

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001664.D
 Acq On : 17 Jan 2020 19:01
 Operator : JU
 Sample : L1142-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Manual Integrations
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mohammad
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Quant Time: Jan 30 12:14:45 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	7.64	152	54458	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	197449	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	125858	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	222175	20.00	ng	0.00
76) Chrysene-d12	21.15	240	178753	20.00	ng	0.00
87) Perylene-d12	23.38	264	199033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	306858	110.38	ng	0.00
7) Phenol-d6	6.84	99	430266	96.84	ng	0.00
23) Nitrobenzene-d5	8.79	82	299141	66.20	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	113609	59.30	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	545334	63.71	ng	0.00
79) Terphenyl-d14	19.63	244	544157	55.68	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.86	94	13428	2.922	ng	74
31) Naphthalene	10.46	128	216685	20.794	ng	97
37) 2-Methylnaphthalene	12.08	142	50551	6.087	ng	94
38) 1-Methylnaphthalene	12.30	142	31930m	3.995	ng	
50) Dimethylphthalate	13.75	163	56070	5.409	ng	98
52) Acenaphthene	14.35	154	119543	16.697	ng	99
55) Dibenzofuran	14.69	168	149164	12.321	ng	97
58) Fluorene	15.34	166	166935	17.040	ng	99
71) Phenanthrene	17.09	178	1344737	111.296	ng	99
72) Anthracene	17.17	178	390786	33.223	ng	98
73) Carbazole	17.45	167	148914	13.485	ng	99
75) Fluoranthene	19.07	202	1299606	81.744	ng	99
78) Pyrene	19.43	202	1140700	86.872	ng	98
81) Benzo(a)anthracene	21.13	228	516353	41.477	ng	98
83) Chrysene	21.19	228	448028	36.929	ng	97
86) Indeno(1,2,3-cd)pyrene	25.64	276	274927	19.359	ng	100
88) Benzo(b)fluoranthene	22.72	252	561191	44.745	ng	# 99
89) Benzo(k)fluoranthene	22.76	252	190498m	15.578	ng	
90) Benzo(a)pyrene	23.29	252	454728	38.186	ng	# 98
91) Dibenzo(a,h)anthracene	25.64	278	71759m	5.840	ng	
92) Benzo(g,h,i)perylene	26.33	276	279146	22.854	ng	98

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

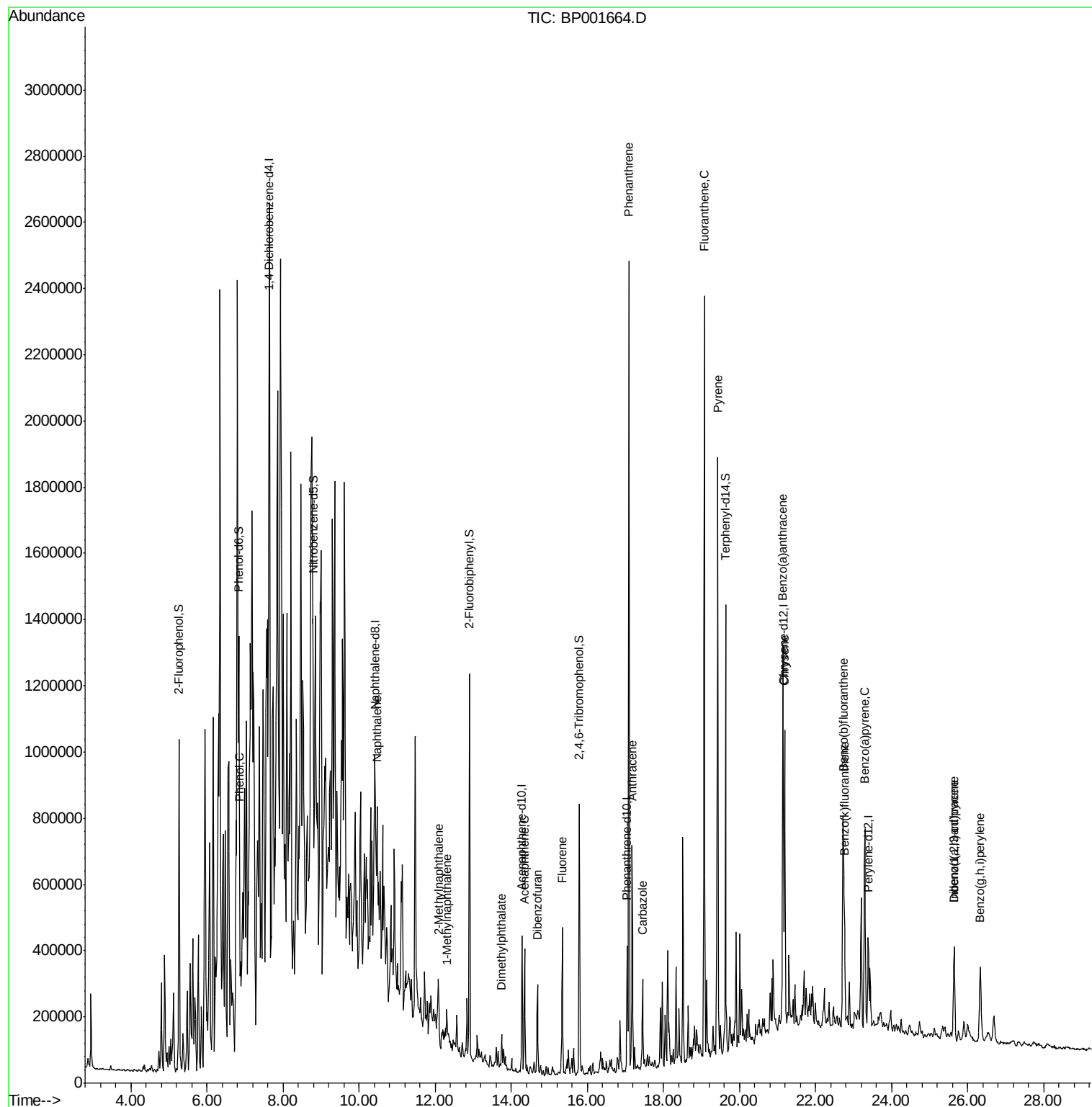
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001664.D
Acq On : 17 Jan 2020 19:01
Operator : JU
Sample : L1142-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

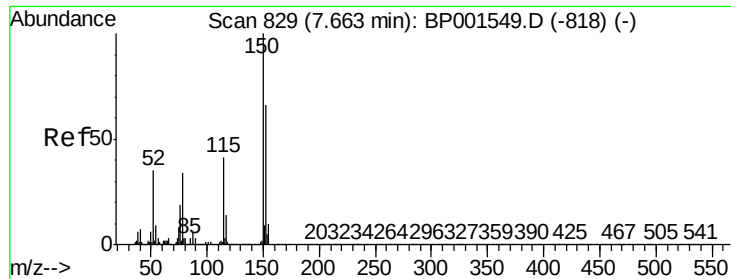
Instrument :
BNA_P
ClientSampled :
SS-1

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Quant Time: Jan 30 12:14:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





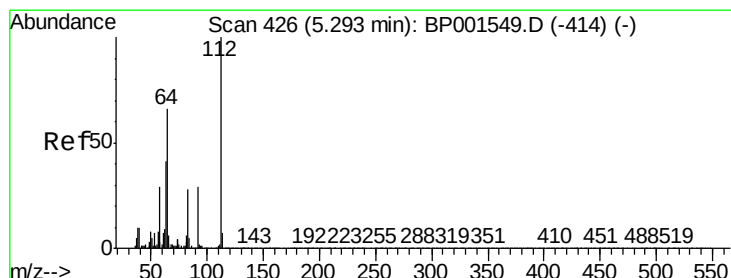
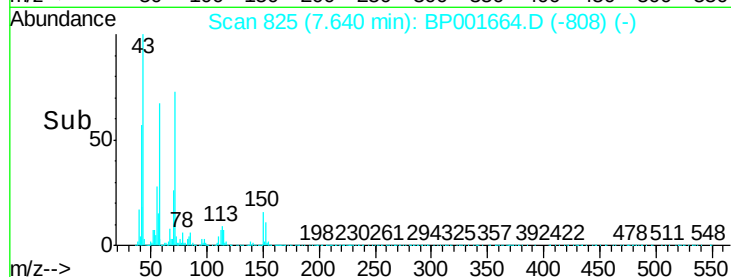
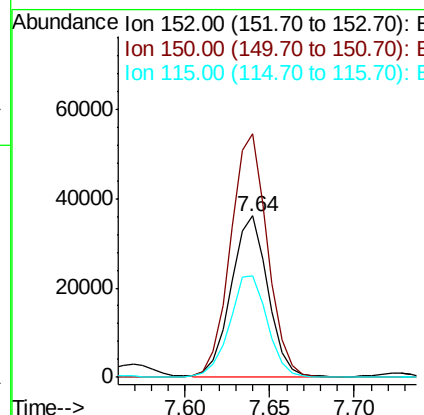
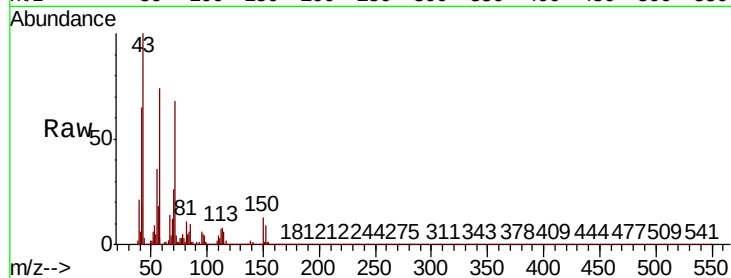
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.0	183.0
115	62.6	50.7	76.1

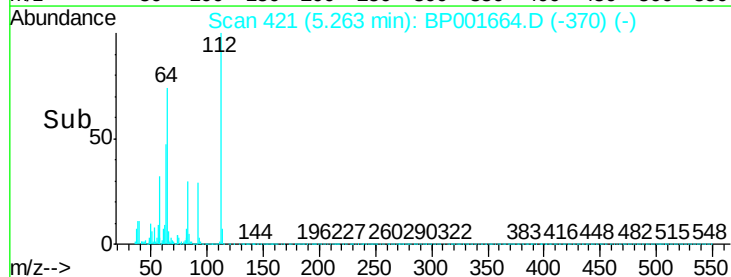
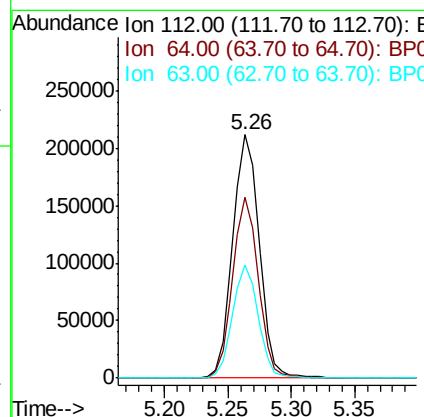
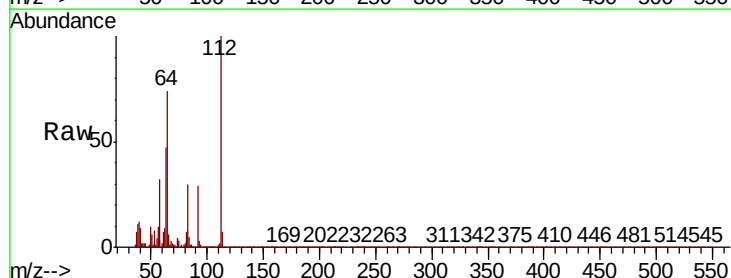
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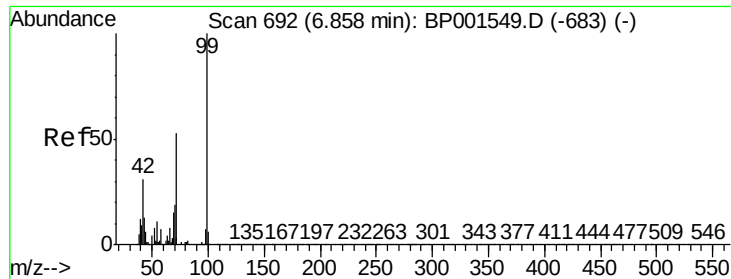
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#5
2-Fluorophenol
Concen: 110.379 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	52.8	79.2
63	46.5	33.1	49.7





