

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003914.D
 Acq On : 10 Nov 2020 21:51
 Operator : CG/JU
 Sample : L4594-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-110920

Quant Time: Nov 11 00:14:33 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)

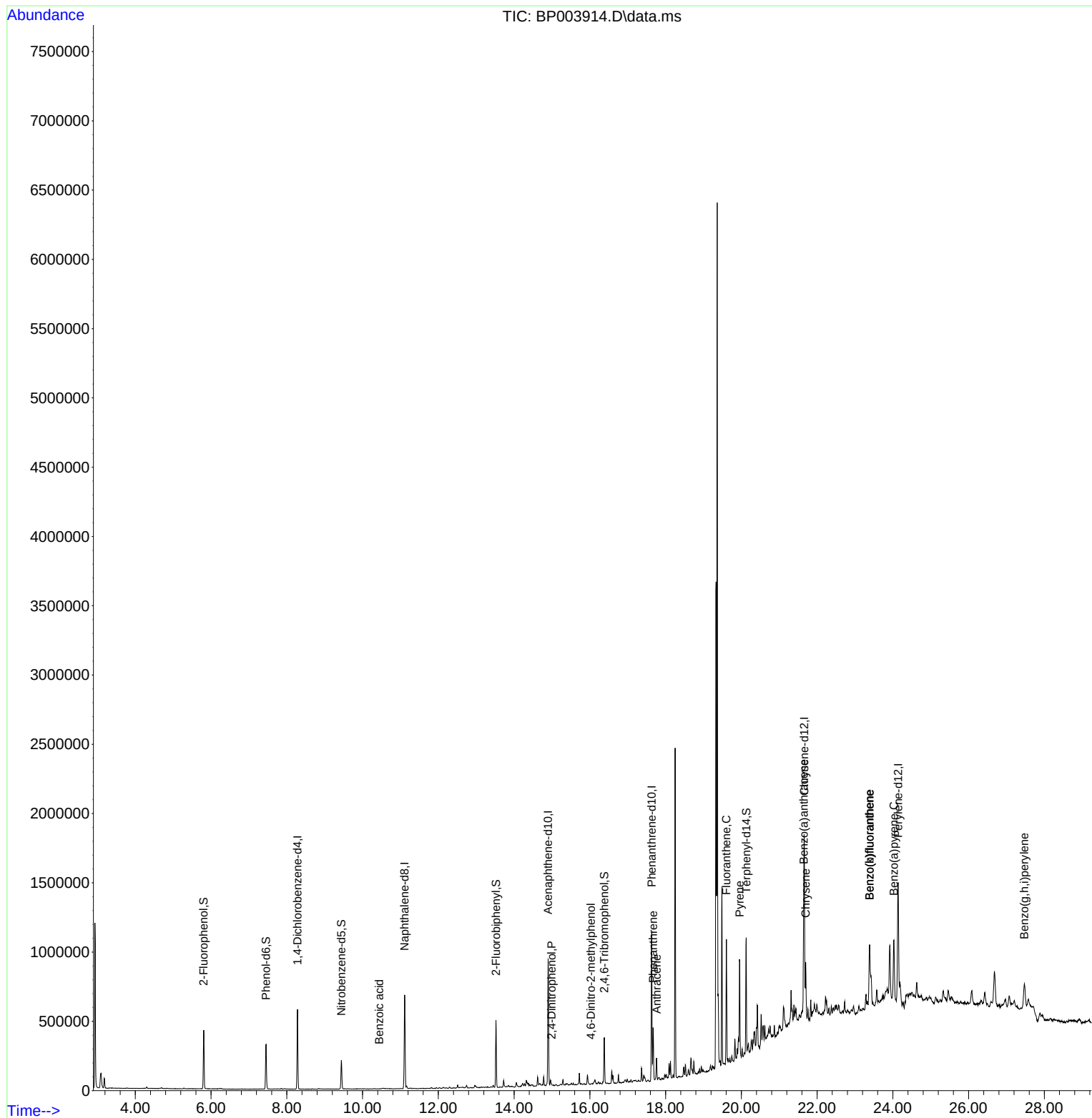
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	148671	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	528542	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	303377	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	634142	20.00	ng	0.00
76) Chrysene-d12	21.663	240	606117	20.00	ng	0.00
86) Perylene-d12	24.139	264	693939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	168116	18.87	ng	0.00
7) Phenol-d6	7.452	99	175827	13.75	ng	0.00
23) Nitrobenzene-d5	9.440	82	112410	10.42	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	59859	15.78	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	239422	11.03	ng	0.00
79) Terphenyl-d14	20.127	244	321295	10.24	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.393	77	287	Below Cal	#	45
32) Benzoic acid	10.440	122	109	8.32 ng	#	87
54) 2,4-Dinitrophenol	14.986	184	64	2.77 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.028	198	17	6.35 ng	#	1
71) Phenanthrene	17.669	178	229279	6.44 ng		99
72) Anthracene	17.763	178	101425	2.95 ng		98
75) Fluoranthene	19.604	202	508884	12.39 ng		99
78) Pyrene	19.957	202	449480	10.93 ng		98
81) Benzo(a)anthracene	21.645	228	278601	6.97 ng		98
83) Chrysene	21.698	228	253035	6.59 ng		96
88) Benzo(b)fluoranthene	23.386	252	544790	12.00 ng		96
89) Benzo(k)fluoranthene	23.386	252	544790	12.15 ng		96
90) Benzo(a)pyrene	24.027	252	335143	7.97 ng		97
92) Benzo(g,h,i)perylene	27.474	276	247263	6.12 ng		99

