthracene
Concen: 2.810 ng
RT: 17.17 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.6
179	15.8	11.8	17.8





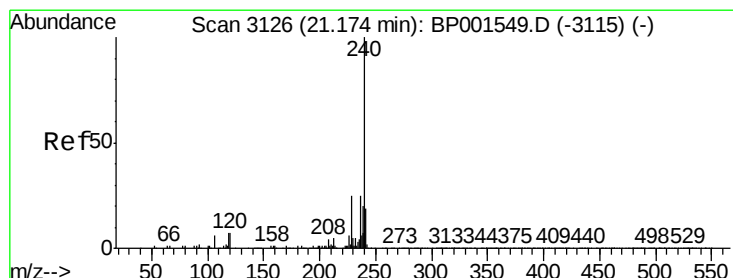
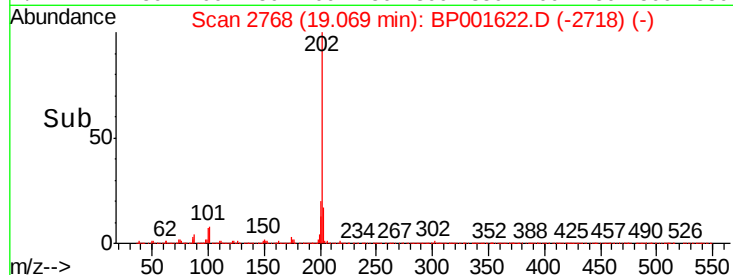
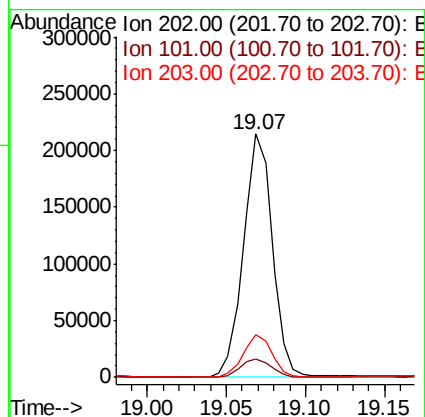
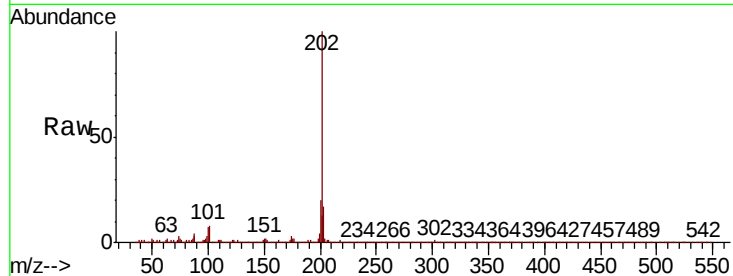
#75
Fluoranthene
Concen: 17.989 ng
RT: 19.07 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	0.0	28.4
203	17.4	0.0	37.4

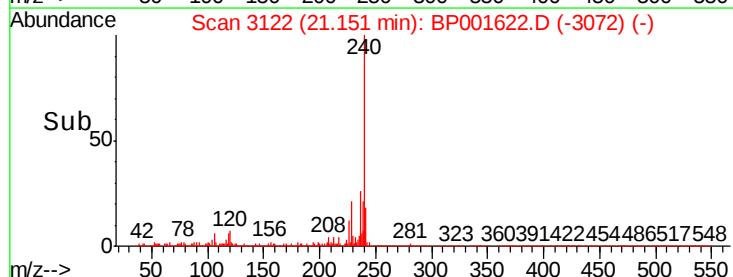
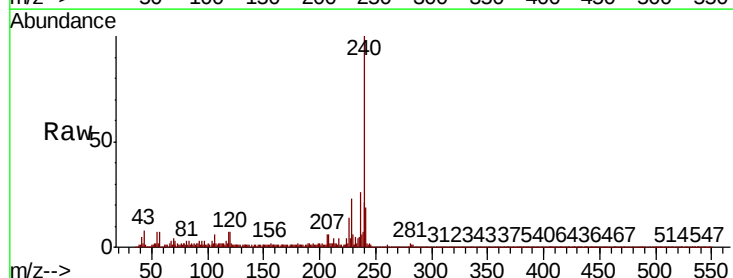
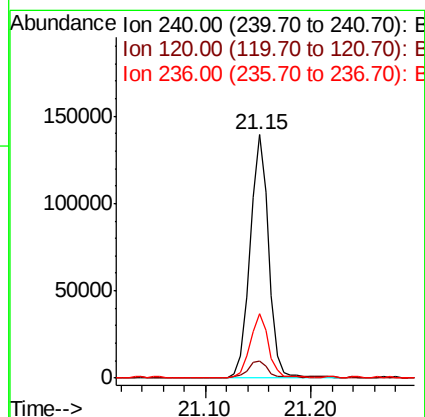
Manual Integrations
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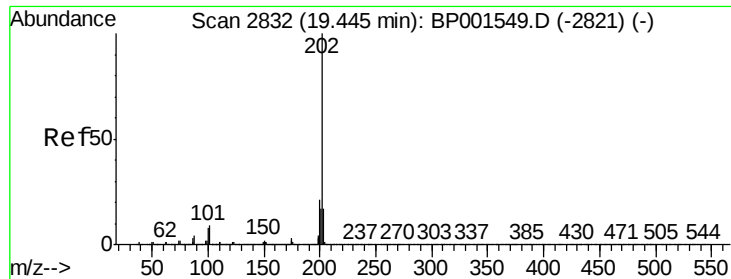
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	5.7	8.5
236	26.4	20.4	30.6





