

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
 Data File : BP003980.D
 Acq On : 17 Nov 2020 17:54
 Operator : CG/JU
 Sample : L4746-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-111320

Quant Time: Nov 18 02:09:37 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)

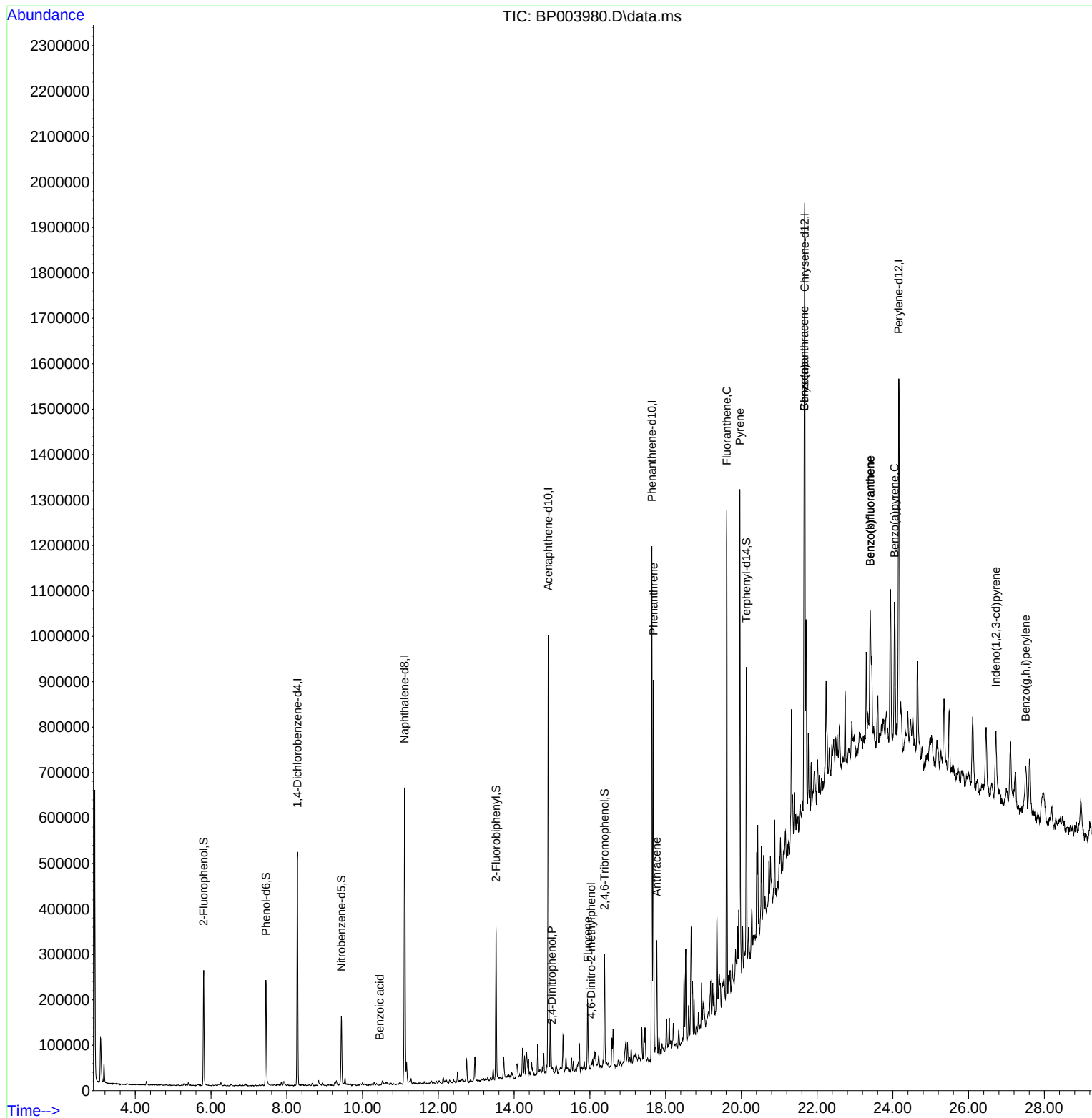
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	135314	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	527099	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	327673	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	677258	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	617849	20.00	ng	0.00
86) Perylene-d12	24.157	264	644579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	101274	12.49	ng	0.00
7) Phenol-d6	7.446	99	129116	11.09	ng	0.00
23) Nitrobenzene-d5	9.440	82	84921	7.89	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	42946	10.48	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	185605	7.92	ng	0.00
79) Terphenyl-d14	20.133	244	242492	7.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.357	77	324	Below Cal	#	22
32) Benzoic acid	10.451	122	40	8.31 ng	#	1
54) 2,4-Dinitrophenol	14.998	184	109	2.79 ng	#	1
58) Fluorene	15.945	166	67849	2.79 ng		98
65) 4,6-Dinitro-2-methylph...	16.033	198	54	6.35 ng	#	1
71) Phenanthrene	17.680	178	483942	12.73 ng		99
72) Anthracene	17.769	178	155039	4.22 ng		99
75) Fluoranthene	19.616	202	633286	14.44 ng		99
78) Pyrene	19.963	202	615873	14.69 ng		98
81) Benzo(a)anthracene	21.657	228	274954	6.75 ng		97
83) Chrysene	21.657	228	274954	7.02 ng		95
87) Indeno(1,2,3-cd)pyrene	26.721	276	131896	2.84 ng		96
88) Benzo(b)fluoranthene	23.404	252	373801	8.86 ng	#	94
89) Benzo(k)fluoranthene	23.404	252	373801	8.97 ng	#	95
90) Benzo(a)pyrene	24.045	252	230307	5.90 ng	#	93
92) Benzo(g,h,i)perylene	27.509	276	134719	3.59 ng		96

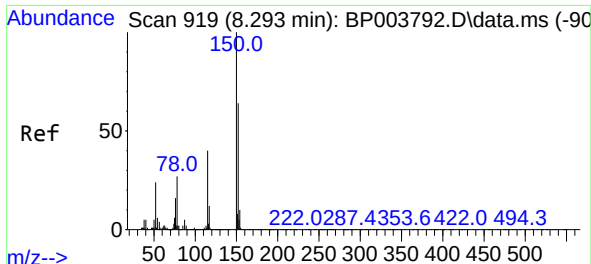
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 12 15:22:47 2020
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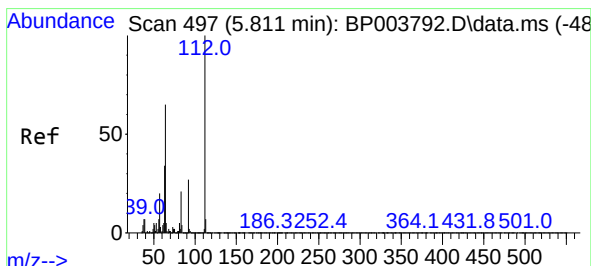
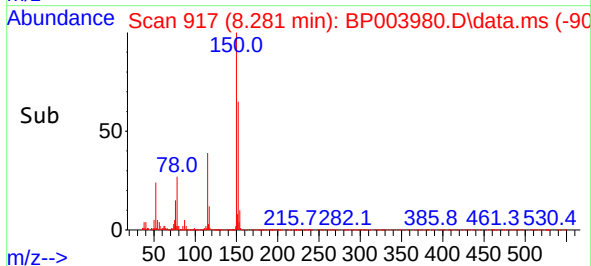
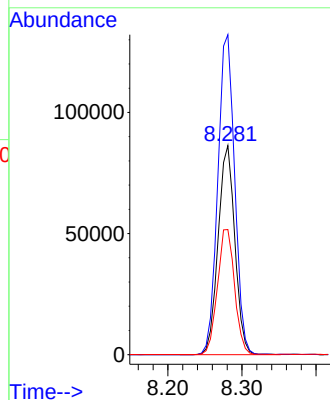
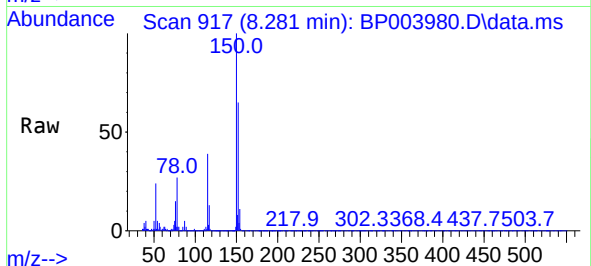




