

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003943.D
 Acq On : 12 Nov 2020 17:41
 Operator : CG/JU
 Sample : L4685-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11978

Quant Time: Nov 13 00:15:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

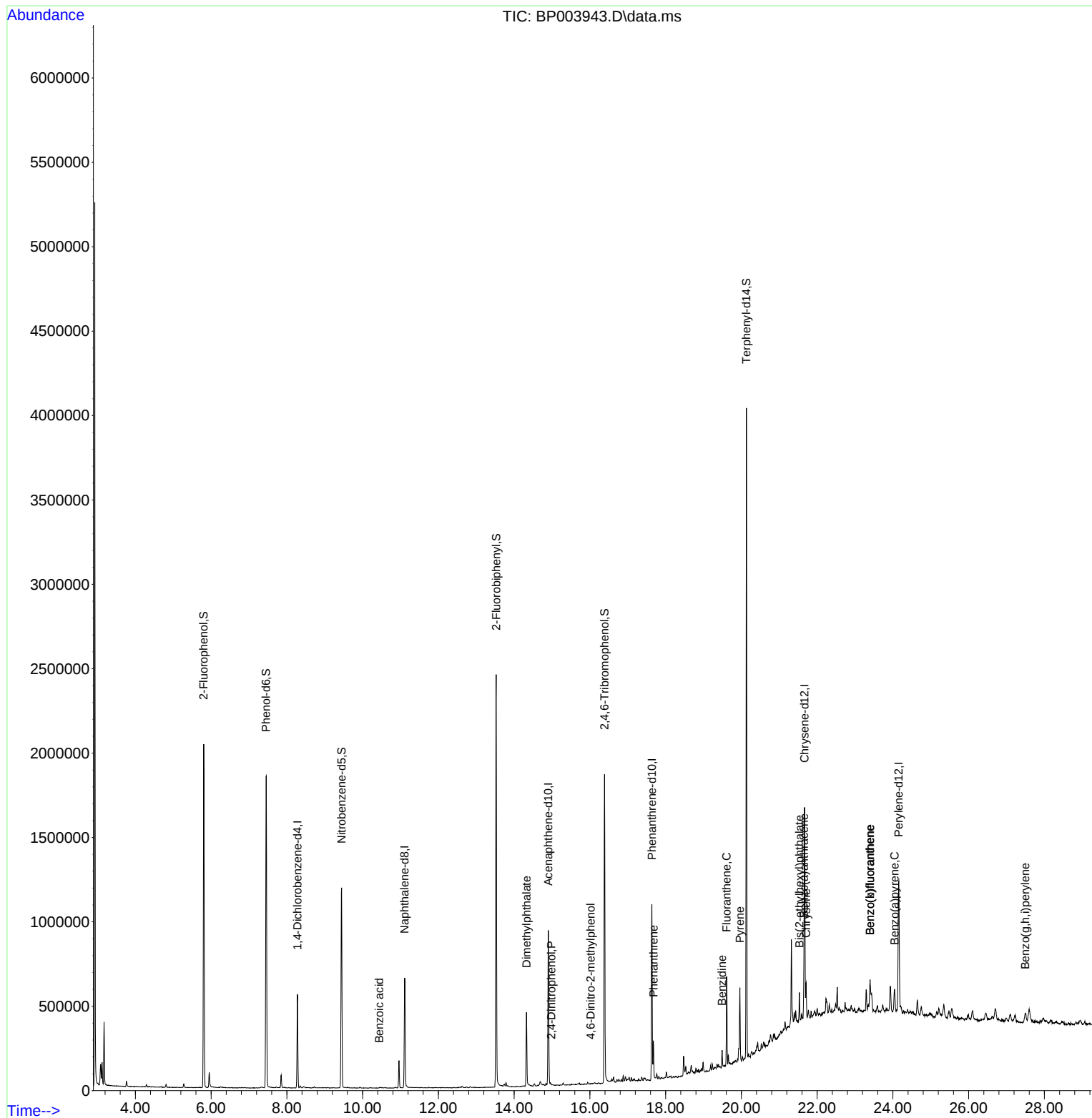
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	144245	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	530753	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	306038	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	628059	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	591110	20.00	ng	0.00
86) Perylene-d12	24.156	264	634759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	803001	92.91	ng	0.00
7) Phenol-d6	7.451	99	1031638	83.15	ng	0.00
23) Nitrobenzene-d5	9.445	82	665927	61.45	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	344301	89.95	ng	0.00
45) 2-Fluorobiphenyl	13.527	172	1298958	59.34	ng	0.00
79) Terphenyl-d14	20.133	244	1536647	50.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.392	77	268	Below Cal	#	29
32) Benzoic acid	10.439	122	62	8.32 ng	#	1
50) Dimethylphthalate	14.327	163	282334	11.80 ng		99
54) 2,4-Dinitrophenol	14.980	184	20	2.74 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.021	198	18	6.35 ng	#	1
71) Phenanthrene	17.680	178	136017	3.86 ng		100
75) Fluoranthene	19.609	202	310547	7.64 ng		99
77) Benzidine	19.492	184	39825	2.86 ng	#	86
78) Pyrene	19.962	202	256418	6.39 ng		99
81) Benzo(a)anthracene	21.651	228	117332	3.01 ng		98
83) Chrysene	21.709	228	134654	3.60 ng		96
84) Bis(2-ethylhexyl)phtha...	21.533	149	56793	2.58 ng		99
88) Benzo(b)fluoranthene	23.397	252	158125	3.81 ng	#	95
89) Benzo(k)fluoranthene	23.397	252	158125	3.86 ng	#	96
90) Benzo(a)pyrene	24.044	252	103991	2.70 ng	#	96
92) Benzo(g,h,i)perylene	27.497	276	77251	2.09 ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003943.D
Acq On : 12 Nov 2020 17:41
Operator : CG/JU
Sample : L4685-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11978

Quant Time: Nov 13 00:15:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

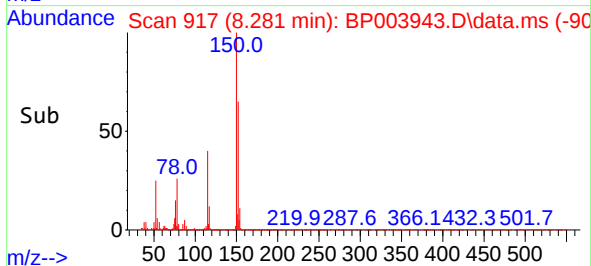
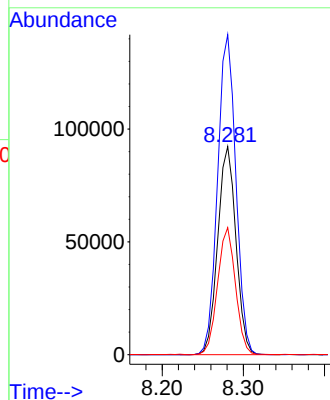
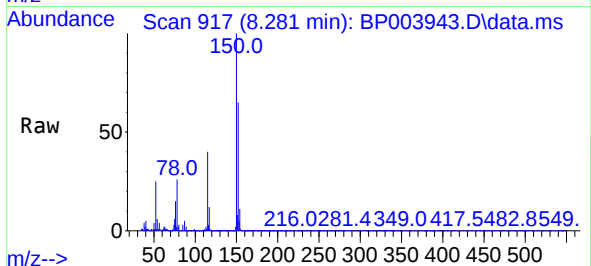