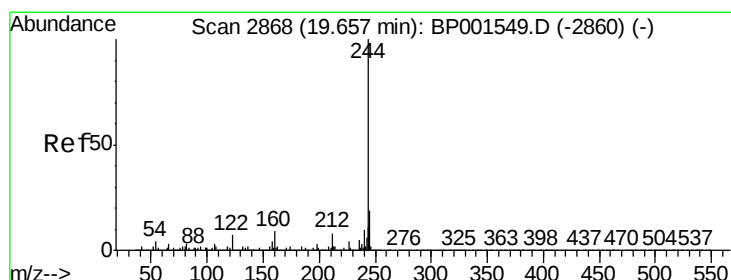
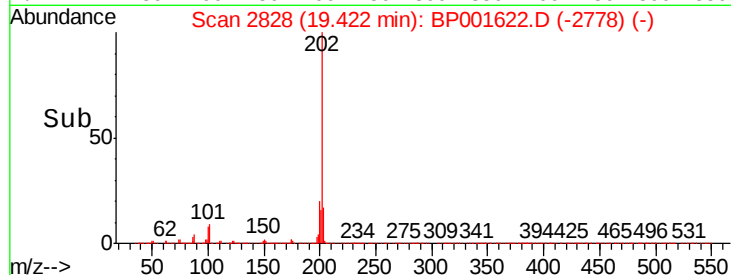
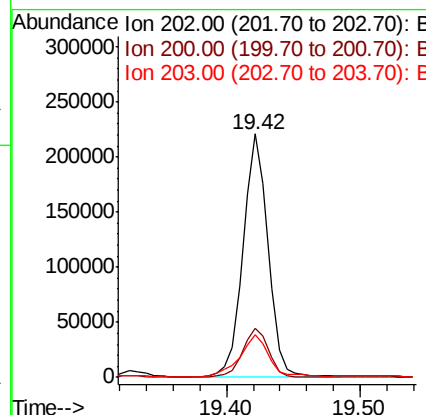
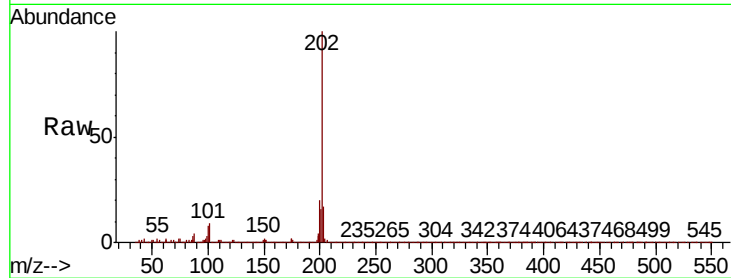
#78
Pvrene
Concen: 22.890 ng
RT: 19.42 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampled :
BW-1-3.0

Tot Ion:	202	Resp:	284000
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.0	25.6
203	17.5	13.7	20.5