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

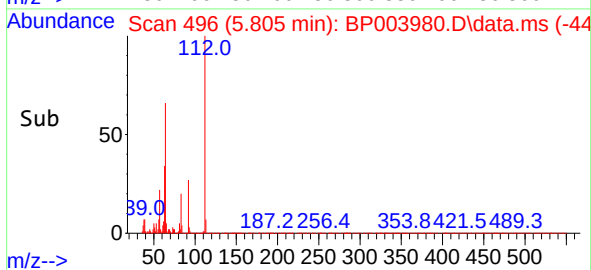
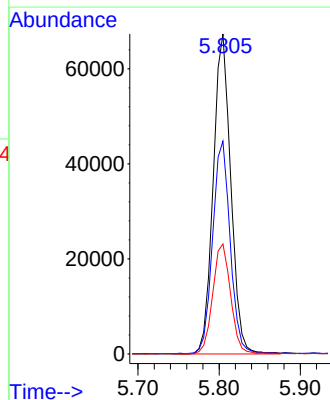
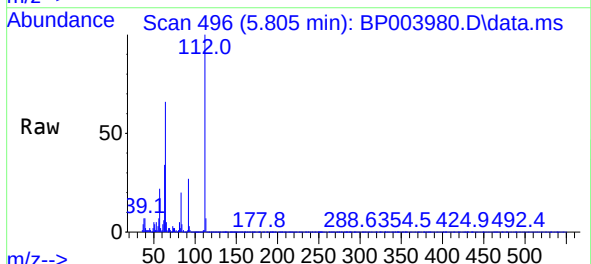
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

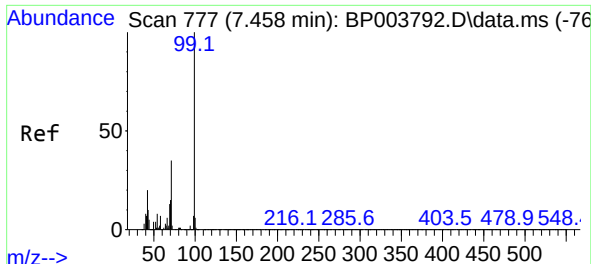
Tgt Ion:152 Resp: 135314
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 59.8 43.8 65.6



#5
2-Fluorophenol
Concen: 12.49 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:112 Resp: 101274
Ion Ratio Lower Upper
112 100
64 66.5 32.8 49.2#
63 34.4 17.0 25.4#

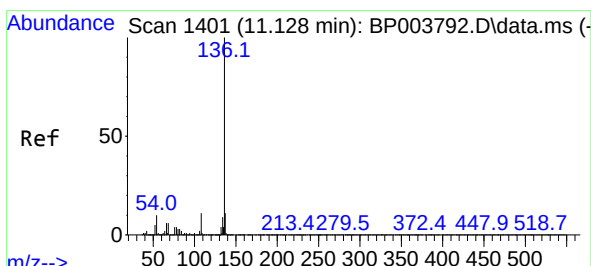
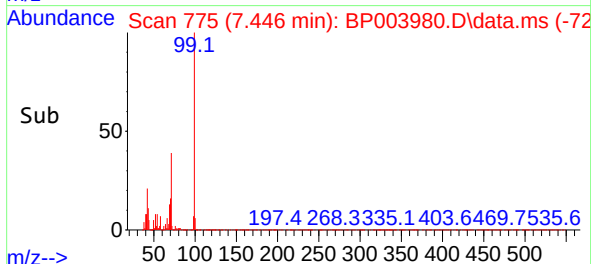
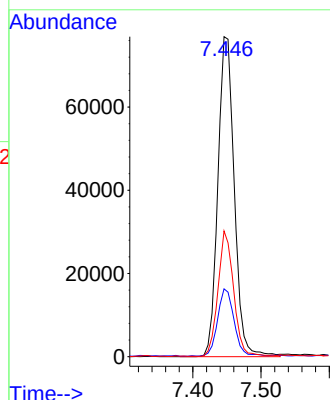
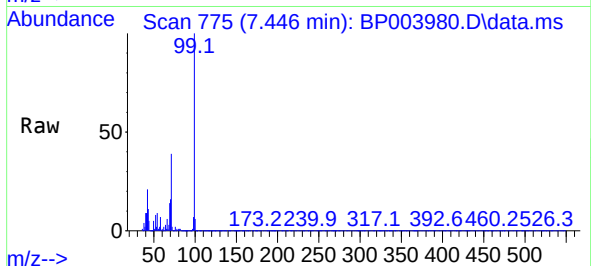




#7
Phenol-d6
Concen: 11.09 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

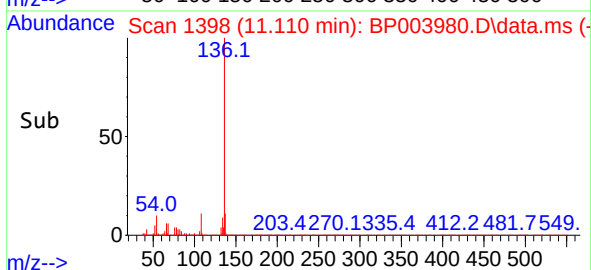
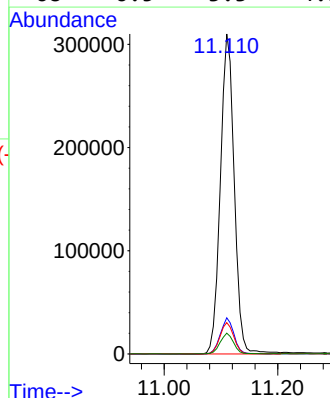
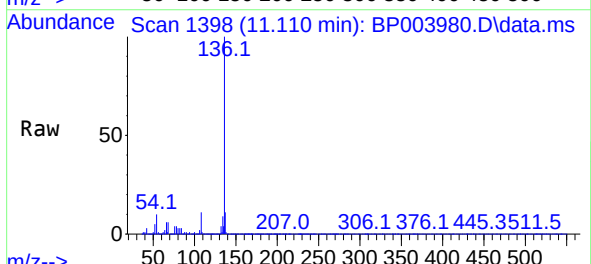
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

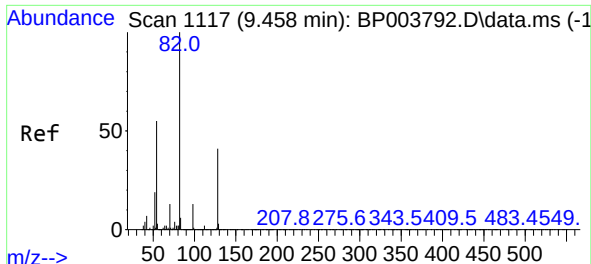
Tgt Ion: 99 Resp: 129116
Ion Ratio Lower Upper
99 100
42 21.2 8.6 13.0#
71 39.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion: 136 Resp: 527099
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.8 3.6 5.4#
68 6.5 3.3 4.9#