#7

Phenol-d6

Concen: 96.841 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

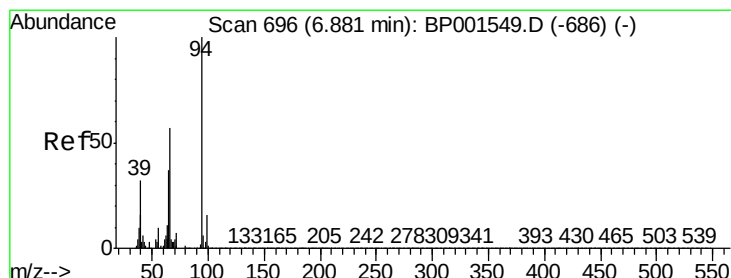
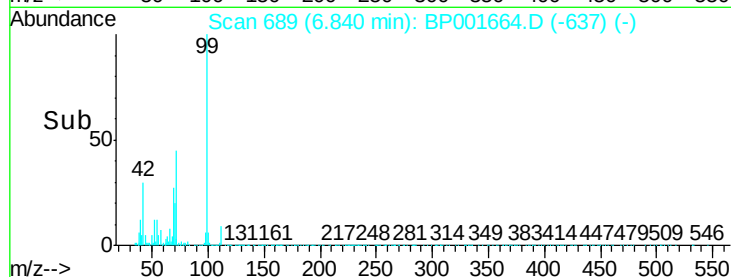
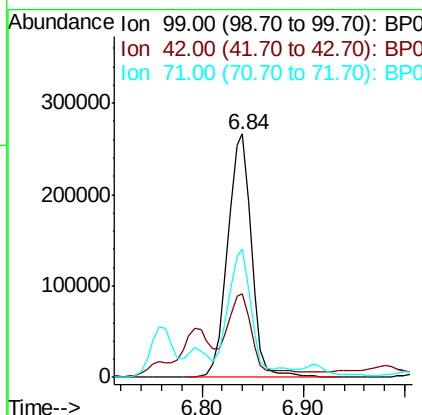
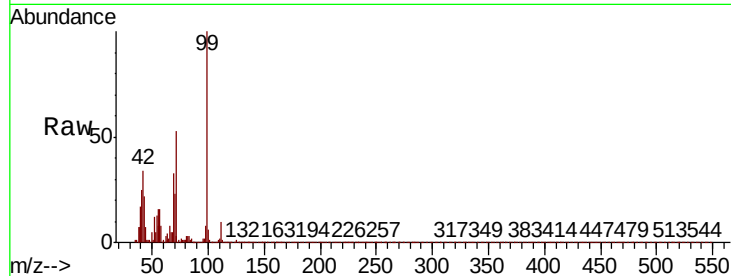
ClientSampled :

SS-1

Tot Ion:	99	Resp:	430266
Ion Ratio	Lower	Upper	
99	100		
42	34.2	24.5	36.7
71	53.0	42.4	63.6

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#10

Phenol

Concen: 2.922 ng

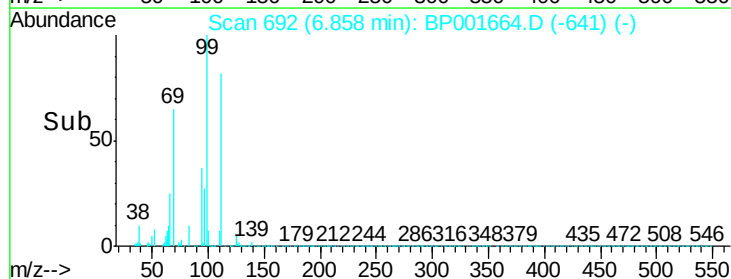
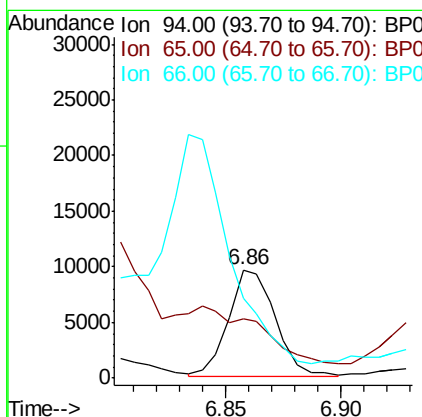
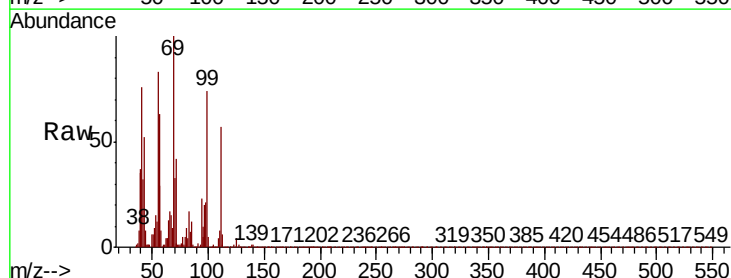
RT: 6.86 min Scan# 692

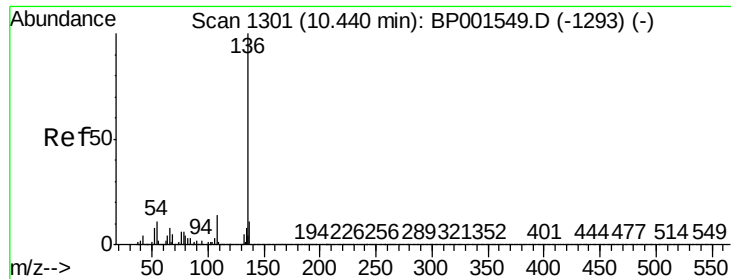
Delta R.T. -0.00 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Tgt Ion:	94	Resp:	13428
Ion Ratio	Lower	Upper	
94	100		
65	54.7	17.5	57.5
66	74.2	36.7	76.7





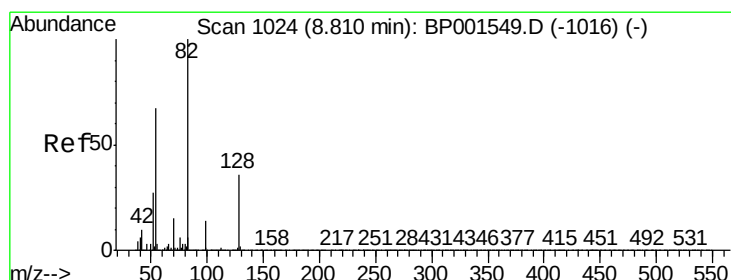
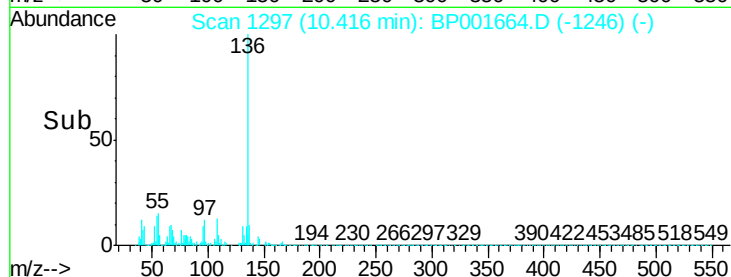
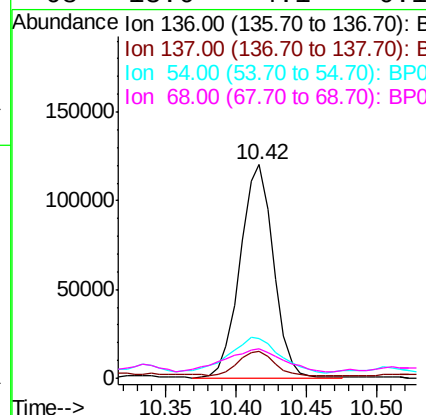
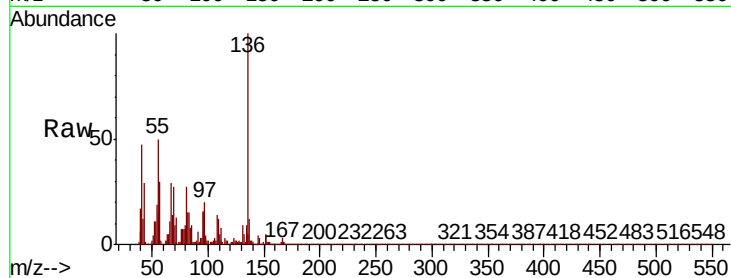
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampleId :
SS-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.3	8.6	12.8
54	18.8	9.2	13.8#
68	13.6	4.1	6.1#

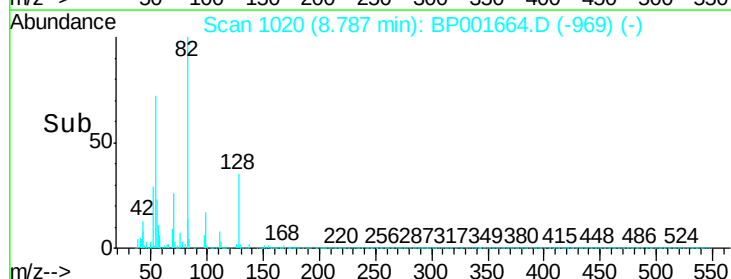
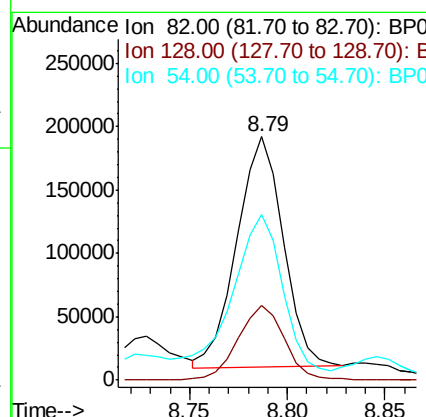
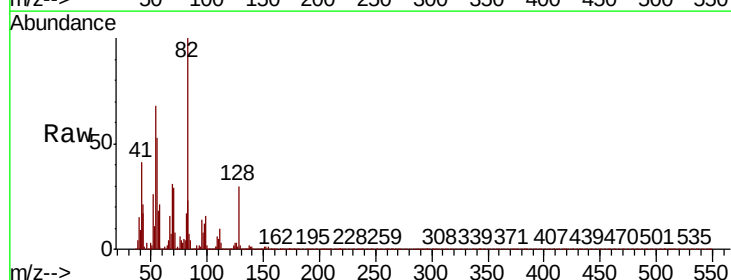
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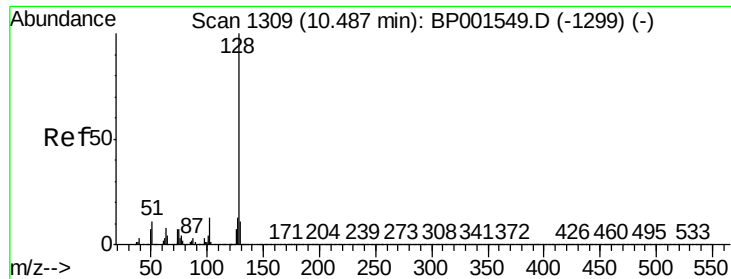
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#23
Nitrobenzene-d5
Concen: 66.203 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	30.5	28.4	42.6
54	67.7	53.4	80.2





