

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003913.D
 Acq On : 10 Nov 2020 21:17
 Operator : CG/JU
 Sample : L4681-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

Quant Time: Nov 11 00:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

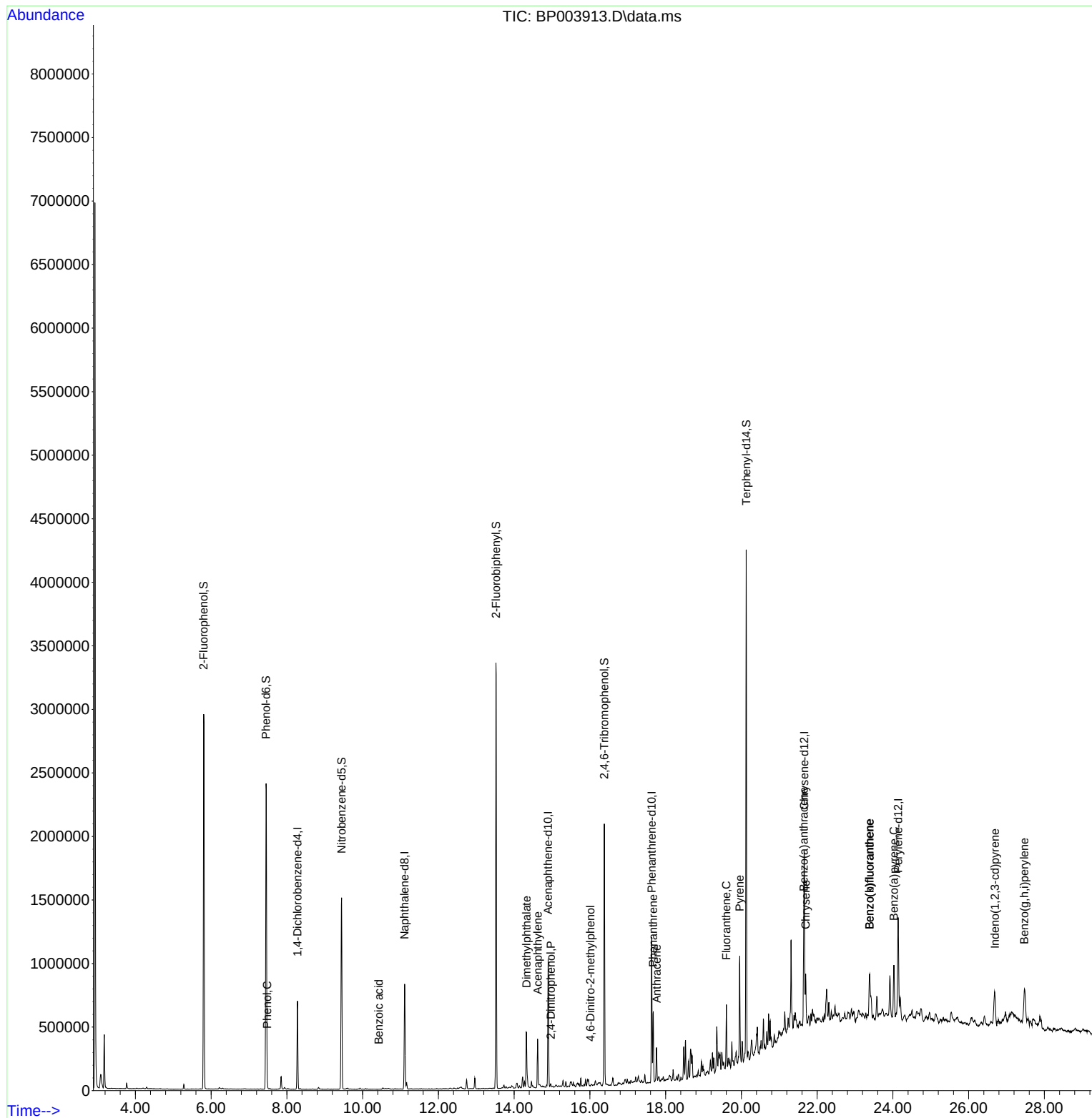
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	180802	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	658822	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	348339	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	692622	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	576937	20.00	ng	0.00
86) Perylene-d12	24.139	264	630588	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	1186303	109.51	ng	0.00
7) Phenol-d6	7.451	99	1321487	84.98	ng	0.00
23) Nitrobenzene-d5	9.445	82	849964	63.18	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	374985	86.07	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1695300	68.04	ng	0.00
79) Terphenyl-d14	20.127	244	1663842	55.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.375	77	201	Below Cal	#	65
10) Phenol	7.481	94	31622	2.11 ng		75
32) Benzoic acid	10.428	122	180	8.33 ng	#	62
49) Acenaphthylene	14.622	152	272612	8.37 ng		98
50) Dimethylphthalate	14.327	163	279682	10.27 ng		99
54) 2,4-Dinitrophenol	14.969	184	52	2.76 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.016	198	52	6.35 ng	#	1
71) Phenanthrene	17.674	178	325851	8.38 ng		99
72) Anthracene	17.763	178	175006	4.66 ng		99
75) Fluoranthene	19.604	202	283609	6.32 ng		98
78) Pyrene	19.957	202	467028	11.93 ng		98
81) Benzo(a)anthracene	21.645	228	244525	6.43 ng		96
83) Chrysene	21.698	228	258389	7.07 ng		97
87) Indeno(1,2,3-cd)pyrene	26.692	276	275196	6.05 ng	#	93
88) Benzo(b)fluoranthene	23.386	252	445766	10.80 ng		98
89) Benzo(k)fluoranthene	23.386	252	445766	10.94 ng		98
90) Benzo(a)pyrene	24.027	252	298091	7.80 ng		98
92) Benzo(g,h,i)perylene	27.474	276	372272	10.14 ng		98

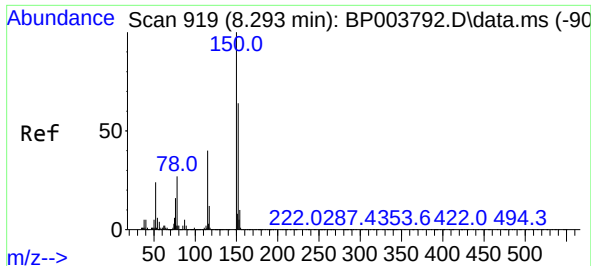
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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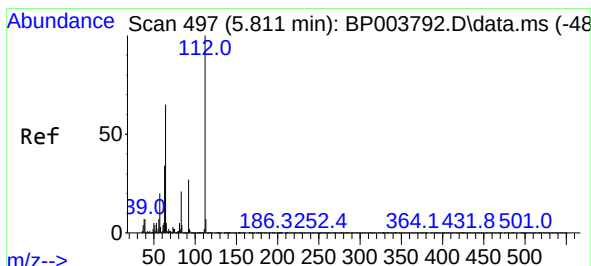
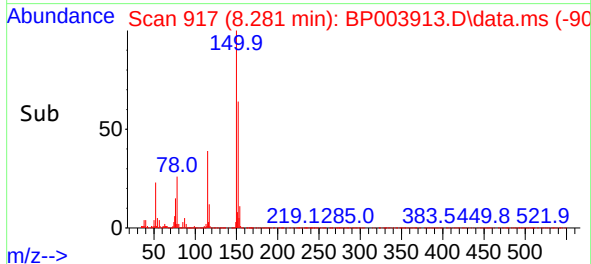
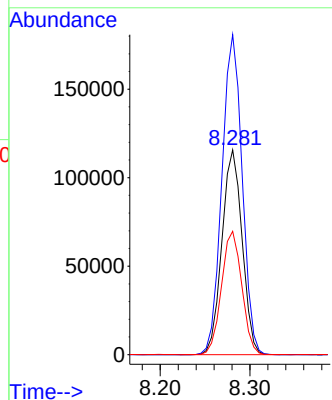
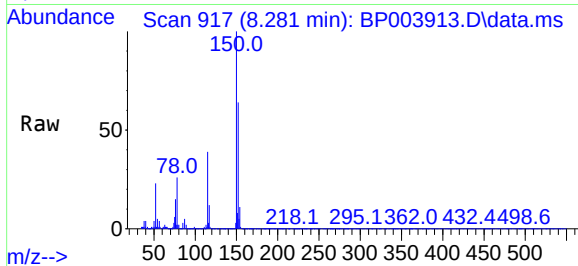