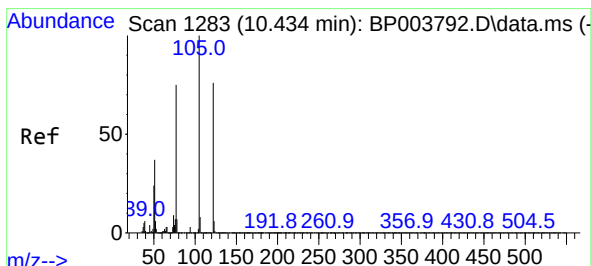
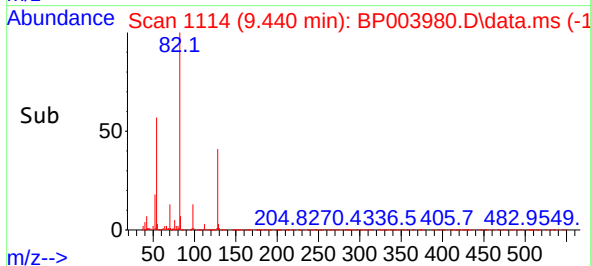
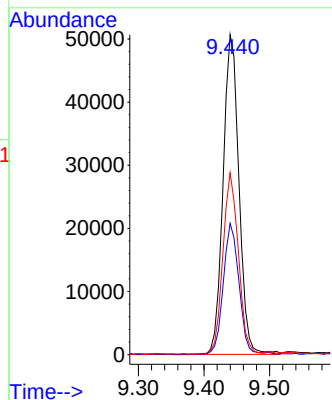
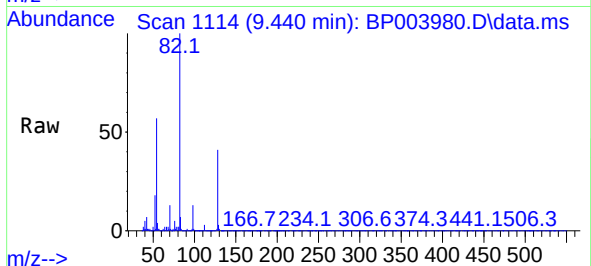




#23
Nitrobenzene-d5
Concen: 7.89 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

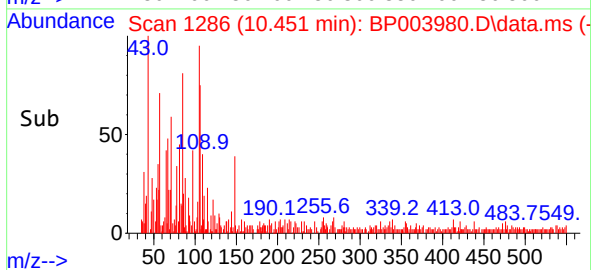
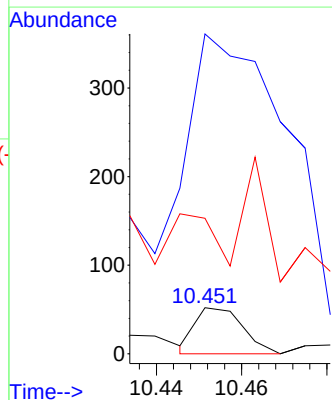
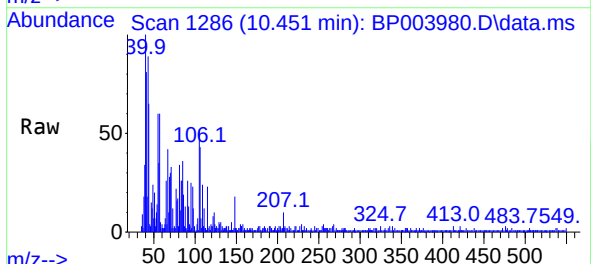
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

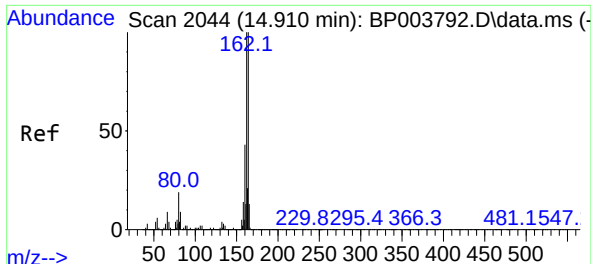
Tgt Ion: 82 Resp: 84921
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 56.9 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.451 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion: 122 Resp: 40
Ion Ratio Lower Upper
122 100
105 694.2 94.1 134.1#
77 294.2 50.1 90.1#

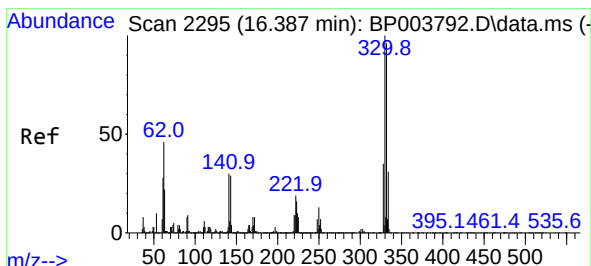
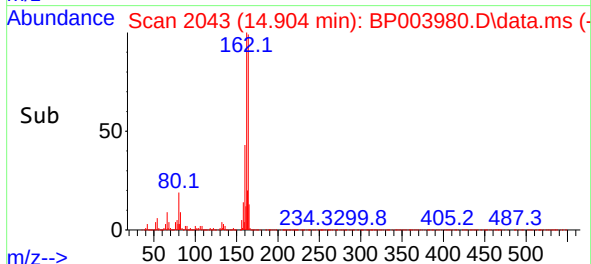
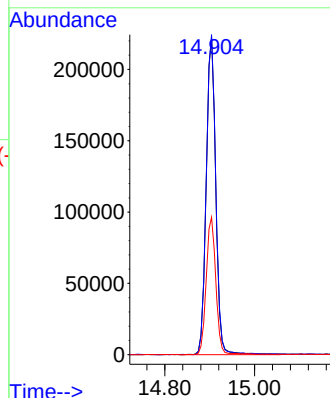
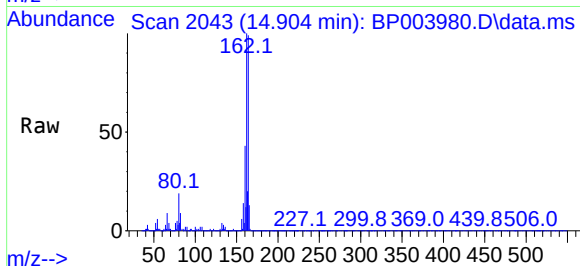




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

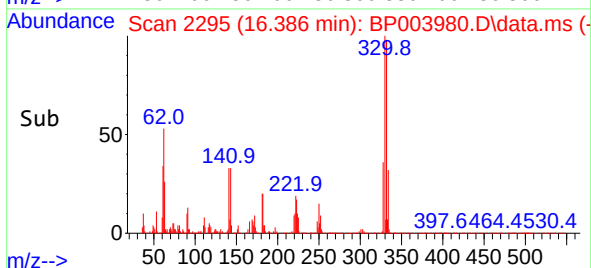
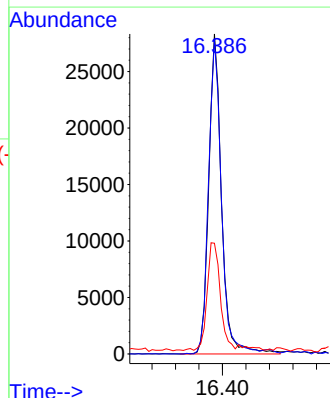
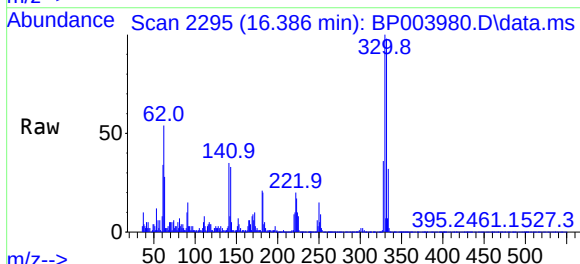
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

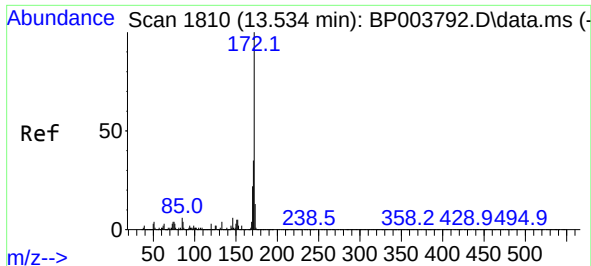
Tgt Ion:164 Resp: 327673
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 10.48 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:330 Resp: 42946
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 34.2 23.4 35.2