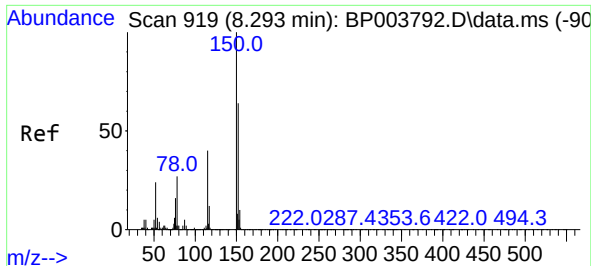
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

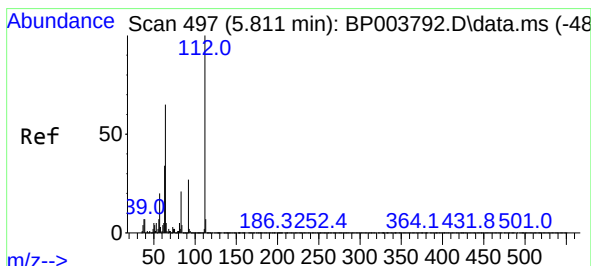
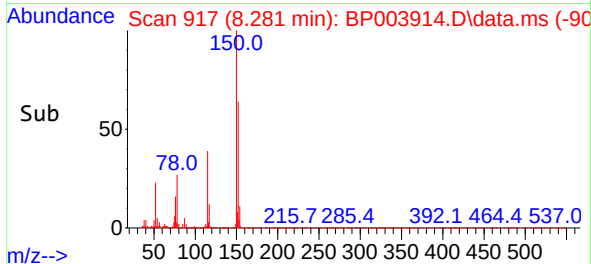
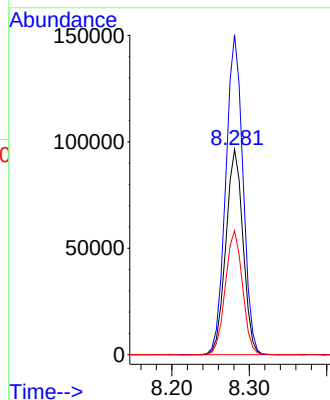
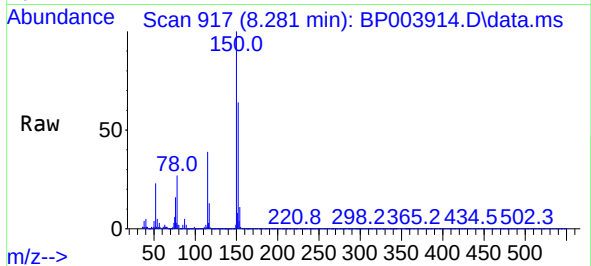