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

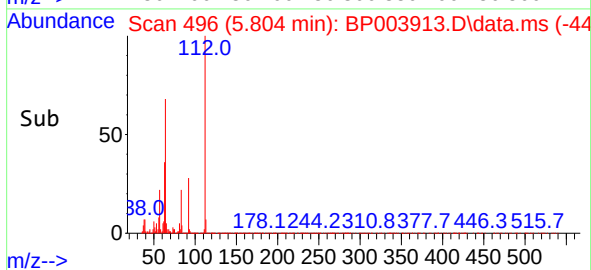
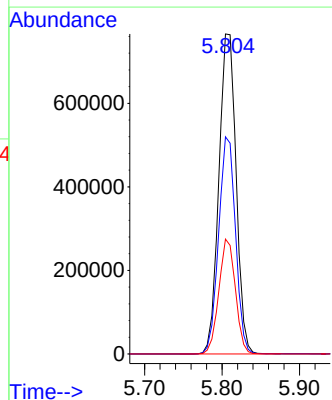
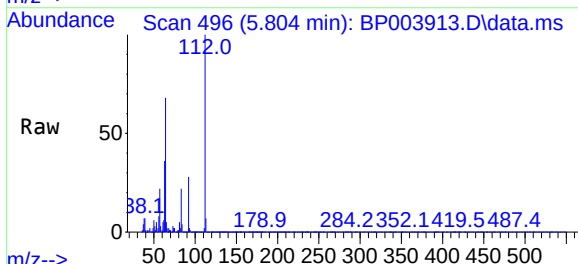
Instrument :
BNA_P
ClientSampleId :
TP-1-S

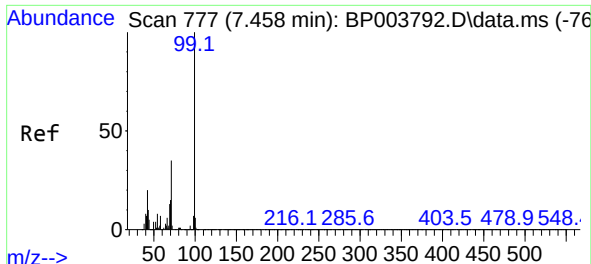
Tgt Ion:152 Resp: 180802
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 109.51 ng
RT: 5.804 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:112 Resp: 1186303
Ion Ratio Lower Upper
112 100
64 67.8 32.8 49.2#
63 35.9 17.0 25.4#

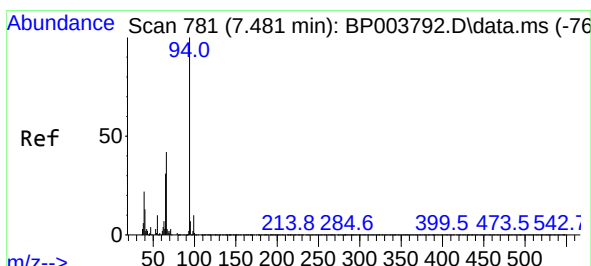
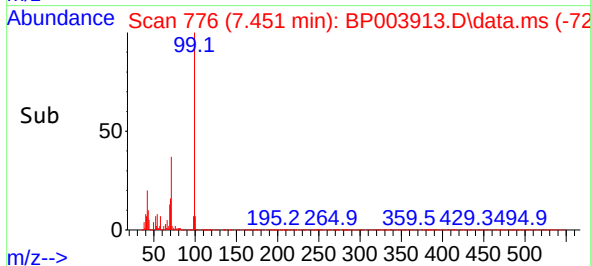
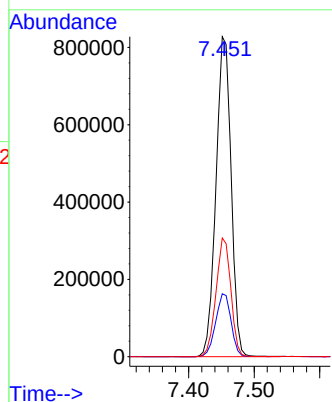
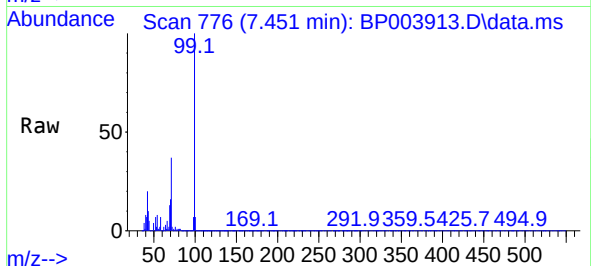




#7
Phenol-d6
Concen: 84.98 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

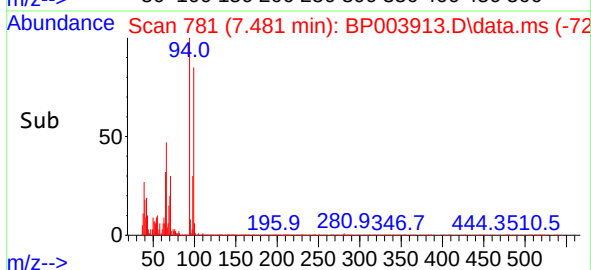
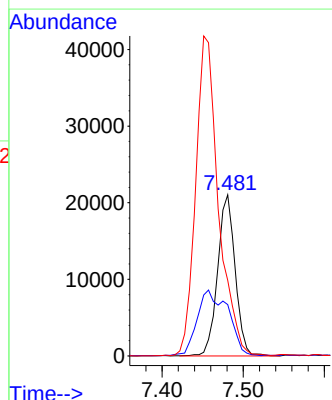
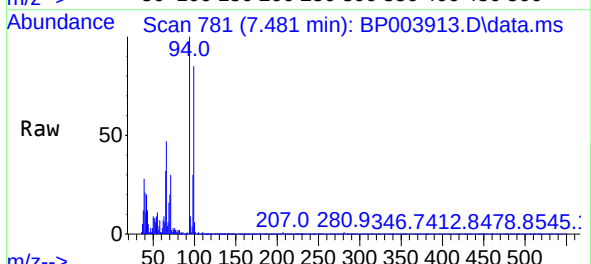
Instrument :
BNA_P
ClientSampleId :
TP-1-S

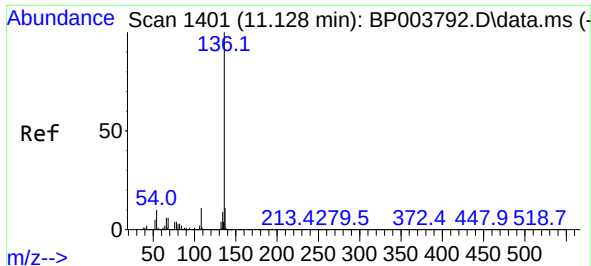
Tgt Ion: 99 Resp: 1321487
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 37.1 23.4 35.2#



#10
Phenol
Concen: 2.11 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.005 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion: 94 Resp: 31622
Ion Ratio Lower Upper
94 100
65 31.9 2.3 42.3
66 47.0 10.9 50.9

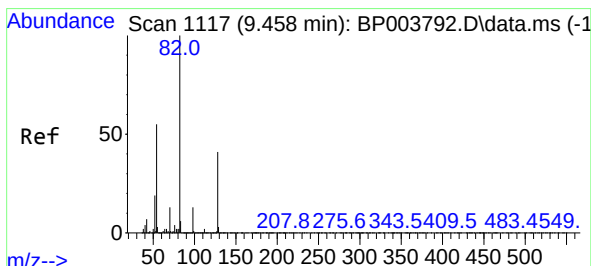
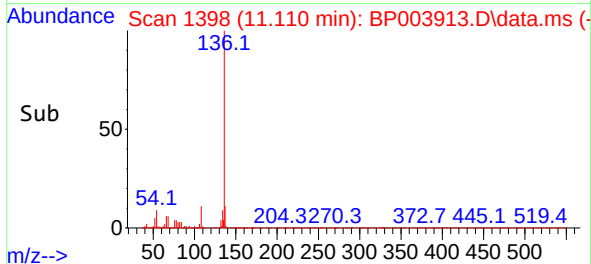
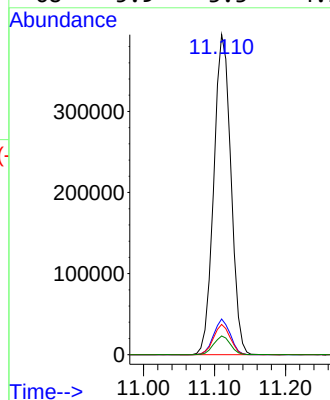
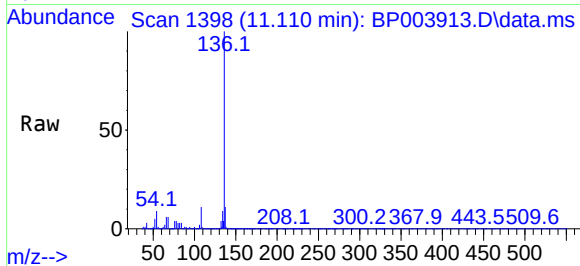