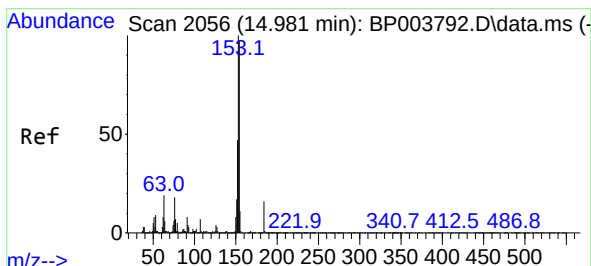
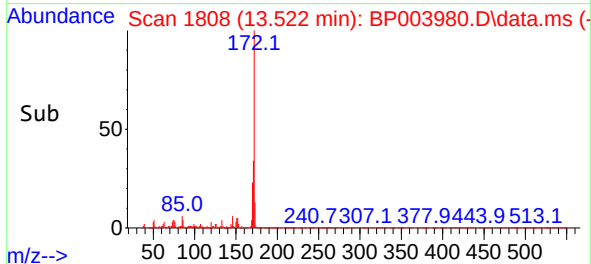
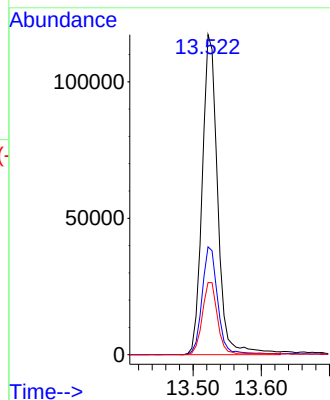
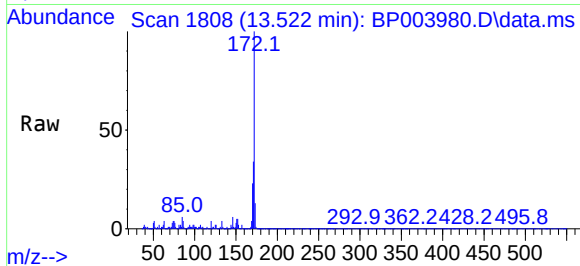




#45
2-Fluorobiphenyl
Concen: 7.92 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

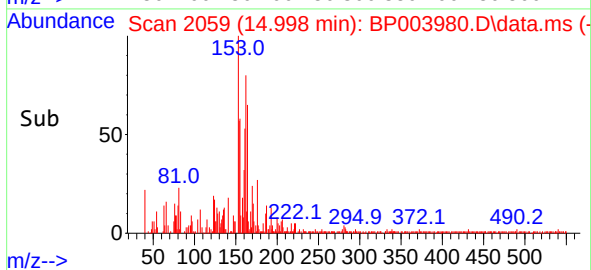
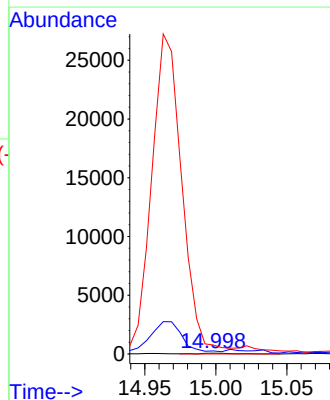
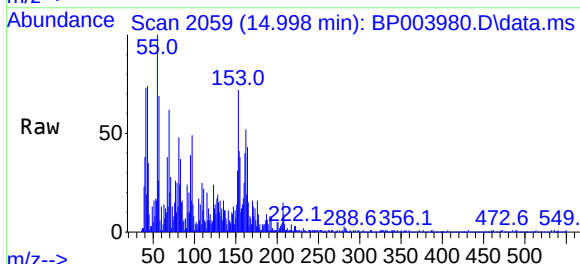
Instrument :
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ClientSampleId :
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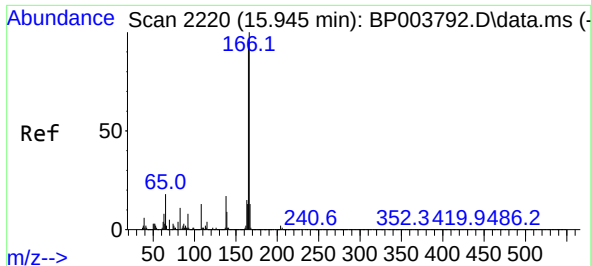
Tgt Ion:	172	Resp:	185605
Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.5	42.7
170	22.5	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.79 ng
RT: 14.998 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:	184	Resp:	109
Ion	Ratio	Lower	Upper
184	100		
63	386.4	32.3	48.5#
154	1163.6	49.1	73.7#

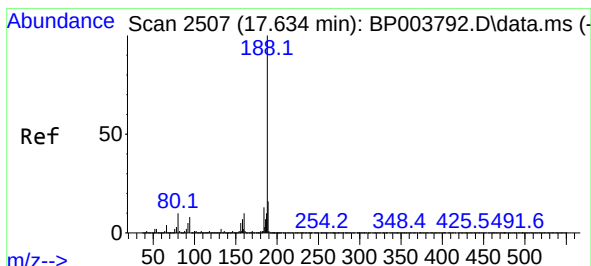
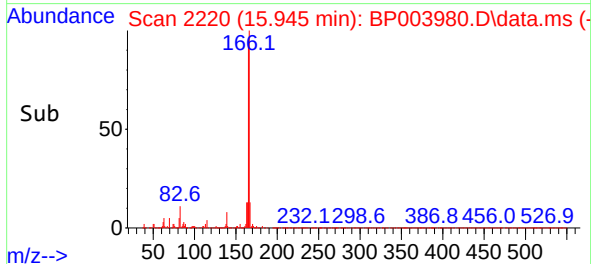
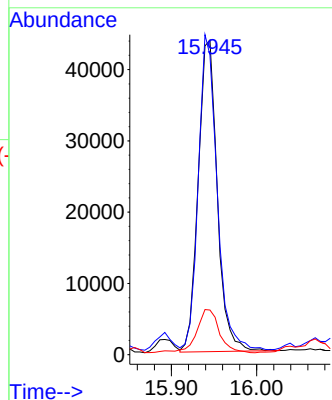
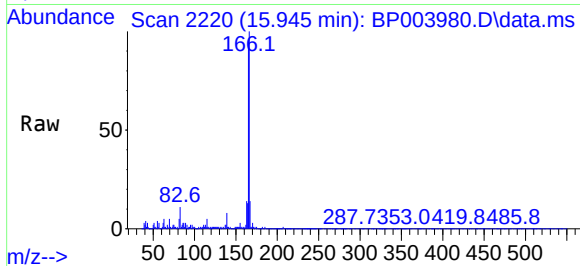




#58
Fluorene
Concen: 2.79 ng
RT: 15.945 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

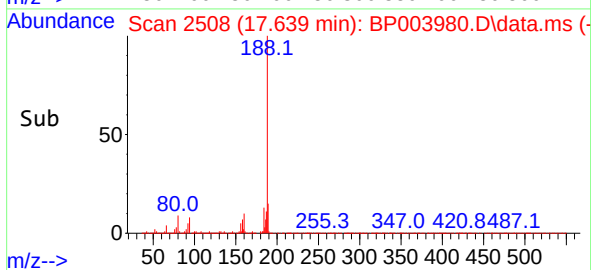
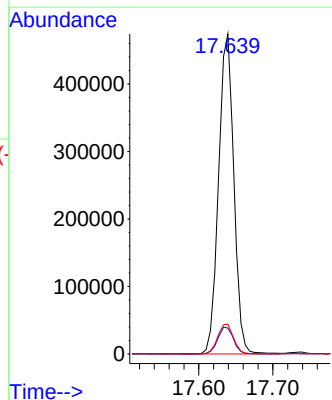
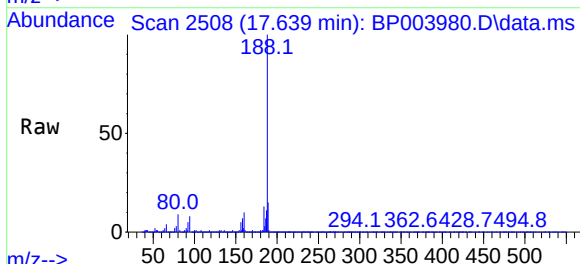
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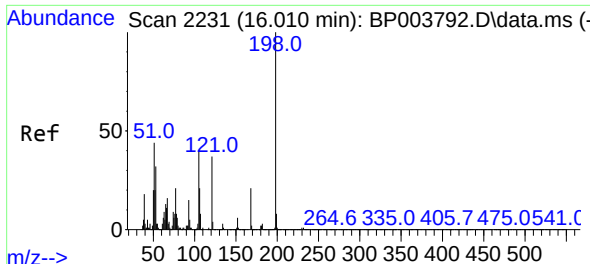
Tgt Ion:	166	Resp:	67849
Ion Ratio	Lower	Upper	
166	100		
165	95.3	77.8	116.8
167	14.2	11.0	16.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:	188	Resp:	677258
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.2	9.2
80	9.3	6.2	9.2#