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

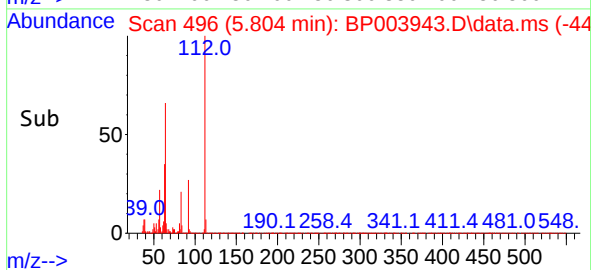
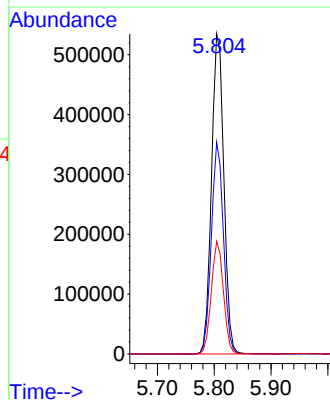
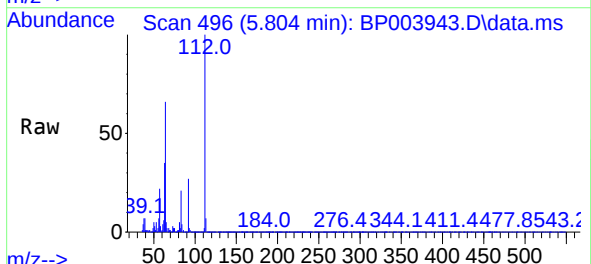
Instrument :
BNA_P
ClientSampleId :
72-11978

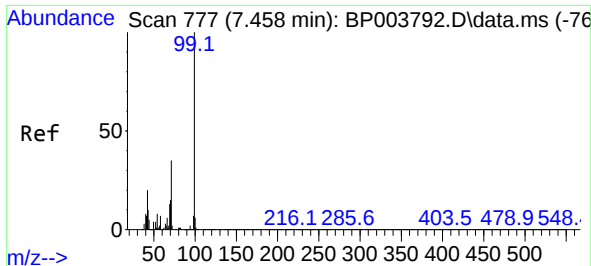
Tgt Ion:152 Resp: 144245
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 61.0 43.8 65.6



#5
2-Fluorophenol
Concen: 92.91 ng
RT: 5.804 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:112 Resp: 803001
Ion Ratio Lower Upper
112 100
64 66.2 32.8 49.2#
63 35.2 17.0 25.4#

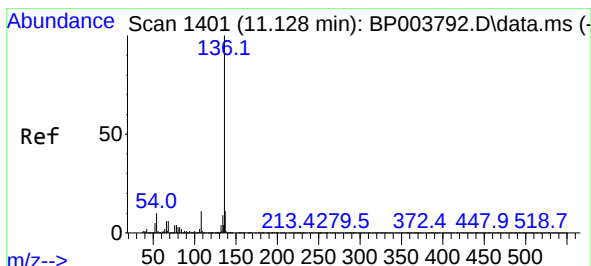
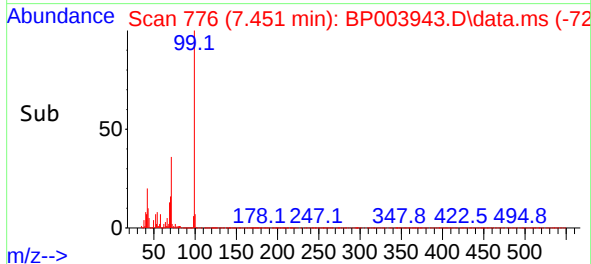
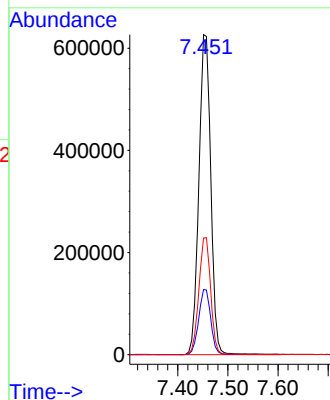
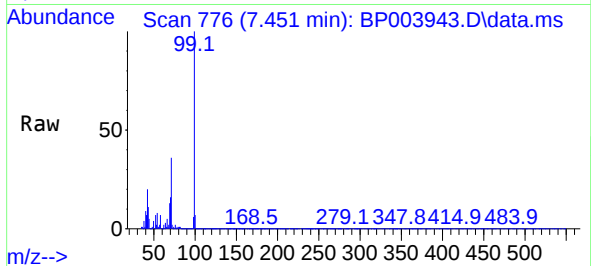




#7
Phenol-d6
Concen: 83.15 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

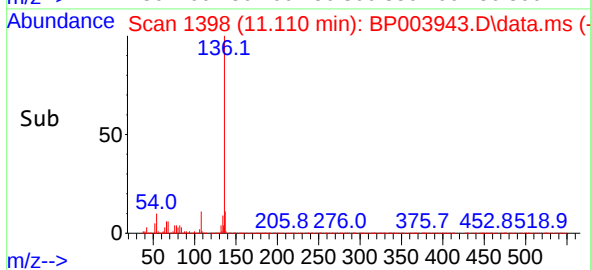
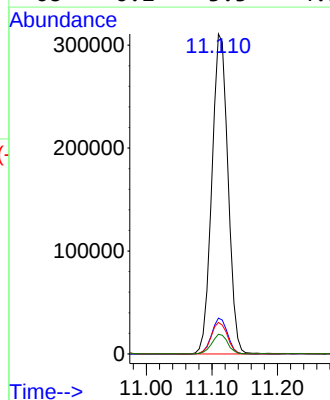
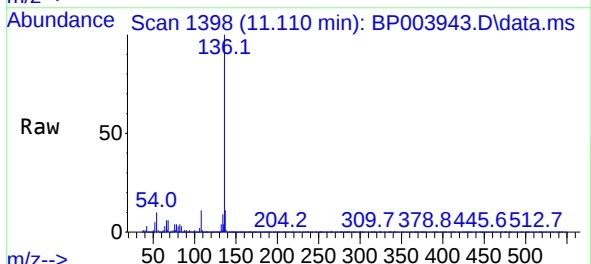
Instrument :
BNA_P
ClientSampleId :
72-11978

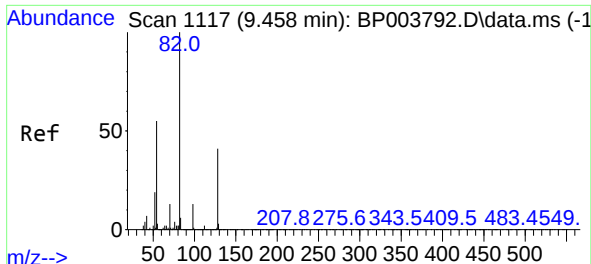
Tgt Ion: 99 Resp: 1031638
Ion Ratio Lower Upper
99 100
42 20.4 8.6 13.0#
71 36.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion: 136 Resp: 530753
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.9 3.6 5.4#
68 6.2 3.3 4.9#

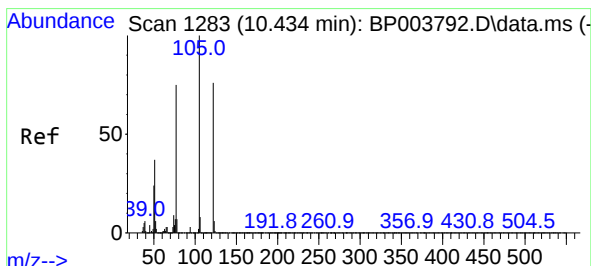
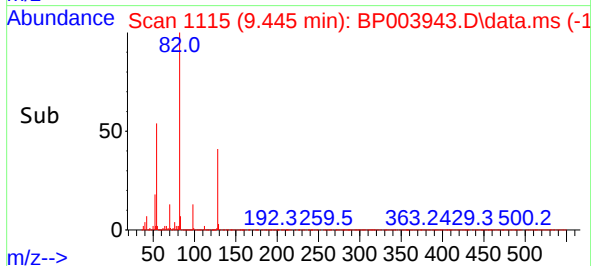
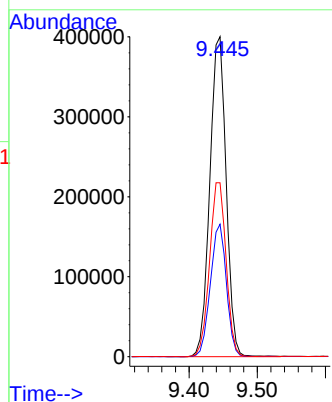
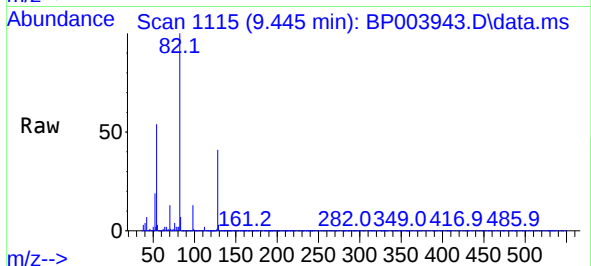




