

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003210.D
 Acq On : 04 Sep 2020 14:25
 Operator : CG/JU
 Sample : L3877-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Sep 04 16:09:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	295180	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1165953	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	688992	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1353218	20.00	ng	0.00
76) Chrysene-d12	21.15	240	978243	20.00	ng	0.00
86) Perylene-d12	23.38	264	1042448	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	284904	17.06	ng	0.00
7) Phenol-d6	6.84	99	350754	16.76	ng	0.00
23) Nitrobenzene-d5	8.80	82	204133	12.62	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	162305	17.42	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	522751	11.11	ng	0.00
79) Terphenyl-d14	19.62	244	552462	12.43	ng	0.00
Target Compounds						
31) Naphthalene	10.48	128	275134	4.593	ng	98
37) 2-Methylnaphthalene	12.10	142	109534m	2.556	ng	
38) 1-Methylnaphthalene	12.32	142	266803	6.551	ng	99
49) Acenaphthylene	14.01	152	235176	3.677	ng	96
52) Acenaphthene	14.36	154	122584	3.119	ng	97
58) Fluorene	15.35	166	151499	3.187	ng	# 94
71) Phenanthrene	17.09	178	1891490	25.796	ng	100
72) Anthracene	17.18	178	509047	7.254	ng	99
75) Fluoranthene	19.07	202	3049198	35.980	ng	99
78) Pyrene	19.42	202	3220729	50.728	ng	99
81) Benzo(a)anthracene	21.13	228	1550010	25.296	ng	96
83) Chrysene	21.18	228	1482568	25.270	ng	98
87) Indeno(1,2,3-cd)pyrene	25.65	276	1093452	14.065	ng	95
88) Benzo(b)fluoranthene	22.71	252	1949062m	30.082	ng	
89) Benzo(k)fluoranthene	22.74	252	525286m	8.485	ng	
90) Benzo(a)pyrene	23.28	252	1464809	24.369	ng	97
91) Dibenzo(a,h)anthracene	25.65	278	290300	4.546	ng	# 85
92) Benzo(g,h,i)perylene	26.35	276	1180749	18.424	ng	99

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

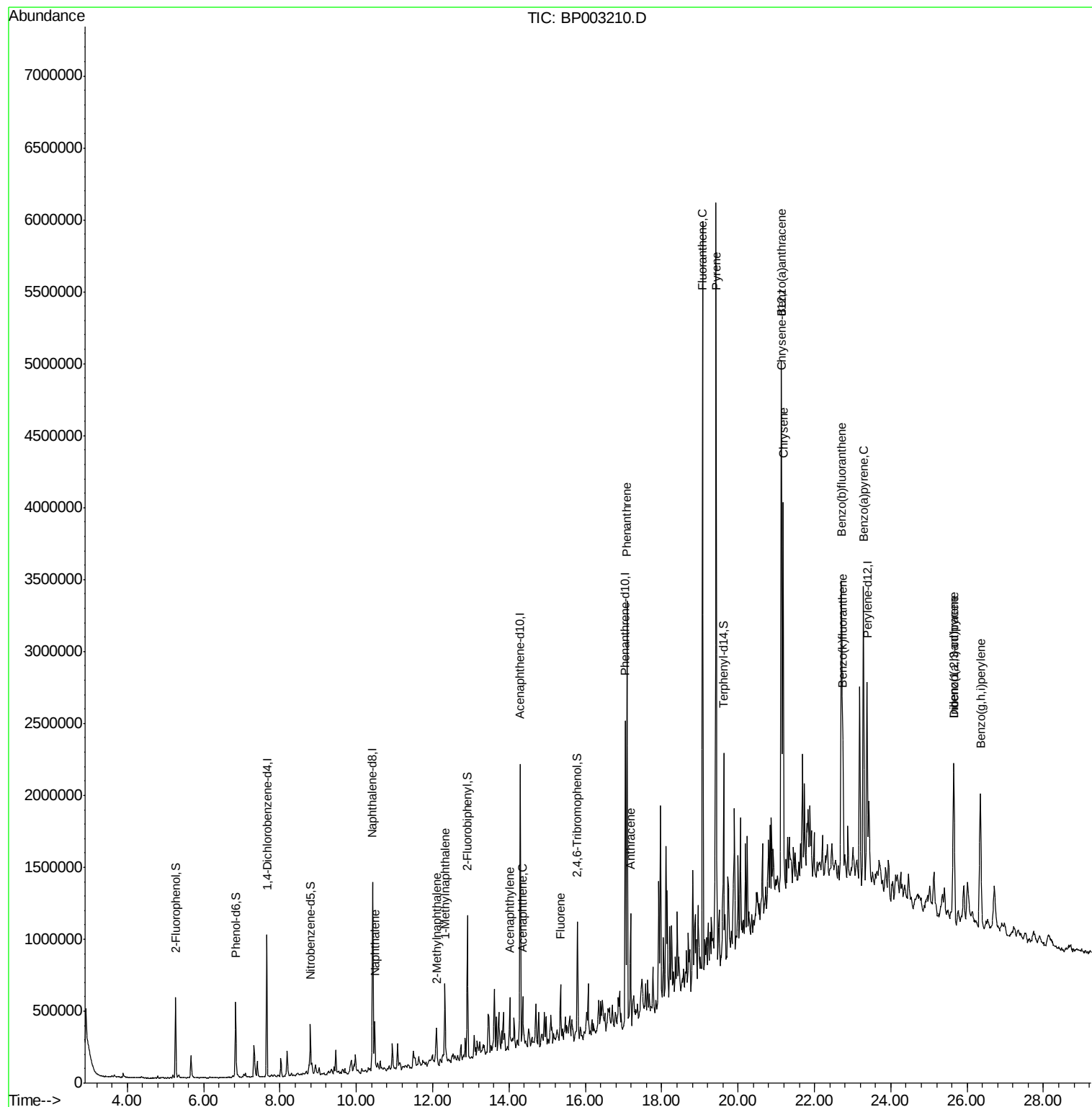
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
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ALS Vial : 10 Sample Multiplier: 1

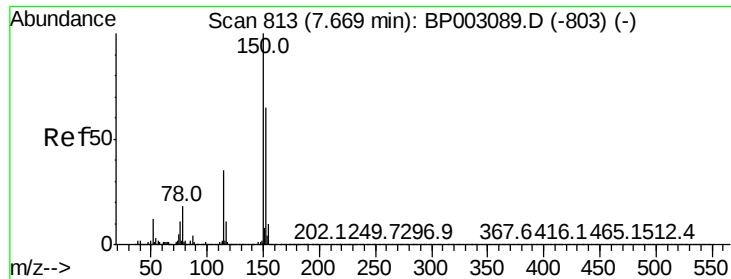
Instrument :
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ClientSampleId :
TP-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

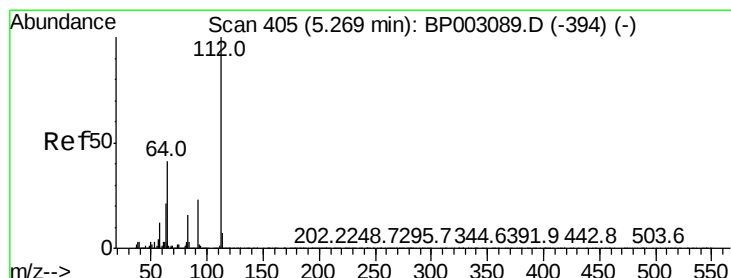
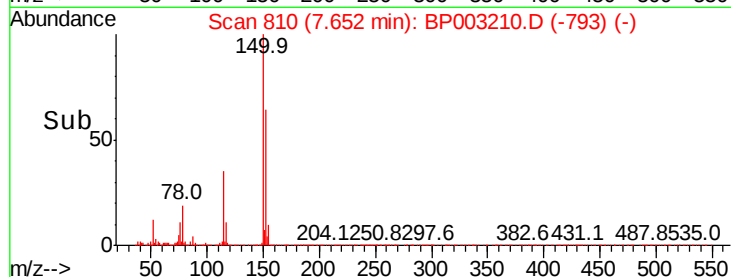
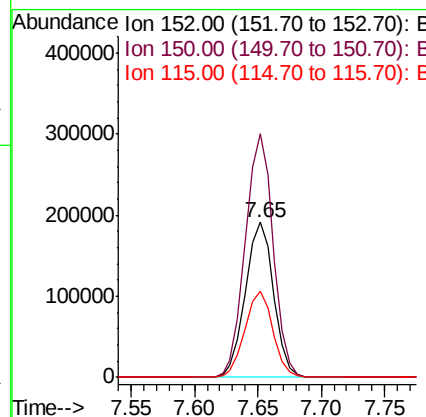
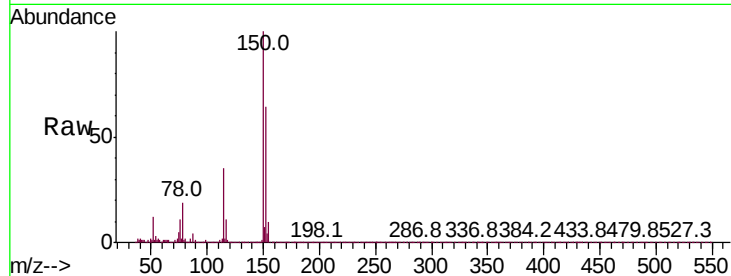
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	55.3	43.8	65.6

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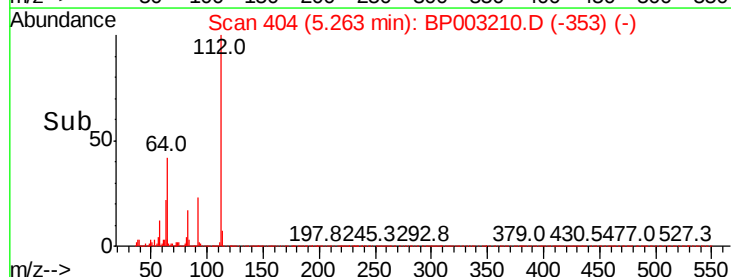
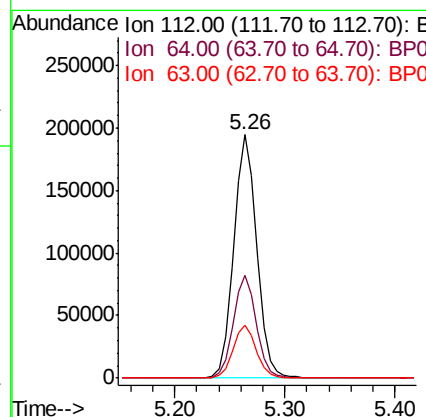
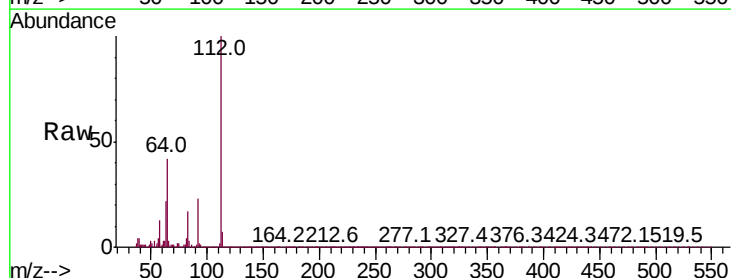
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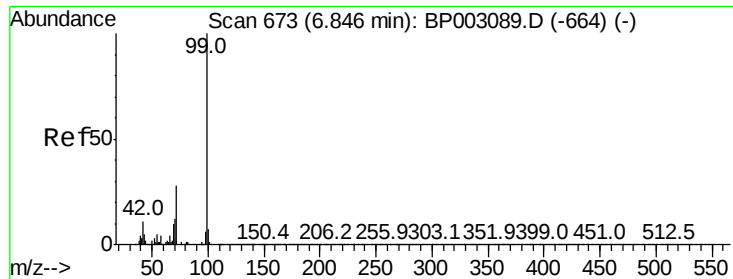