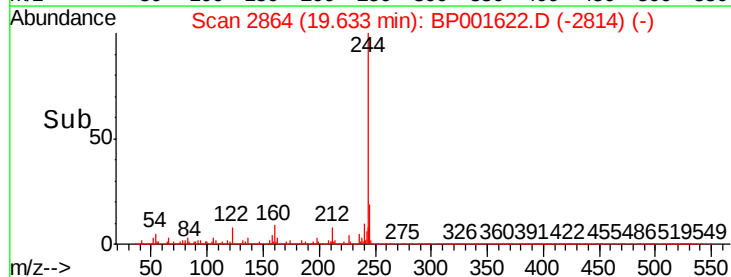
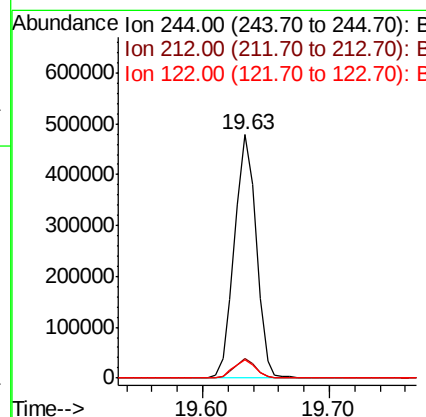
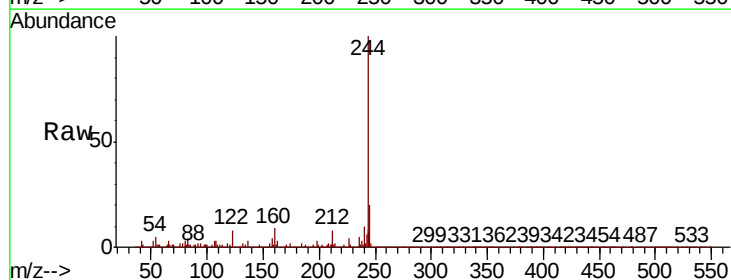
Manual Integrations
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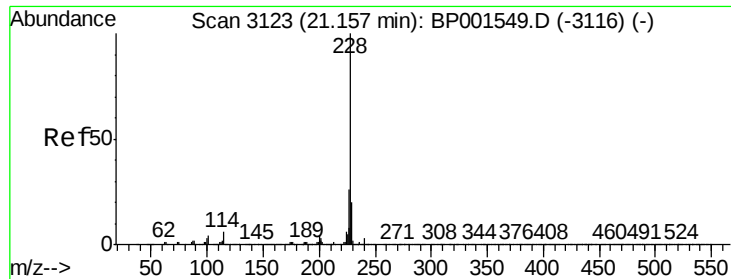
mohammad
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#79
Terphenyl-d14
Concen: 61.448 ng
RT: 19.63 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion:	244	Resp:	567431
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	7.7	5.8	8.6





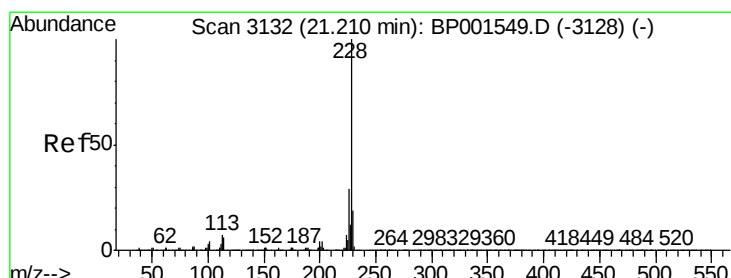
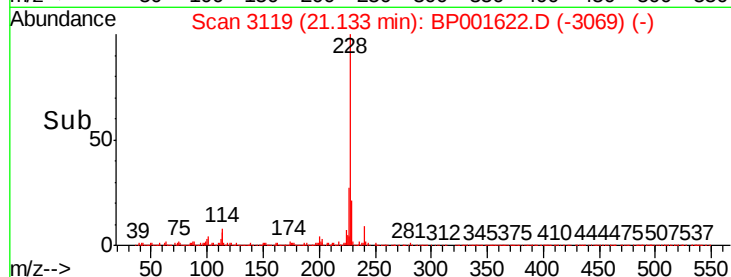
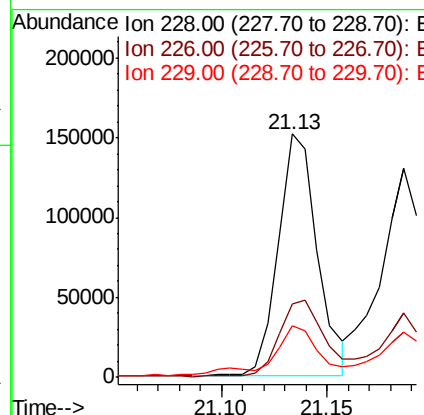
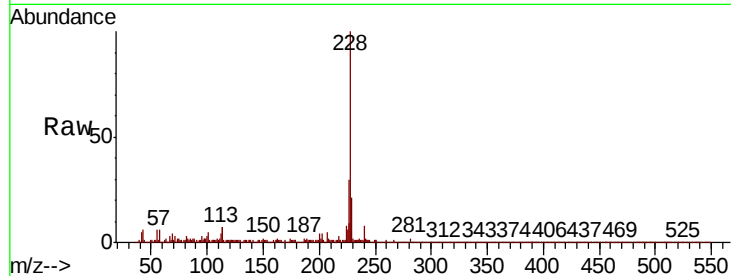
#81
Benzo(a)anthracene
Concen: 16.744 ng
RT: 21.13 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.2	31.8
229	21.3	16.1	24.1