#23
Nitrobenzene-d5
Concen: 61.45 ng
RT: 9.445 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

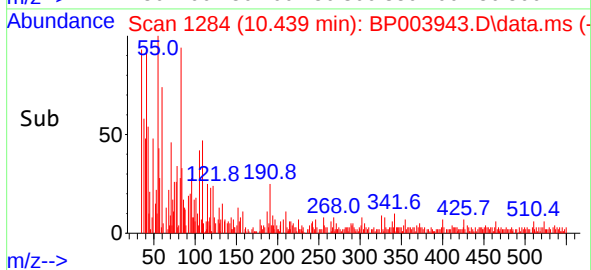
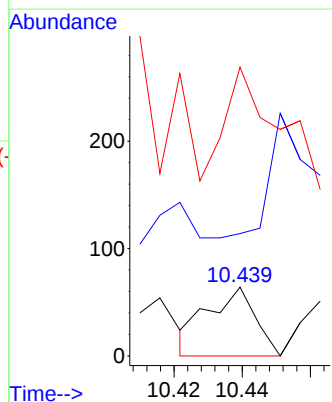
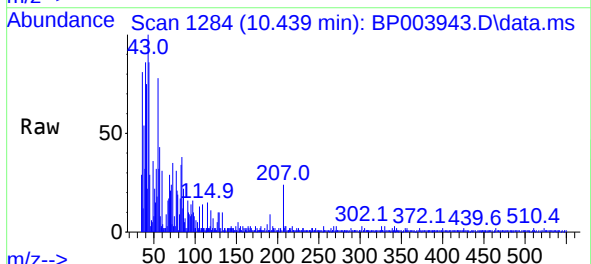
Instrument :
BNA_P
ClientSampleId :
72-11978

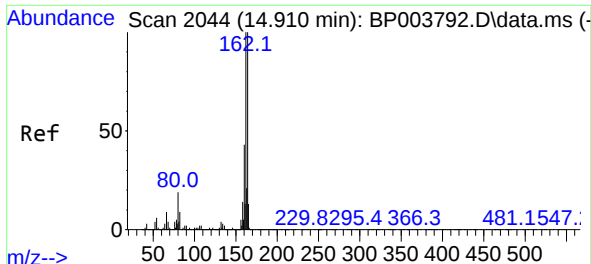
Tgt Ion: 82 Resp: 665927
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 54.4 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.439 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 178.1 94.1 134.1#
77 420.3 50.1 90.1#

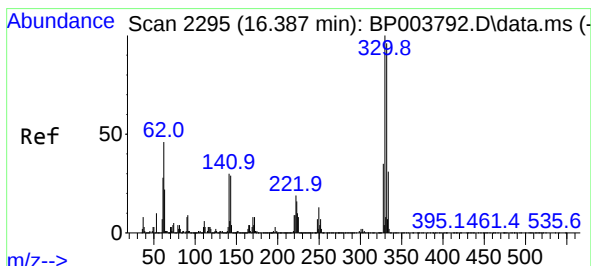
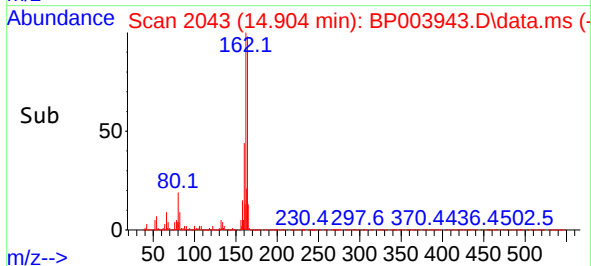
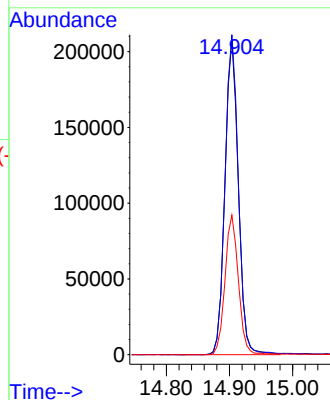
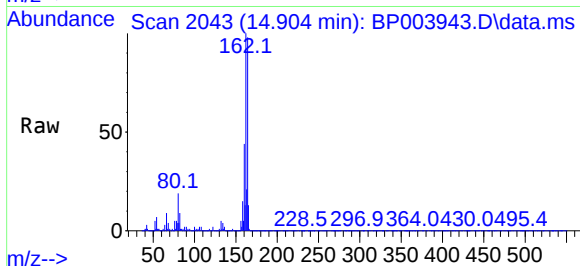




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

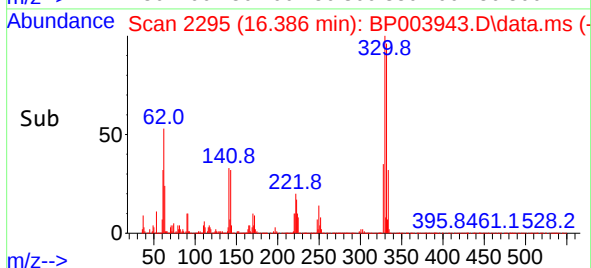
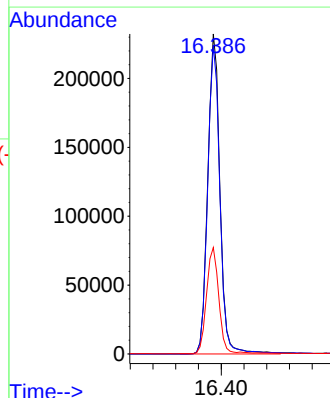
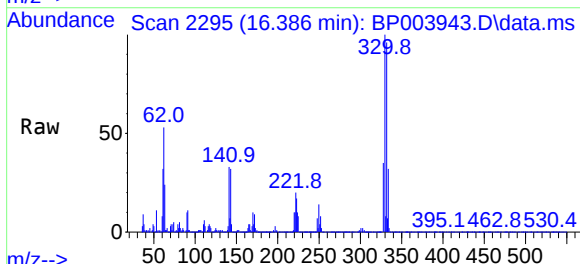
Instrument :
BNA_P
ClientSampleId :
72-11978

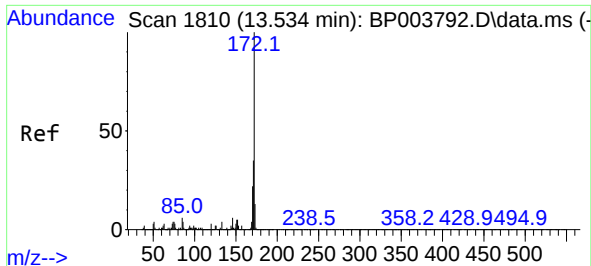
Tgt Ion:164 Resp: 306038
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 89.95 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:330 Resp: 344301
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 33.0 23.4 35.2