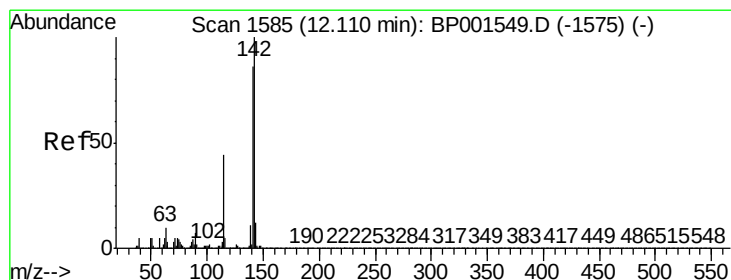
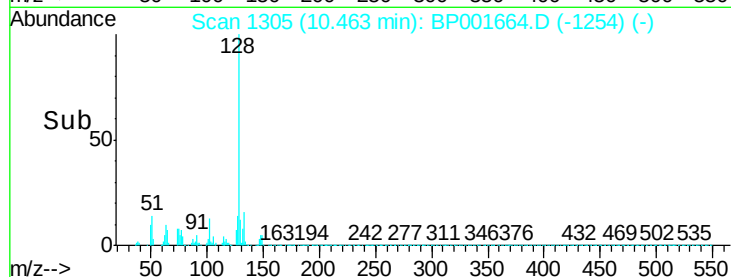
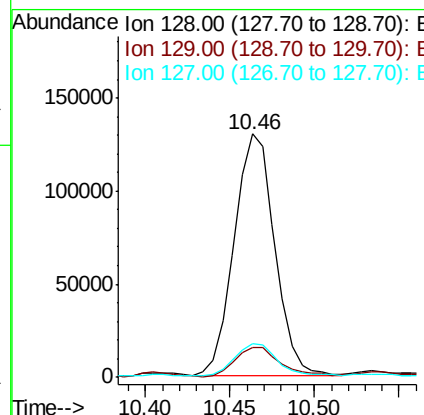
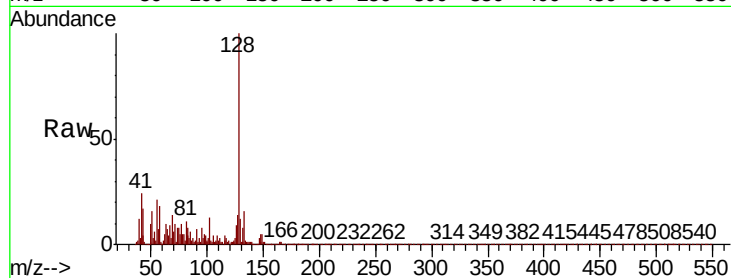
#31
Naphthalene
Concen: 20.794 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampleId :
SS-1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	216685		
129	12.4	8.9	13.3	
127	14.0	10.6	16.0	

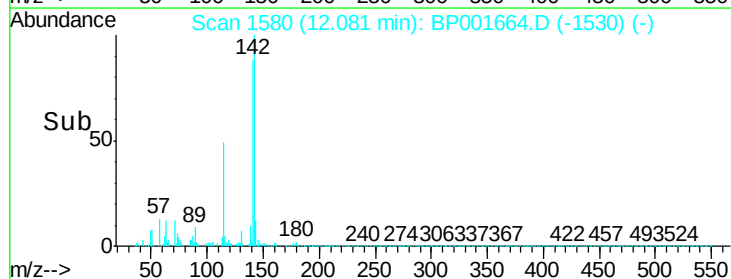
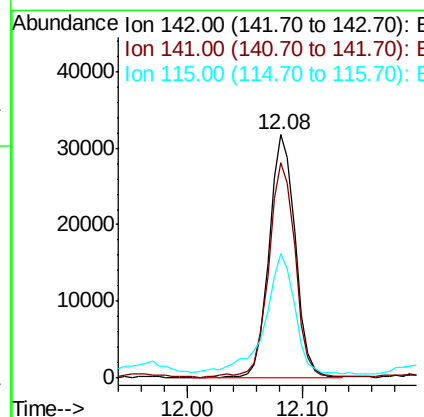
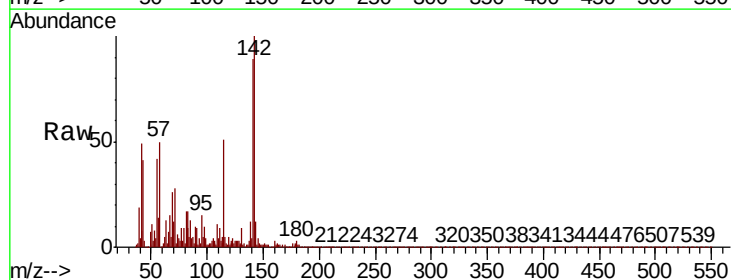
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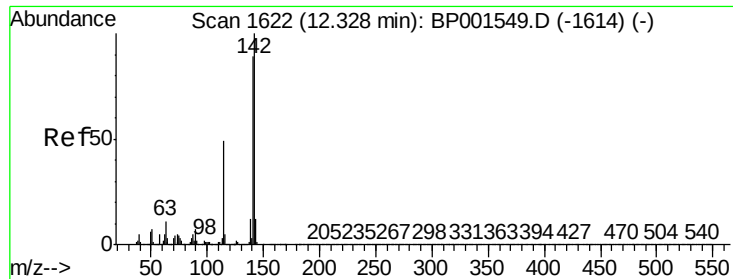
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#37
2-Methylnaphthalene
Concen: 6.087 ng
RT: 12.08 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	50551		
141	88.5	68.4	102.6	
115	51.0	35.1	52.7	





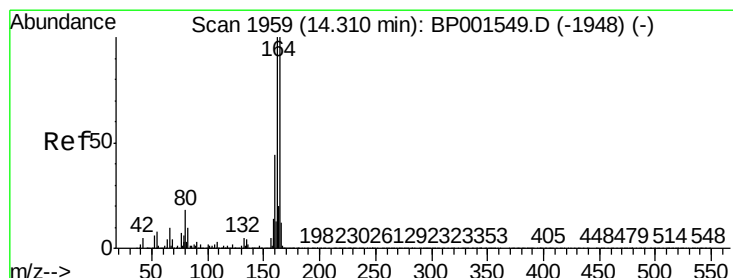
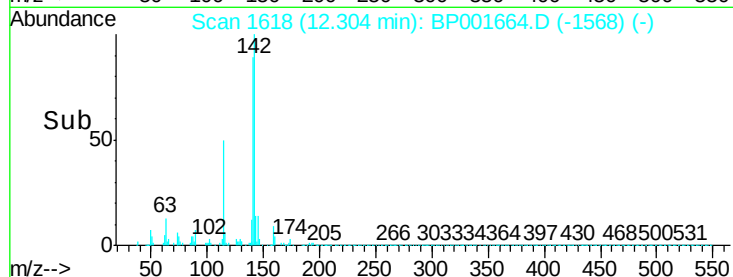
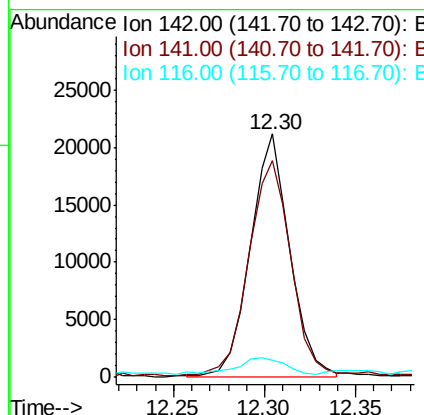
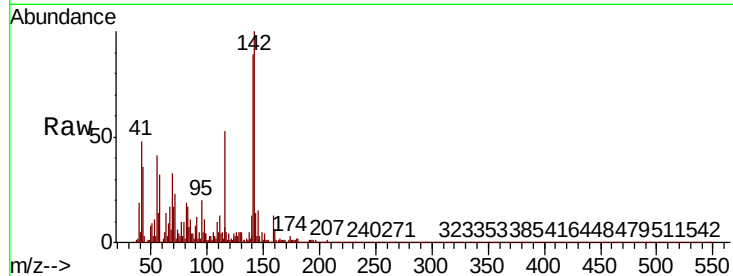
#38
1-Methylnaphthalene
Concen: 3.995 ng m
RT: 12.30 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
116	6.9	4.1	6.1

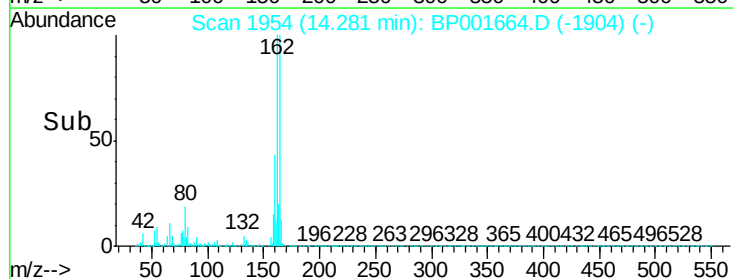
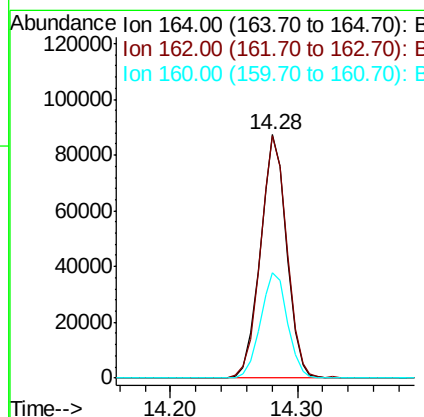
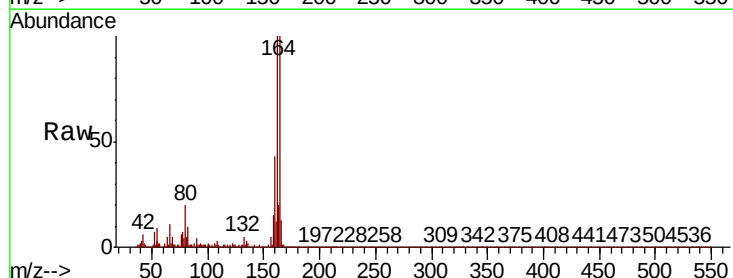
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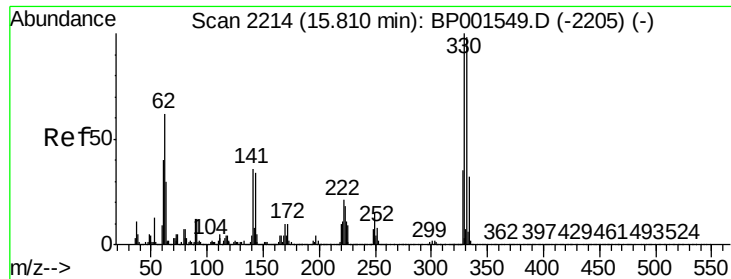
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.6
160	43.5	35.0	52.6





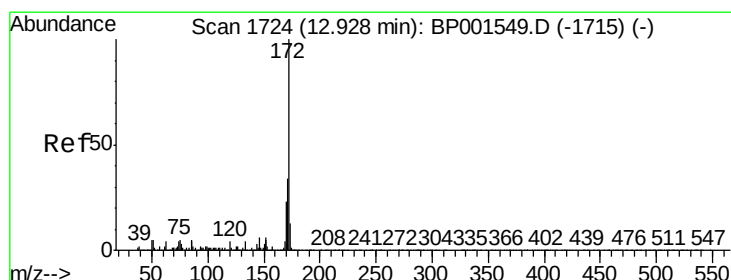
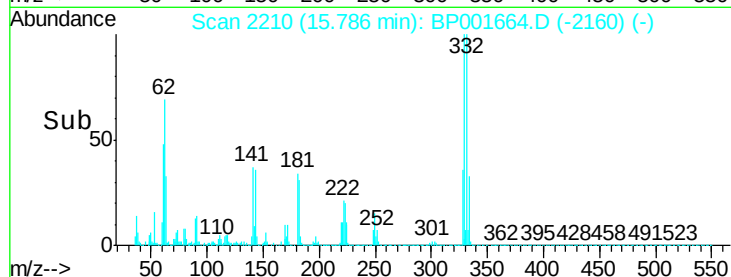
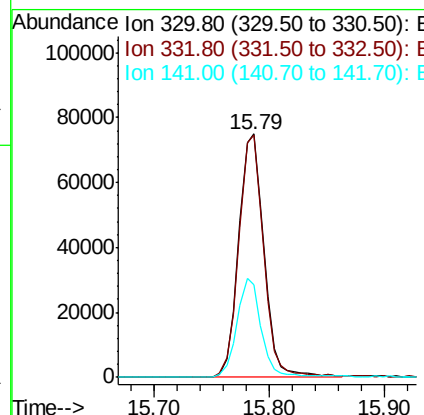
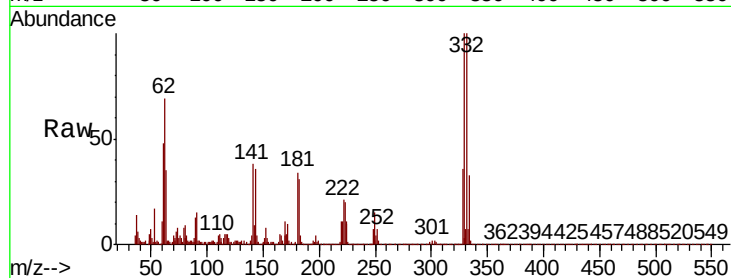
#42
2,4,6-Tribromophenol
Concen: 59.301 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	77.8	116.6	
141	38.3	28.7	43.1	