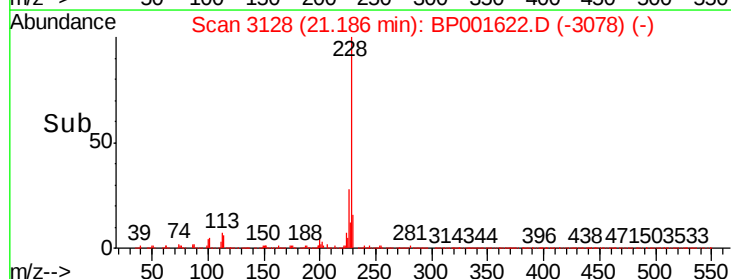
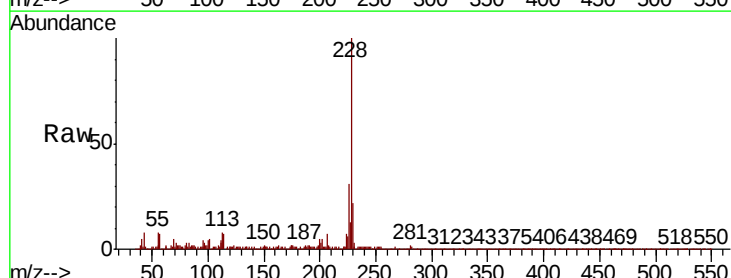
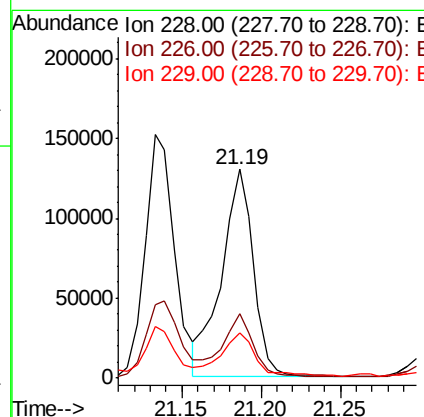
Manual Integrations
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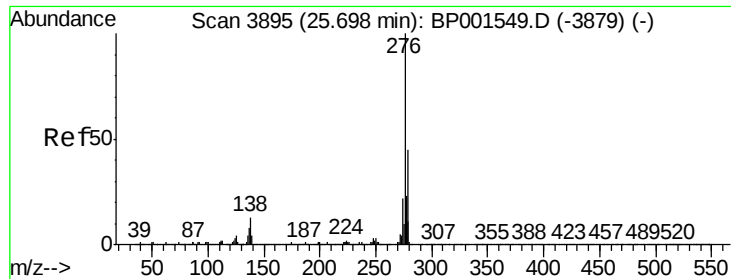
mohammad
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#83
Chrysene
Concen: 15.946 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.2	34.8
229	21.7	15.2	22.8