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

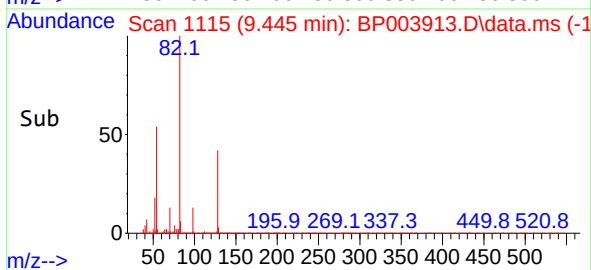
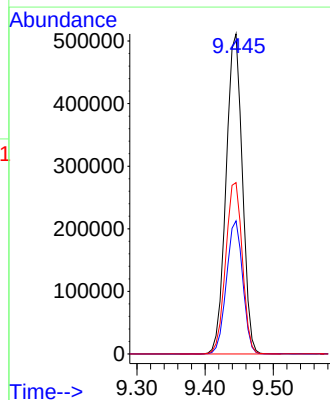
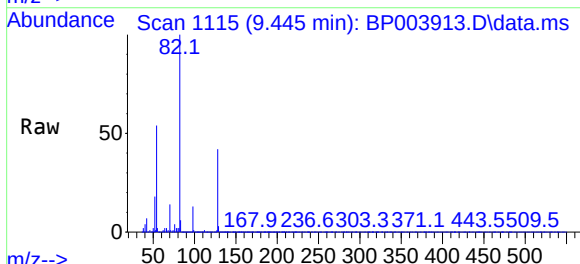
Instrument :
BNA_P
ClientSampled :
TP-1-S

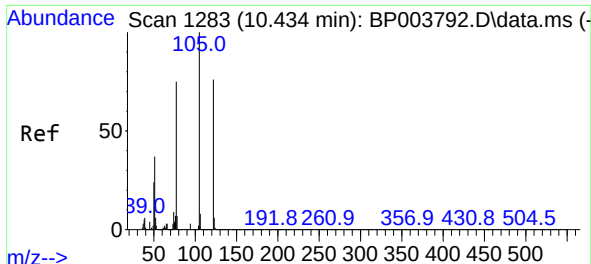
Tgt Ion:136 Resp: 658822
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.5 3.6 5.4#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.18 ng
RT: 9.445 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion: 82 Resp: 849964
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 53.5 30.1 45.1#

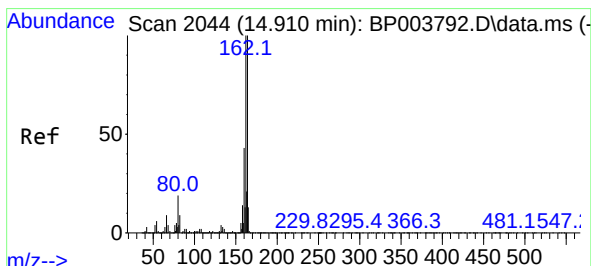
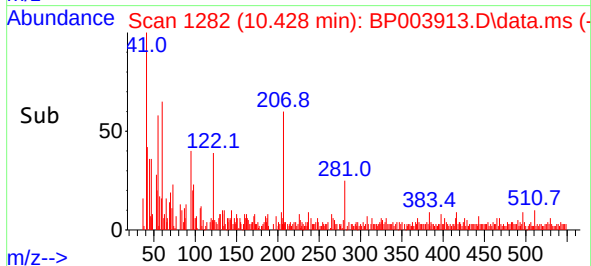
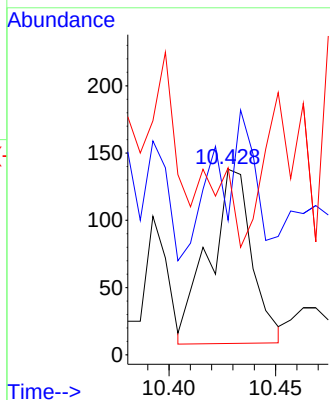
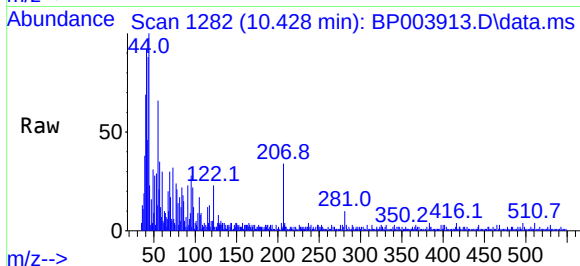




#32
Benzoic acid
Concen: 8.33 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

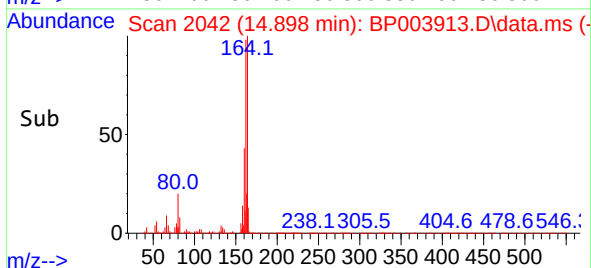
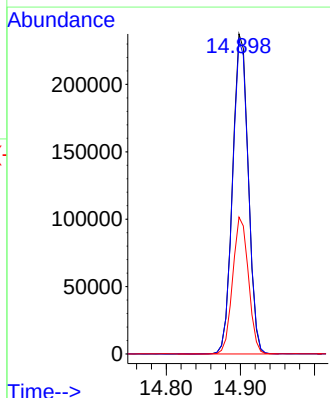
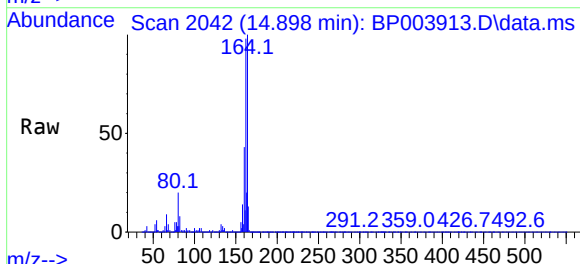
Instrument :
BNA_P
ClientSampleId :
TP-1-S

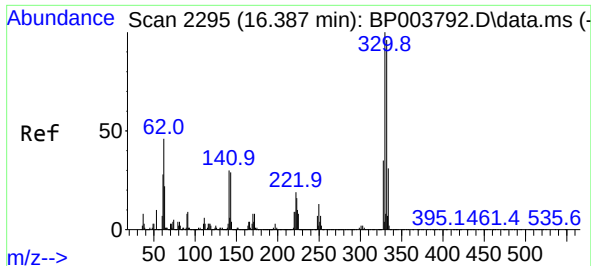
Tgt Ion:	122	Resp:	180
Ion	Ratio	Lower	Upper
122	100		
105	72.5	94.1	134.1#
77	100.7	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:	164	Resp:	348339
Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.4	119.2
160	42.8	36.1	54.1

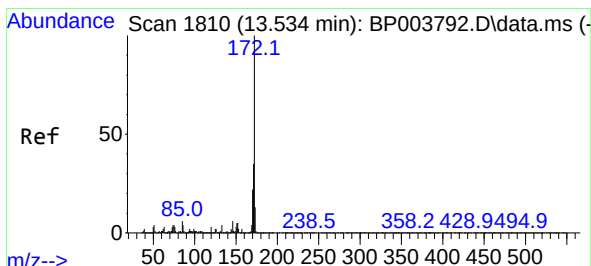
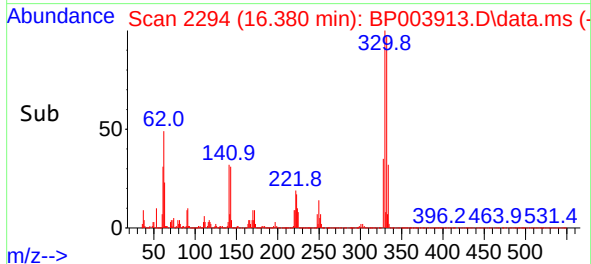
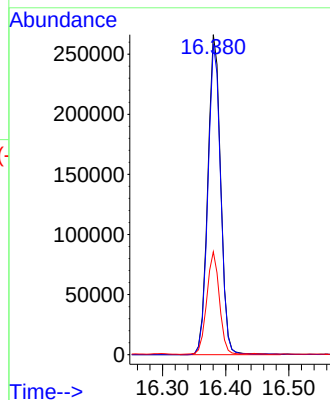
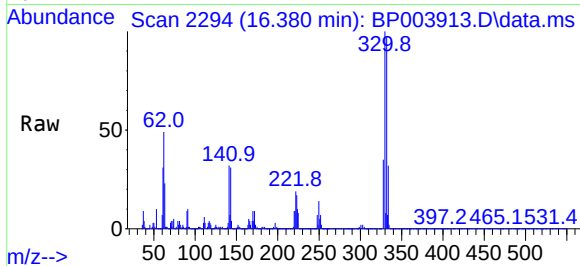