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

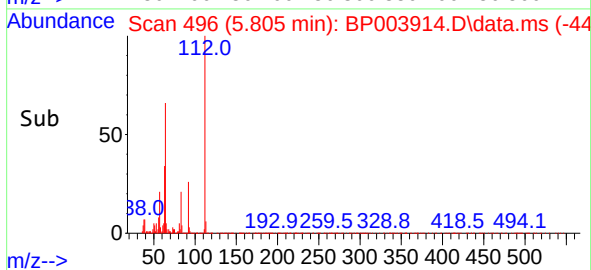
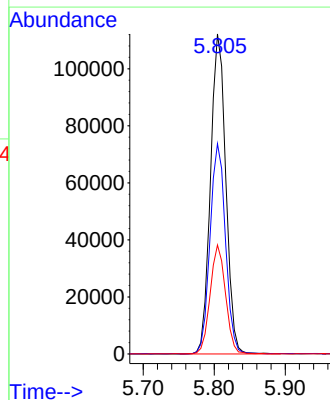
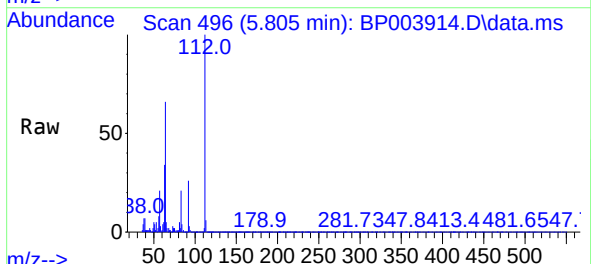
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

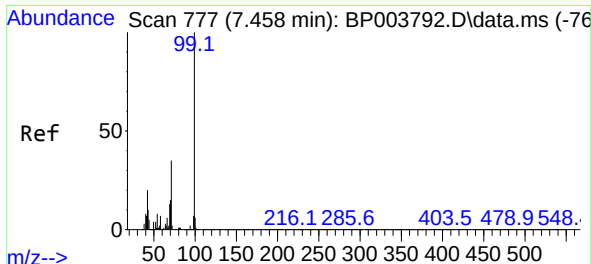
Tgt Ion:152 Resp: 148671
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 60.5 43.8 65.6



#5
2-Fluorophenol
Concen: 18.87 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:112 Resp: 168116
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 34.1 17.0 25.4#

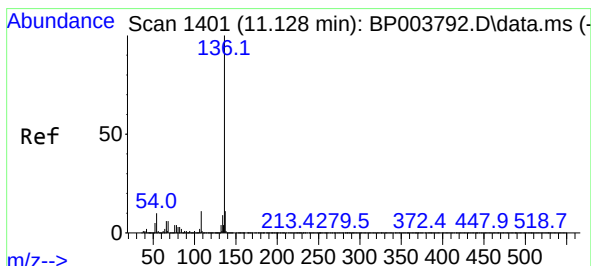
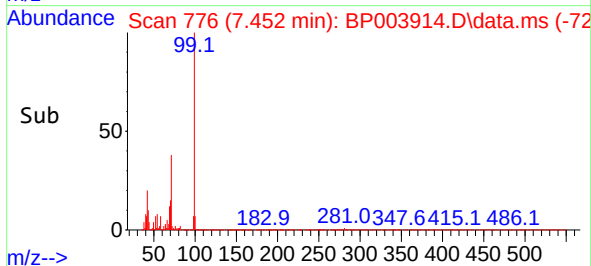
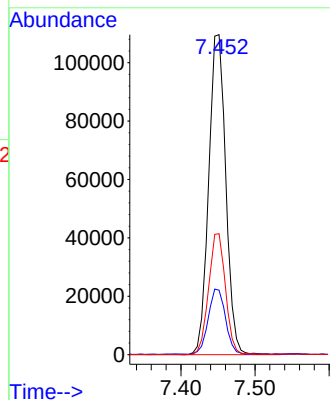
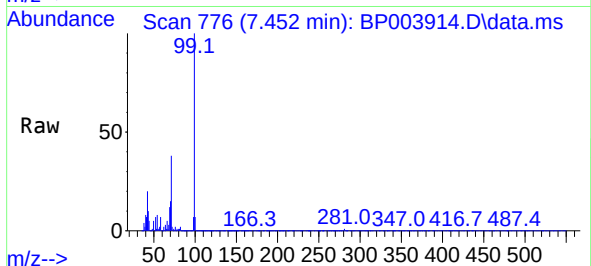