#5

2-Fluorophenol
Concen: 17.065 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	32.8	49.2
63	21.9	17.0	25.4





#7

Phenol-d6

Concen: 16.759 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Instrument :

BNA_P

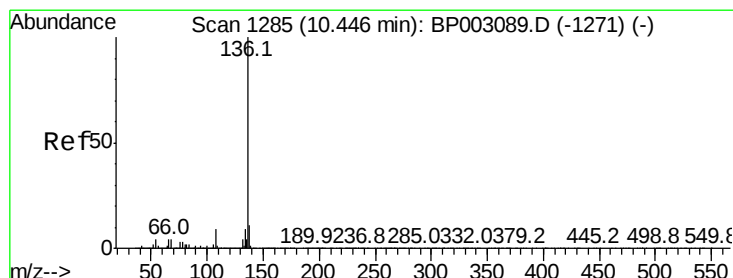
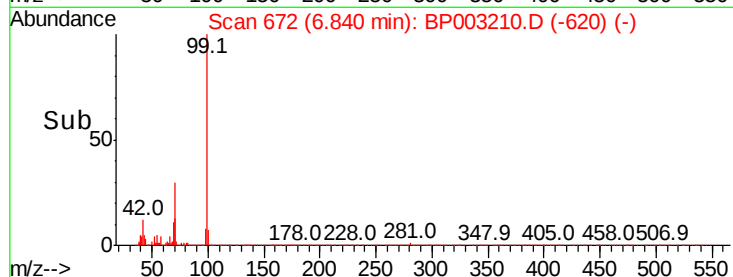
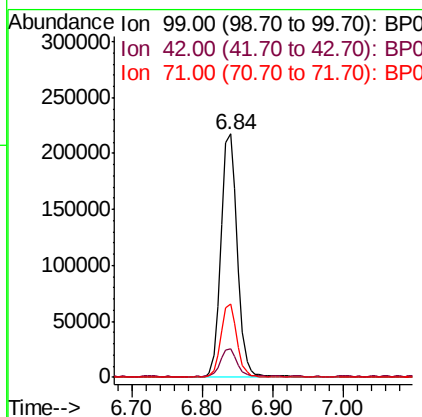
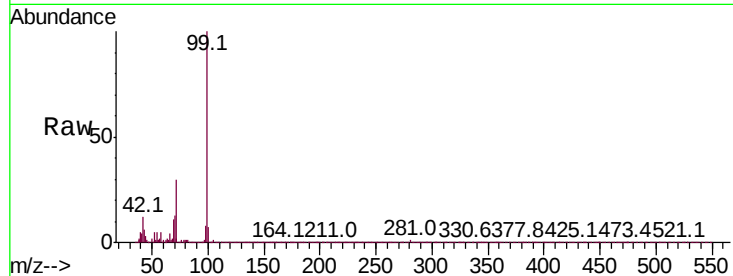
ClientSampled :

TP-2

Tot Ion:	99	Resp:	350754
Ion Ratio	Lower	Upper	
99	100		
42	11.9	8.6	13.0
71	30.1	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

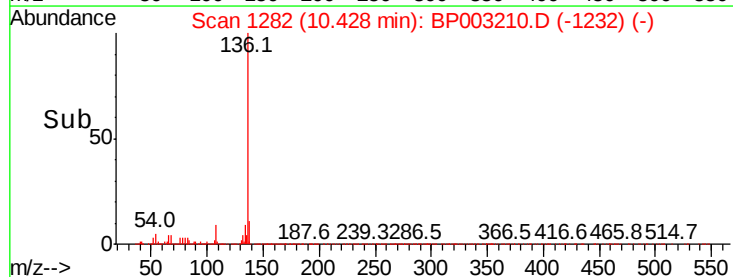
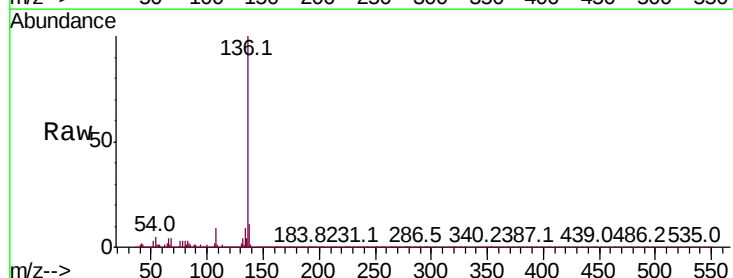
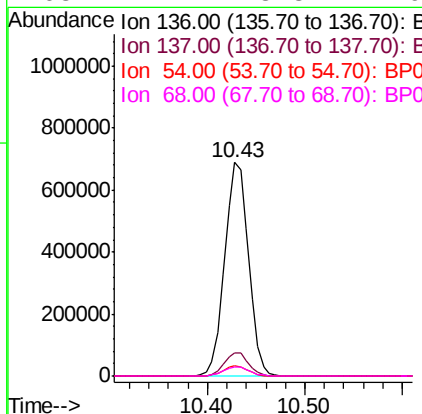
RT: 10.43 min Scan# 1282

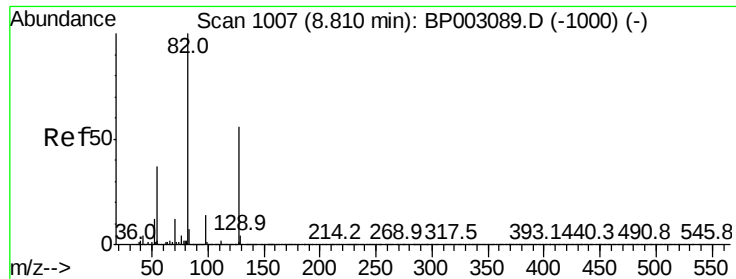
Delta R.T. -0.01 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Tgt Ion:	136	Resp:	1165953
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	4.7	3.6	5.4
68	4.4	3.3	4.9





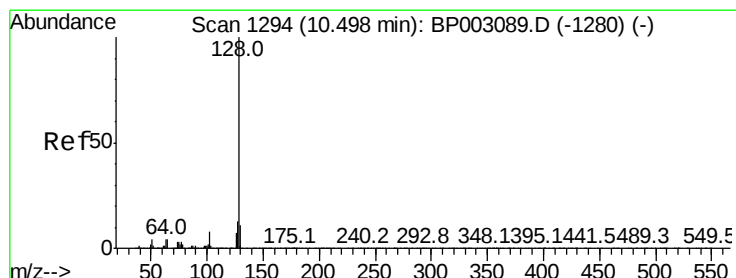
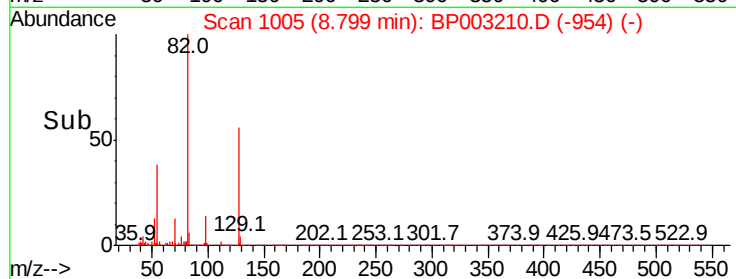
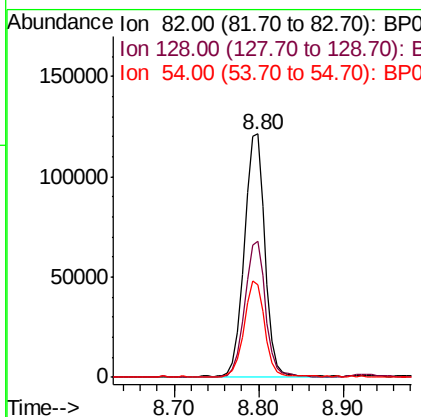
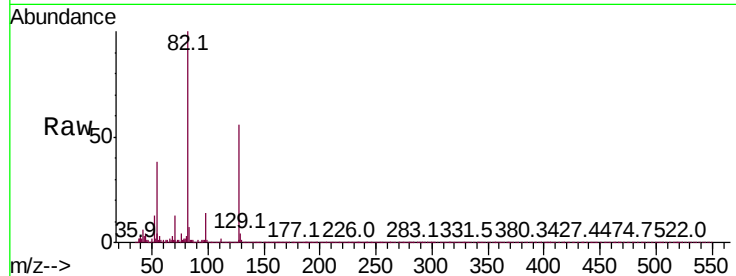
#23
 Nitrobenzene-d5
 Concen: 12.621 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	55.7	45.6	68.4	
54	37.9	30.1	45.1	