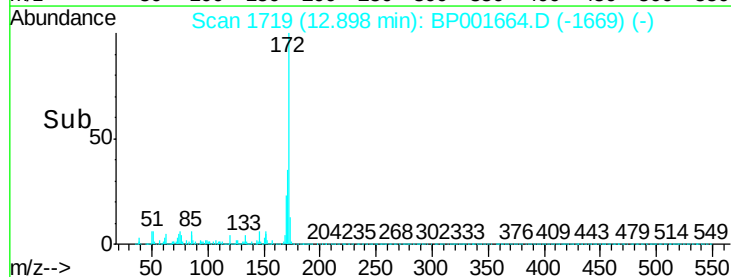
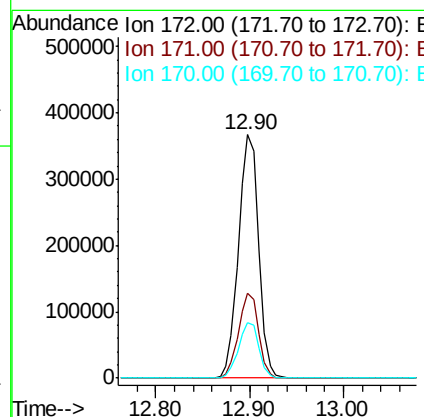
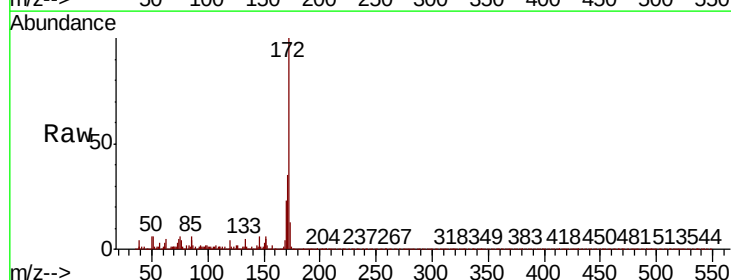
Manual Integrations
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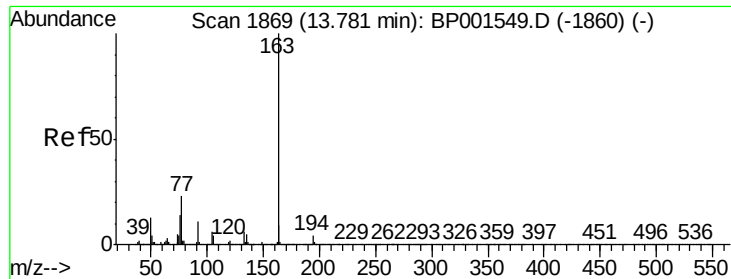
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#45
2-Fluorobiphenyl
Concen: 63.706 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	27.6	41.4	
170	22.8	18.3	27.5	





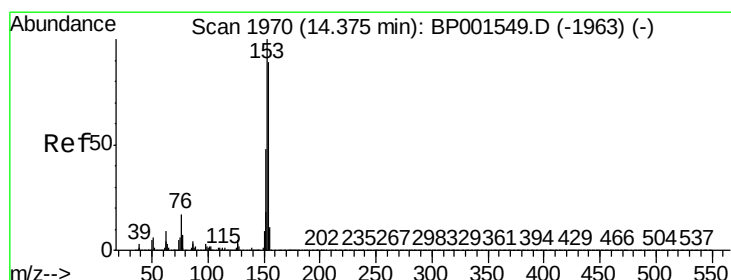
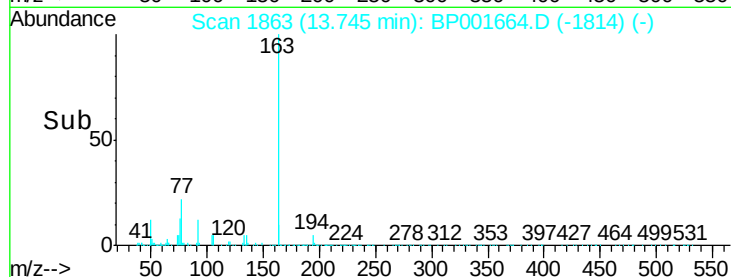
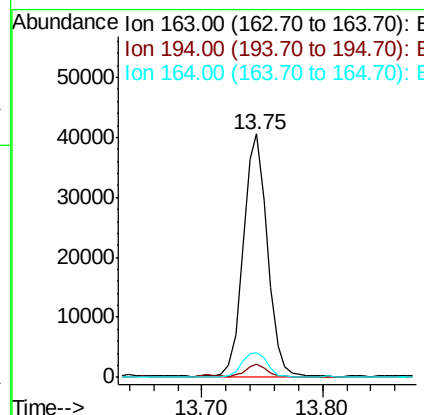
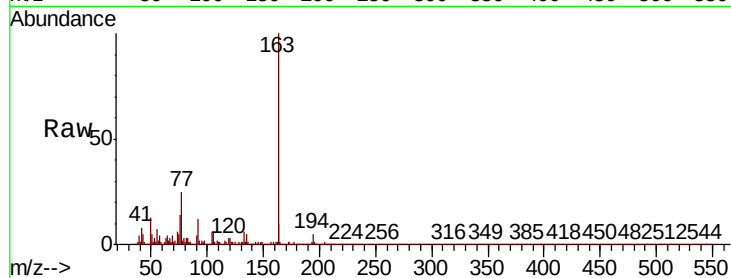
#50
Dimethylphthalate
Concen: 5.409 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.6	5.4
164	10.0	7.5	11.3

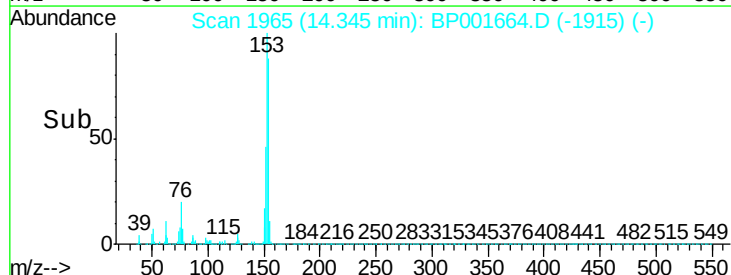
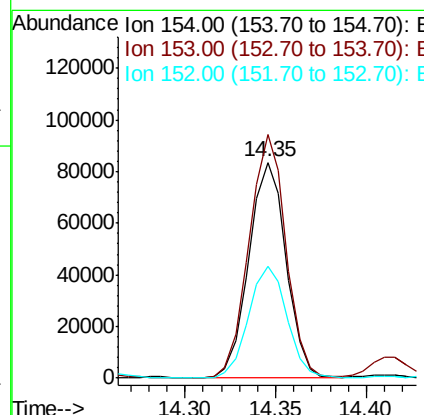
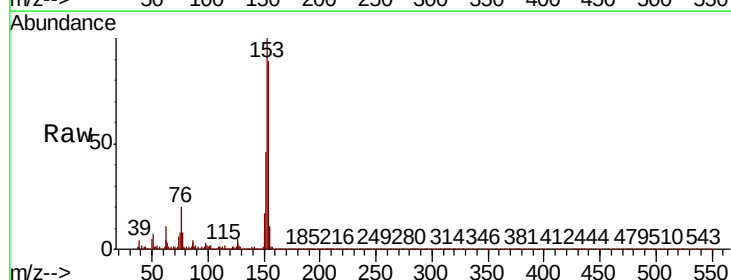
Manual Integrations
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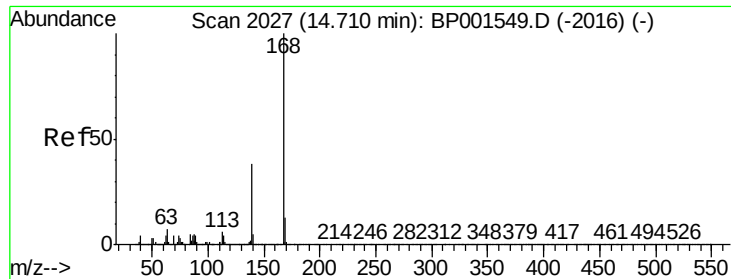
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#52
Acenaphthene
Concen: 16.697 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.2
152	51.7	42.6	64.0





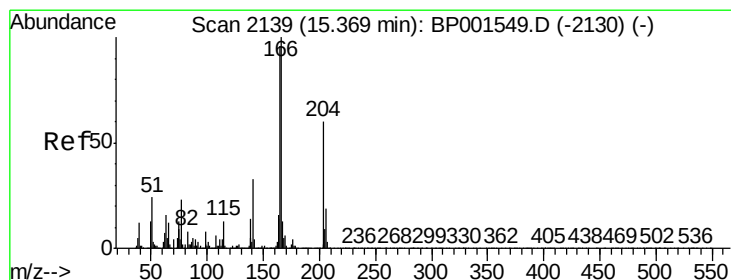
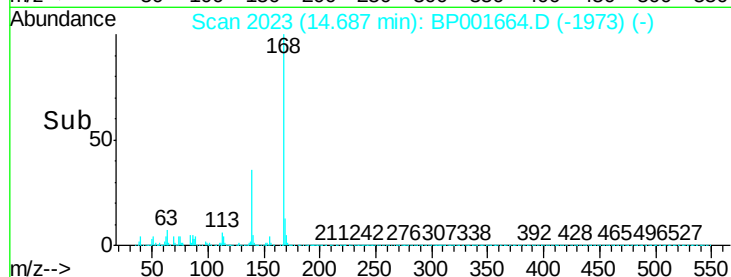
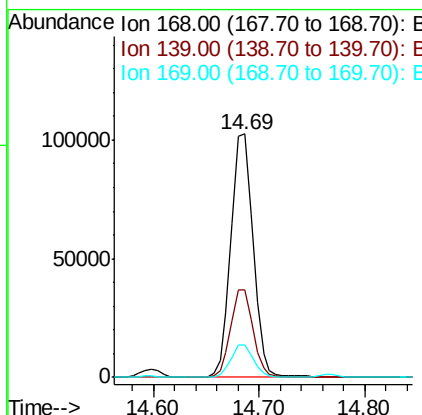
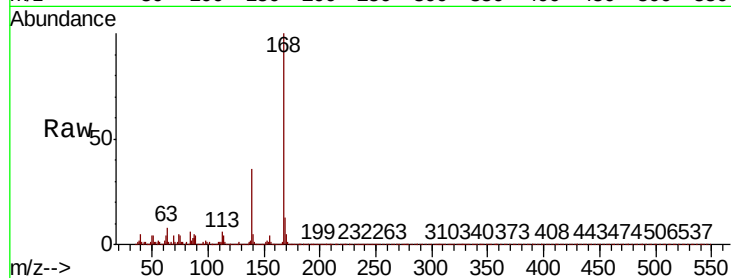
#55
Dibenzofuran
Concen: 12.321 ng
RT: 14.69 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.2	45.4
169	13.1	10.6	16.0