#7
Phenol-d6
Concen: 13.75 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

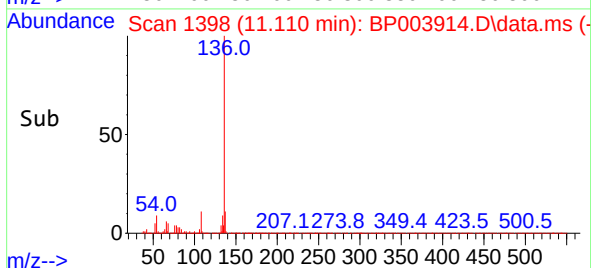
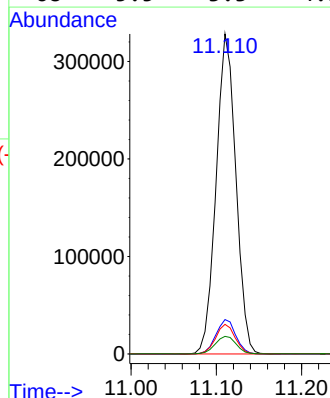
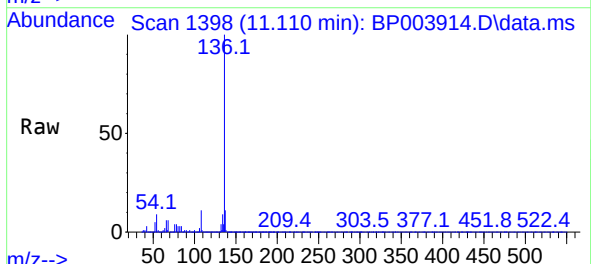
Instrument :
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ClientSampleId :
OR-03-110920

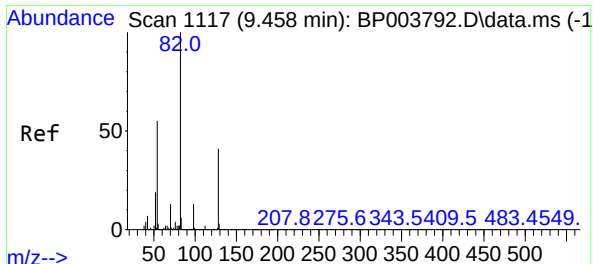
Tgt Ion: 99 Resp: 175827
Ion Ratio Lower Upper
99 100
42 20.2 8.6 13.0#
71 37.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion: 136 Resp: 528542
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 3.6 5.4#
68 5.5 3.3 4.9#

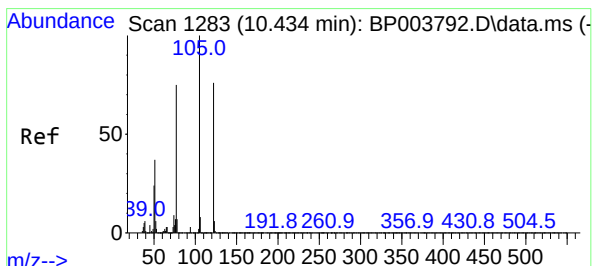
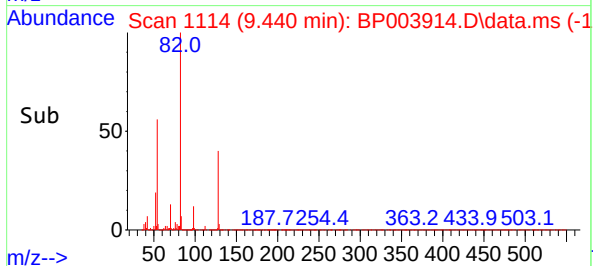
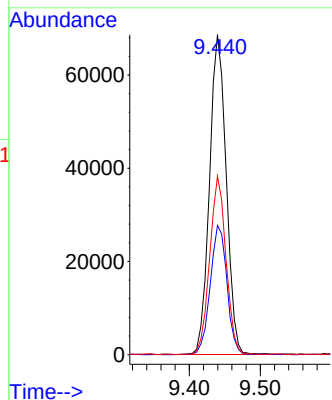
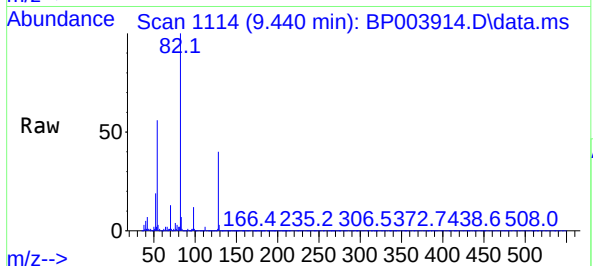




#23
Nitrobenzene-d5
Concen: 10.42 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