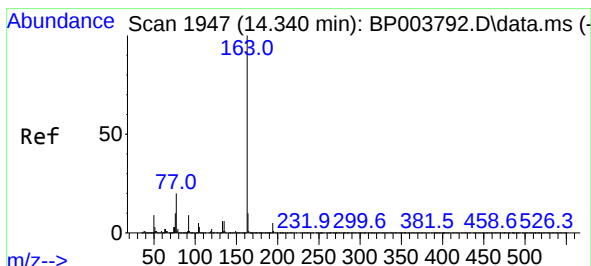
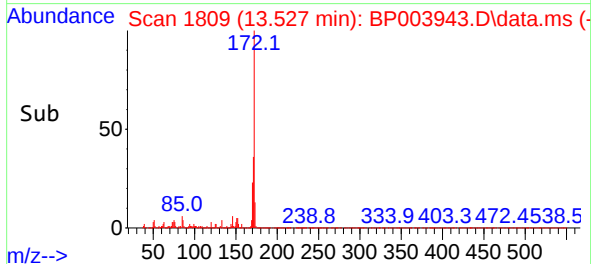
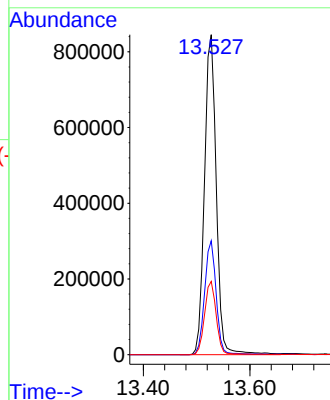
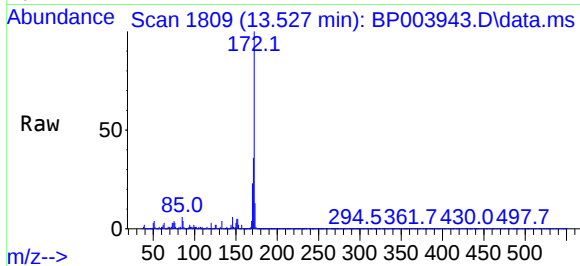




#45
2-Fluorobiphenyl
Concen: 59.34 ng
RT: 13.527 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

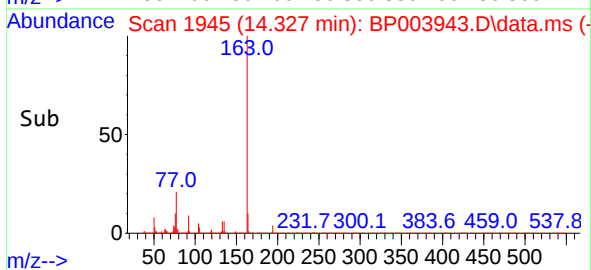
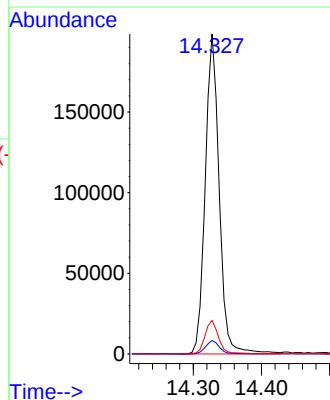
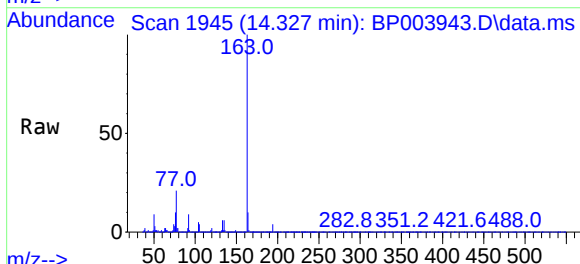
Instrument :
BNA_P
ClientSampleId :
72-11978

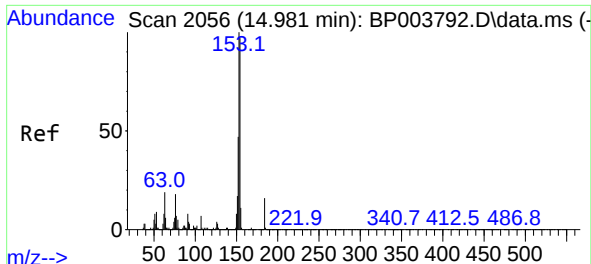
Tgt Ion:172 Resp: 1298958
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.9 19.2 28.8



#50
Dimethylphthalate
Concen: 11.80 ng
RT: 14.327 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:163 Resp: 282334
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2

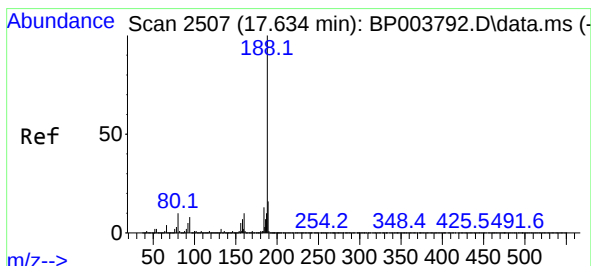
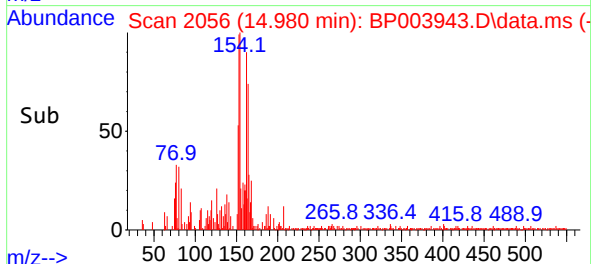
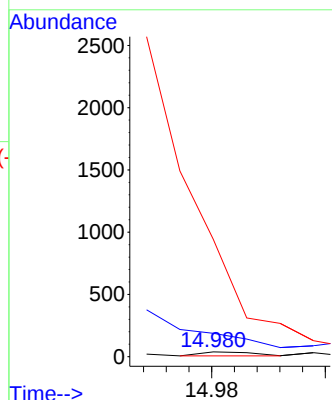
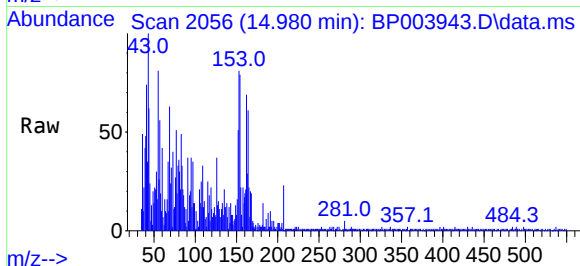




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.980 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

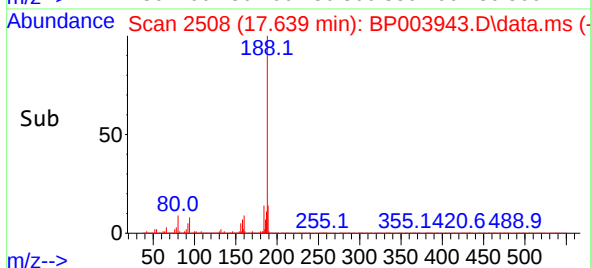
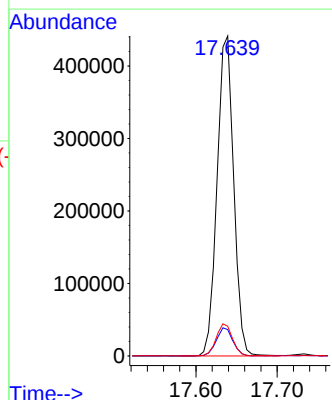
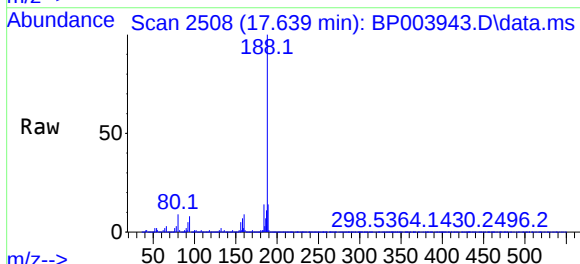
Instrument :
BNA_P
ClientSampleId :
72-11978

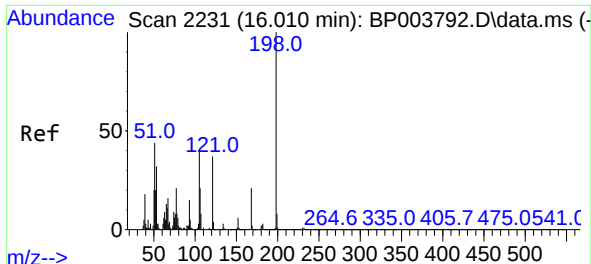
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 482.1 32.3 48.5#
154 2415.4 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:188 Resp: 628059
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.3 6.2 9.2#