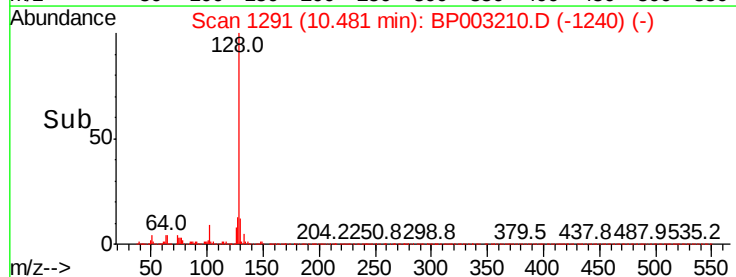
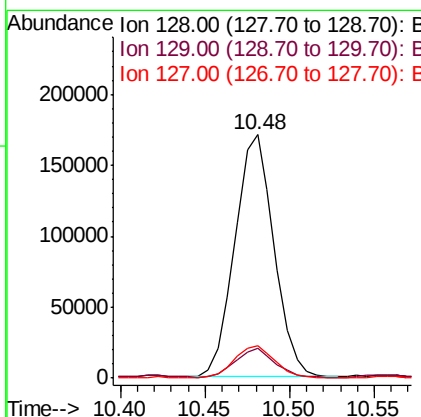
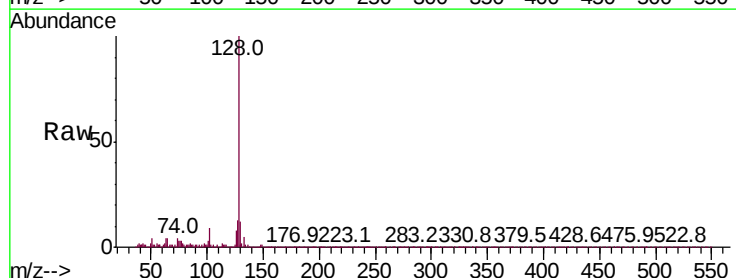
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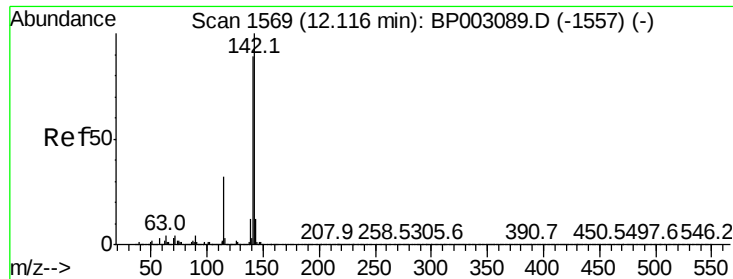
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#31
 Naphthalene
 Concen: 4.593 ng
 RT: 10.48 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.2	8.8	13.2	
127	13.2	10.6	15.8	





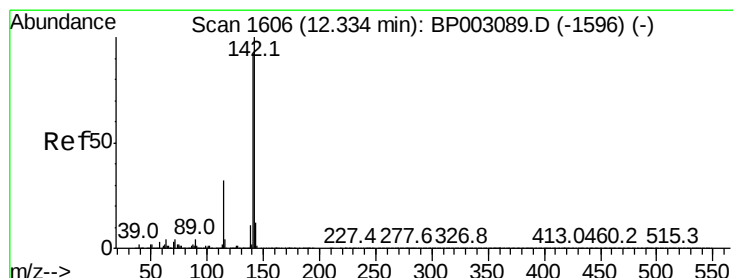
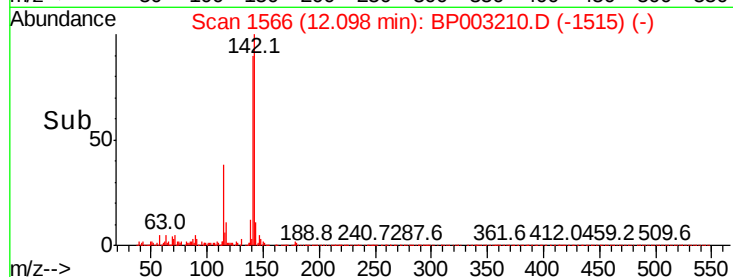
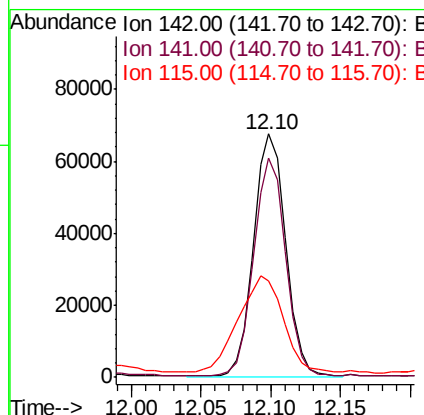
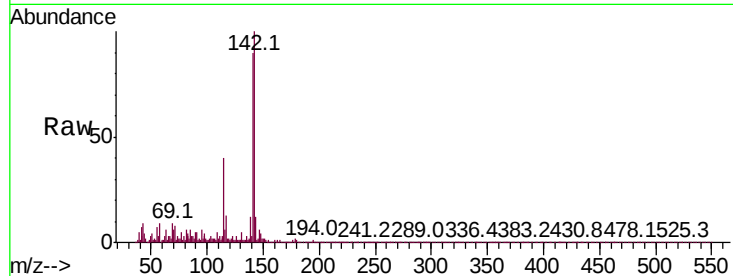
#37
2-Methylnaphthalene
Concen: 2.556 ng m
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
142	100	109534		
141	89.9	71.4	107.2	
115	39.7	25.8	38.6	

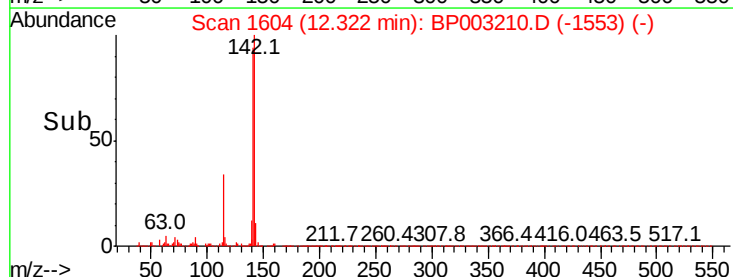
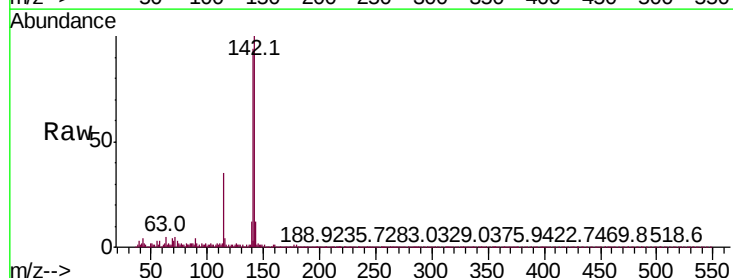
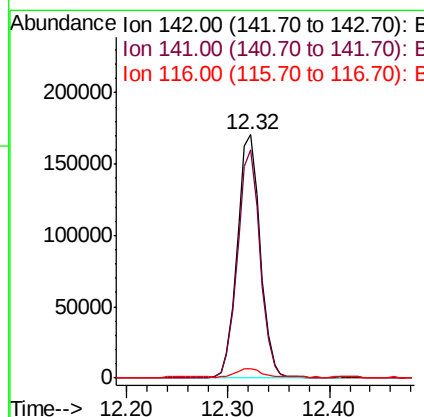
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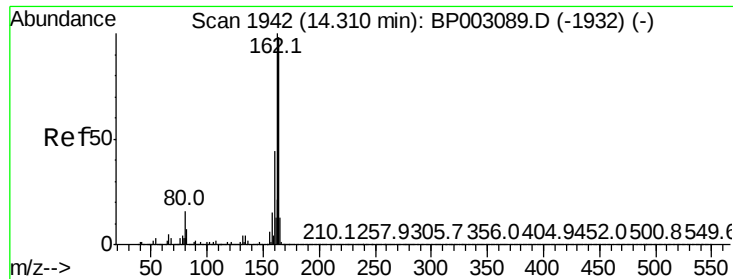
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#38
1-Methylnaphthalene
Concen: 6.551 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	266803		
141	93.7	74.4	111.6	
116	4.1	2.9	4.3	





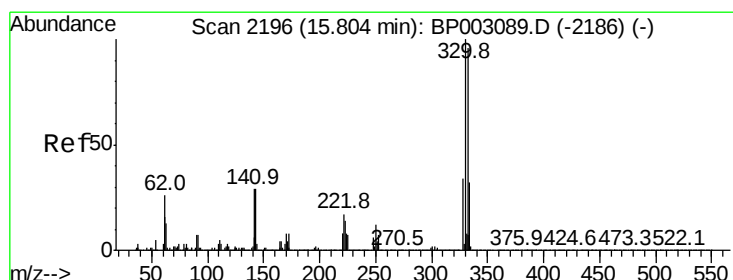
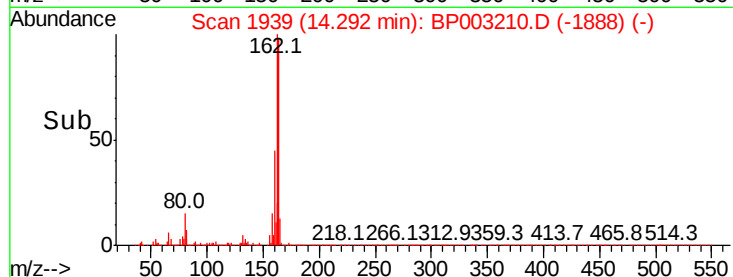
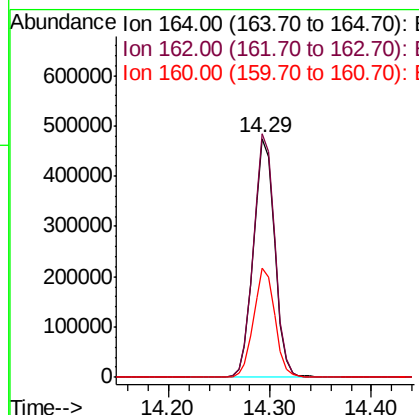
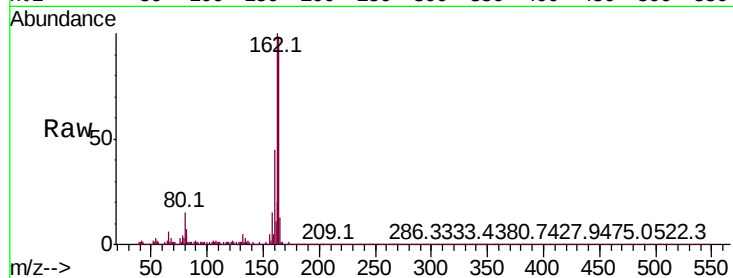
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	45.6	36.1	54.1

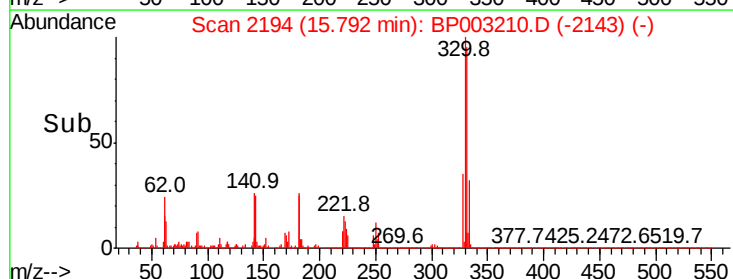
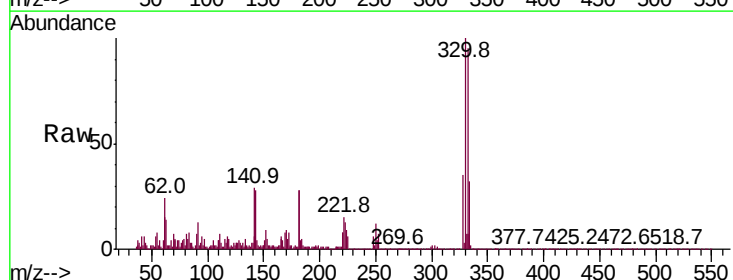
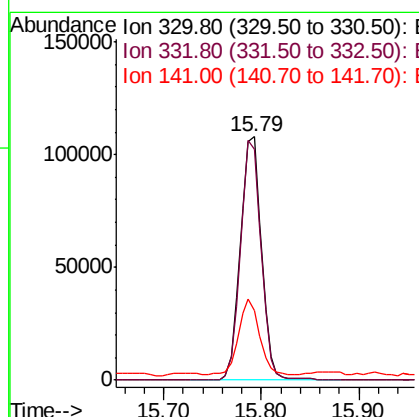
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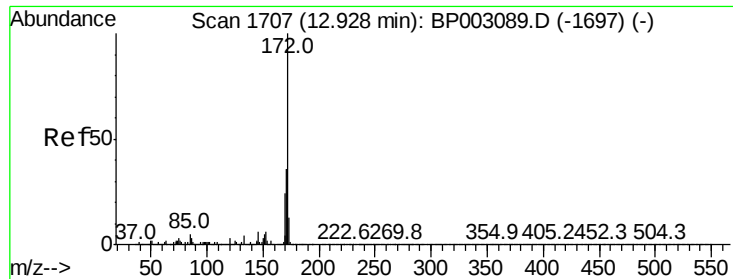
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#42
2,4,6-Tribromophenol
Concen: 17.418 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	31.5	23.4	35.2