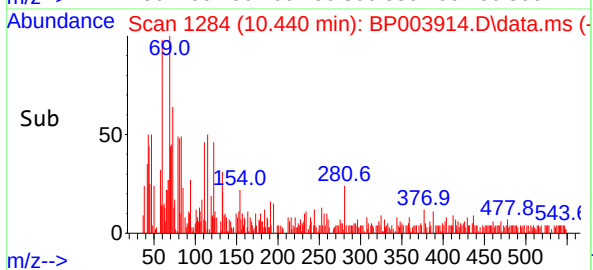
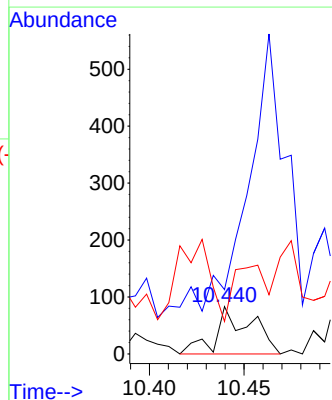
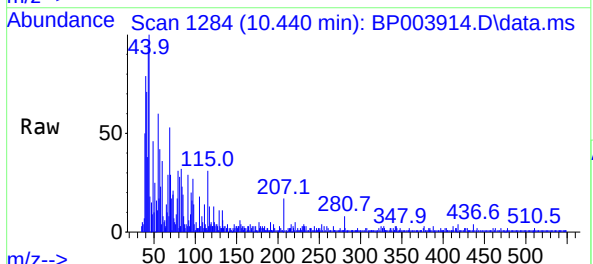
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

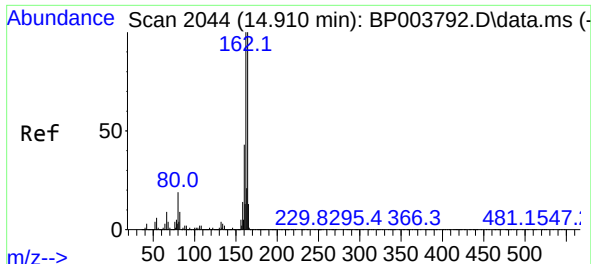
Tgt Ion: 82 Resp: 112410
Ion Ratio Lower Upper
82 100
128 40.4 45.6 68.4#
54 55.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 136.1 94.1 134.1#
77 68.7 50.1 90.1

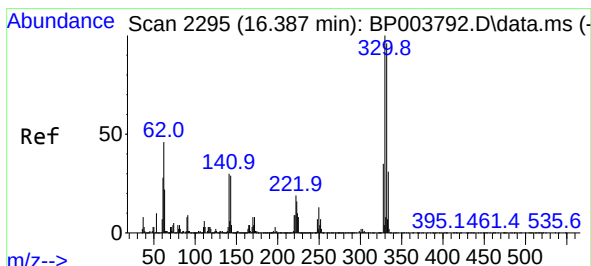
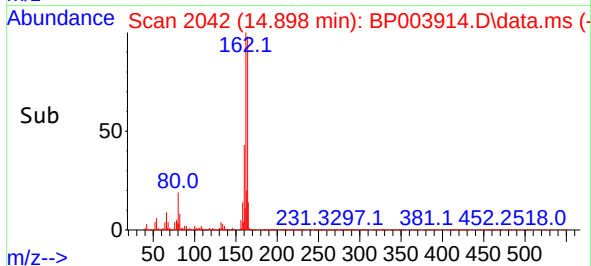
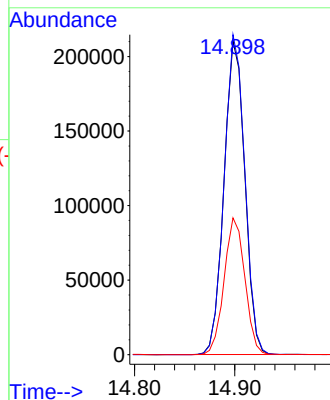
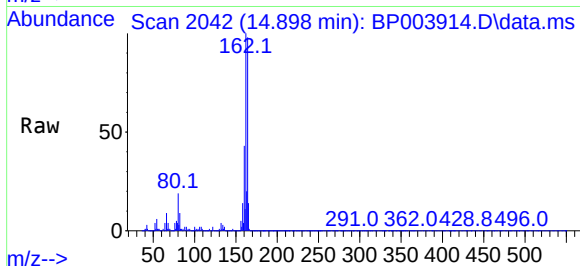