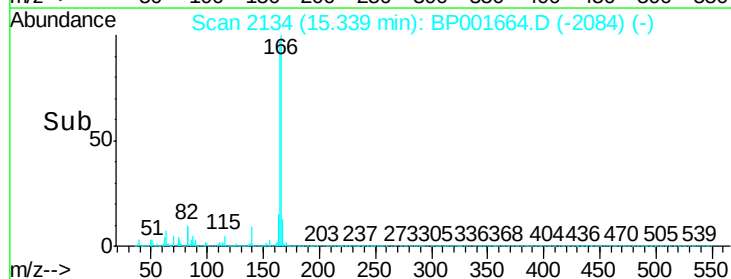
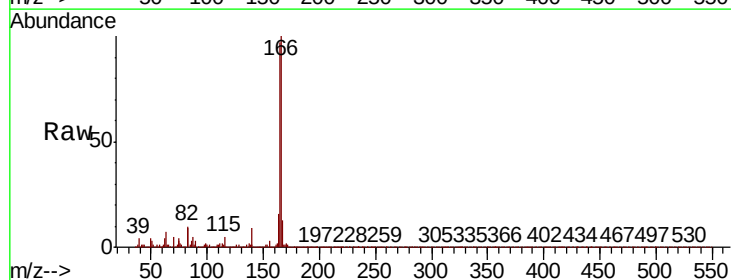
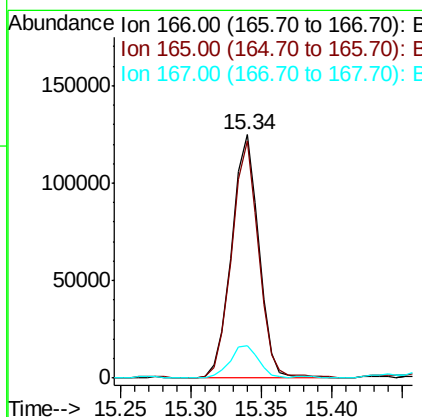
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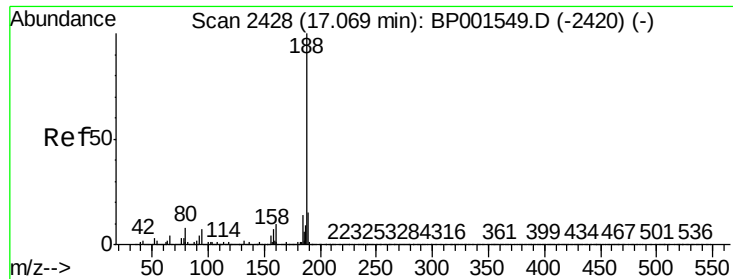
mohammad
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#58
Fluorene
Concen: 17.040 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.9	115.3
167	13.1	10.3	15.5





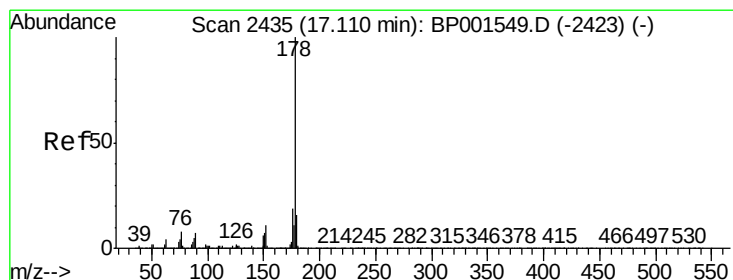
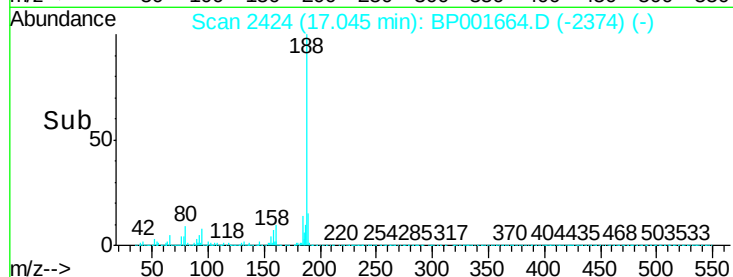
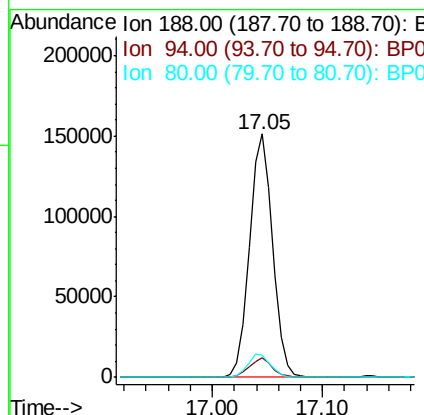
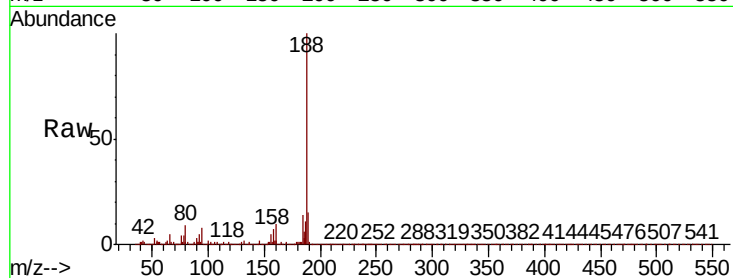
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	5.9	8.9
80	9.3	6.8	10.2

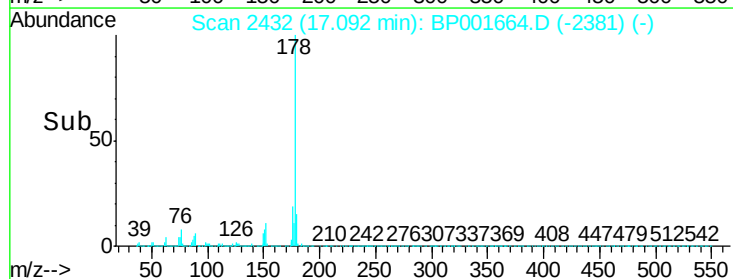
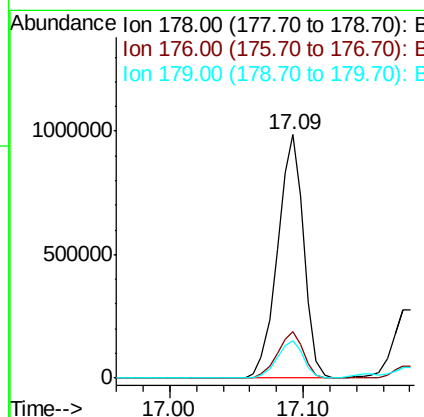
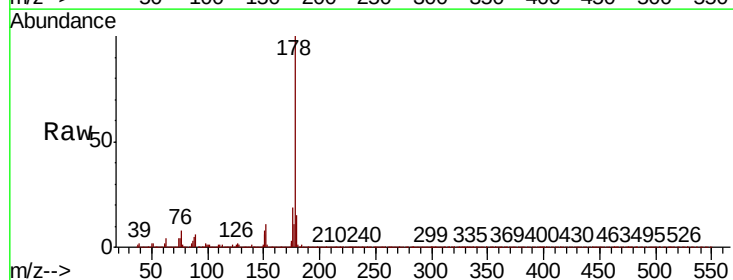
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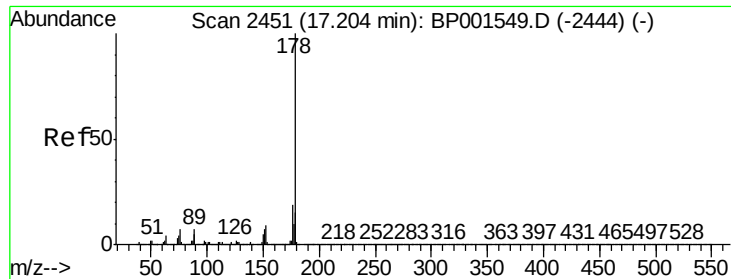
mohammad
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#71
Phenanthrene
Concen: 111.296 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.2	12.5	18.7





#72

Anthracene

Concen: 33.223 ng

RT: 17.17 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

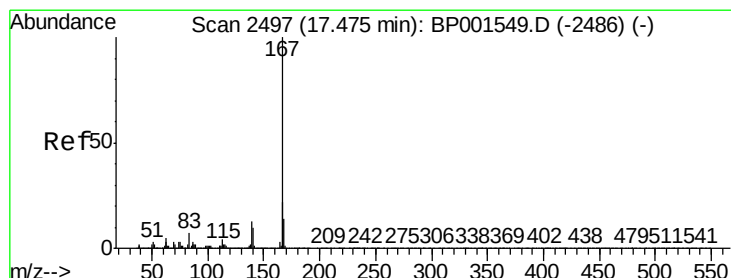
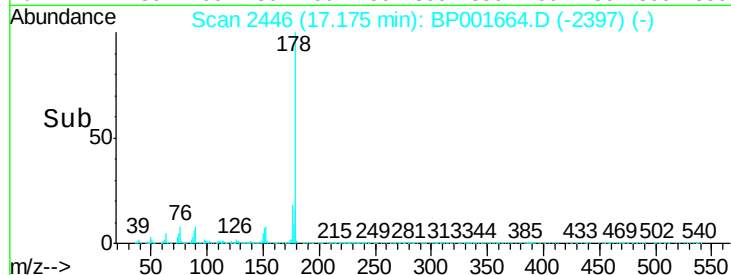
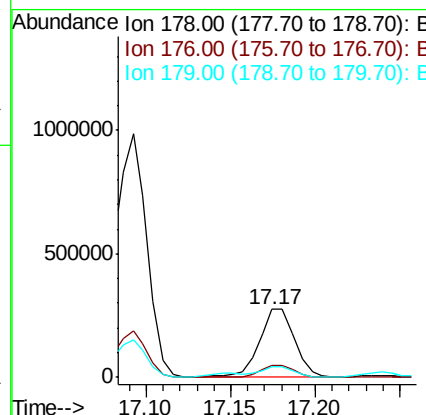
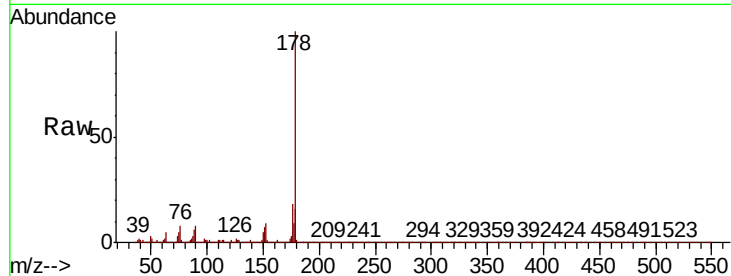
ClientSampled :

SS-1

Tot Ion:	178	Resp:	390786
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.0	22.6
179	15.8	11.8	17.8