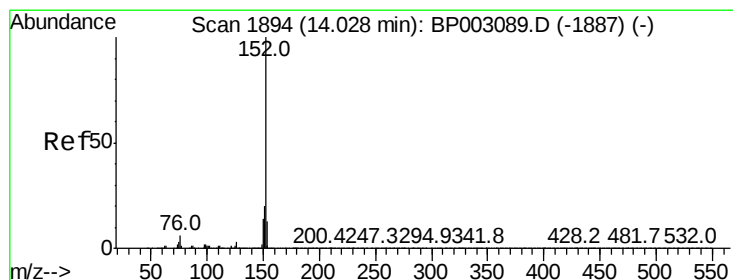
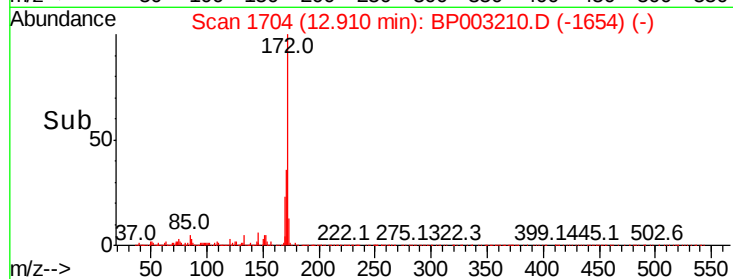
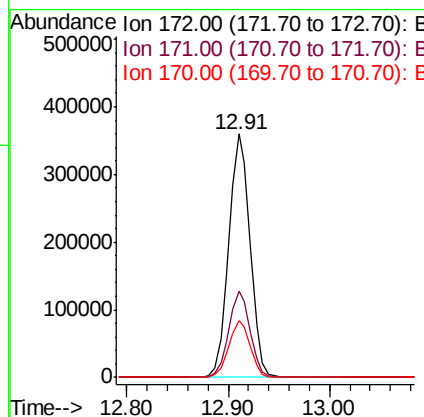
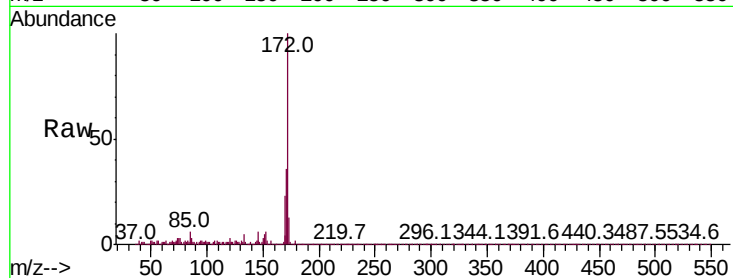
#45
2-Fluorobiphenyl
Concen: 11.111 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampled :
TP-2

Tot Ion:	172	Resp:	522751
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	23.1	19.2	28.8

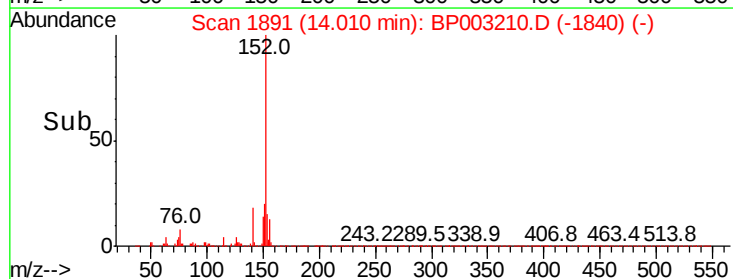
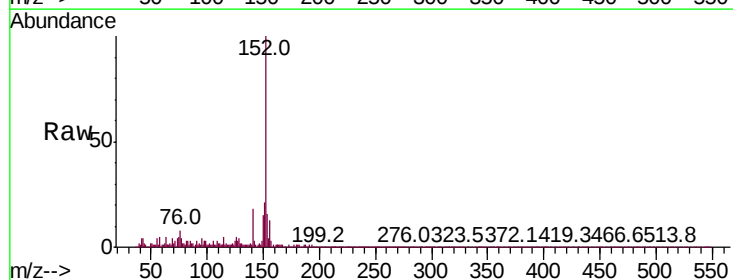
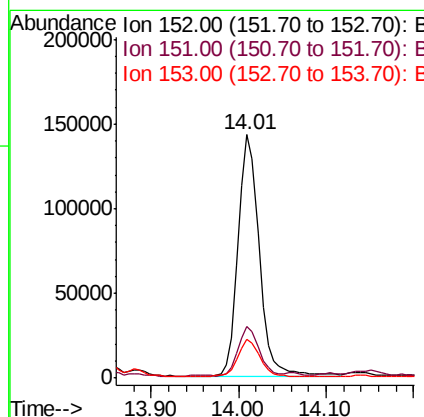
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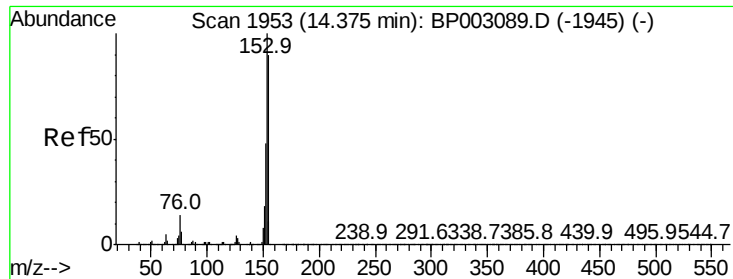
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#49
Acenaphthylene
Concen: 3.677 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion:	152	Resp:	235176
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.9	23.9
153	15.7	10.5	15.7





#52

Acenaphthene

Concen: 3.119 ng

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Instrument :

BNA_P

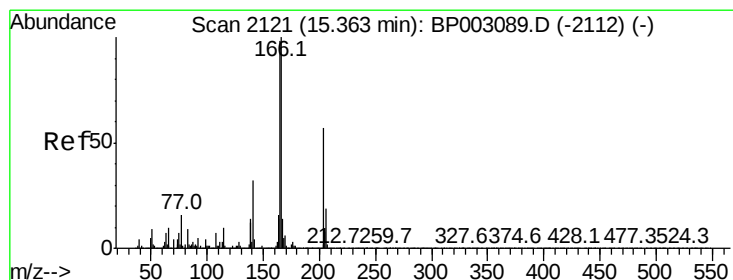
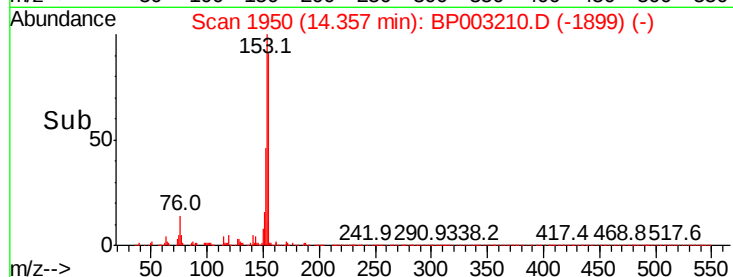
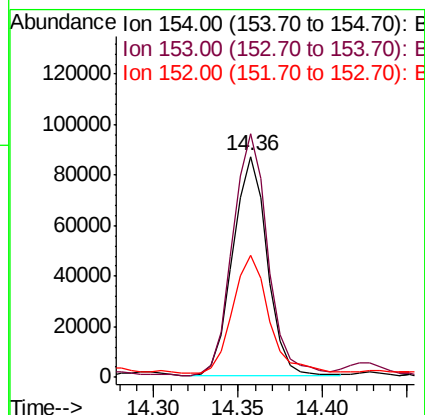
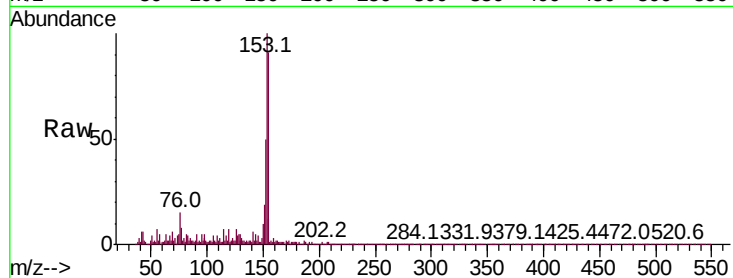
ClientSampleId :

TP-2

Tot Ion:	154	Resp:	122584
Ion Ratio	Lower	Upper	
154	100		
153	110.3	91.0	136.6
152	55.1	43.0	64.6

Manual Integrations
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#58

Fluorene

Concen: 3.187 ng

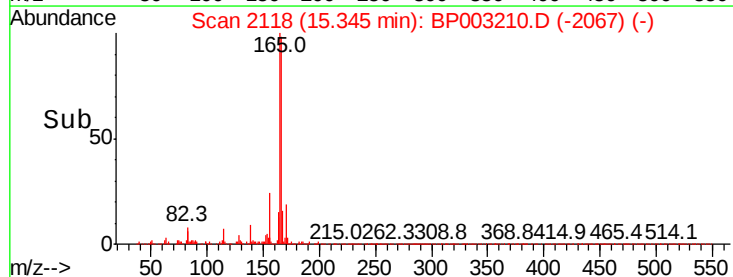
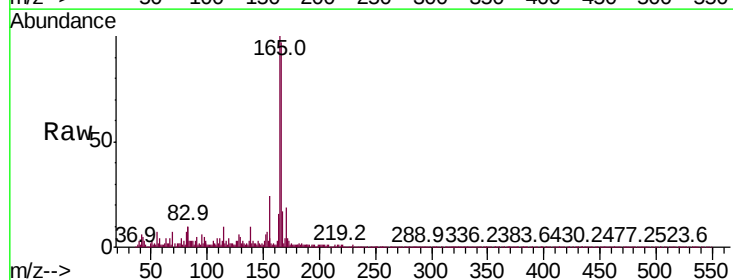
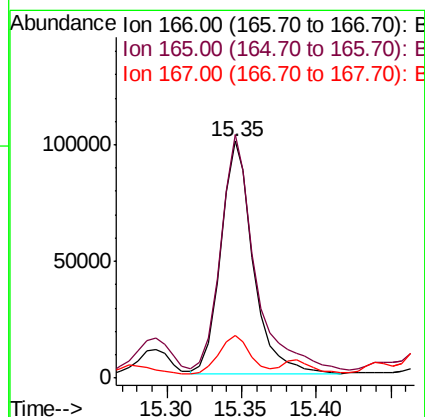
RT: 15.35 min Scan# 2118