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

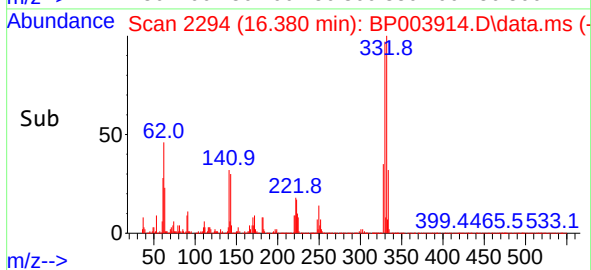
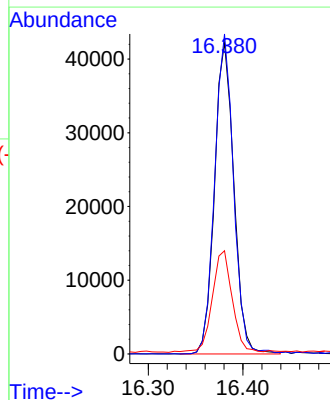
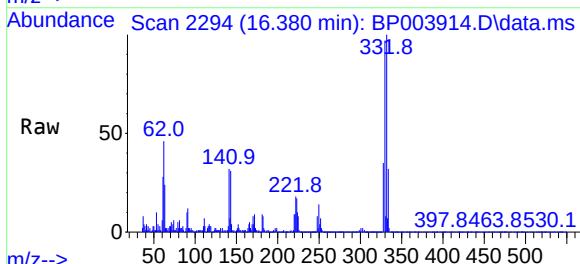
Instrument :
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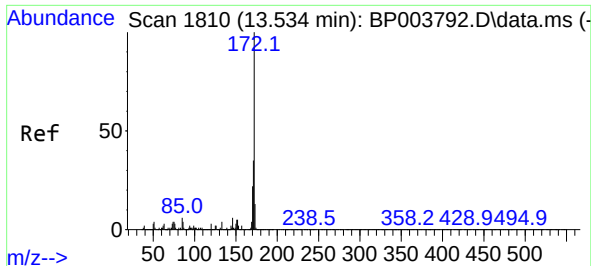
Tgt Ion:164 Resp: 303377
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 43.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 15.78 ng
RT: 16.380 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:330 Resp: 59859
Ion Ratio Lower Upper
330 100
332 100.7 77.1 115.7
141 33.8 23.4 35.2

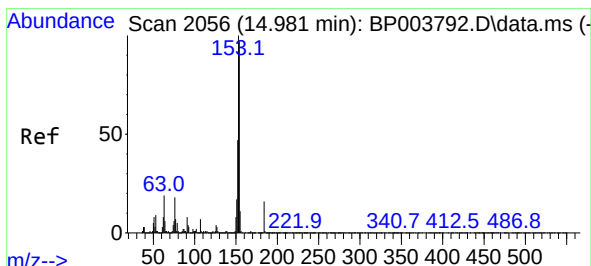
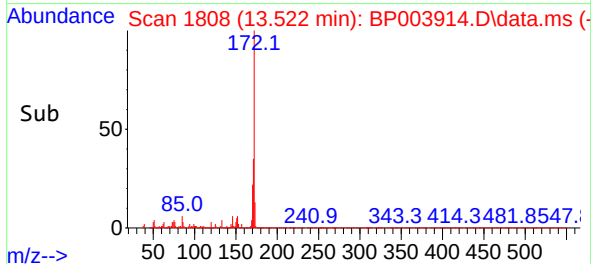
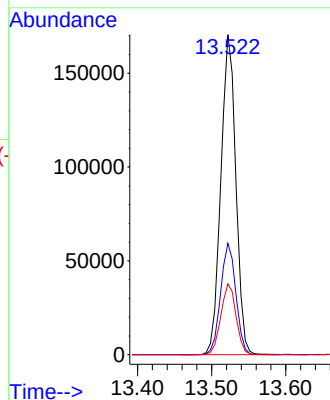
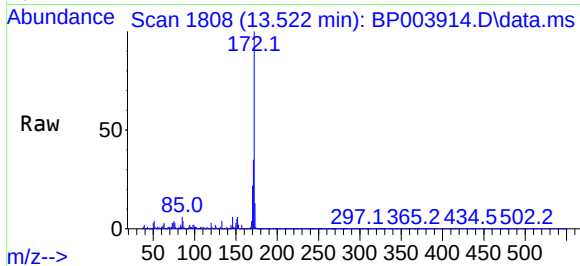




#45
2-Fluorobiphenyl
Concen: 11.03 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