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#73

Carbazole

Concen: 13.485 ng

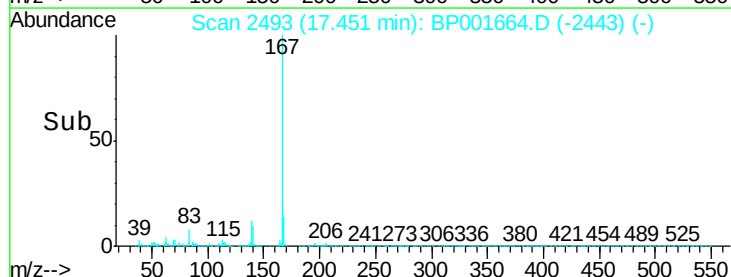
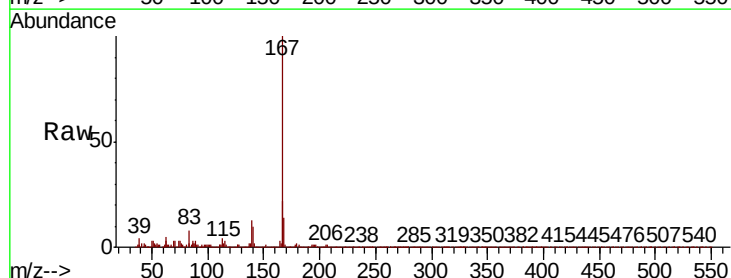
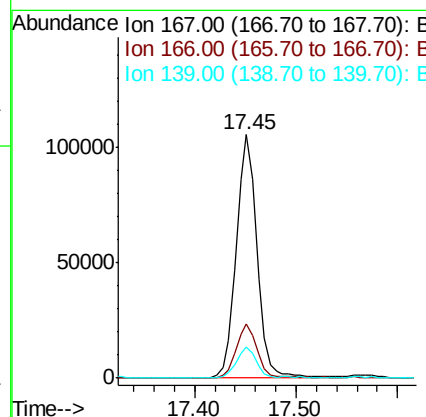
RT: 17.45 min Scan# 2493

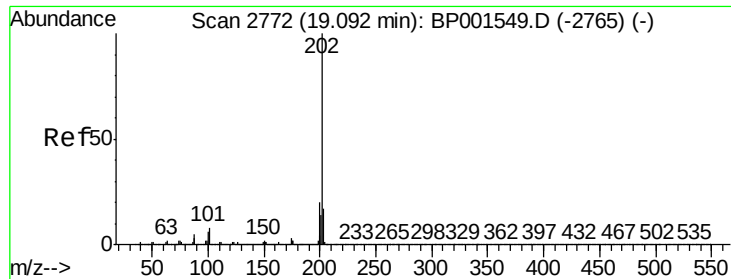
Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Tgt Ion:	167	Resp:	148914
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.2	25.8
139	12.7	10.0	15.0





#75

Fluoranthene

Concen: 81.744 ng

RT: 19.07 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

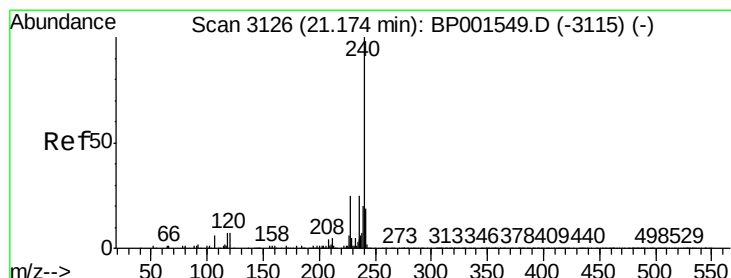
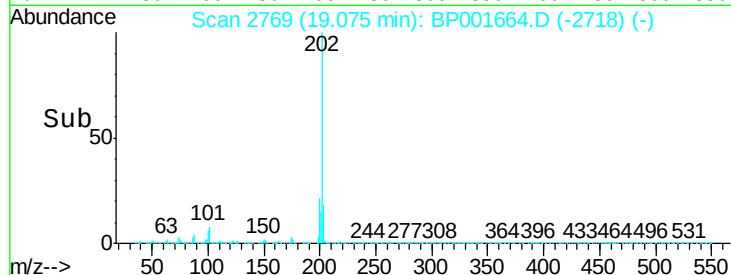
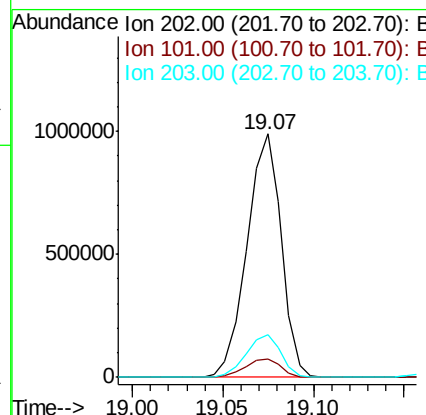
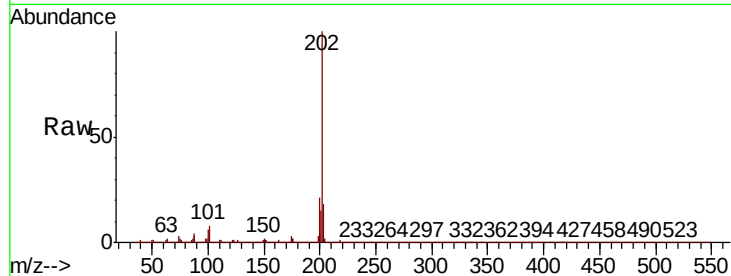
ClientSampled :

SS-1

Tot Ion:	202	Resp:	1299606
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	28.4
203	17.6	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

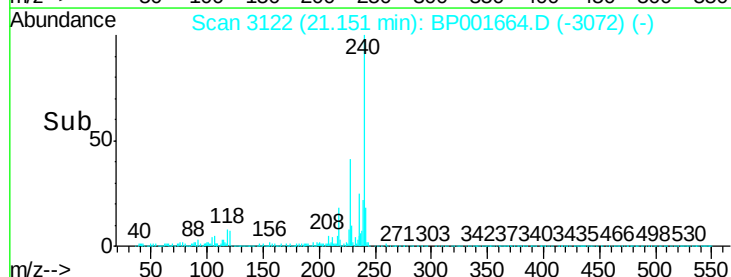
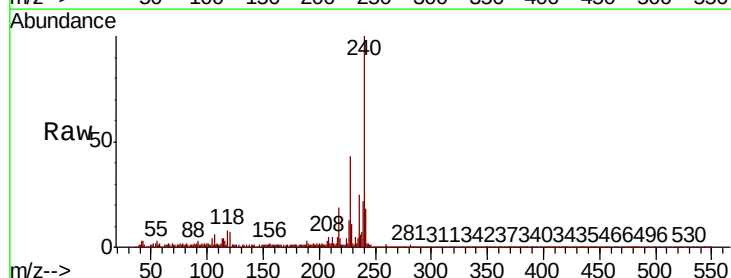
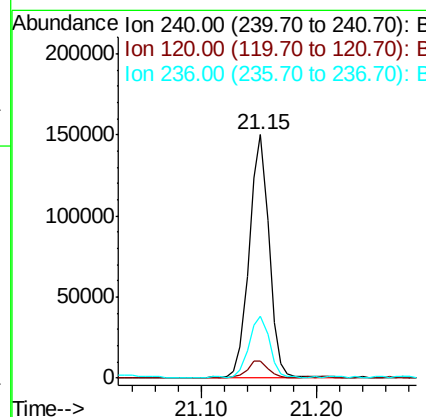
RT: 21.15 min Scan# 3122

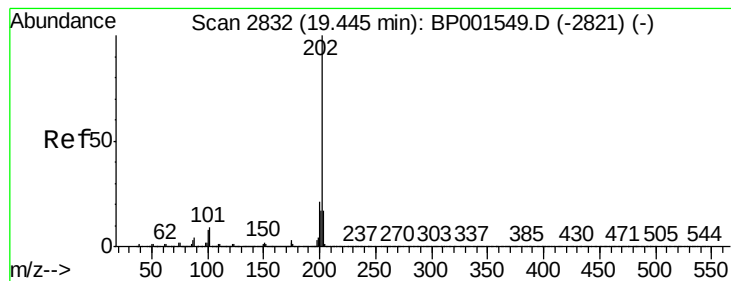
Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Tgt Ion:	240	Resp:	178753
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.7	8.5
236	25.1	20.4	30.6





#78

Pvrene

Concen: 86.872 ng

RT: 19.43 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

ClientSampleId :

SS-1

Tot Ion:202 Resp: 1140700

Ion Ratio Lower Upper

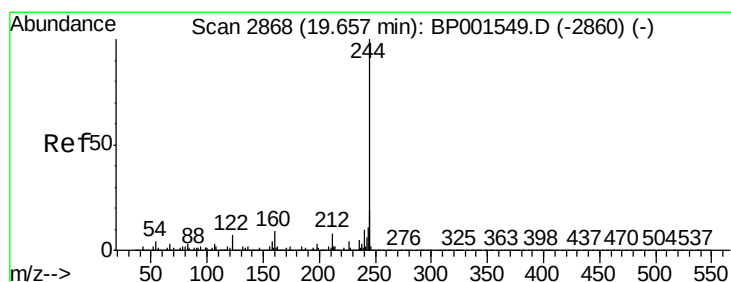
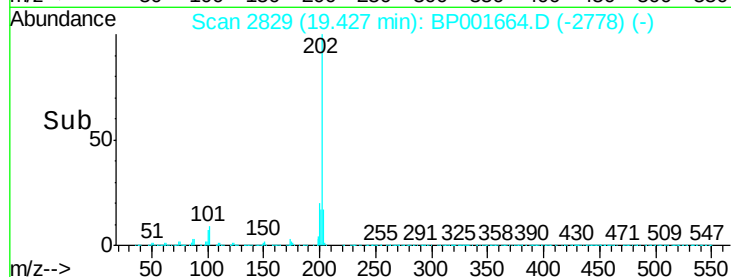
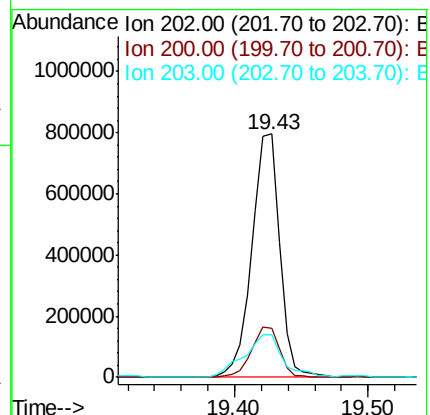
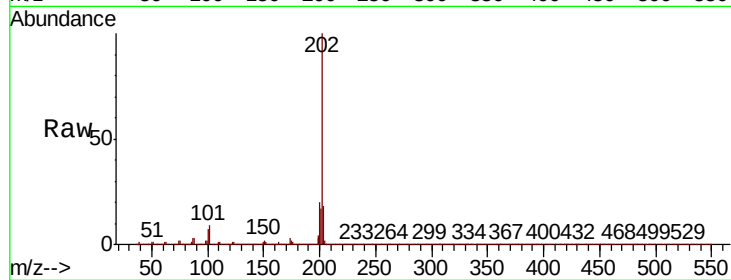
202 100

200 20.4 17.0 25.6

203 17.6 13.7 20.5

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#79

Terphenyl-d14

Concen: 55.679 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

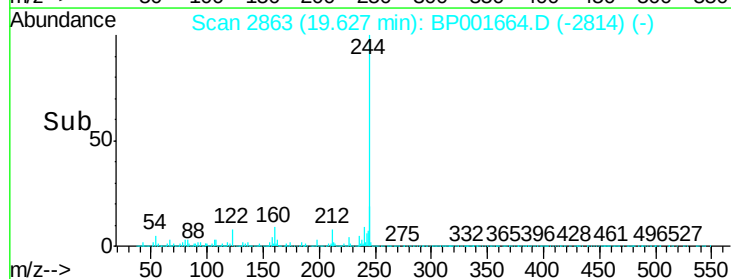
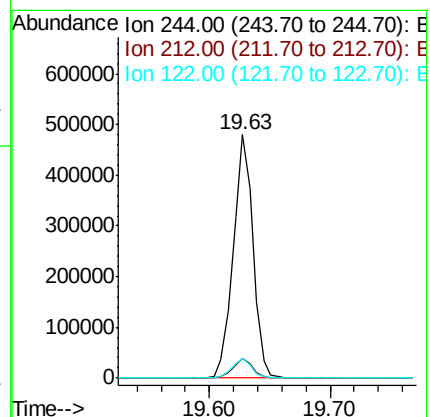
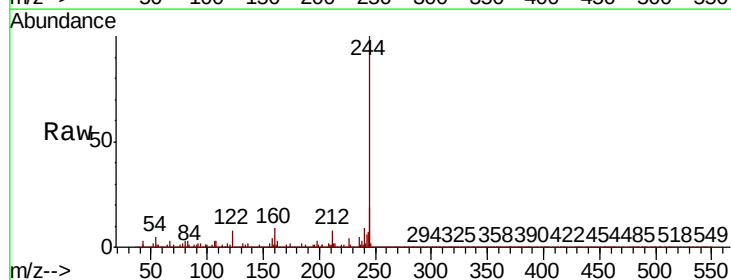
Tgt Ion:244 Resp: 544157