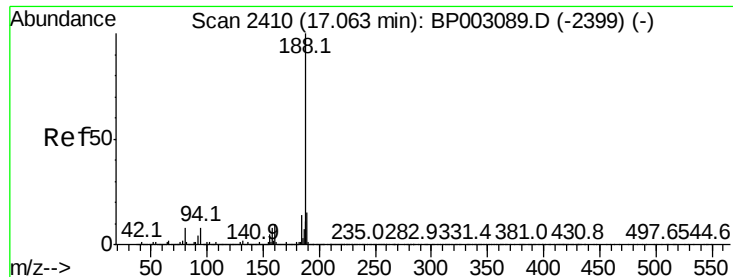
Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Tgt Ion:	166	Resp:	151499
Ion Ratio	Lower	Upper	
166	100		
165	102.8	77.8	116.8
167	18.0	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Instrument :

BNA_P

ClientSampleId :

TP-2

Tot Ion:188 Resp: 1353218

Ion Ratio Lower Upper

188 100

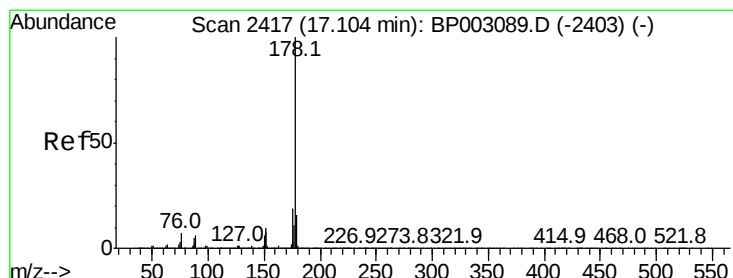
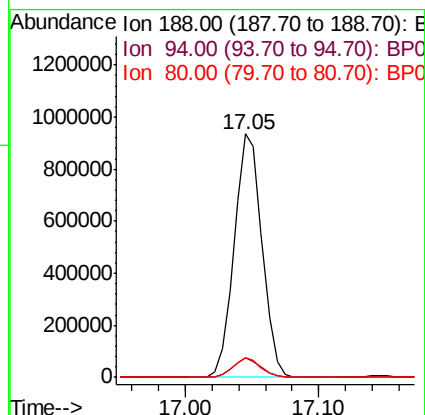
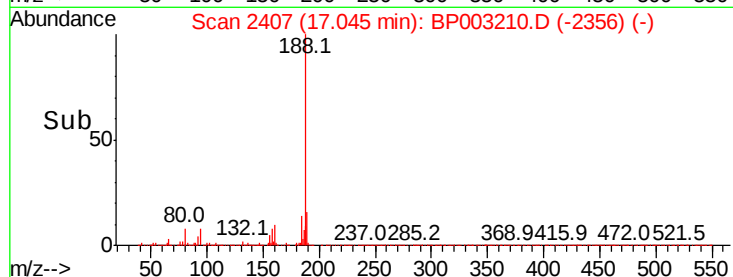
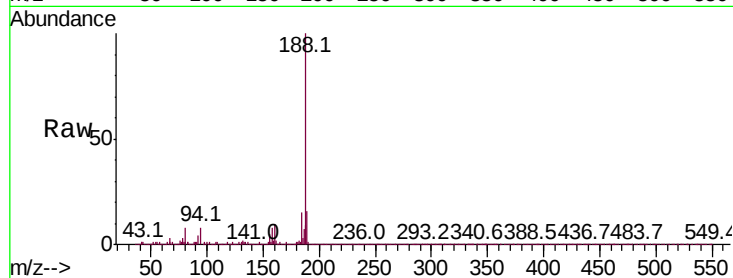
94 8.0 6.2 9.2

80 7.9 6.2 9.2

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#71

Phenanthrene

Concen: 25.796 ng

RT: 17.09 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

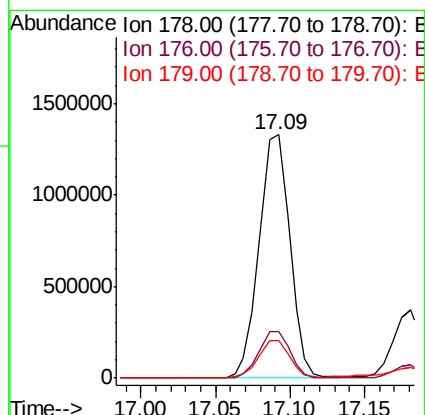
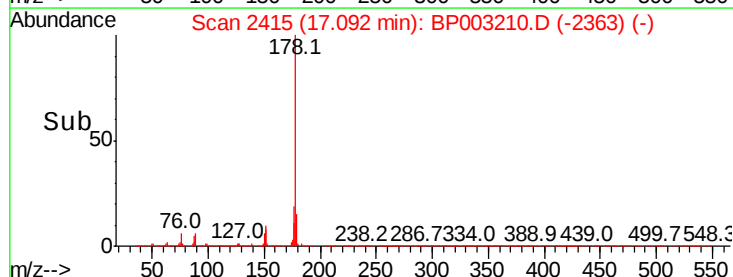
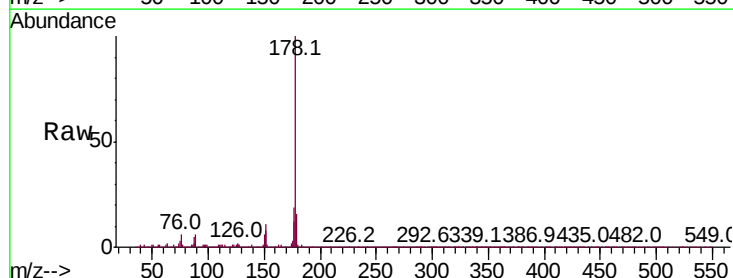
Tgt Ion:178 Resp: 1891490

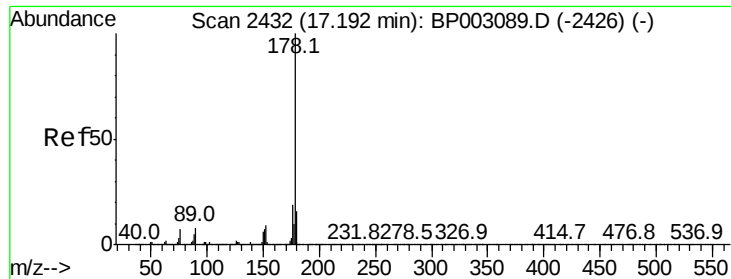
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.5 18.7





#72

Anthracene

Concen: 7.254 ng

RT: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Instrument :

BNA_P

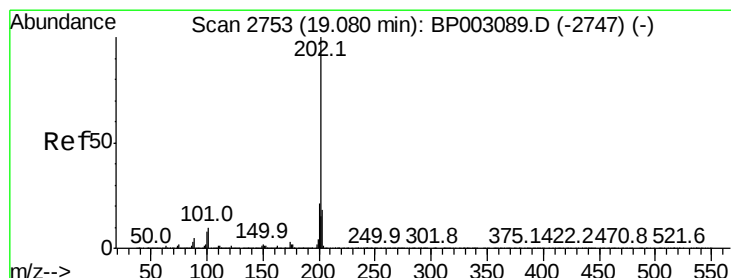
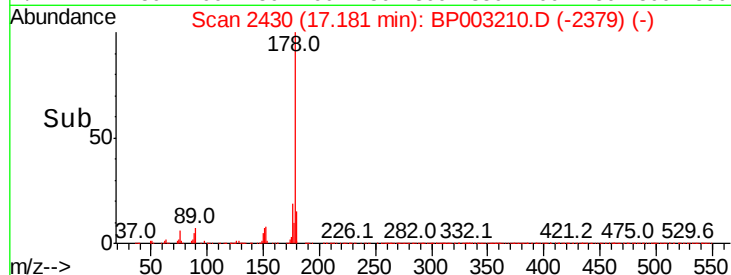
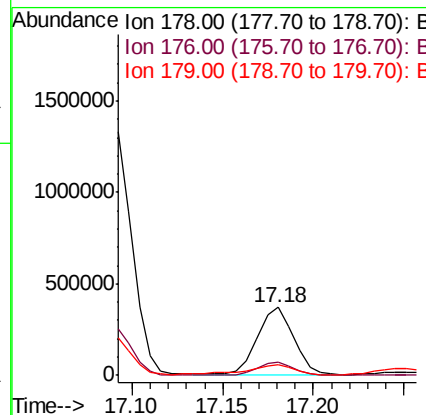
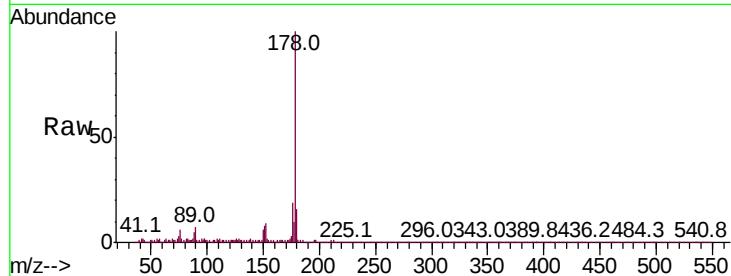
ClientSampleId :

TP-2

Tot Ion:	178	Resp:	509047
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.0	22.4
179	15.6	12.5	18.7