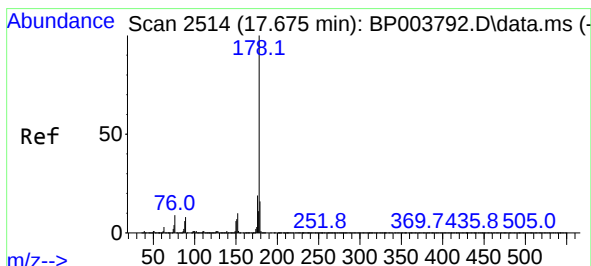
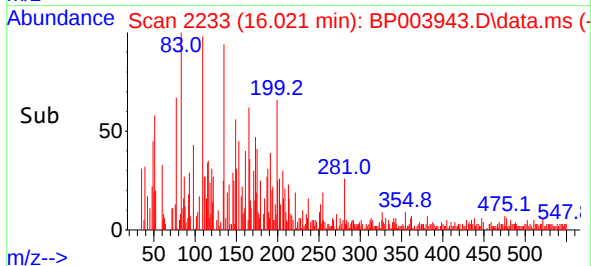
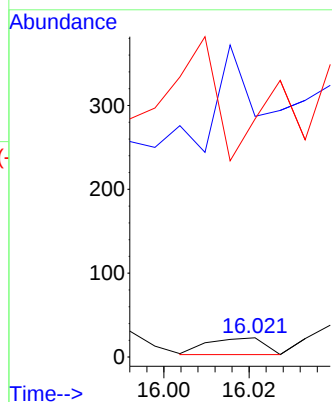
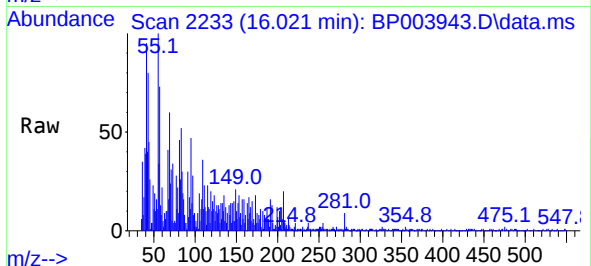




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.021 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

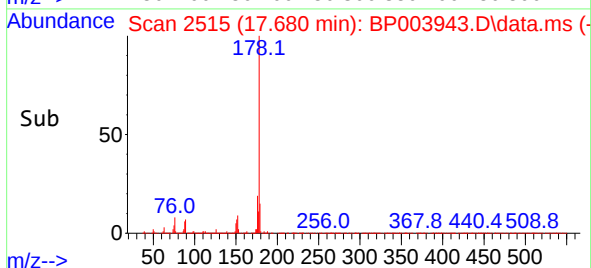
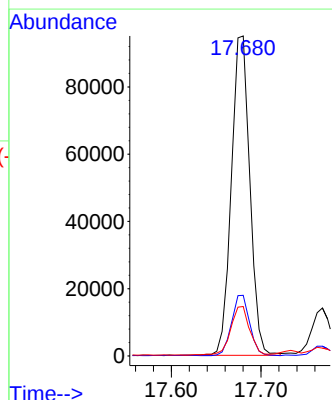
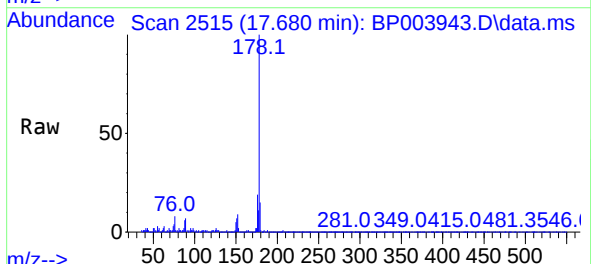
Instrument :
BNA_P
ClientSampleId :
72-11978

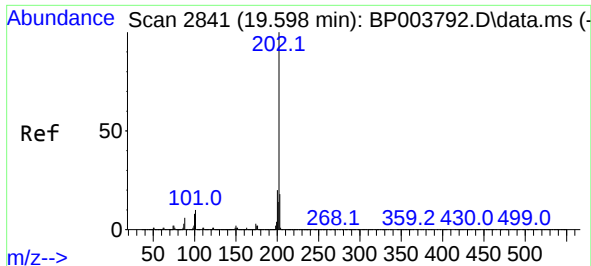
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 1247.8 6.4 46.4#
105 1234.8 18.9 58.9#



#71
Phenanthrene
Concen: 3.86 ng
RT: 17.680 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:178 Resp: 136017
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.5 18.7

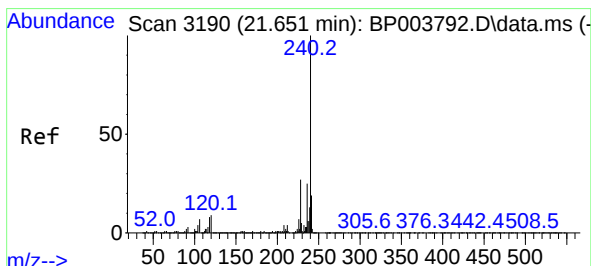
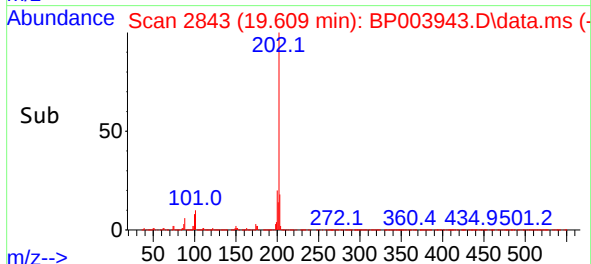
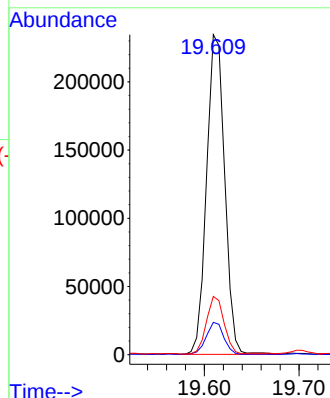
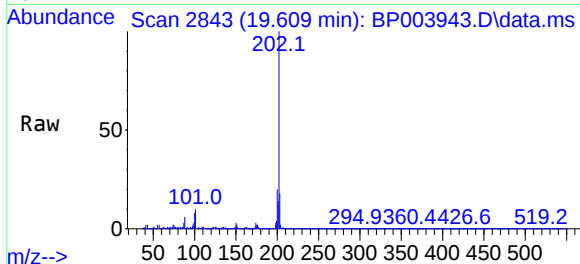




#75
Fluoranthene
Concen: 7.64 ng
RT: 19.609 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

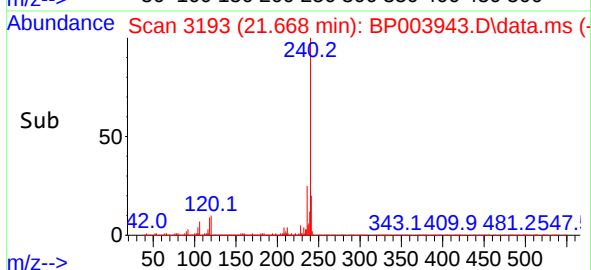
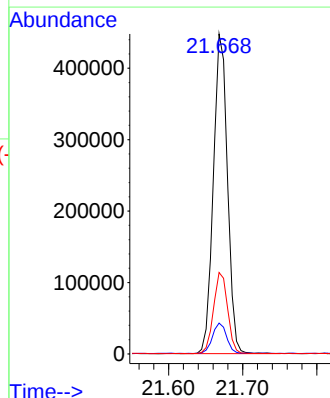
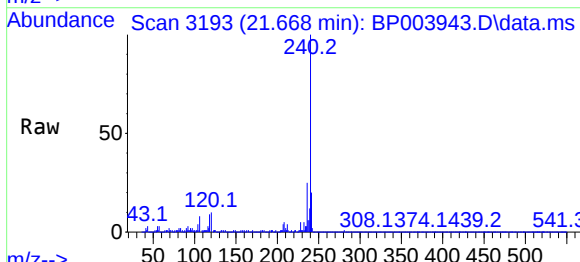
Instrument :
BNA_P
ClientSampleId :
72-11978