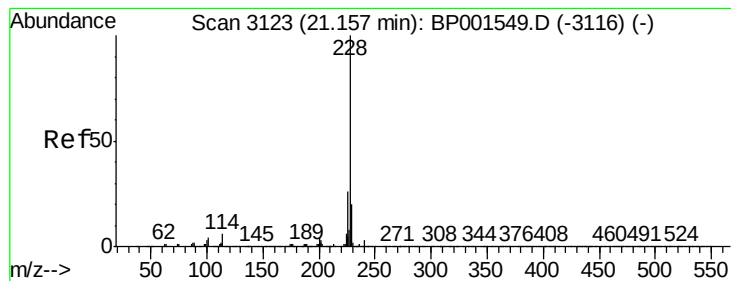
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.0 5.8 8.6





#81

Benzo(a)anthracene

Concen: 41.477 ng

RT: 21.13 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

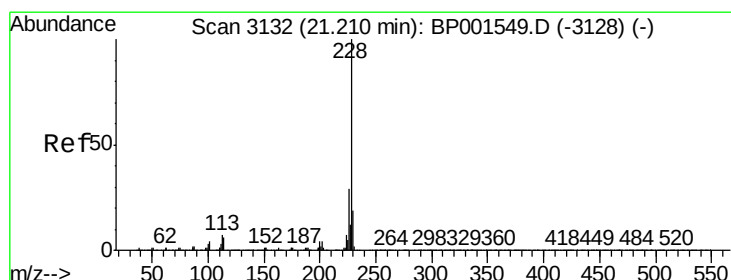
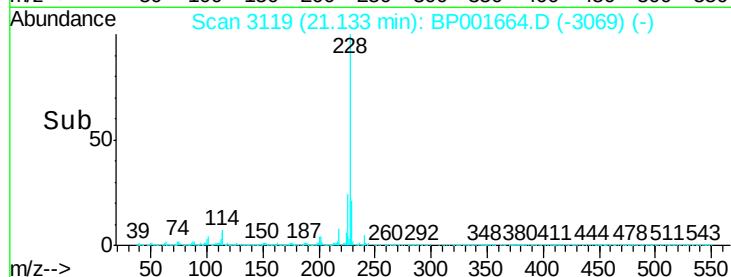
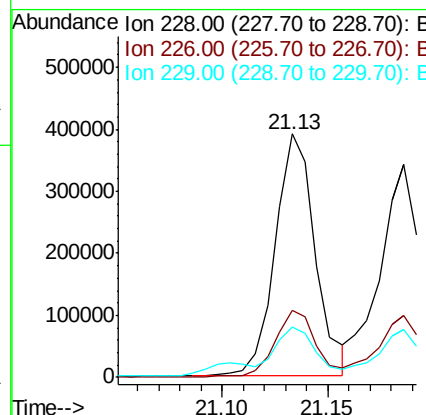
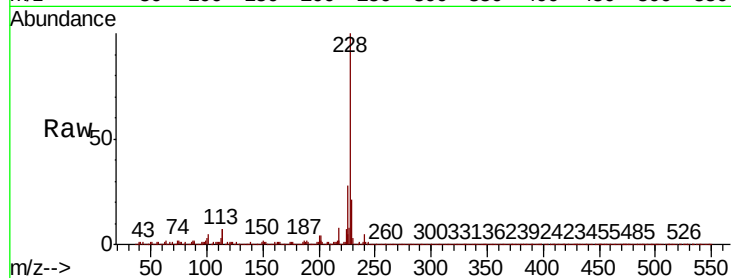
ClientSampled :

SS-1

Tot Ion:	228	Resp:	516353
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.2	31.8
229	20.8	16.1	24.1

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#83

Chrysene

Concen: 36.929 ng

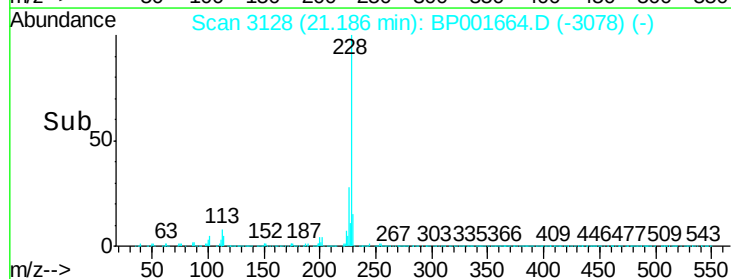
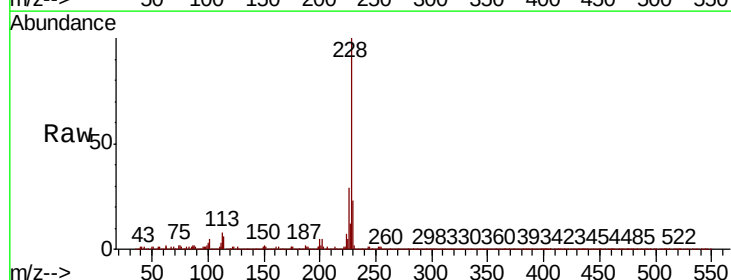
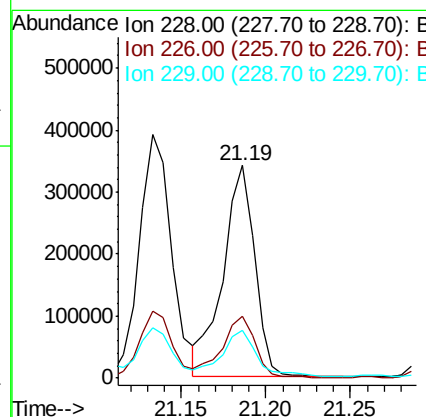
RT: 21.19 min Scan# 3128

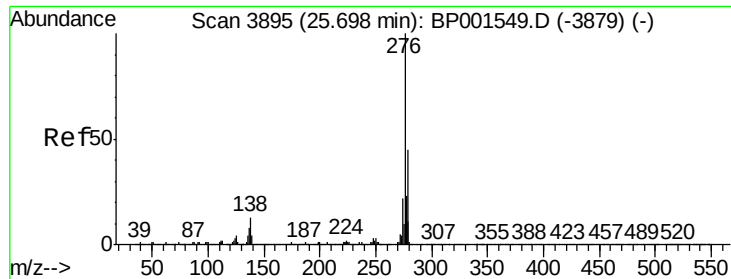
Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Tgt Ion:	228	Resp:	448028
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.2	34.8
229	22.8	15.2	22.8





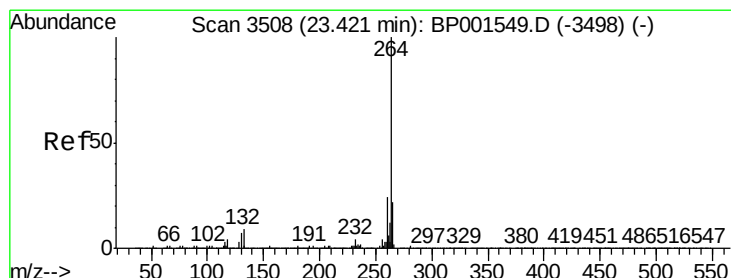
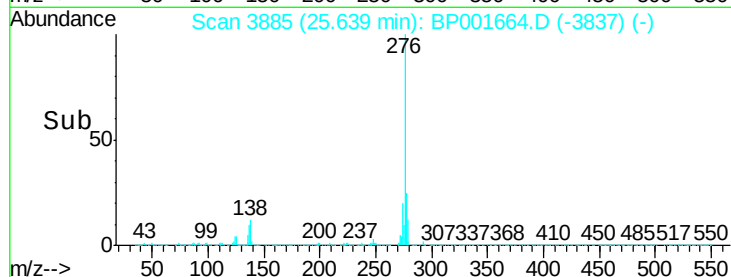
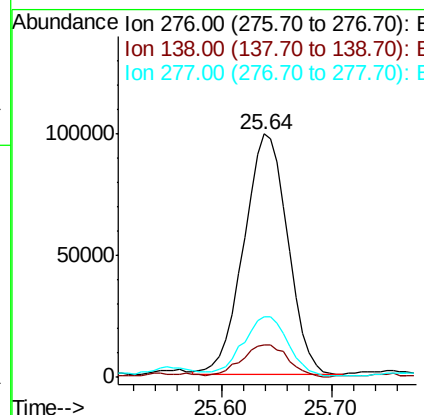
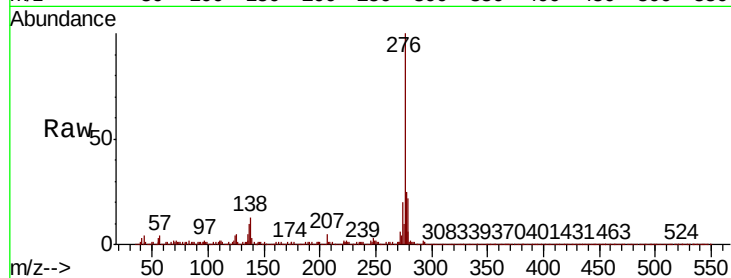
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.359 ng
RT: 25.64 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	11.1	16.7
277	25.5	20.4	30.6

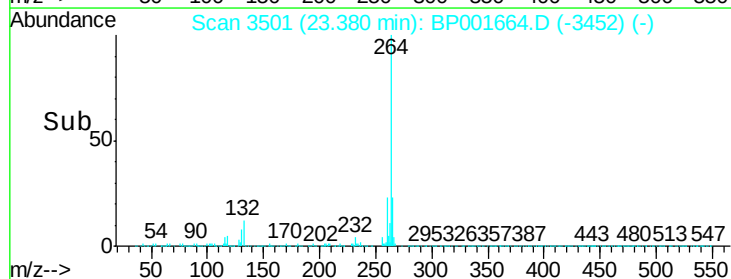
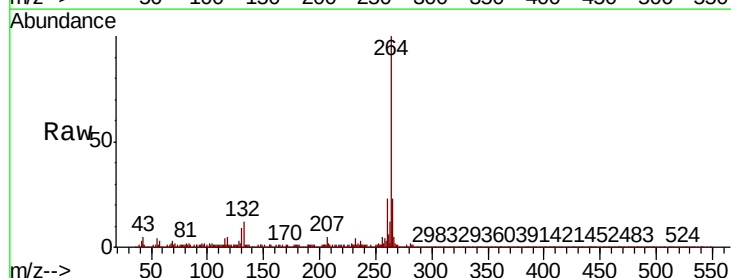
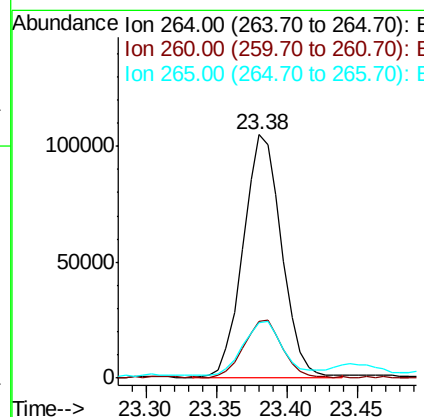
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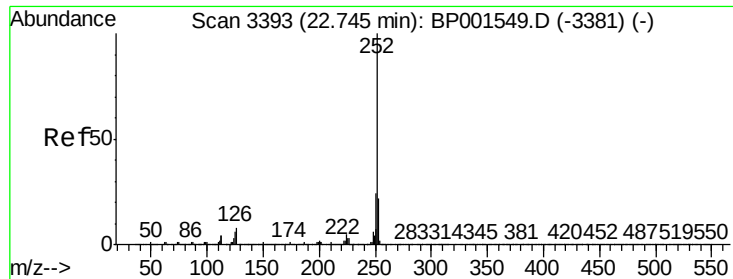
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	23.0	18.2	27.4