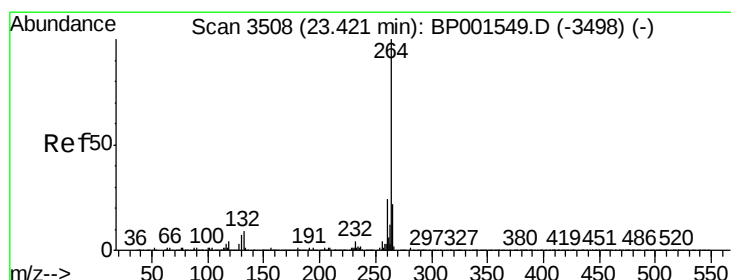
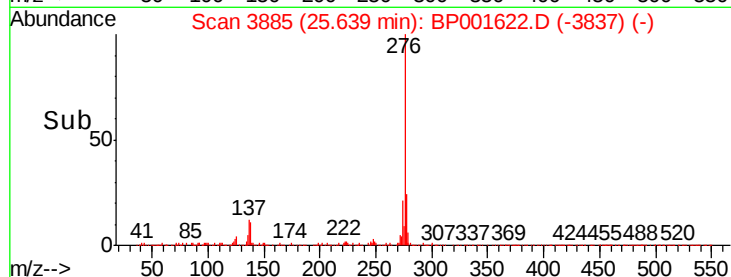
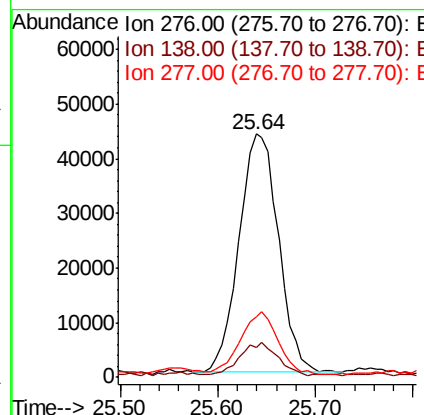
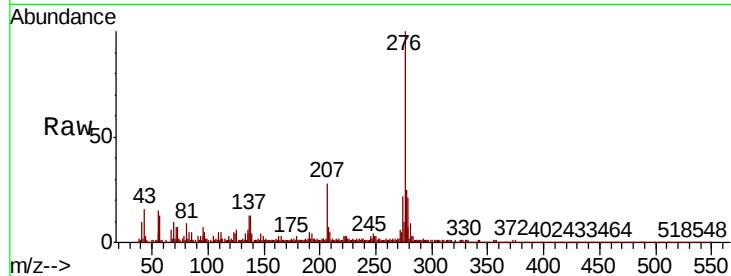
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.104 ng
RT: 25.64 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion:	276	Resp:	122169
Ion Ratio	Lower	Upper	
276	100		
138	13.1	11.1	16.7
277	25.5	20.4	30.6

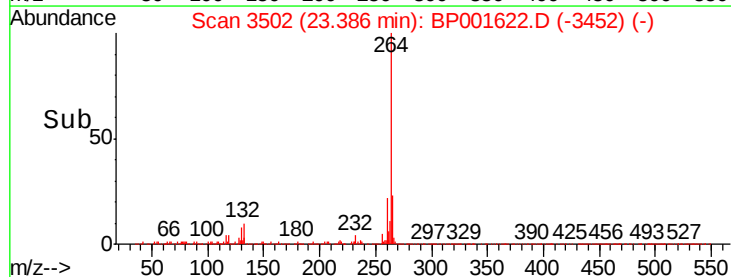
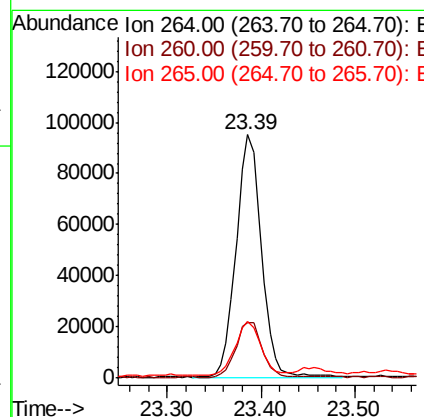
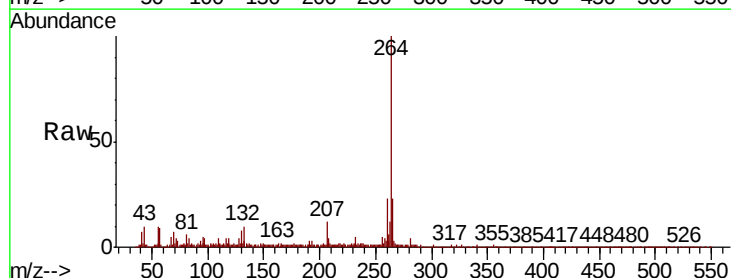
Manual Integrations
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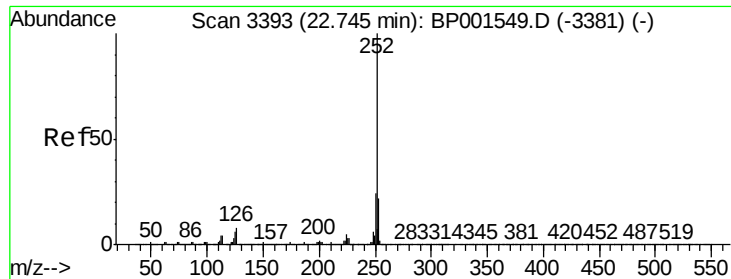
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion:	264	Resp:	177902
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.0	28.6
265	23.5	18.2	27.4