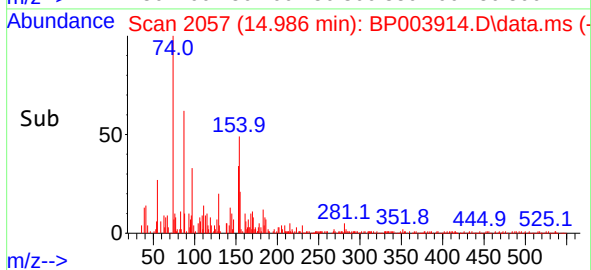
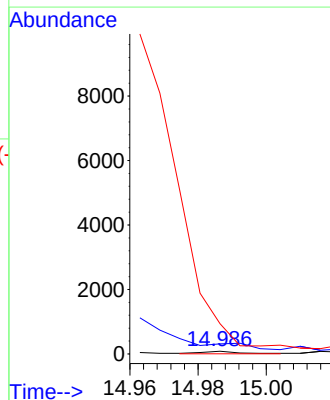
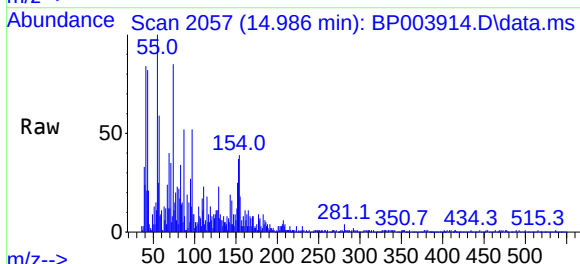
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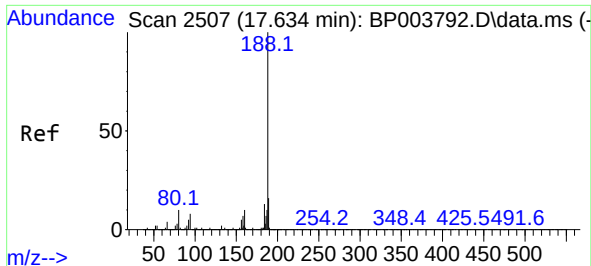
Tgt Ion:172 Resp: 239422
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.1 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 14.986 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 367.1 32.3 48.5#
154 1103.5 49.1 73.7#

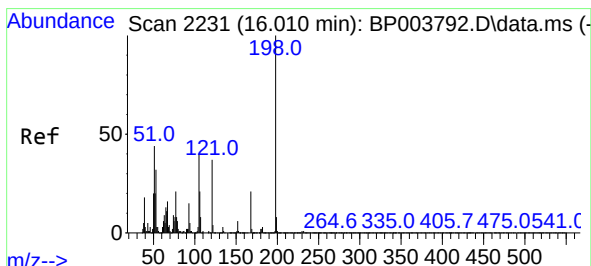
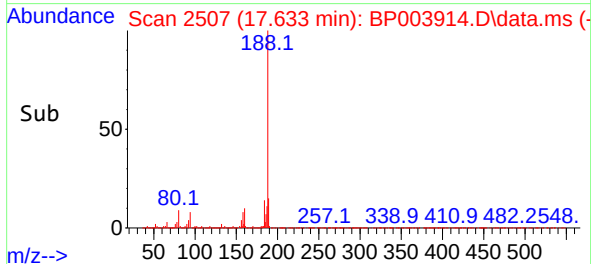
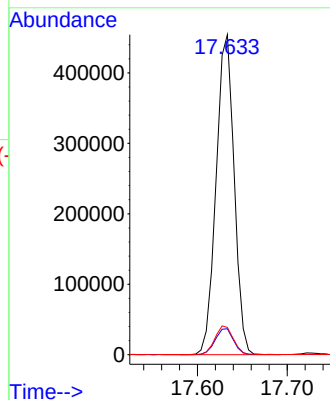
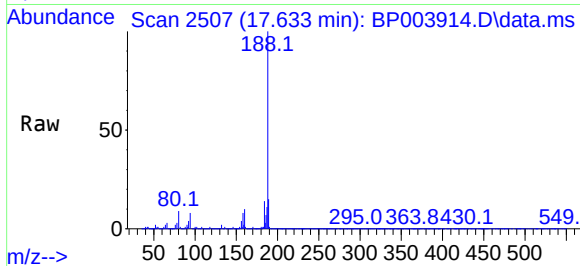