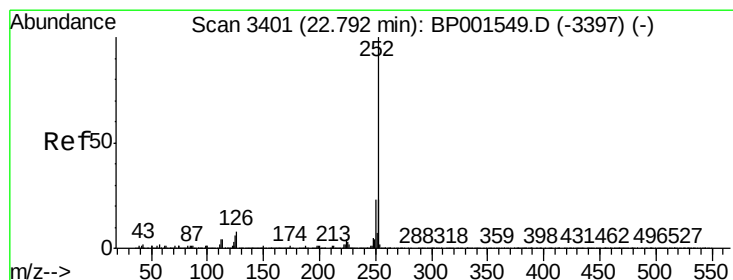
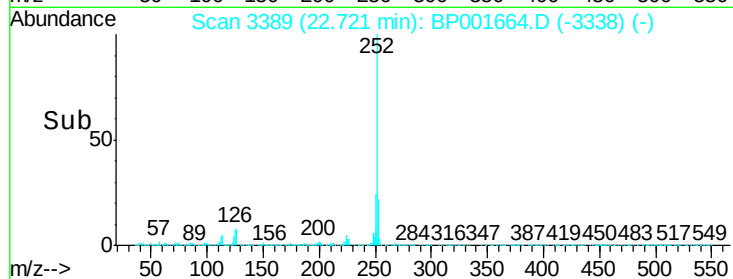
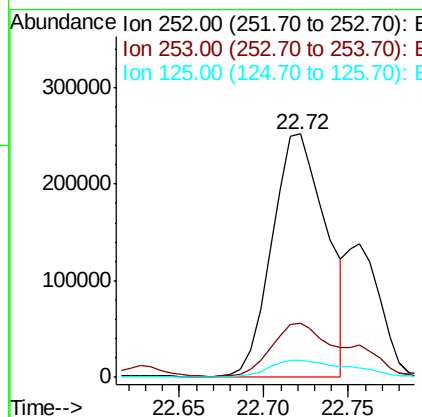
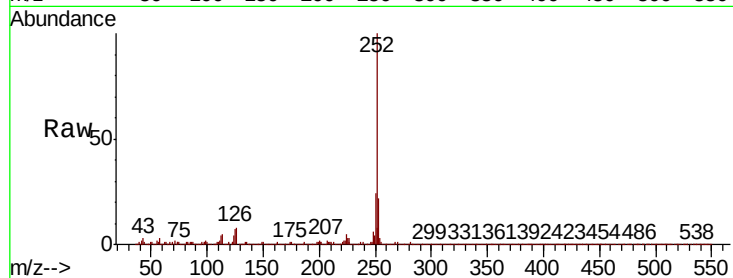
#88
Benzo(b)fluoranthene
Concen: 44.745 ng
RT: 22.72 min Scan# 3389
Delta R.T. -0.00 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	7.1	4.6	7.0

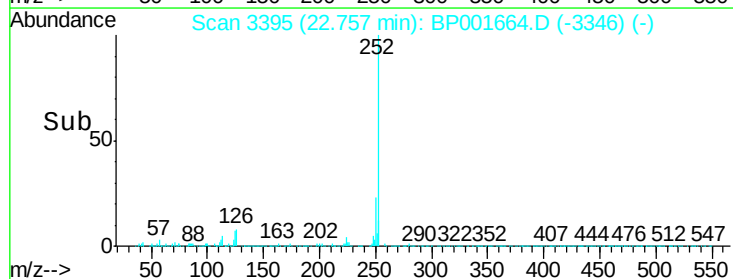
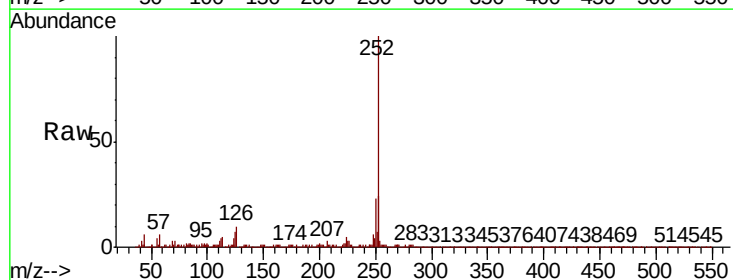
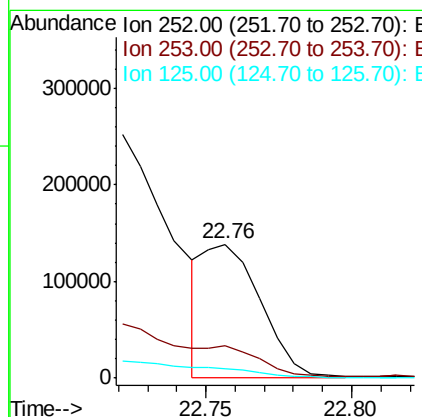
Manual Integrations
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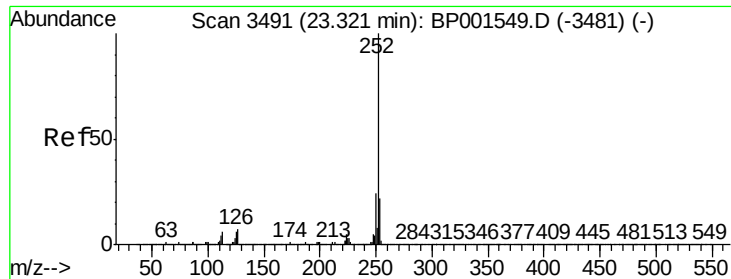
mohammad
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#89
Benzo(k)fluoranthene
Concen: 15.578 ng m
RT: 22.76 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	7.2	4.6	6.8





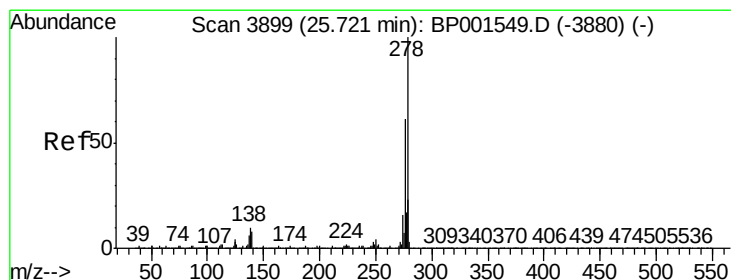
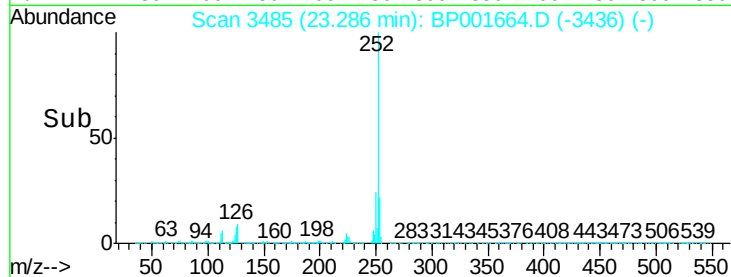
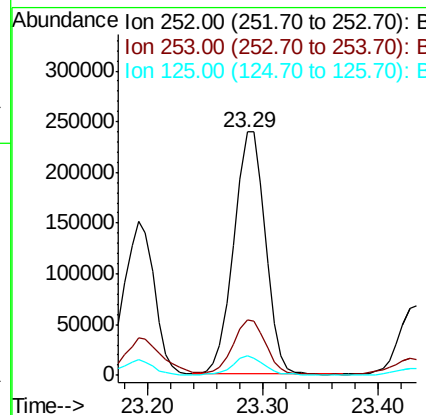
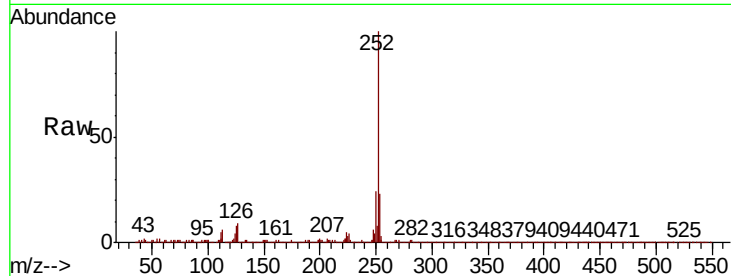
#90
Benzo(a)pyrene
Concen: 38.186 ng
RT: 23.29 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Instrument :
BNA_P
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	7.9	5.0	7.4

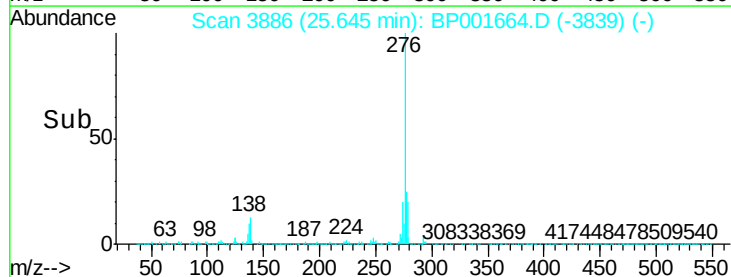
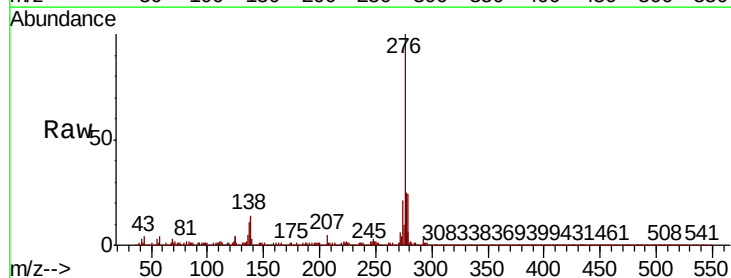
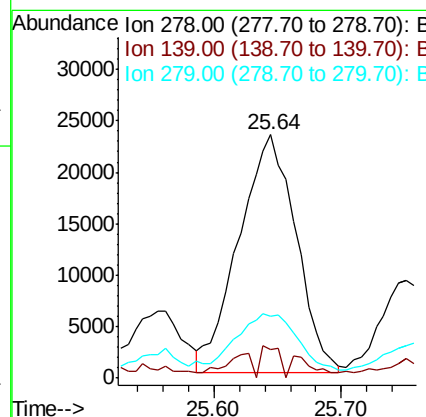
Manual Integrations
APPROVED

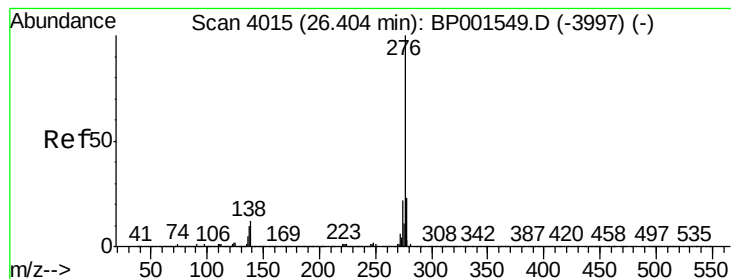
mohammad
1/21/2020 7:53:07 AM



#91
Dibenzo(a,h)anthracene
Concen: 5.840 ng m
RT: 25.64 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BP001664.D
Acq: 17 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	6.7	10.1
279	25.1	18.6	28.0





#92

Benzo(a,h,i)perylene

Concen: 22.854 ng

RT: 26.33 min Scan# 4002

Delta R.T. -0.01 min

Lab File: BP001664.D

Acq: 17 Jan 2020 19:01

Instrument :

BNA_P

ClientSampleId :

SS-1

Tot Ion:	276	Resp:	279146
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	14.0	9.4	14.2

Manual Integrations
APPROVED

mohammad
1/21/2020 7:53:07 AM