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#75

Fluoranthene

Concen: 35.980 ng

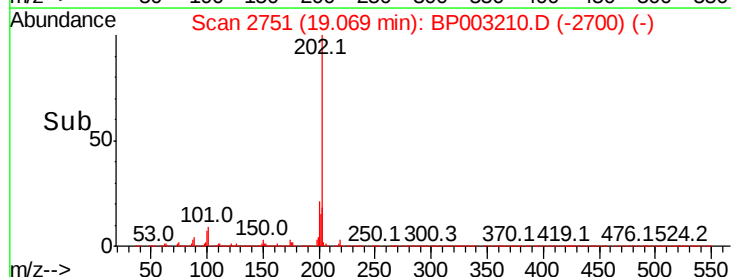
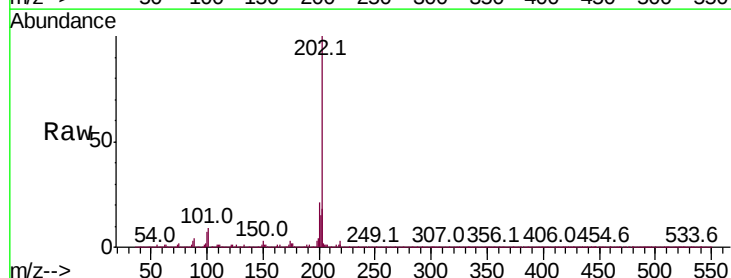
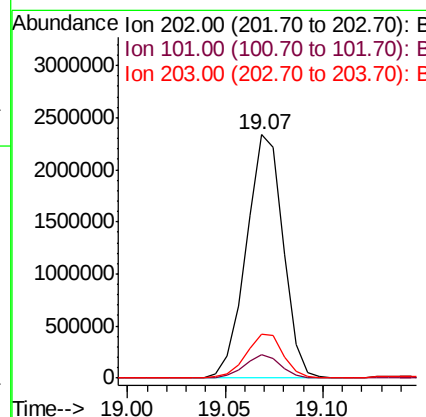
RT: 19.07 min Scan# 2751

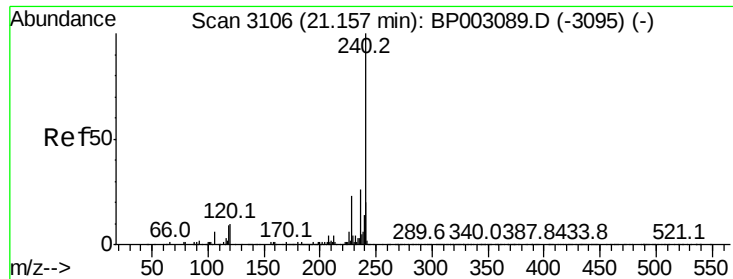
Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Tgt Ion:	202	Resp:	3049198
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.4
203	18.2	0.0	37.8





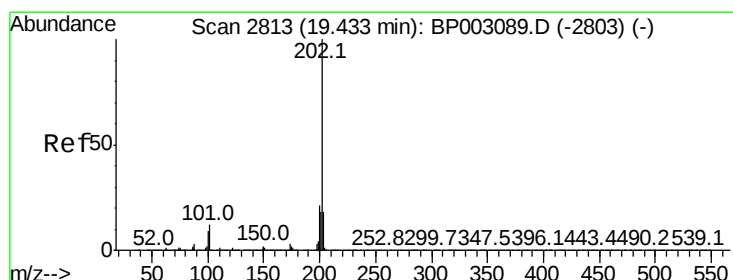
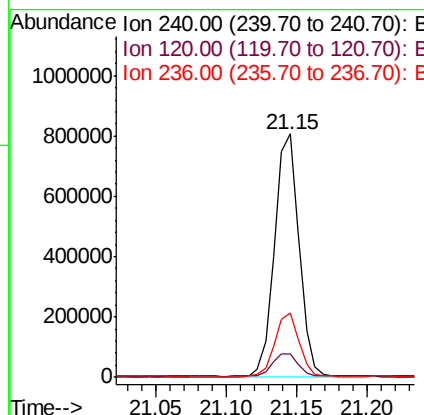
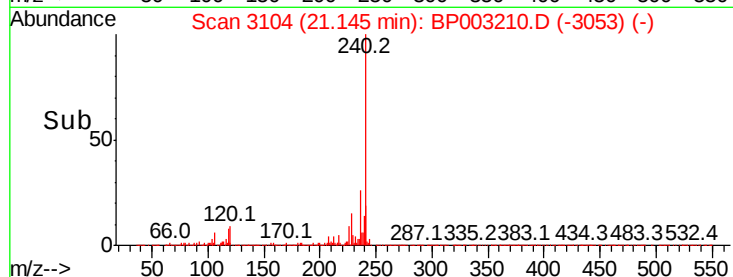
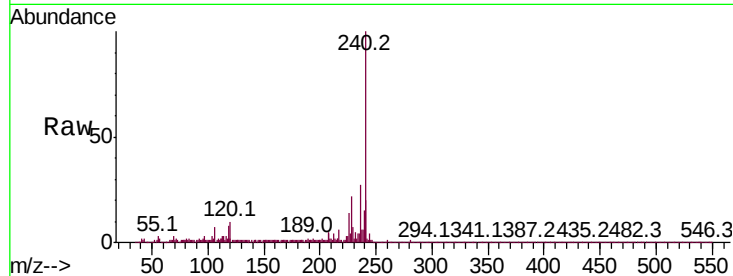
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Instrument :
 BNA_P
 ClientSampled :
 TP-2

Tot Ion:	240	Resp:	978243
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	26.6	20.8	31.2

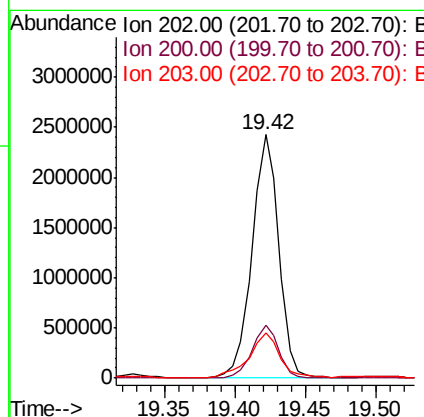
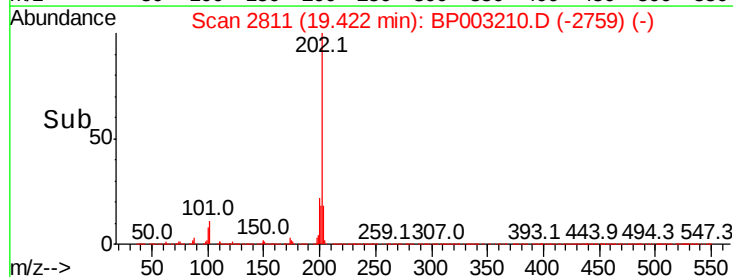
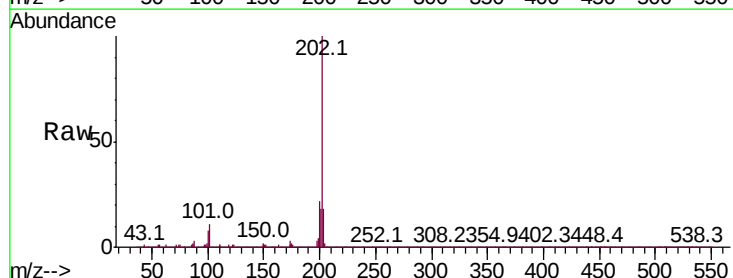
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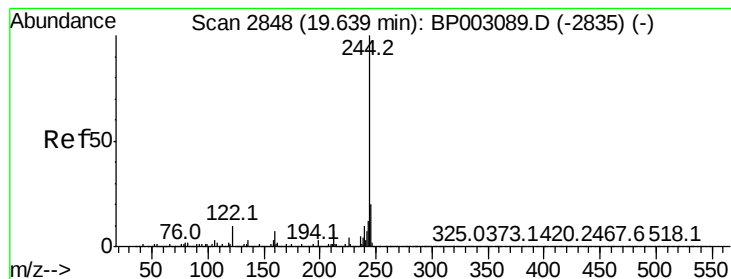
Sohil
 9/9/2020 3:47:28 PM



#78
 Pyrene
 Concen: 50.728 ng
 RT: 19.42 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Tgt Ion:	202	Resp:	3220729
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.1	25.7
203	18.5	14.2	21.2





#79

Terphenyl-d14

Concen: 12.427 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Instrument :

BNA_P

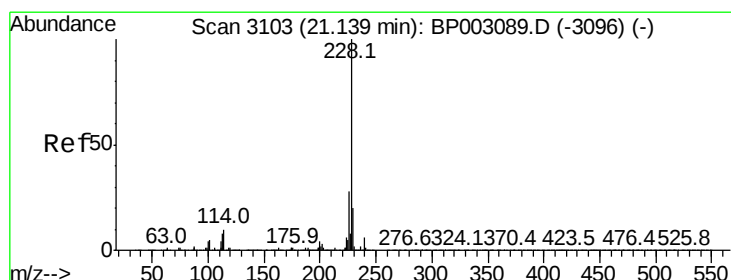
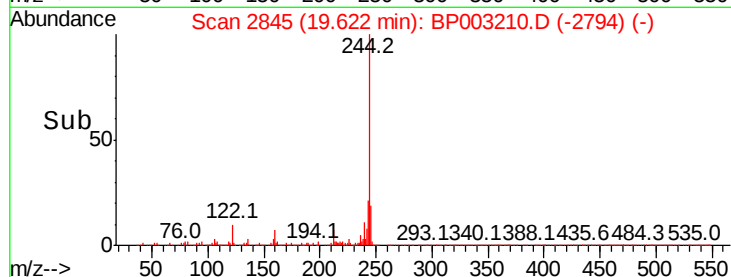
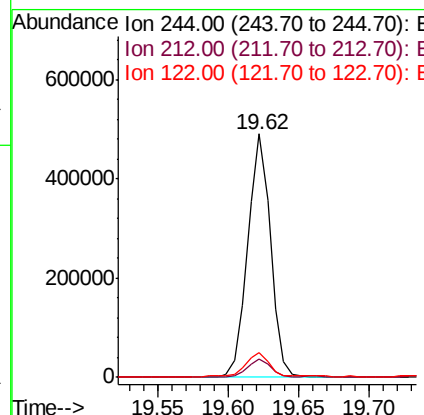
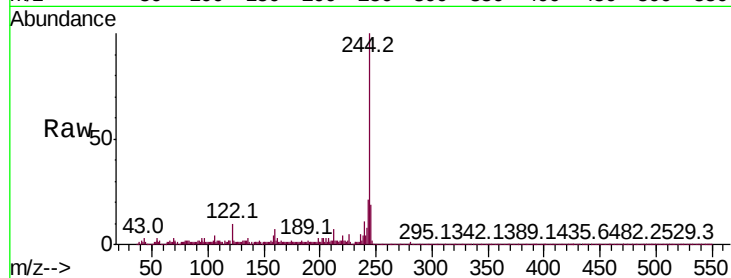
ClientSampled :

TP-2

Tot Ion:	244	Resp:	552462
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.6
122	10.0	7.8	11.8