#42
2,4,6-Tribromophenol
Concen: 86.07 ng
RT: 16.380 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

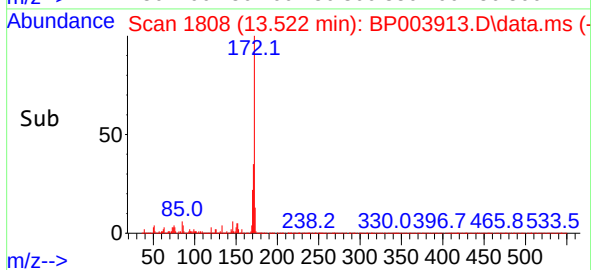
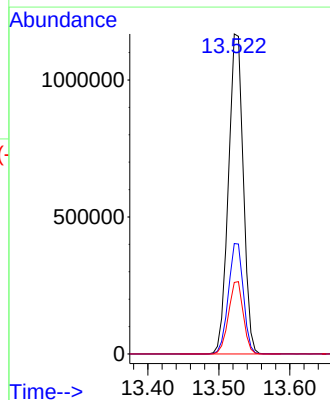
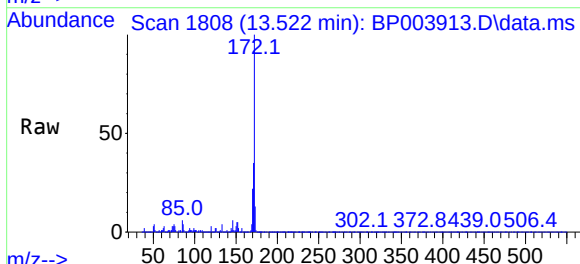
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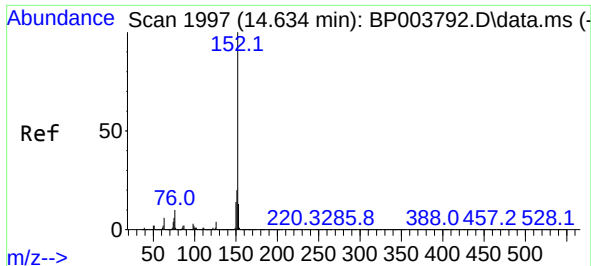
Tgt Ion:330 Resp: 374985
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 31.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 68.04 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:172 Resp: 1695300
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.4 19.2 28.8

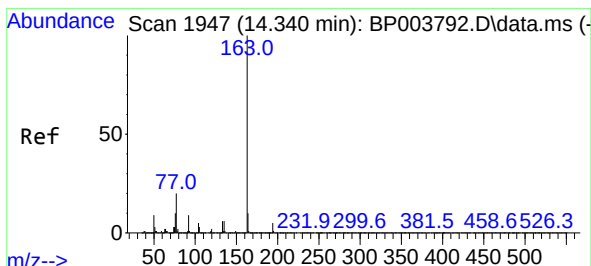
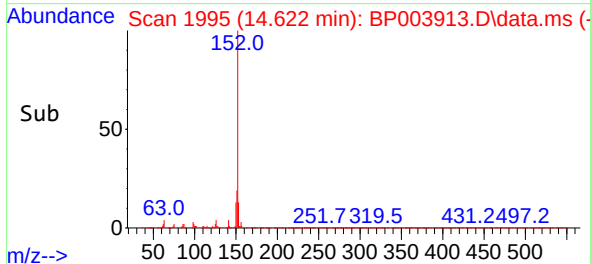
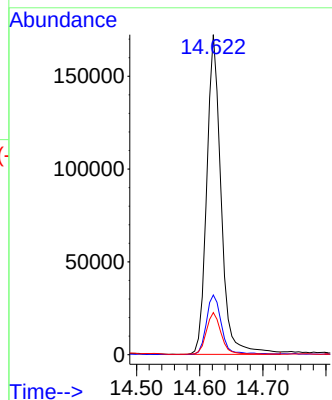
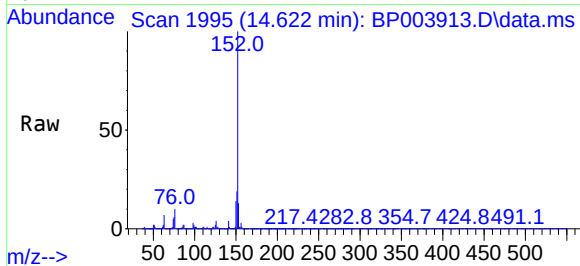




#49
Acenaphthylene
Concen: 8.37 ng
RT: 14.622 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

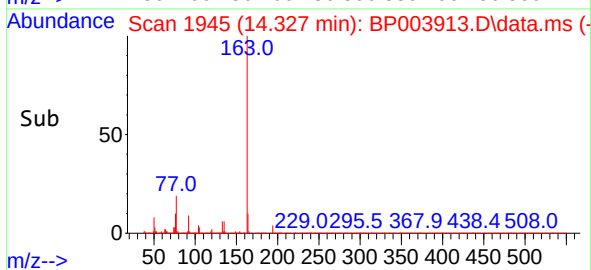
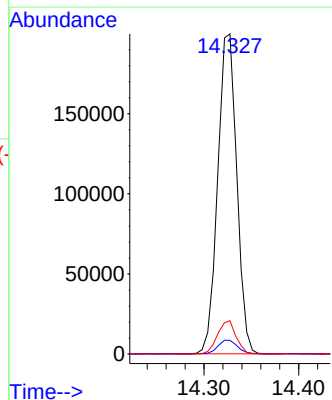
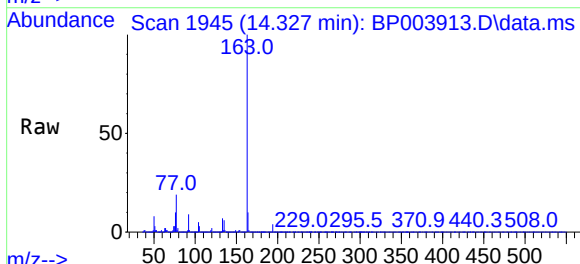
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TP-1-S

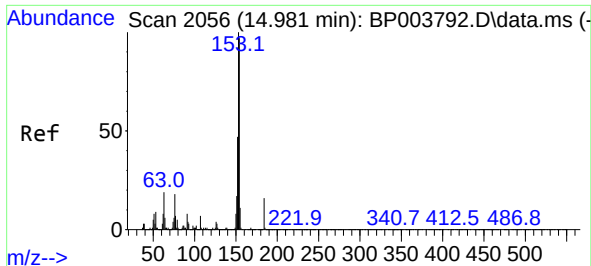
Tgt Ion:152 Resp: 272612
Ion Ratio Lower Upper
152 100
151 18.7 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 10.27 ng
RT: 14.327 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:163 Resp: 279682
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.2

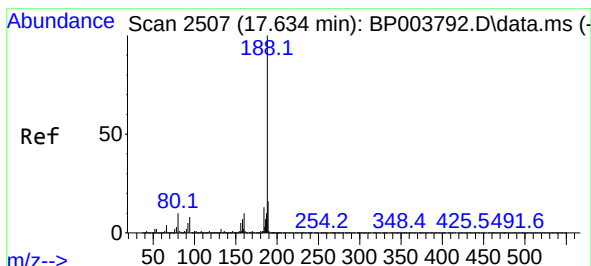
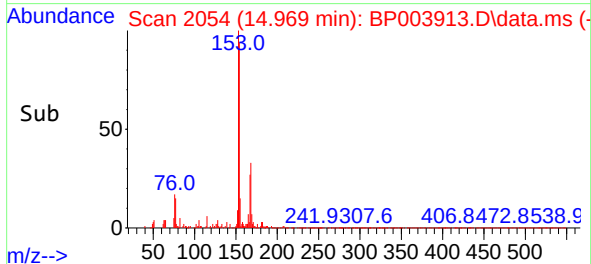
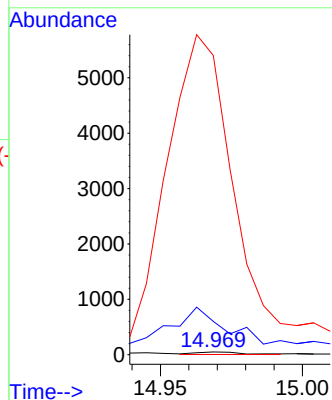
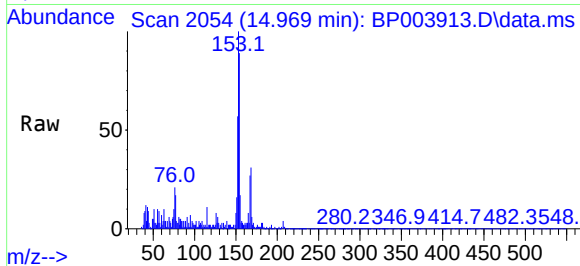