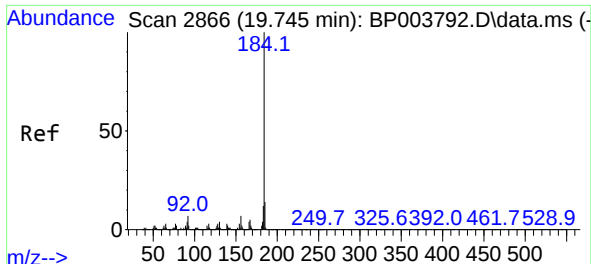
Tgt Ion:	202	Resp:	310547
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	29.4
203	18.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:	240	Resp:	591110
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.8	11.6
236	25.4	20.8	31.2

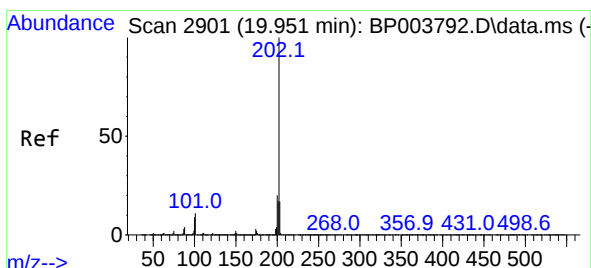
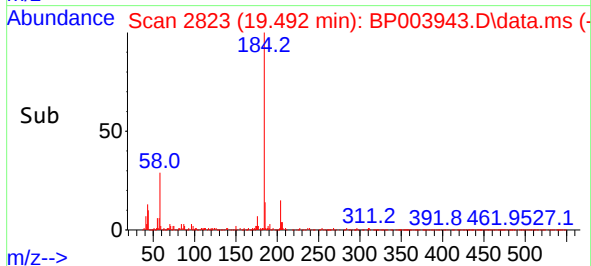
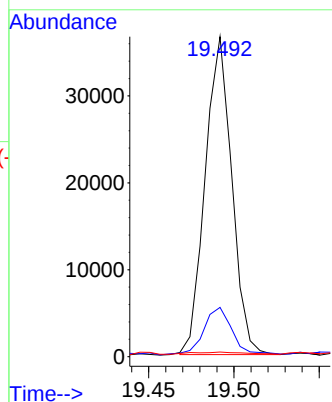
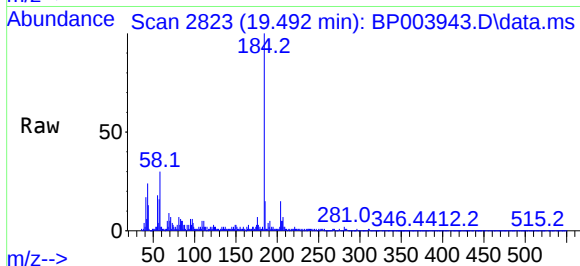




#77
Benzidine
Concen: 2.86 ng
RT: 19.492 min Scan# 2823
Delta R.T. -0.271 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

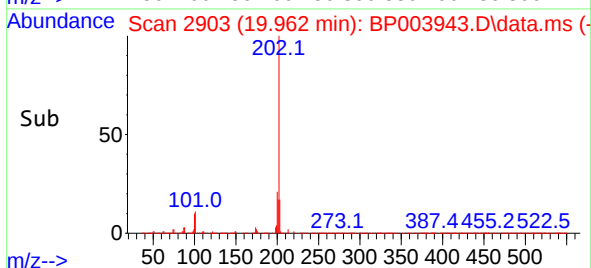
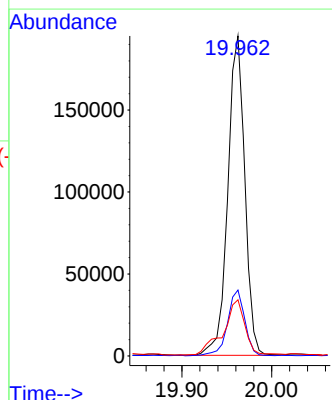
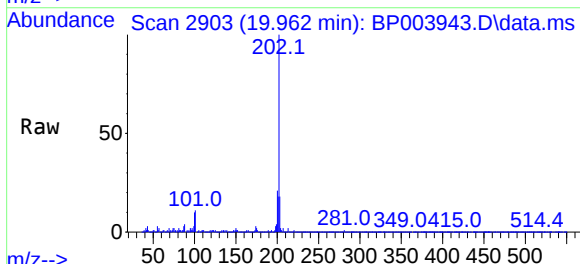
Instrument :
BNA_P
ClientSampled :
72-11978

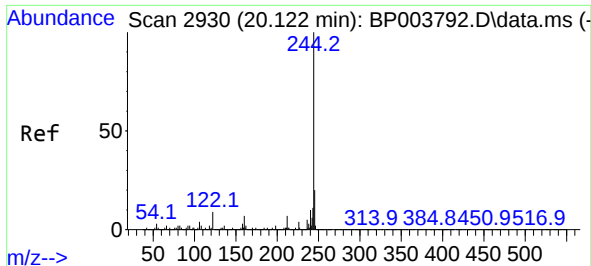
Tgt Ion:184 Resp: 39825
Ion Ratio Lower Upper
184 100
185 15.4 11.5 17.3
183 1.4 9.6 14.4#



#78
Pyrene
Concen: 6.39 ng
RT: 19.962 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:202 Resp: 256418
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.6 14.2 21.2

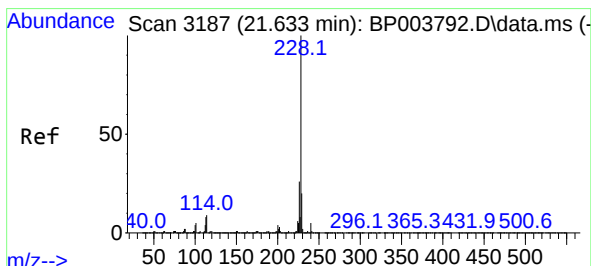
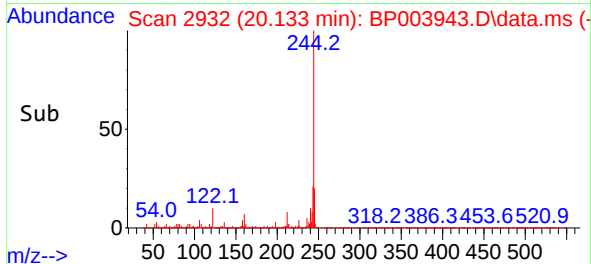
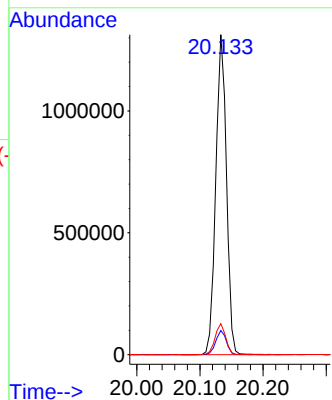
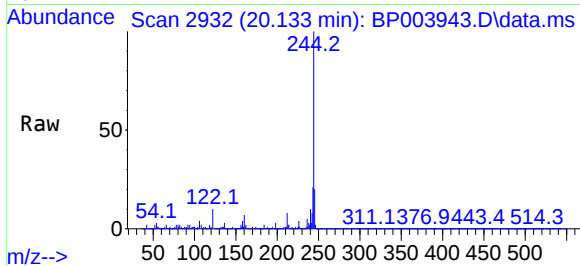




#79
 Terphenyl-d14
 Concen: 50.22 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: BP003943.D
 Acq: 12 Nov 2020 17:41