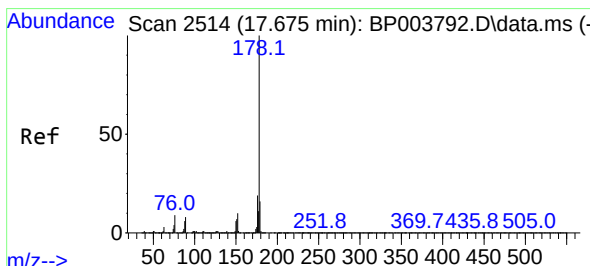
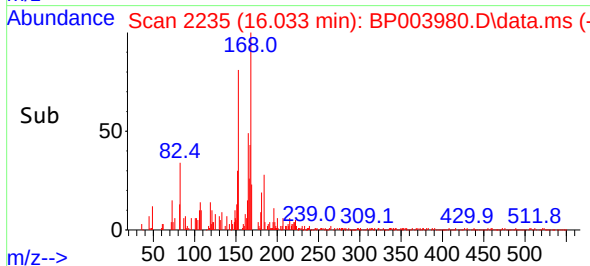
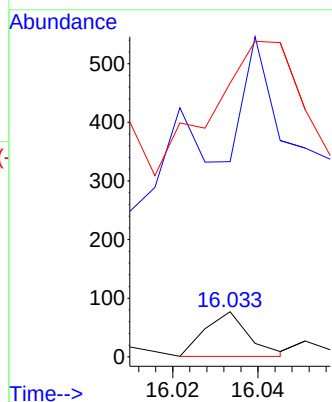
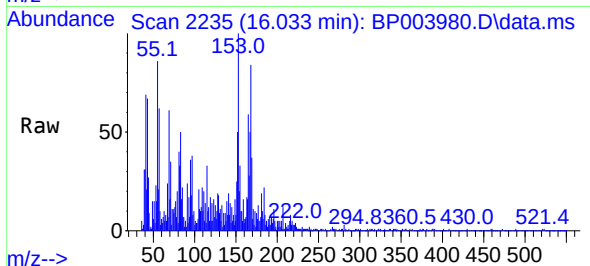




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.033 min Scan# 2235
Delta R.T. 0.012 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

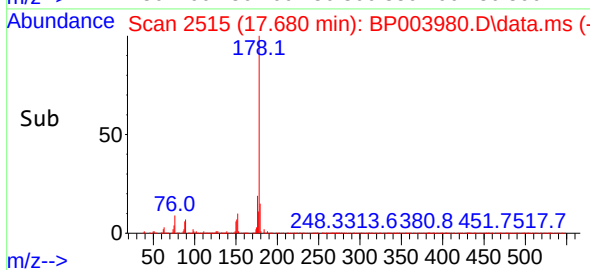
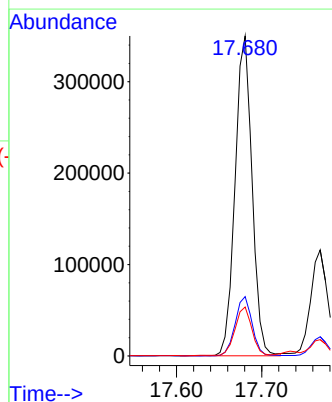
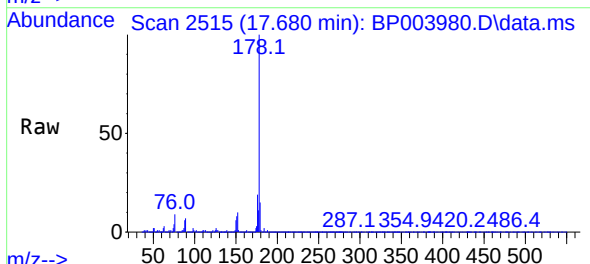
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

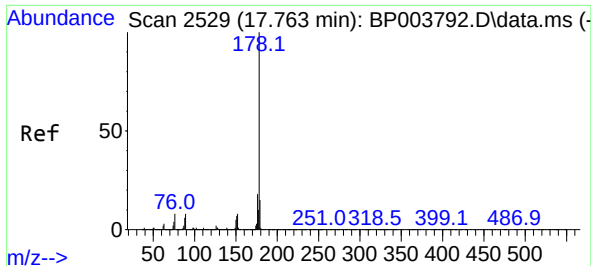
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 401.2 6.4 46.4#
105 562.7 18.9 58.9#



#71
Phenanthrene
Concen: 12.73 ng
RT: 17.680 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:178 Resp: 483942
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.5 18.7

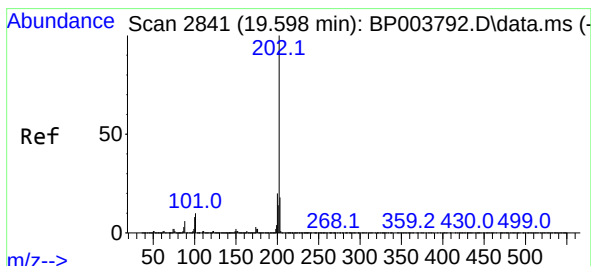
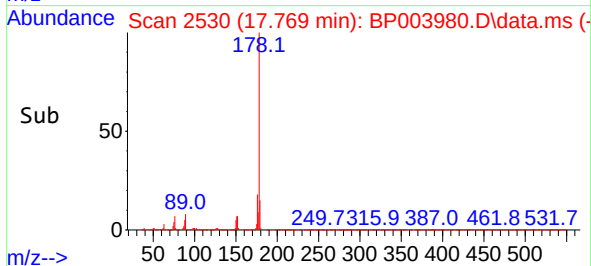
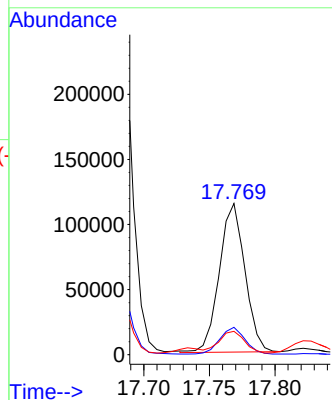
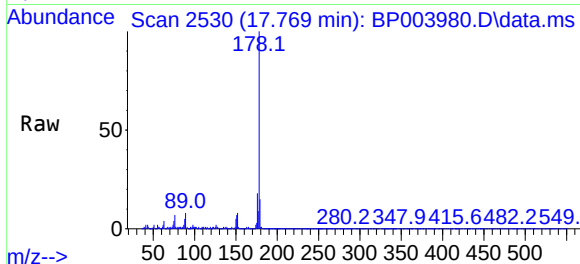




#72
 Anthracene
 Concen: 4.22 ng
 RT: 17.769 min Scan# 2530
 Delta R.T. -0.000 min
 Lab File: BP003980.D
 Acq: 17 Nov 2020 17:54