#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.018 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

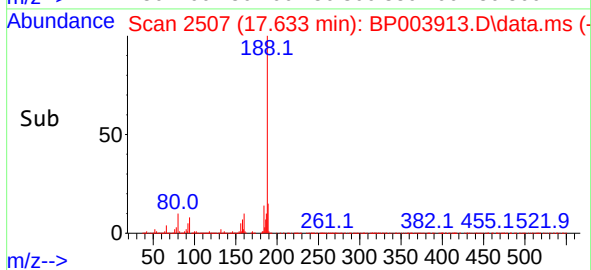
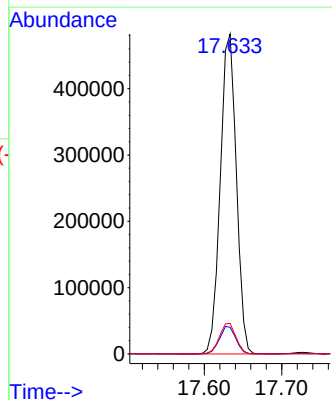
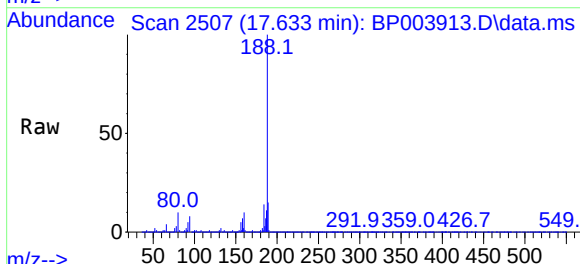
Instrument :
BNA_P
ClientSampled :
TP-1-S

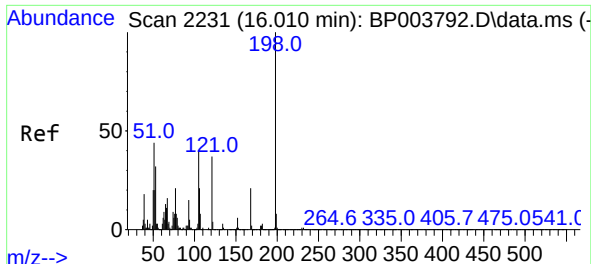
Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 1202.0 32.3 48.5#
154 10804.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:188 Resp: 692622
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.6 6.2 9.2#

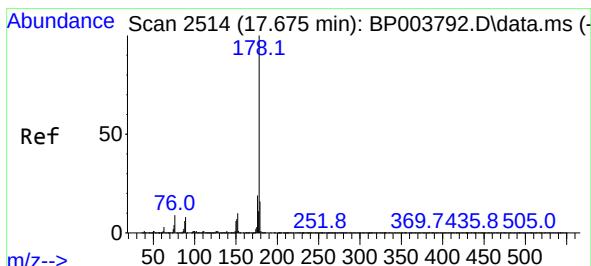
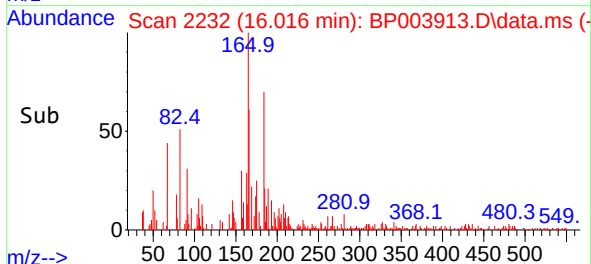
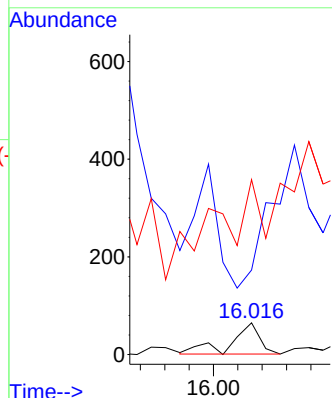
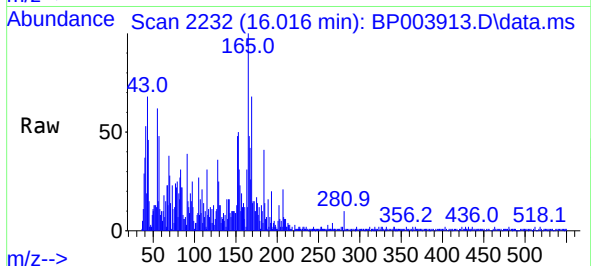




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.005 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

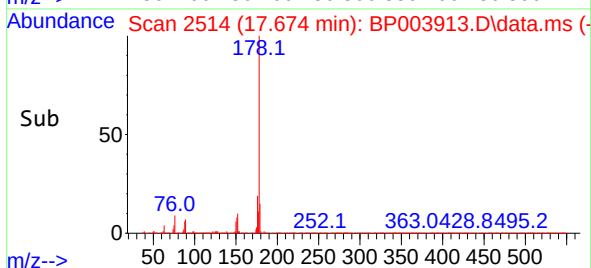
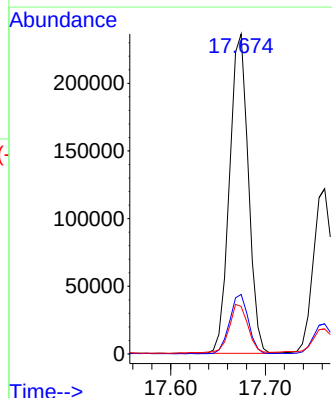
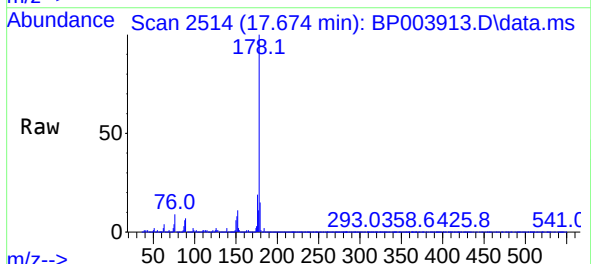
Instrument :
BNA_P
ClientSampleId :
TP-1-S

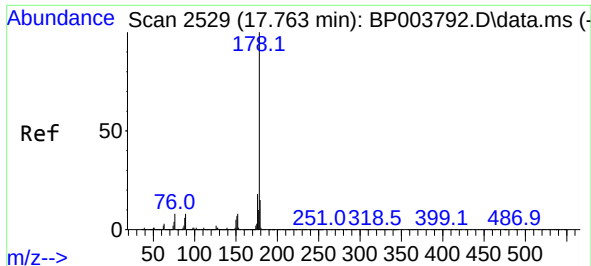
Tgt Ion:198 Resp: 52
Ion Ratio Lower Upper
198 100
51 266.2 6.4 46.4#
105 550.8 18.9 58.9#



#71
Phenanthrene
Concen: 8.38 ng
RT: 17.674 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:178 Resp: 325851
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.8 12.5 18.7

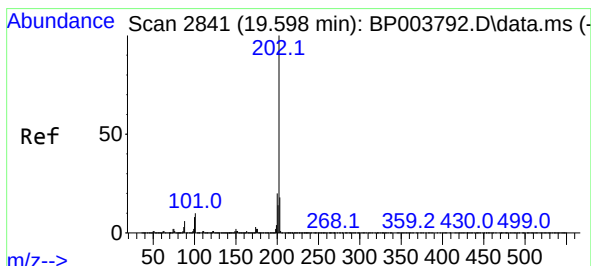
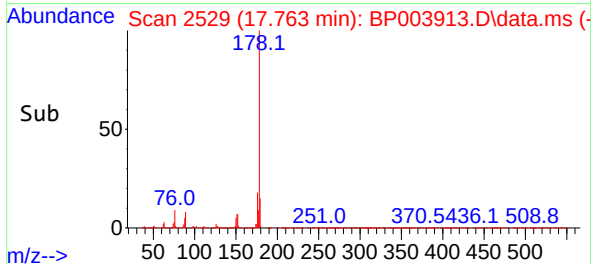
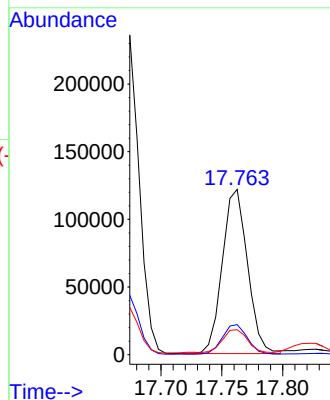
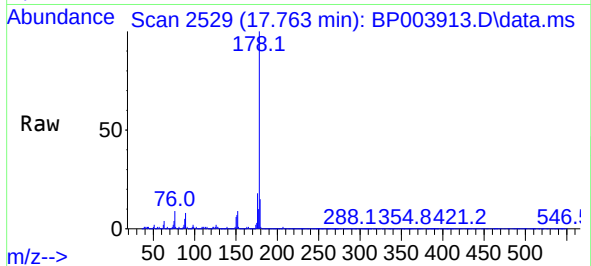