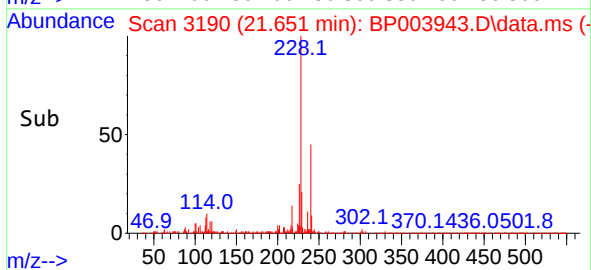
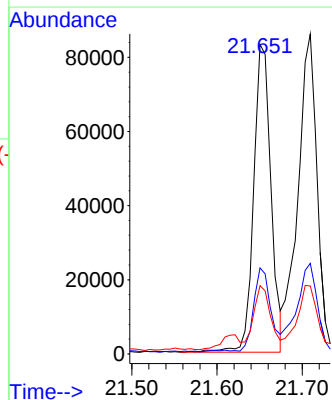
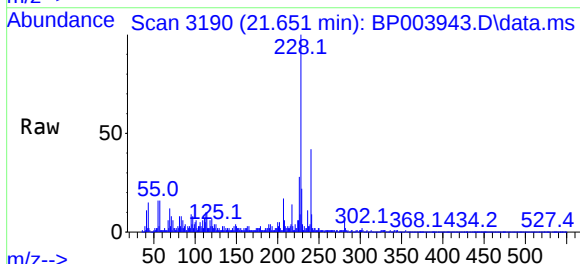
Instrument :
 BNA_P
 ClientSampleId :
 72-11978

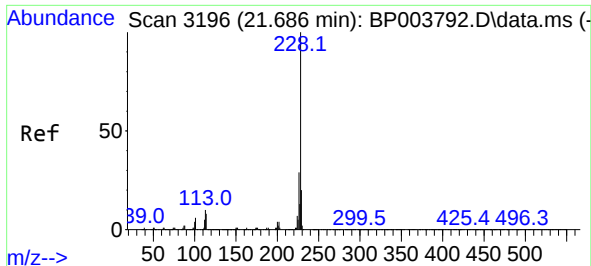
Tgt Ion:244 Resp: 1536647
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.7 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 3.01 ng
 RT: 21.651 min Scan# 3190
 Delta R.T. -0.006 min
 Lab File: BP003943.D
 Acq: 12 Nov 2020 17:41

Tgt Ion:228 Resp: 117332
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.1 33.1
 229 22.0 15.9 23.9

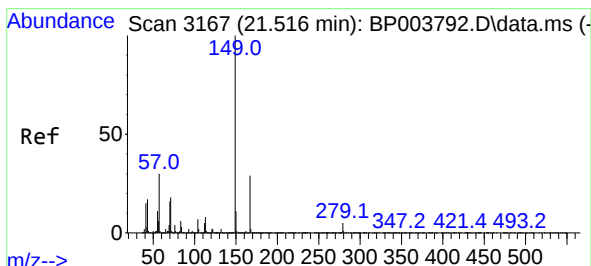
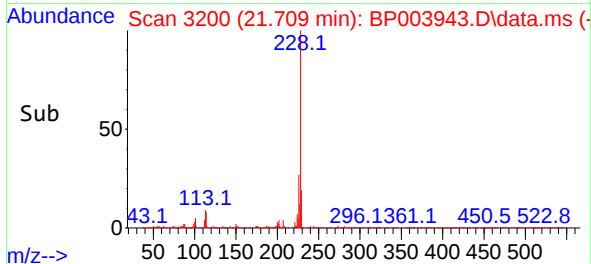
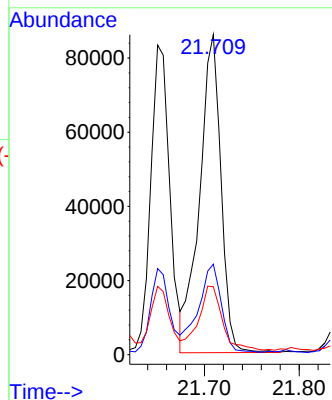
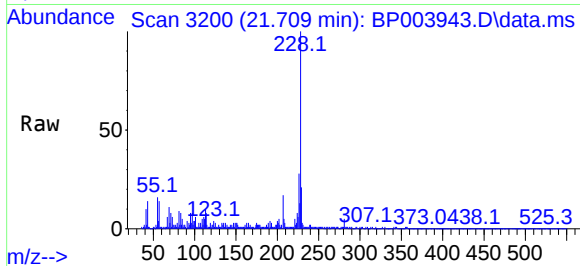




#83
Chrysene
Concen: 3.60 ng
RT: 21.709 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

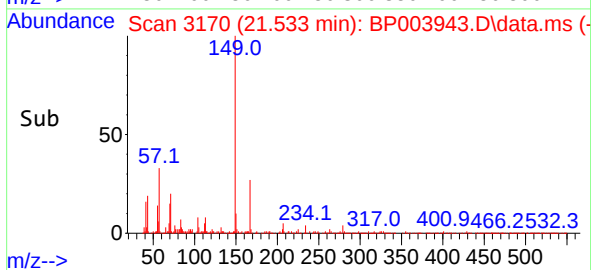
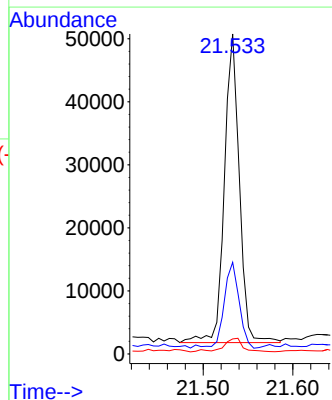
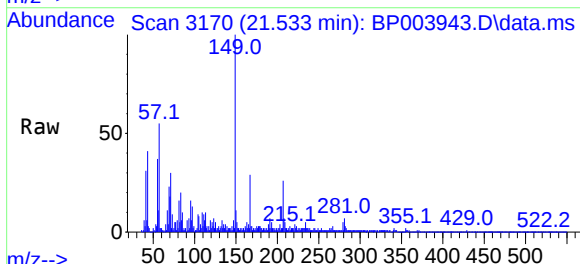
Instrument :
BNA_P
ClientSampleId :
72-11978

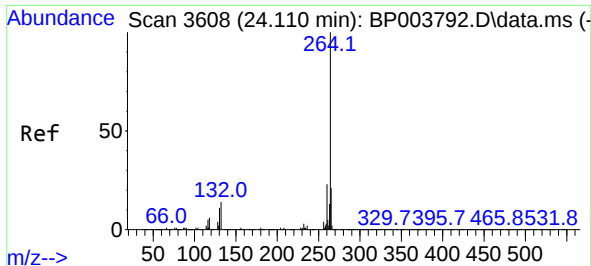
Tgt Ion:	228	Resp:	134654
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.4	36.6
229	21.3	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.58 ng
RT: 21.533 min Scan# 3170
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:	149	Resp:	56793
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.6	34.0
279	4.7	4.2	6.2



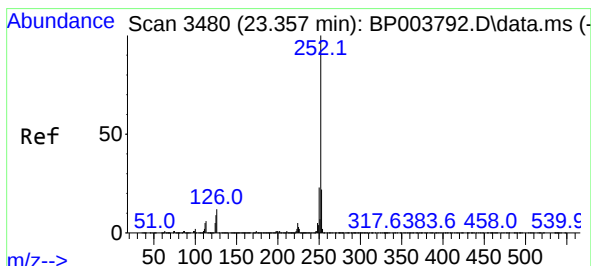
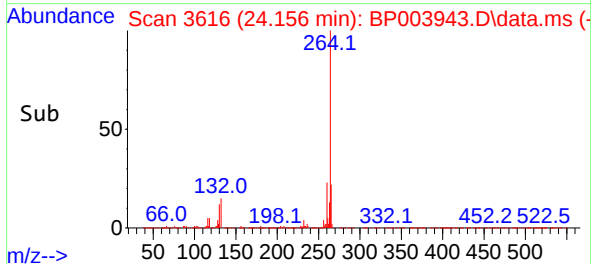
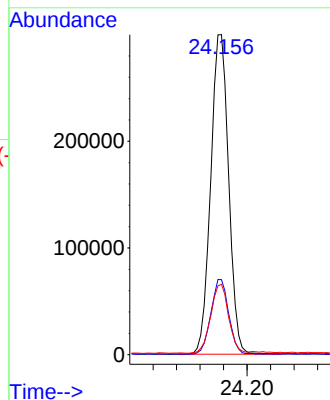
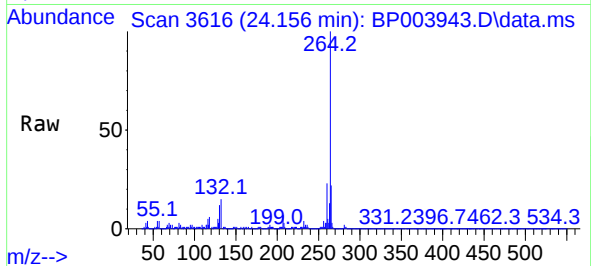