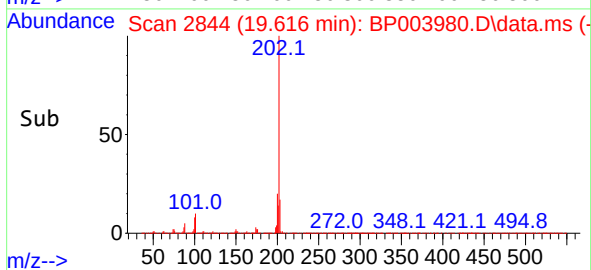
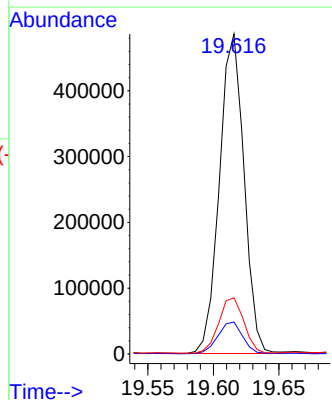
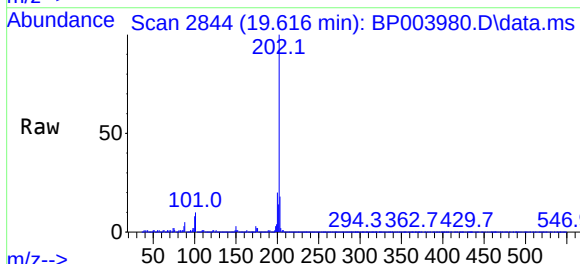
Instrument :
 BNA_P
 ClientSampleId :
 OK-02-111320

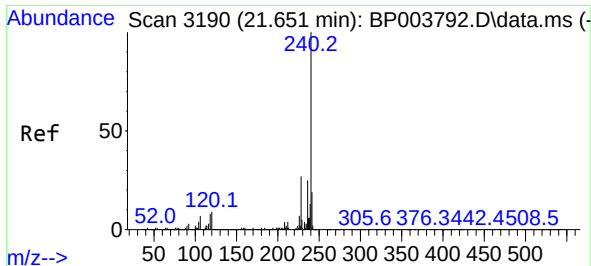
Tgt Ion:	178	Resp:	155039
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.0	22.4
179	15.5	12.5	18.7



#75
 Fluoranthene
 Concen: 14.44 ng
 RT: 19.616 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP003980.D
 Acq: 17 Nov 2020 17:54

Tgt Ion:	202	Resp:	633286
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.4
203	17.5	0.0	37.8

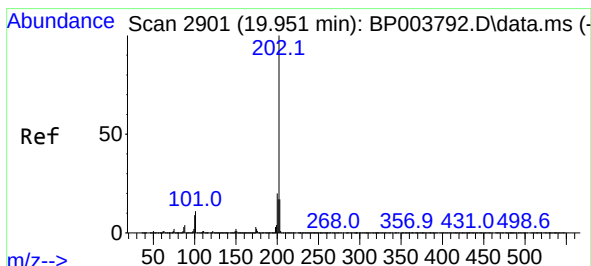
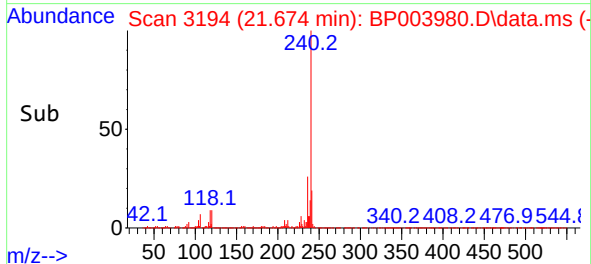
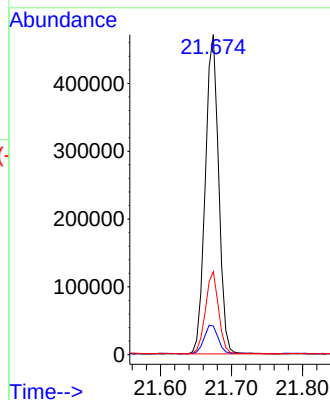
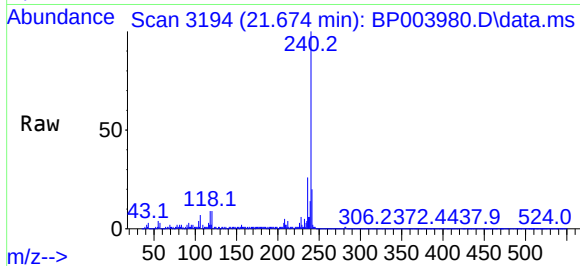




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

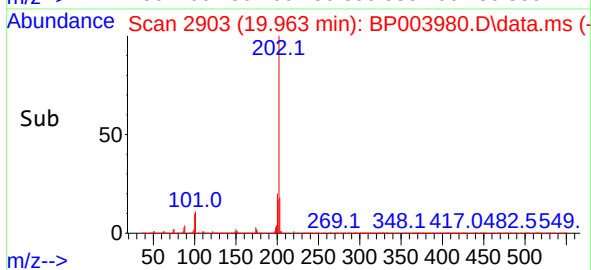
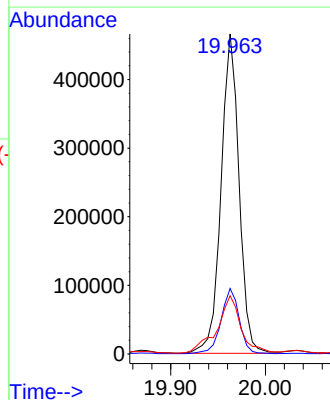
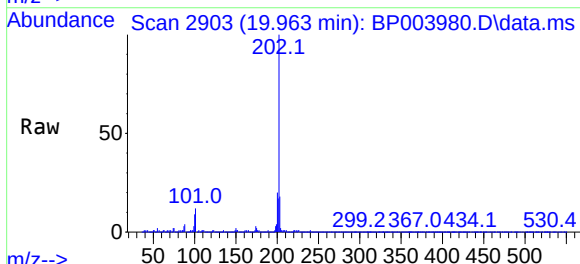
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

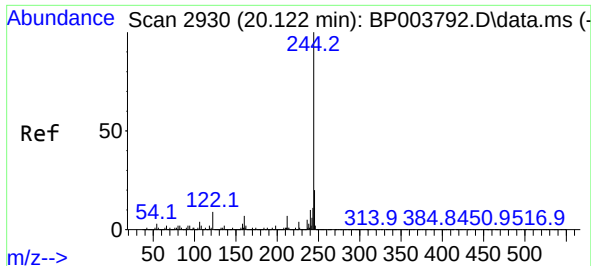
Tgt Ion:240 Resp: 617849
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 14.69 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:202 Resp: 615873
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.2 14.2 21.2

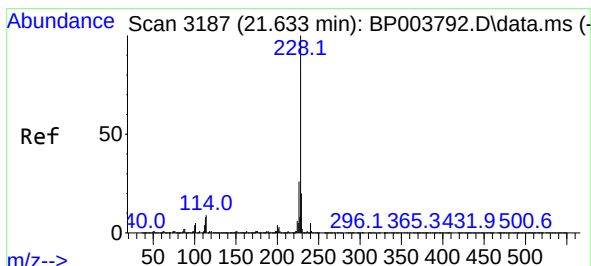
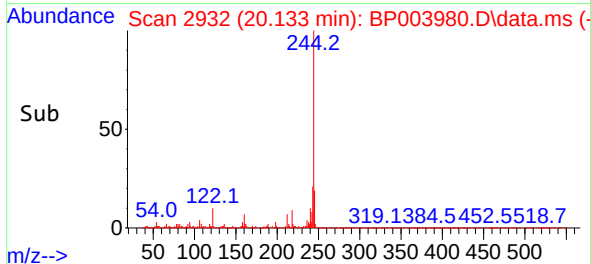
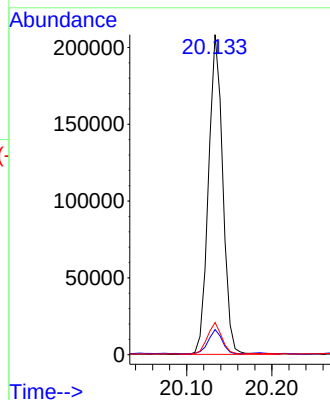
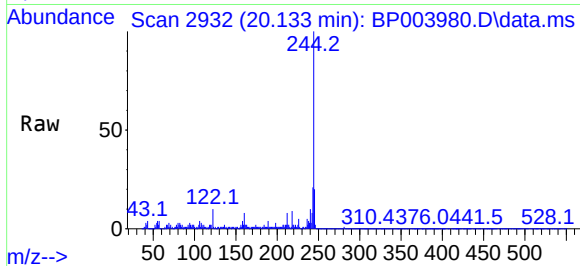