Manual Integrations
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#81

Benzo(a)anthracene

Concen: 25.296 ng

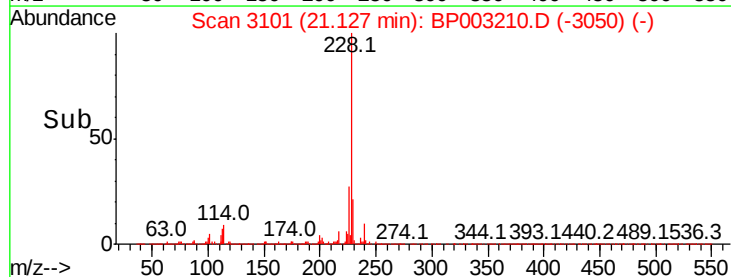
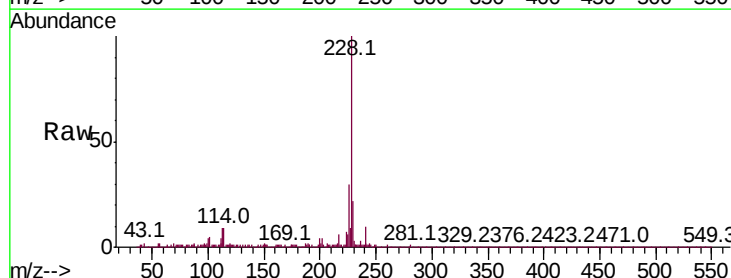
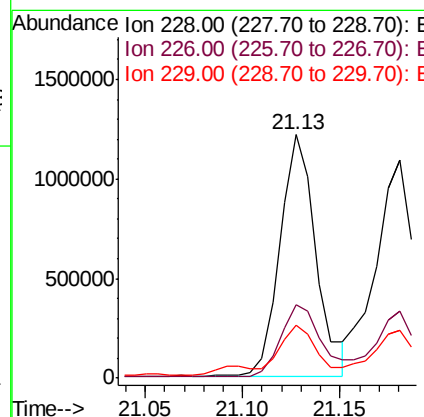
RT: 21.13 min Scan# 3101

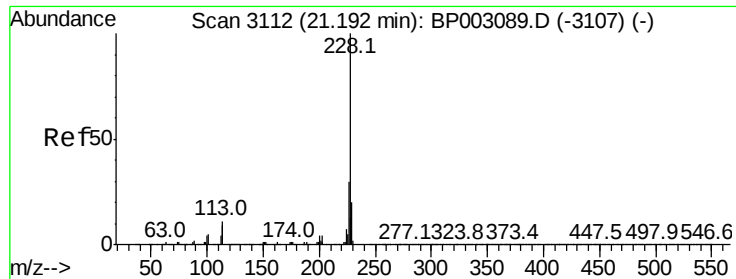
Delta R.T. -0.00 min

Lab File: BP003210.D

Acq: 04 Sep 2020 14:25

Tgt Ion:	228	Resp:	1550010
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.1	33.1
229	21.8	15.9	23.9





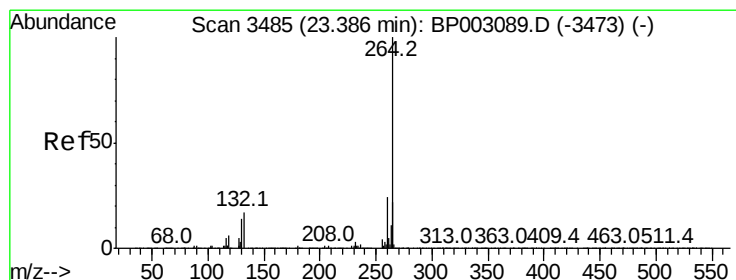
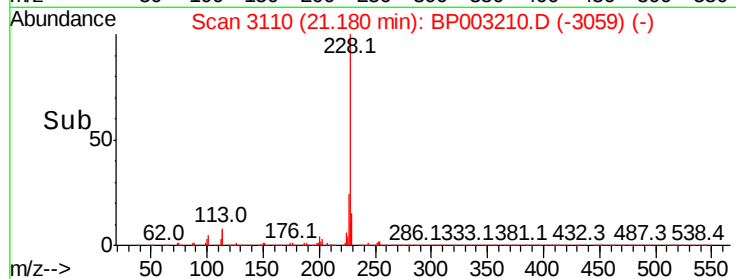
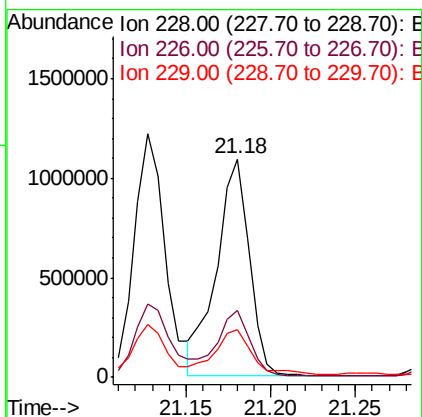
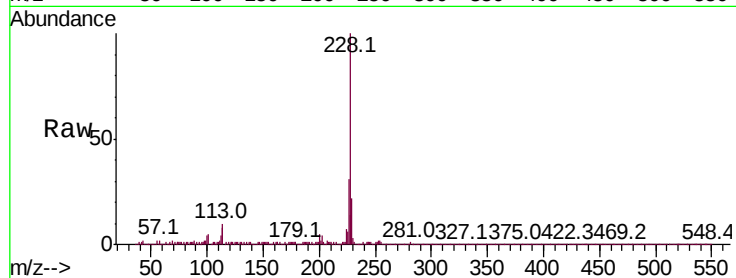
#83
Chrysene
Concen: 25.270 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.0	15.8	23.6

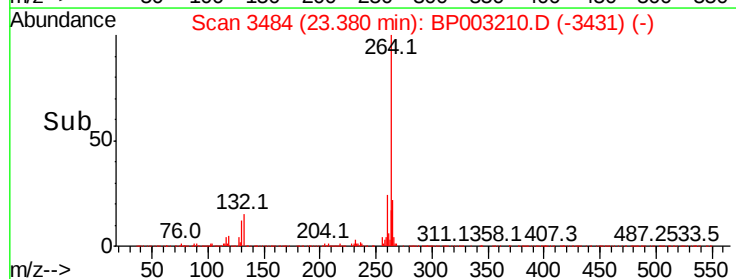
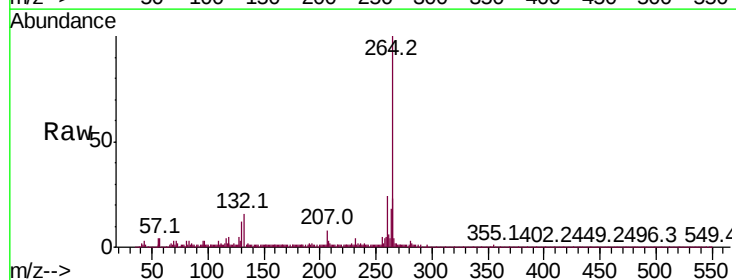
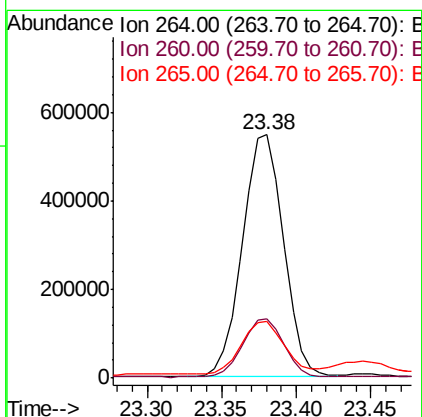
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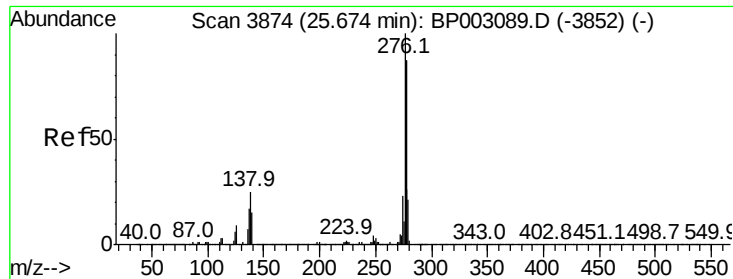
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	23.2	17.4	26.2





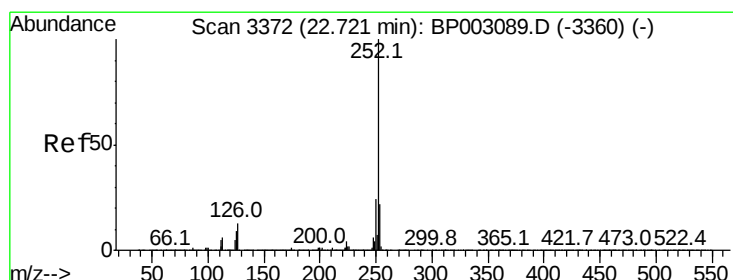
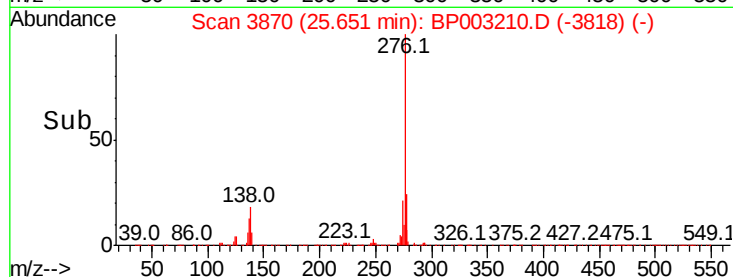
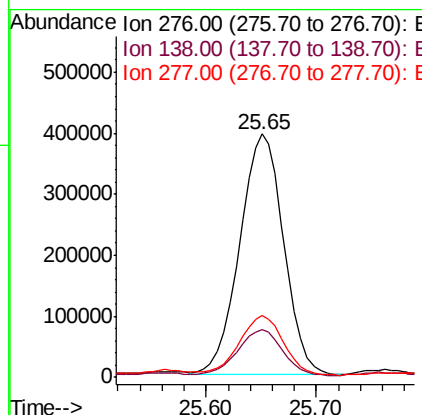
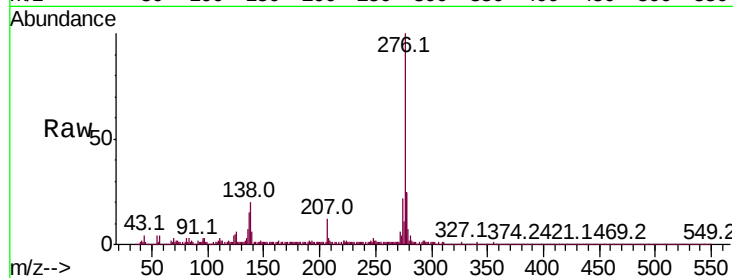
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.065 ng
 RT: 25.65 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Instrument :
 BNA_P
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.7	28.1
277	24.9	20.4	30.6