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.156 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Instrument :
BNA_P
ClientSampleId :
72-11978

Tgt Ion:264 Resp: 634759

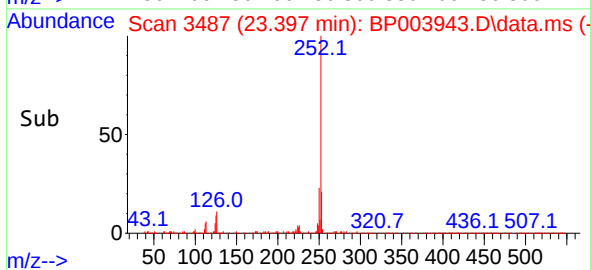
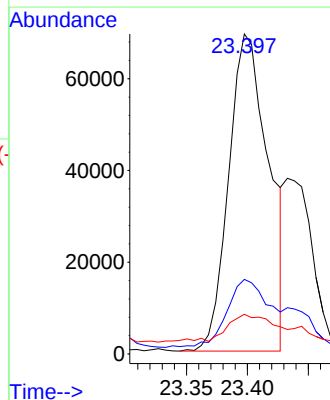
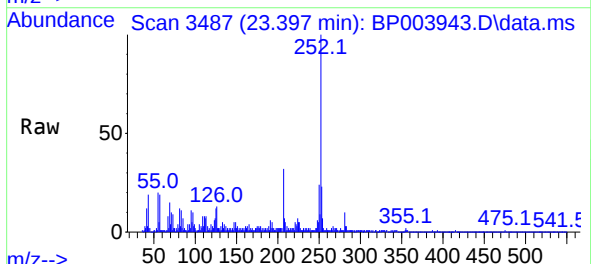
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	17.4	26.2

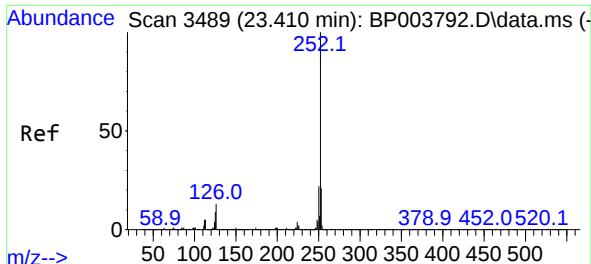


#88
Benzo(b)fluoranthene
Concen: 3.81 ng
RT: 23.397 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:252 Resp: 158125

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	12.4	7.3	10.9

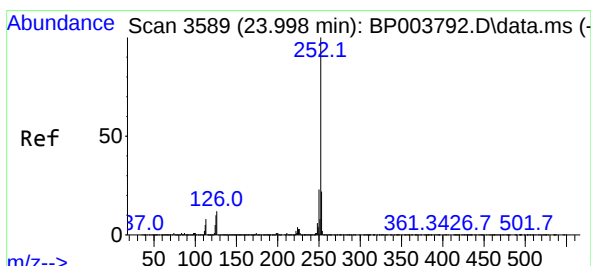
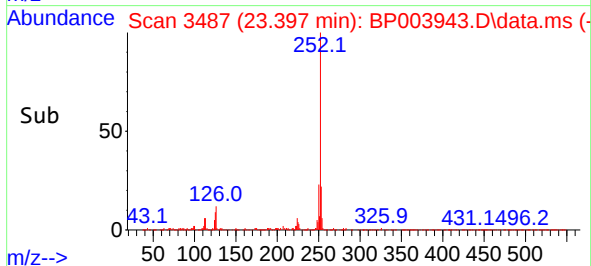
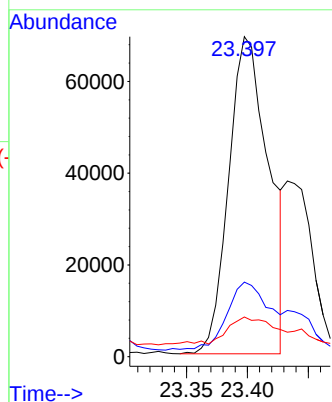
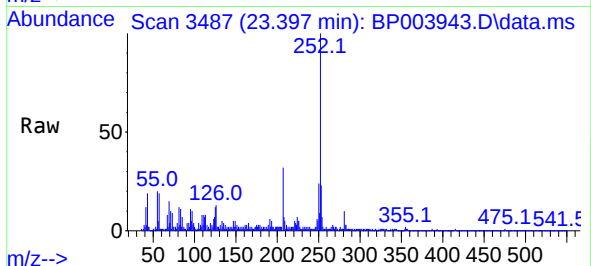




#89
Benzo(k)fluoranthene
Concen: 3.86 ng
RT: 23.397 min Scan# 3487
Delta R.T. -0.053 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

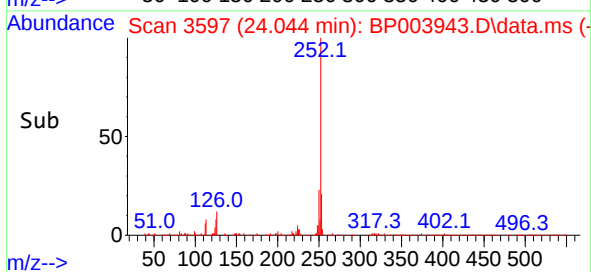
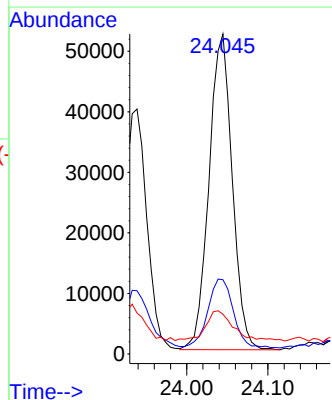
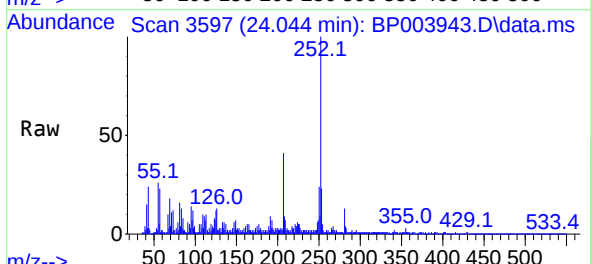
Instrument :
BNA_P
ClientSampleId :
72-11978

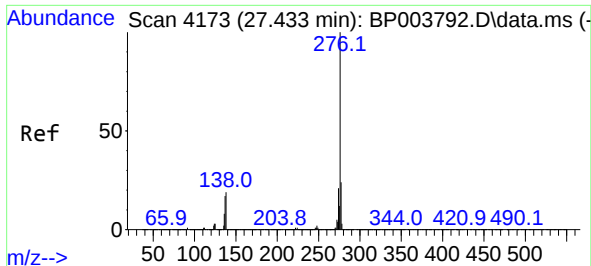
Tgt Ion:252 Resp: 158125
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.70 ng
RT: 24.044 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Tgt Ion:252 Resp: 103991
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 12.4 8.2 12.4#





#92
Benzo(g,h,i)perylene
Concen: 2.09 ng
RT: 27.497 min Scan# 4184
Delta R.T. -0.024 min
Lab File: BP003943.D
Acq: 12 Nov 2020 17:41

Instrument :
BNA_P
ClientSampleId :
72-11978

Tgt Ion:276 Resp: 77251
Ion Ratio Lower Upper
276 100
277 27.1 19.0 28.6
138 19.9 16.6 24.8