#79
Terphenyl-d14
Concen: 7.58 ng
RT: 20.133 min Scan# 2932
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

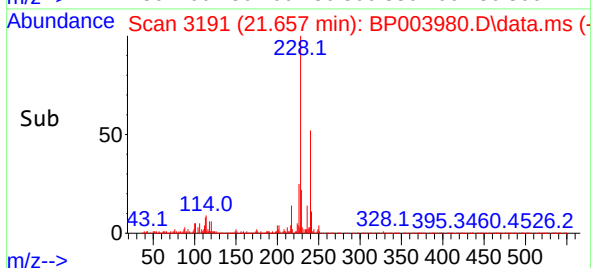
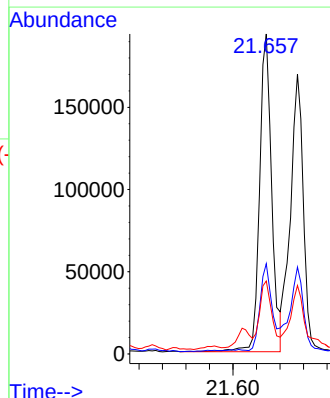
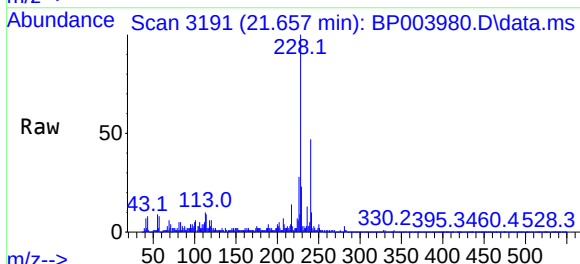
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

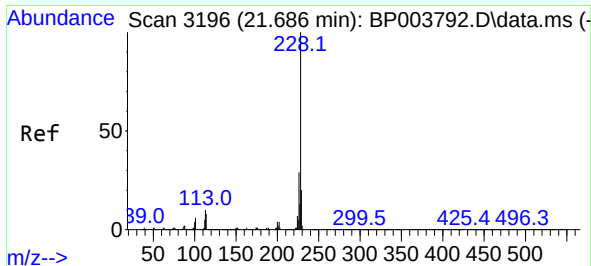
Tgt Ion:244	Resp:	242492
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.8 8.6
122	10.0	7.8 11.8



#81
Benzo(a)anthracene
Concen: 6.75 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:228	Resp:	274954
Ion Ratio	Lower	Upper
228	100	
226	28.2	22.1 33.1
229	22.8	15.9 23.9

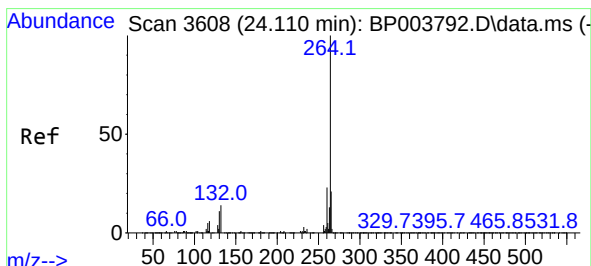
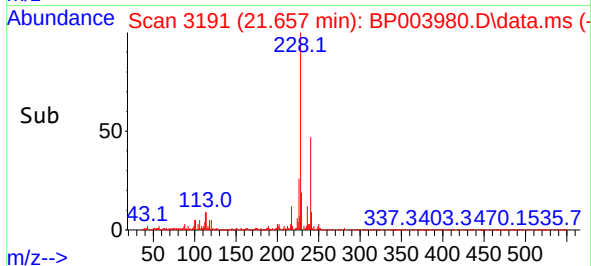
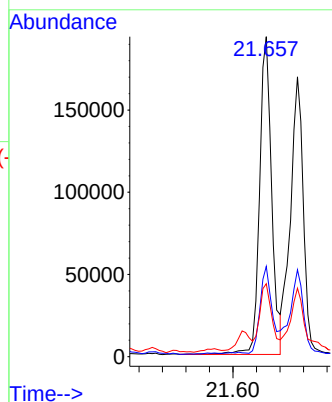
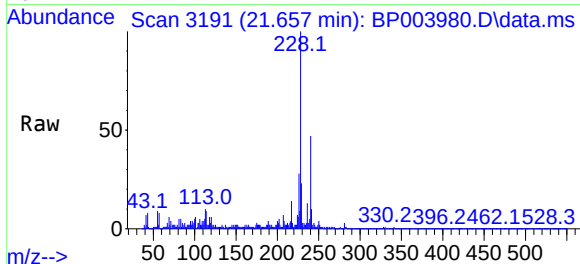




#83
Chrysene
Concen: 7.02 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.059 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

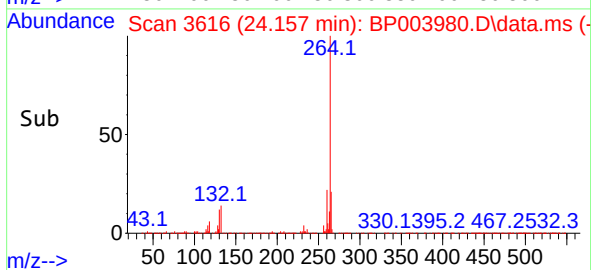
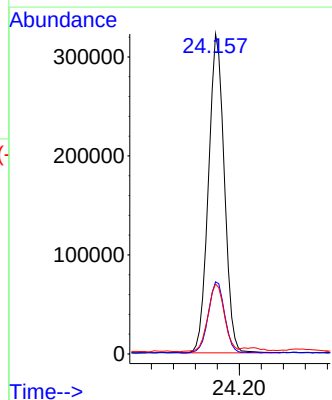
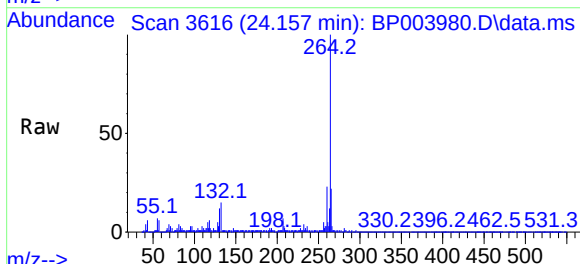
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

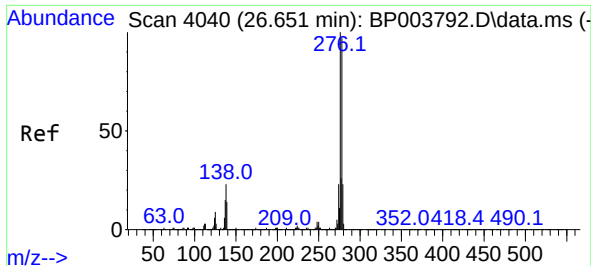
Tgt Ion:228	Resp: 274954
Ion Ratio	Lower Upper
228 100	
226 28.2	24.4 36.6
229 22.8	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:264	Resp: 644579		
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.8	28.2
265	21.9	17.4	26.2

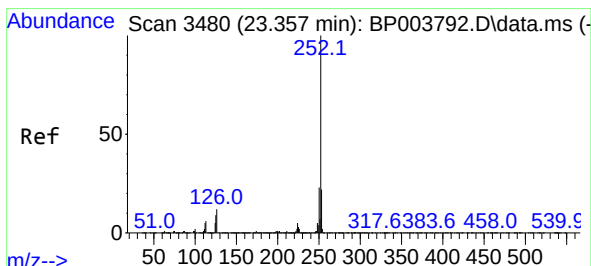
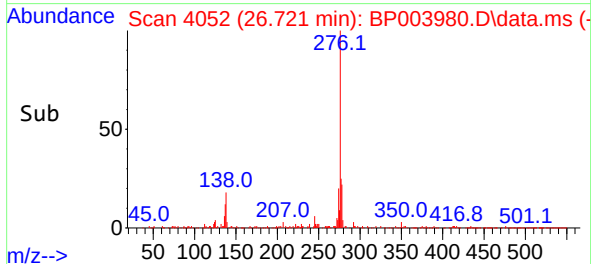
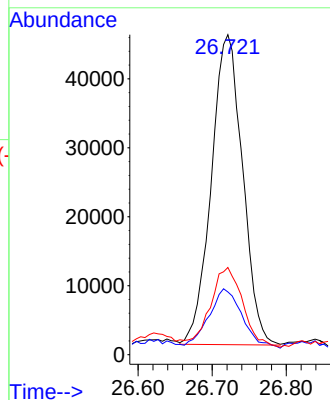
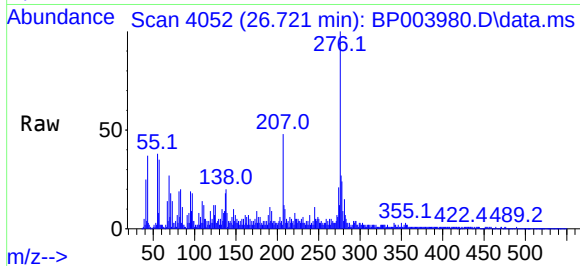