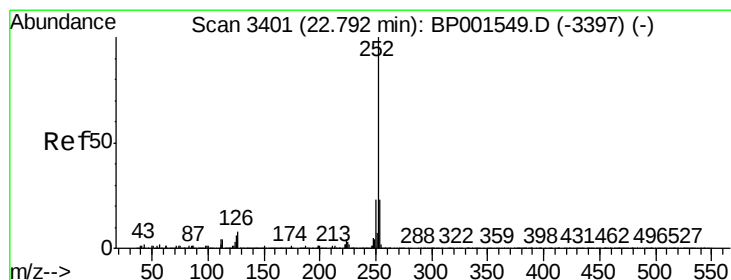
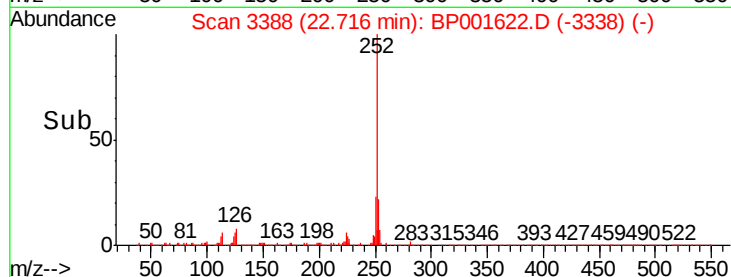
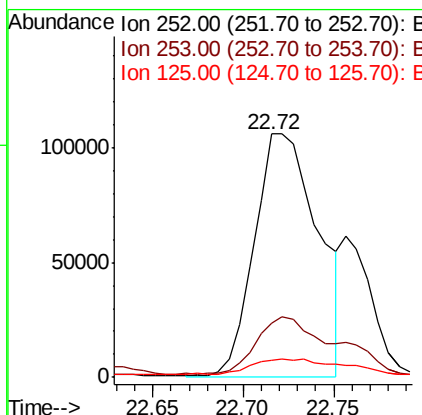
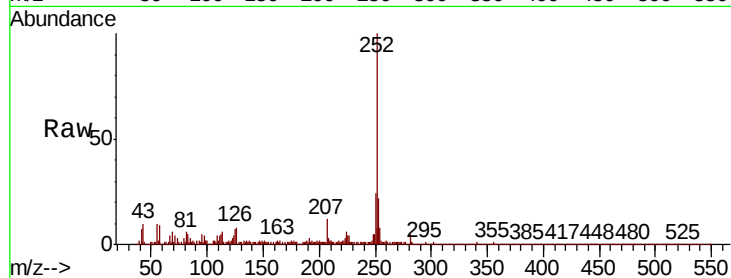
#88
Benzo(b)fluoranthene
Concen: 23.093 ng m
RT: 22.72 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	7.1	4.6	7.0