#72
 Anthracene
 Concen: 4.66 ng
 RT: 17.763 min Scan# 2529
 Delta R.T. -0.000 min
 Lab File: BP003913.D
 Acq: 10 Nov 2020 21:17

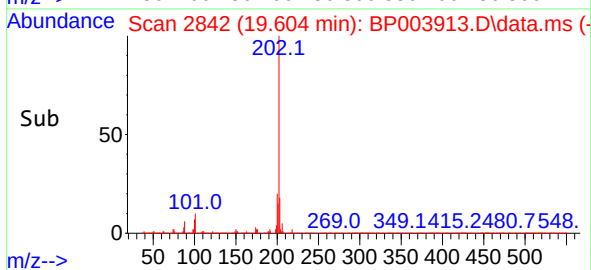
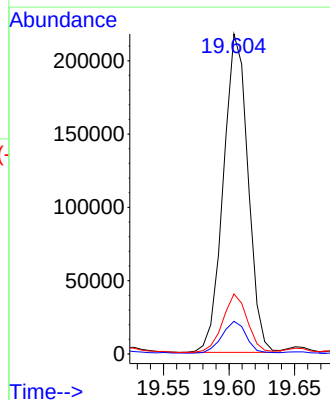
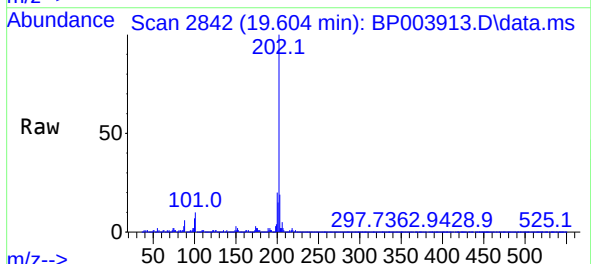
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

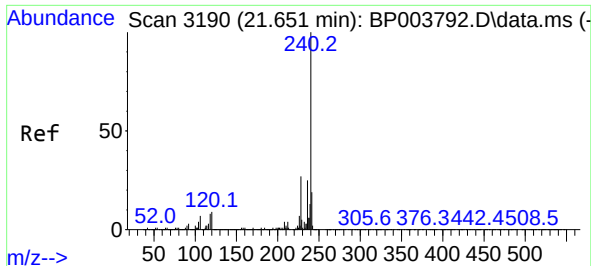
Tgt Ion:	178	Resp:	175006
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.1	12.5	18.7



#75
 Fluoranthene
 Concen: 6.32 ng
 RT: 19.604 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: BP003913.D
 Acq: 10 Nov 2020 21:17

Tgt Ion:	202	Resp:	283609
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	18.8	0.0	37.8

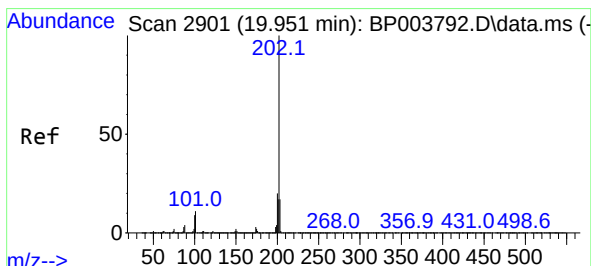
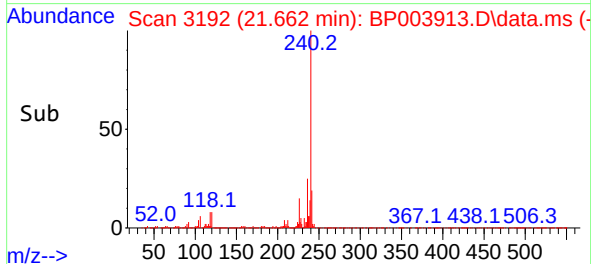
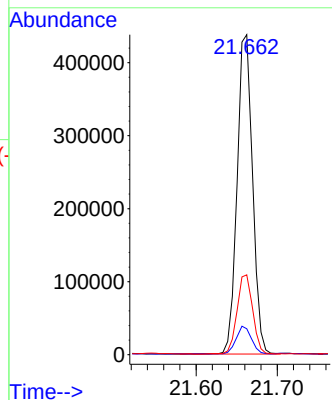
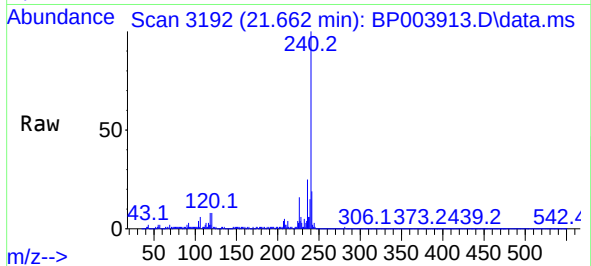




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

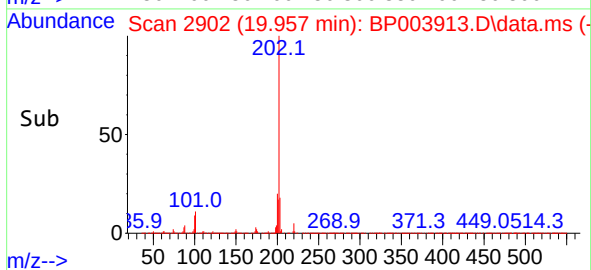
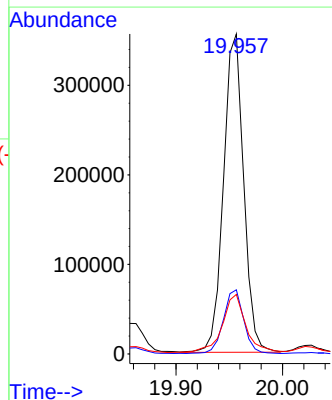
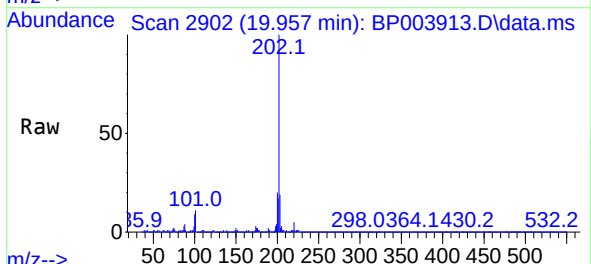
Instrument :
BNA_P
ClientSampleId :
TP-1-S

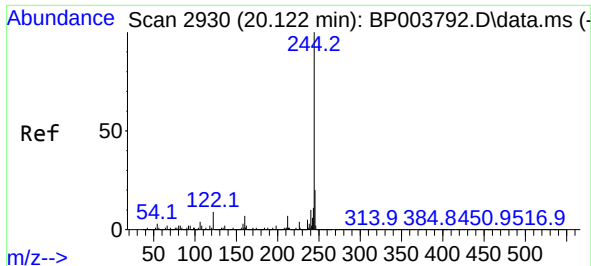
Tgt Ion:240 Resp: 576937
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 24.9 20.8 31.2



#78
Pyrene
Concen: 11.93 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.005 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:202 Resp: 467028
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 18.6 14.2 21.2

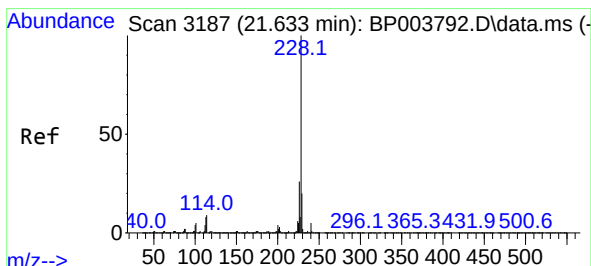
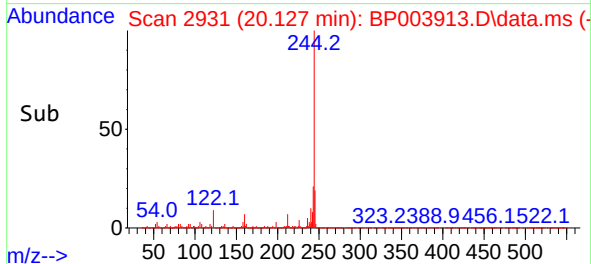
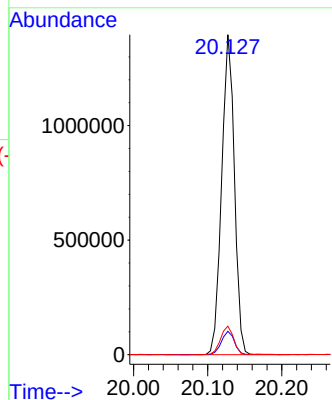
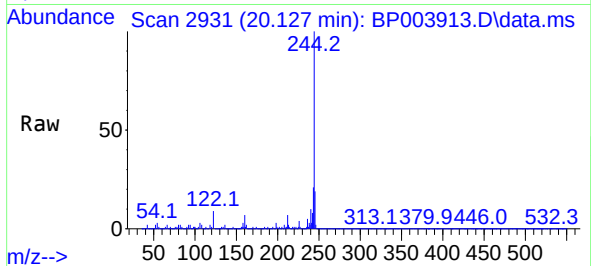