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.84 ng
RT: 26.721 min Scan# 4052
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

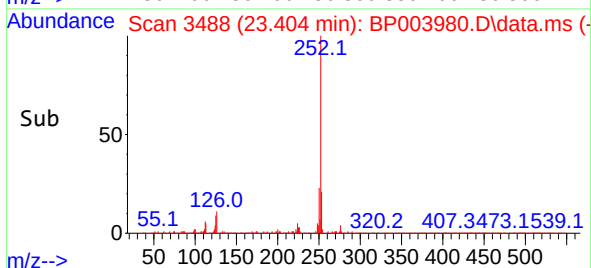
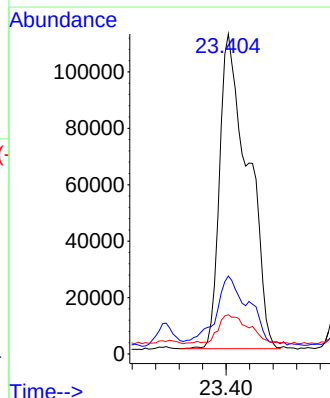
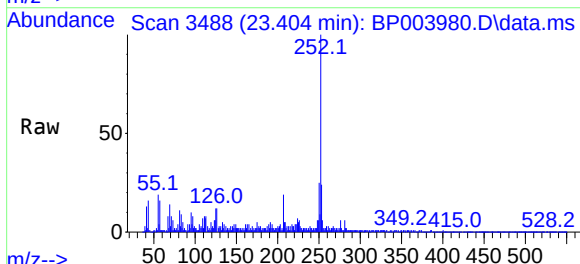
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

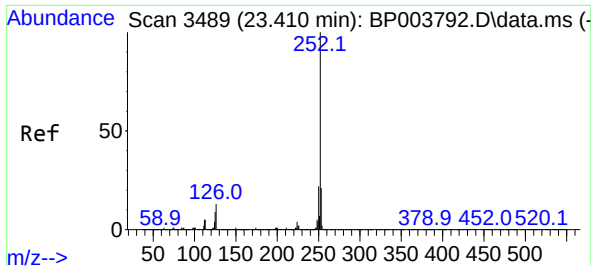
Tgt Ion:	276	Resp:	131896
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.7	28.1
277	26.6	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 8.86 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.000 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:	252	Resp:	373801
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.6	26.4
125	12.2	7.3	10.9

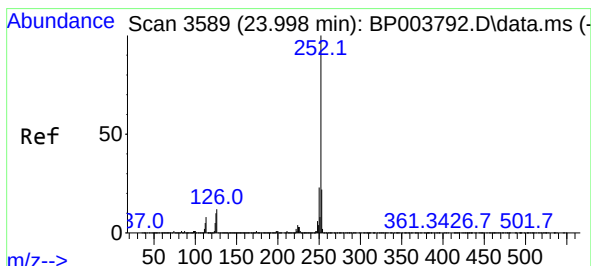
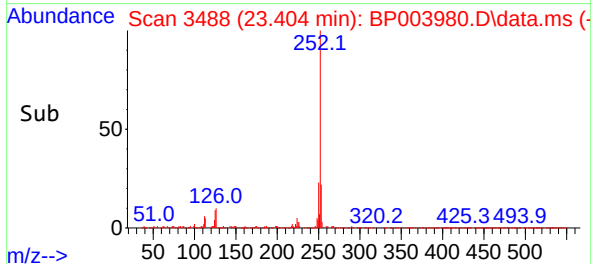
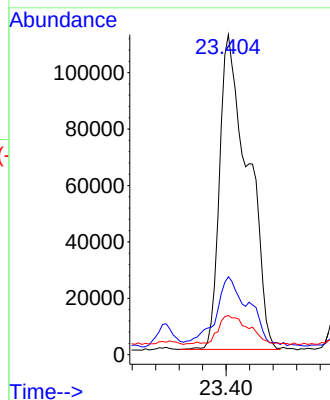
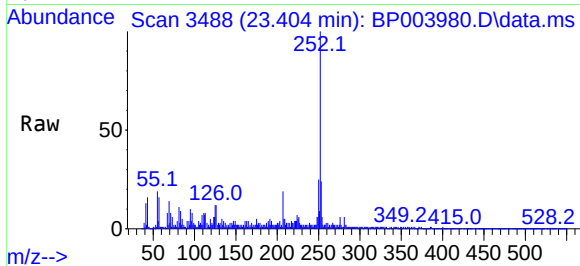




#89
Benzo(k)fluoranthene
Concen: 8.97 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.047 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

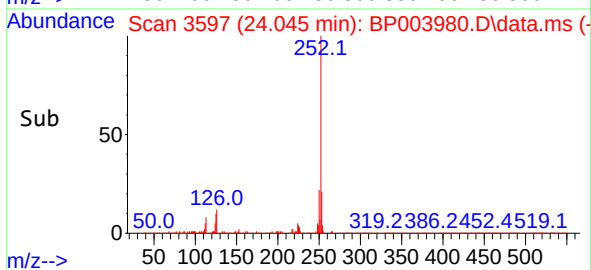
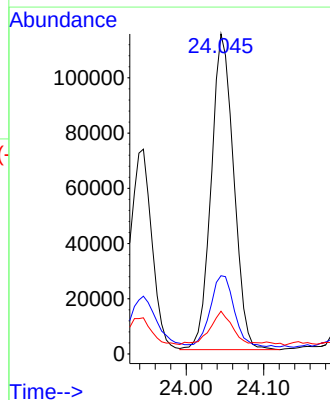
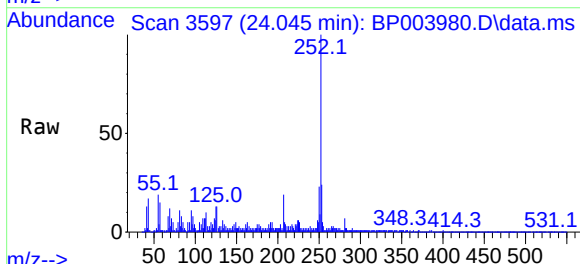
Instrument :
BNA_P
ClientSampleId :
OK-02-111320

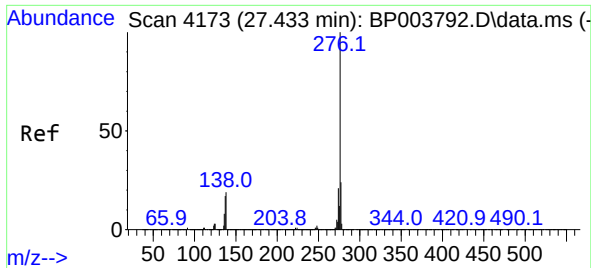
Tgt Ion:252 Resp: 373801
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 12.2 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 5.90 ng
RT: 24.045 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Tgt Ion:252 Resp: 230307
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 13.3 8.2 12.4#





#92
Benzo(g,h,i)perylene
Concen: 3.59 ng
RT: 27.509 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BP003980.D
Acq: 17 Nov 2020 17:54

Instrument :
BNA_P
ClientSampleId :
OK-02-111320

Tgt Ion:276 Resp: 134719

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.0	28.6
138	21.5	16.6	24.8