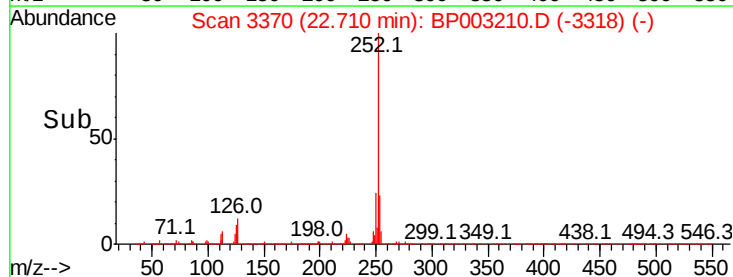
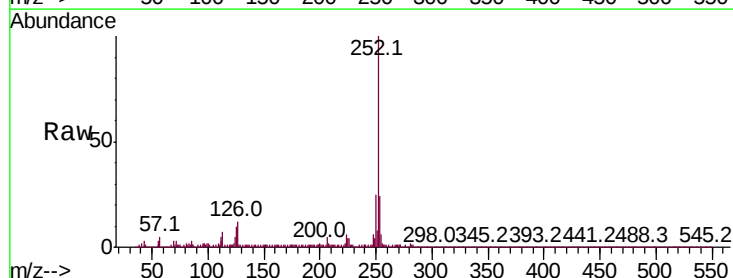
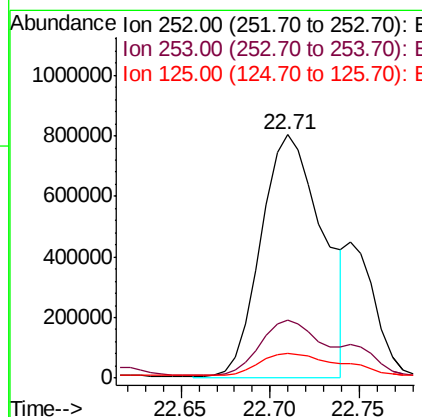
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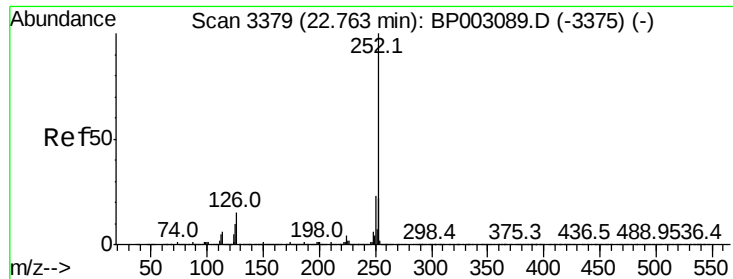
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 30.082 ng m
 RT: 22.71 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: BP003210.D
 Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	10.2	7.3	10.9





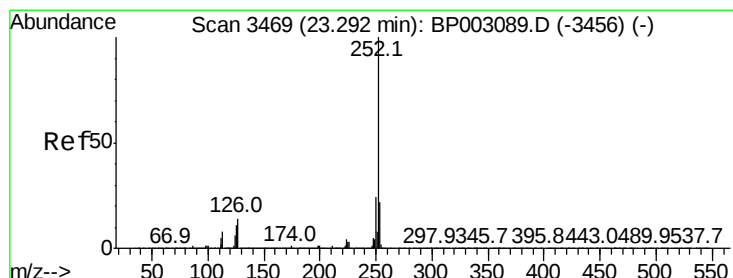
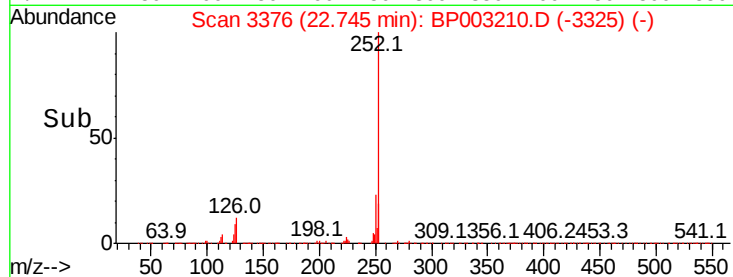
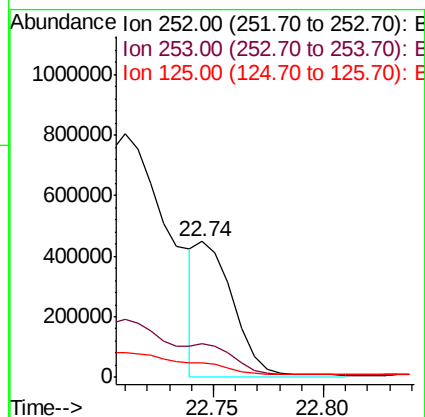
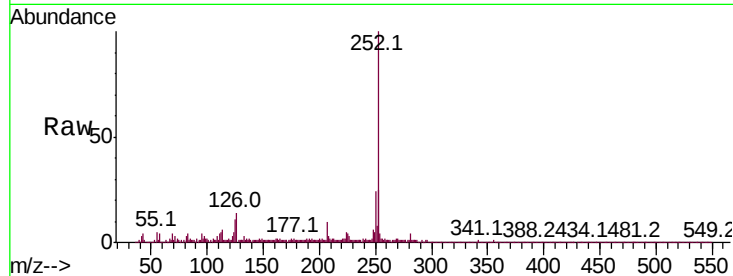
#89
Benzo(k)fluoranthene
Concen: 8.485 ng m
RT: 22.74 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampled :
TP-2

Tot Ion:	252	Resp:	525286
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.8
125	10.7	7.4	11.2

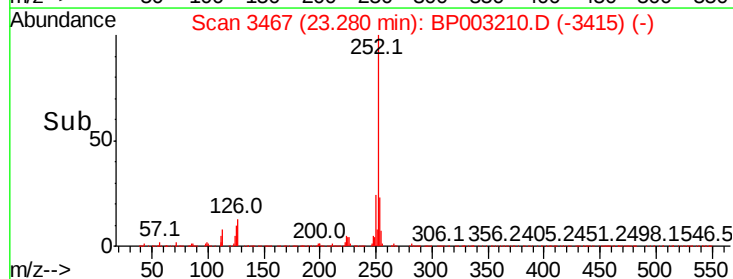
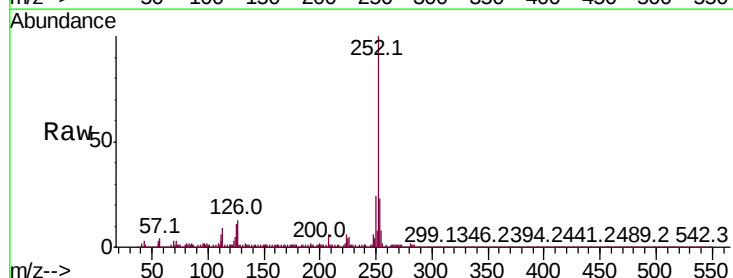
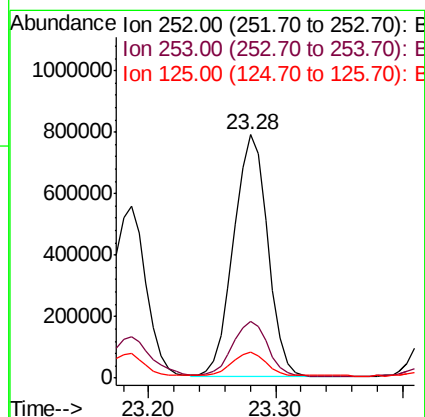
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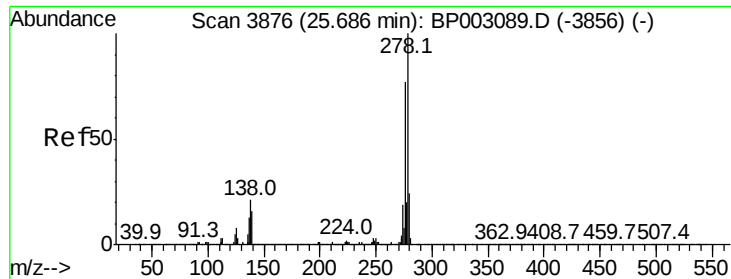
Sohil
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#90
Benzo(a)pyrene
Concen: 24.369 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion:	252	Resp:	1464809
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	10.6	8.2	12.4





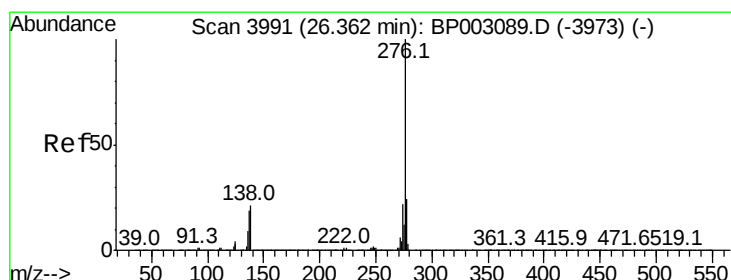
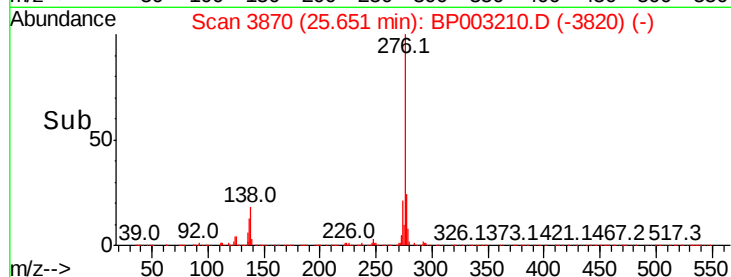
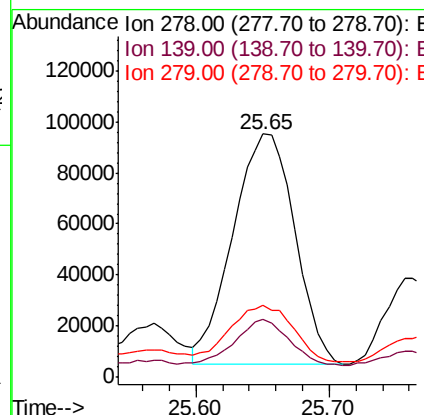
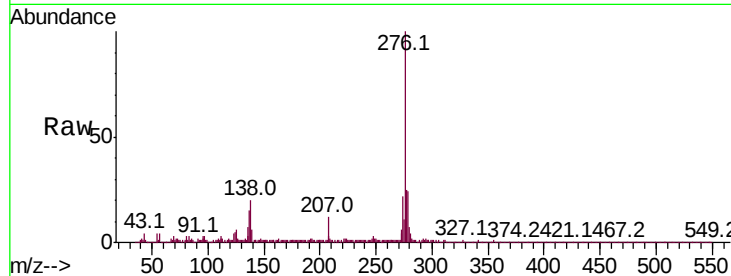
#91
Dibenzo(a,h)anthracene
Concen: 4.546 ng
RT: 25.65 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Instrument :
BNA_P
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.4	18.6#
279	29.4	19.0	28.6#

Manual Integrations
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9/9/2020 3:47:28 PM



#92
Benzo(g,h,i)perylene
Concen: 18.424 ng
RT: 26.35 min Scan# 3989
Delta R.T. 0.02 min
Lab File: BP003210.D
Acq: 04 Sep 2020 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	20.2	16.6	24.8