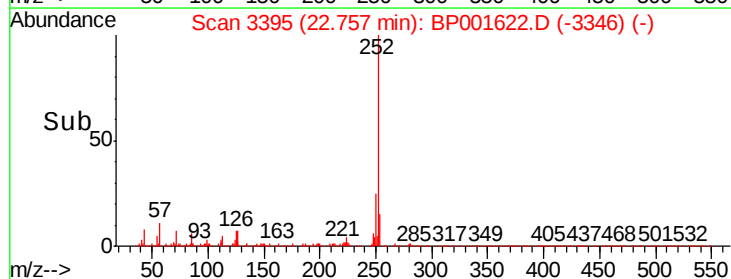
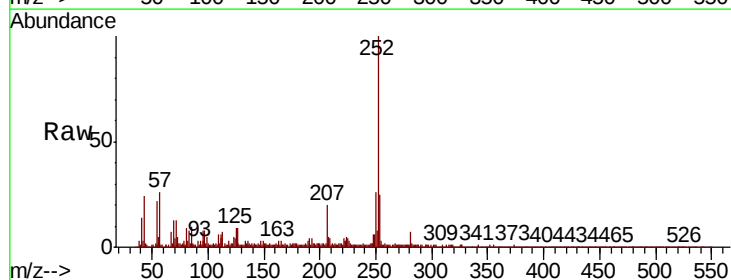
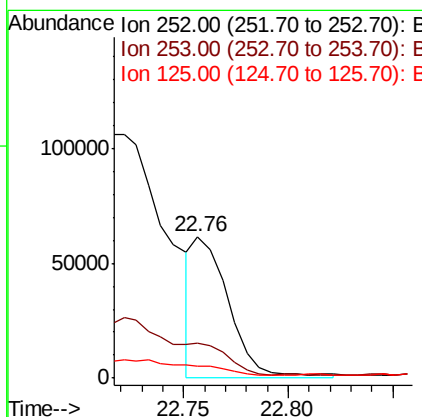
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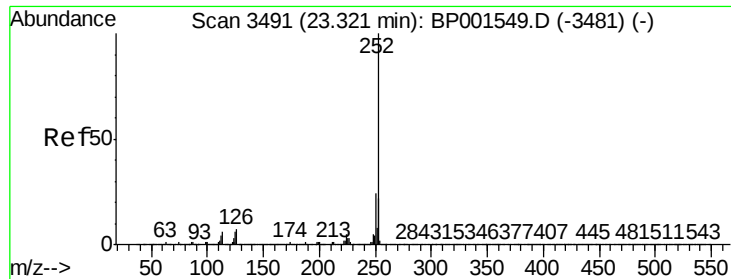
mohammad
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#89
Benzo(k)fluoranthene
Concen: 6.669 ng m
RT: 22.76 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	8.8	4.6	6.8





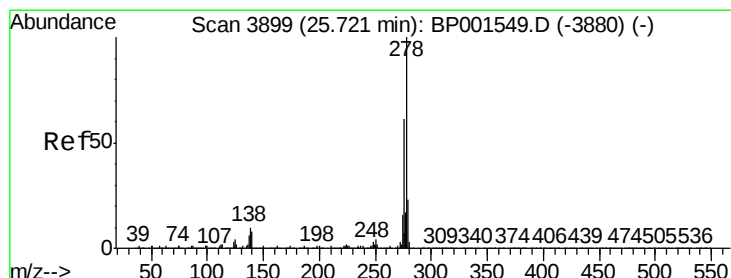
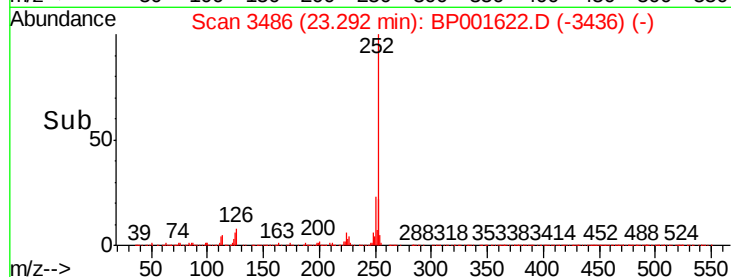
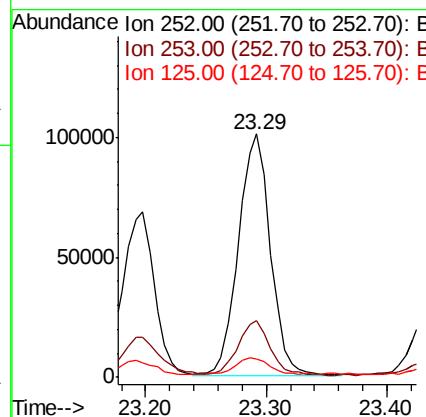
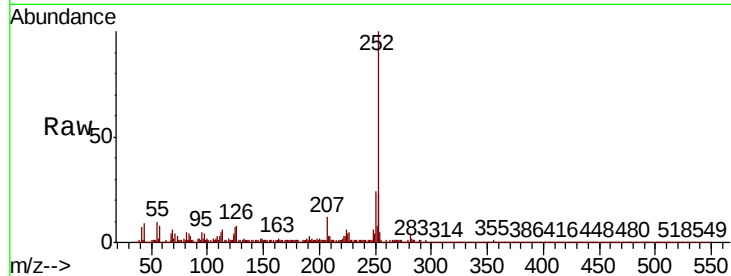
#90
Benzo(a)pyrene
Concen: 17.505 ng
RT: 23.29 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	7.5	5.0	7.4#