#79
 Terphenyl-d14
 Concen: 55.72 ng
 RT: 20.127 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: BP003913.D
 Acq: 10 Nov 2020 21:17

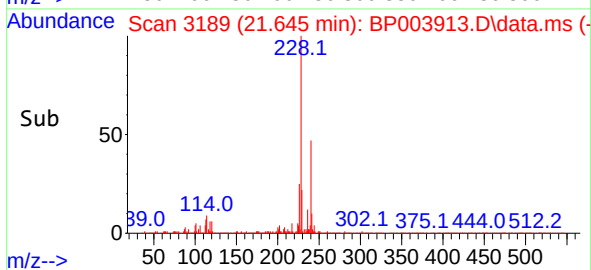
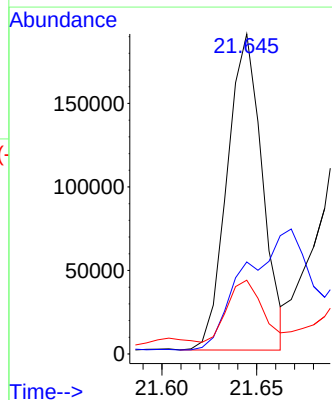
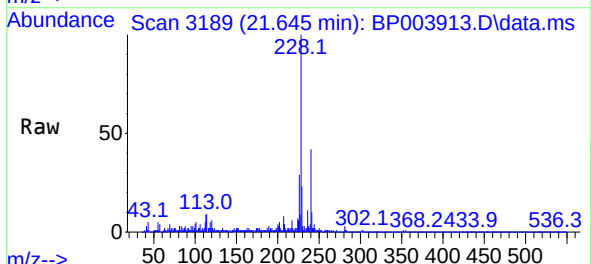
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

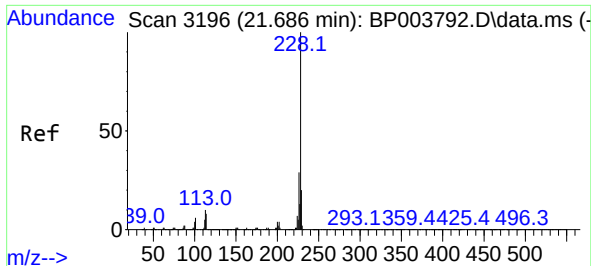
Tgt Ion:244 Resp: 1663842
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.9 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 6.43 ng
 RT: 21.645 min Scan# 3189
 Delta R.T. -0.000 min
 Lab File: BP003913.D
 Acq: 10 Nov 2020 21:17

Tgt Ion:228 Resp: 244525
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.1 33.1
 229 23.1 15.9 23.9



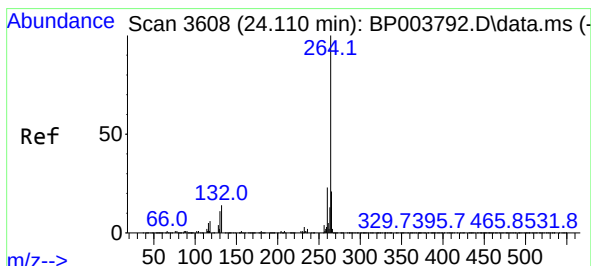
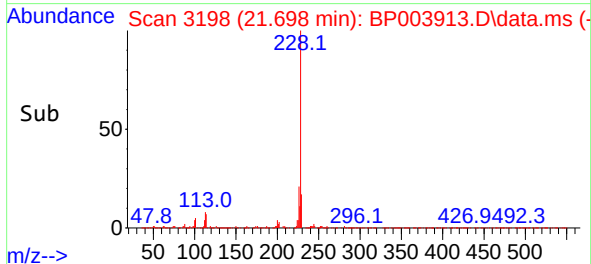
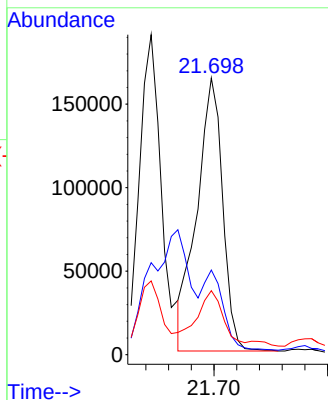
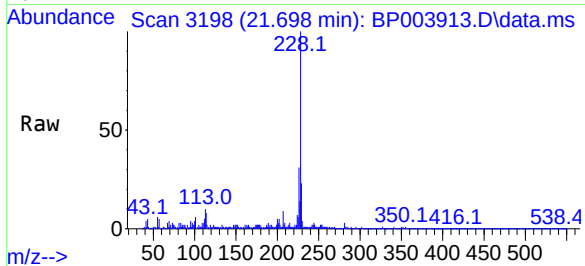


#83
Chrysene
Concen: 7.07 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Instrument :
BNA_P
ClientSampleId :
TP-1-S

Tgt Ion:228 Resp: 258389

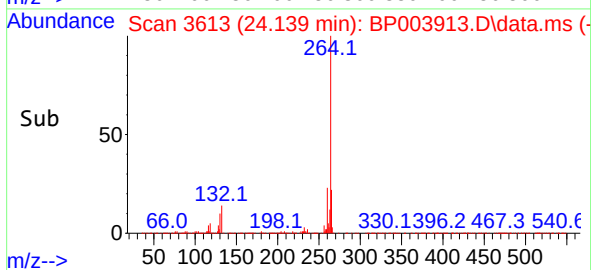
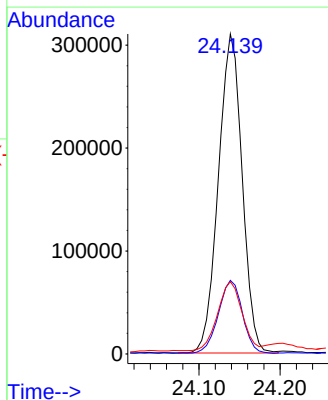
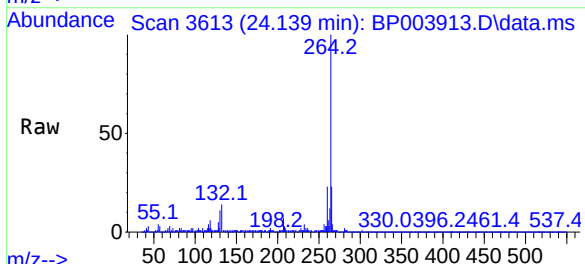
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.2	15.8	23.6

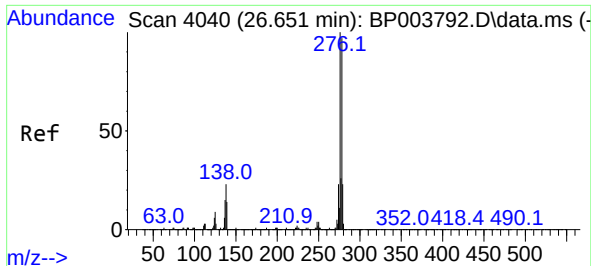


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.011 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion:264 Resp: 630588

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	22.6	17.4	26.2

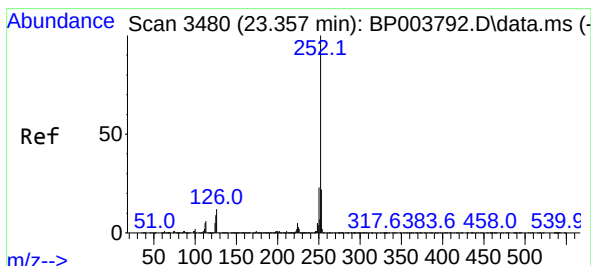
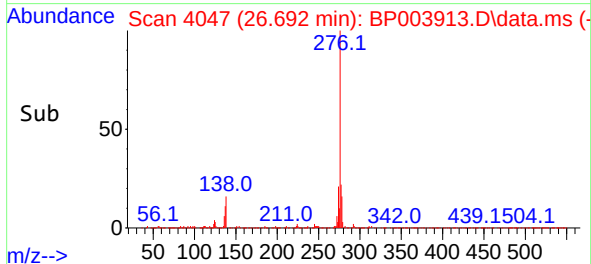
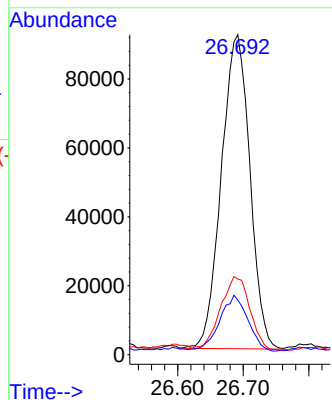
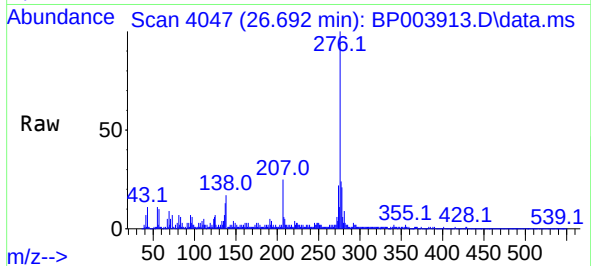