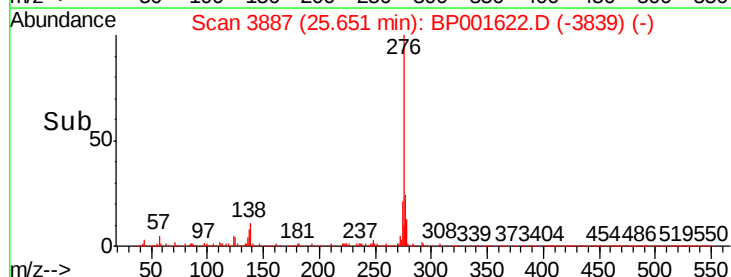
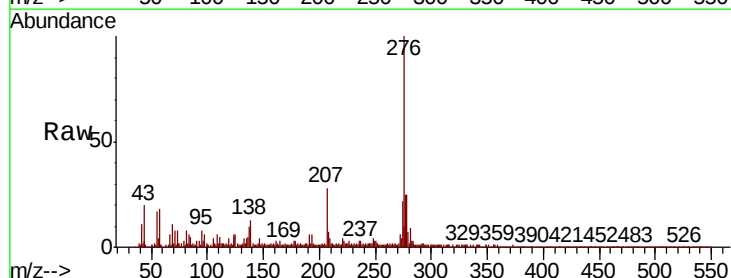
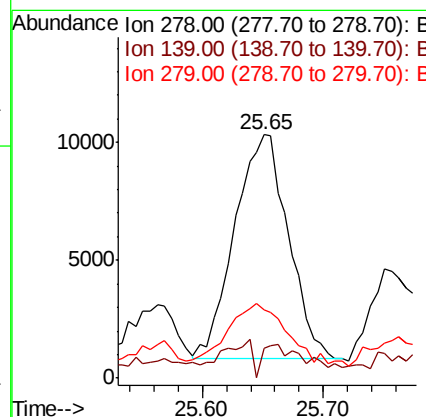
Manual Integrations
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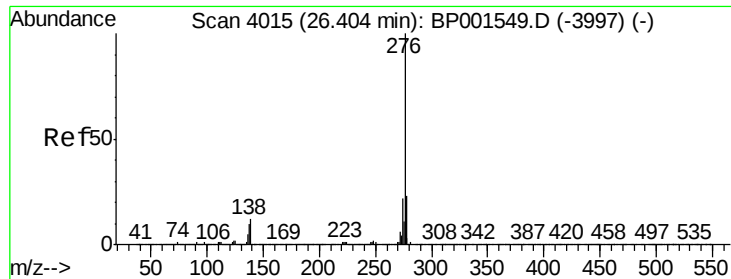
mohammad
1/16/2020 1:46:28 PM



#91
Dibenzo(a,h)anthracene
Concen: 2.662 ng
RT: 25.65 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BP001622.D
Acq: 15 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	6.7	10.1#
279	28.2	18.6	28.0#





#92
 Benzo(a,h,i)perylene
 Concen: 11.226 ng
 RT: 26.33 min Scan# 4003
 Delta R.T. -0.01 min
 Lab File: BP001622.D
 Acq: 15 Jan 2020 22:28

Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0

Tot Ion:	276	Resp:	122559
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	28.0
138	13.1	9.4	14.2

Manual Integrations
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