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.05 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.005 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

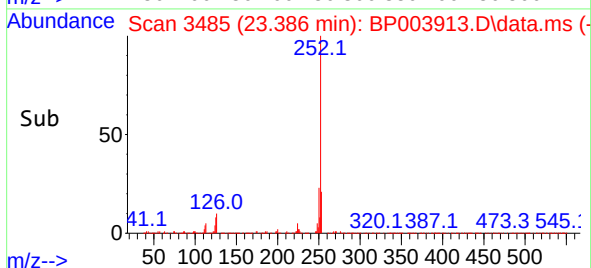
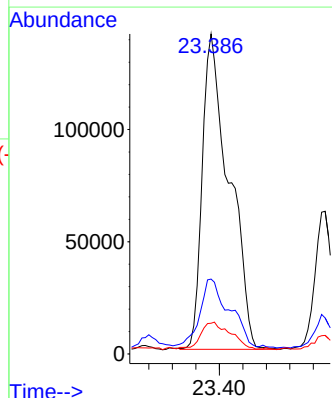
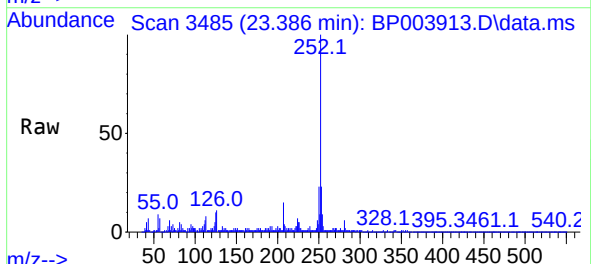
Instrument :
BNA_P
ClientSampleId :
TP-1-S

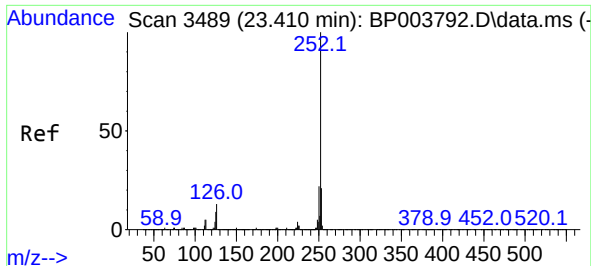
Tgt Ion: 276 Resp: 275196
Ion Ratio Lower Upper
276 100
138 17.5 18.7 28.1#
277 24.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 10.80 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.005 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Tgt Ion: 252 Resp: 445766
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 9.6 7.3 10.9

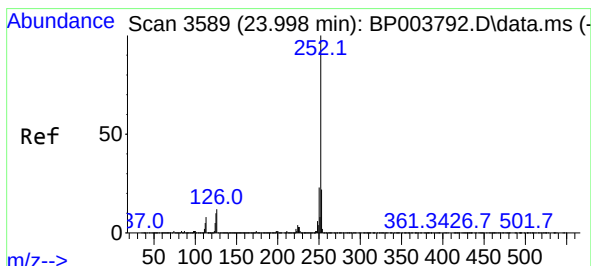
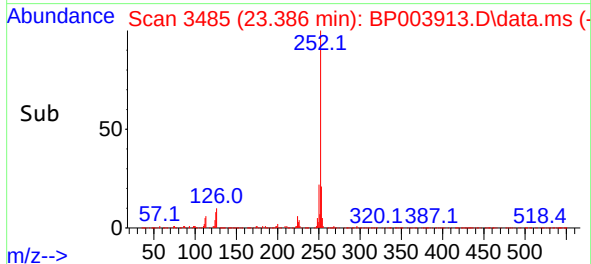
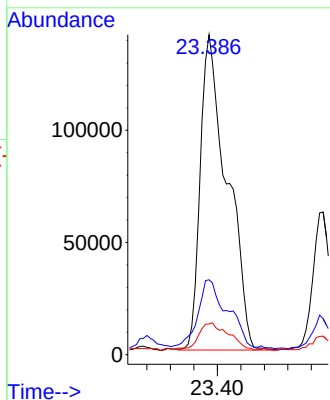
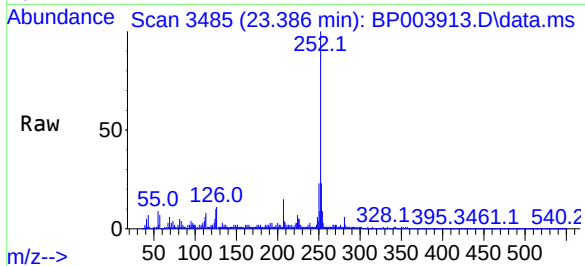




#89
Benzo(k)fluoranthene
Concen: 10.94 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.042 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

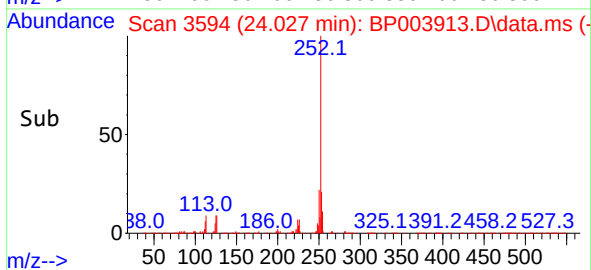
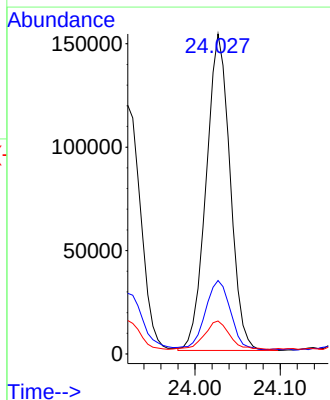
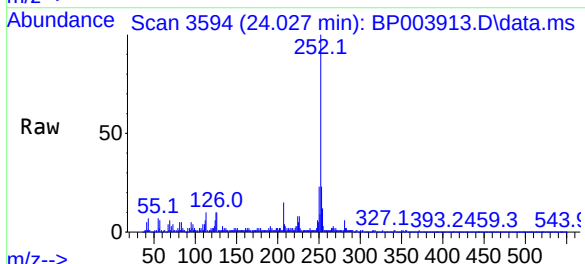
Instrument :
BNA_P
ClientSampleId :
TP-1-S

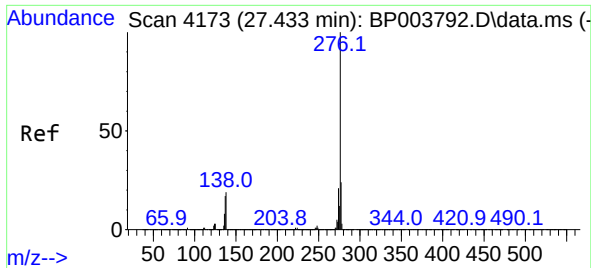
Tgt Ion:252 Resp: 445766
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 7.80 ng
RT: 24.027 min Scan# 3594
Delta R.T. 0.006 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

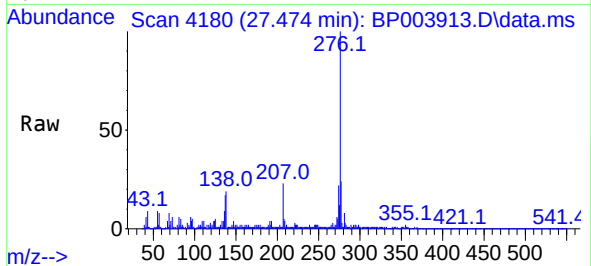
Tgt Ion:252 Resp: 298091
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.3 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 10.14 ng
RT: 27.474 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BP003913.D
Acq: 10 Nov 2020 21:17

Instrument :
BNA_P
ClientSampleId :
TP-1-S



Tgt Ion:276 Resp: 372272
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 19.5 16.6 24.8