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

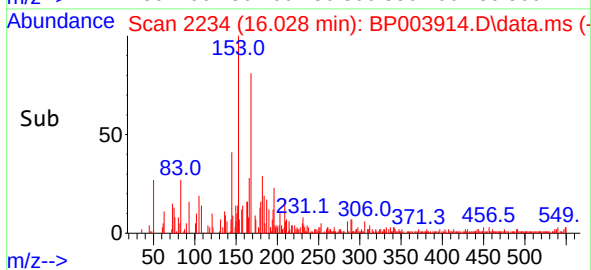
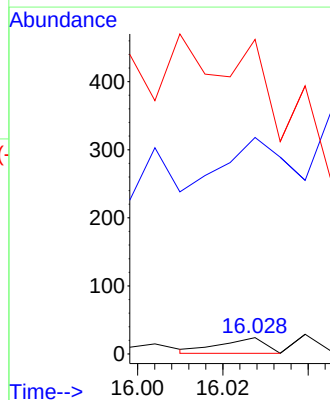
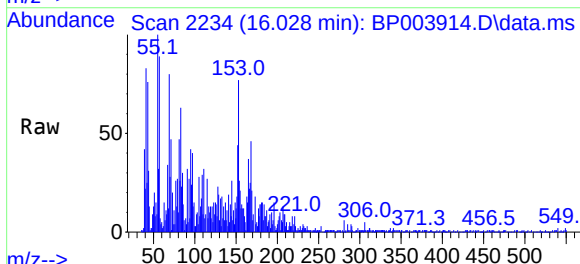
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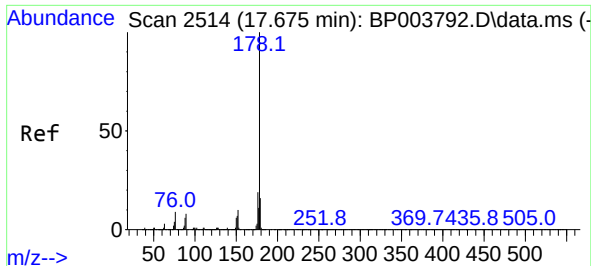
Tgt Ion:	188	Resp:	634142
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.2
80	8.5	6.2	9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.028 min Scan# 2234
Delta R.T. 0.017 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:	198	Resp:	17
Ion	Ratio	Lower	Upper
198	100		
51	1325.0	6.4	46.4#
105	1925.0	18.9	58.9#

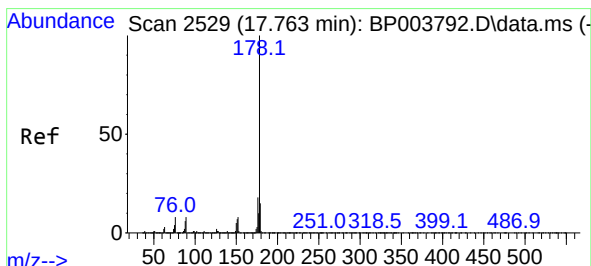
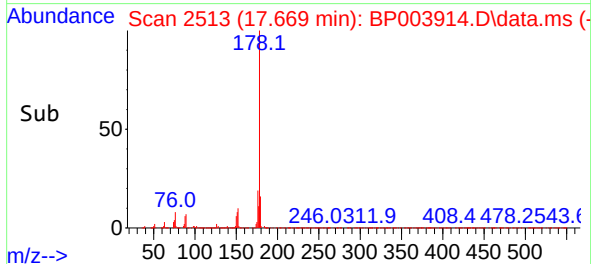
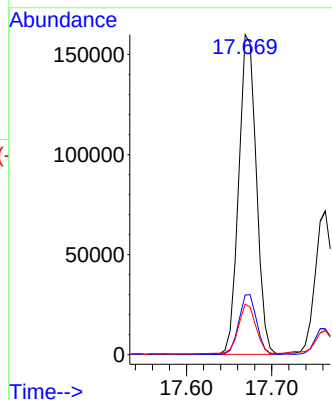
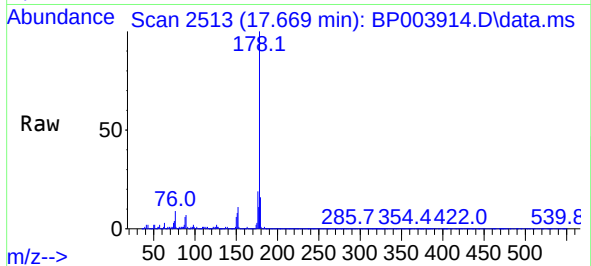




#71
Phenanthrene
Concen: 6.44 ng
RT: 17.669 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

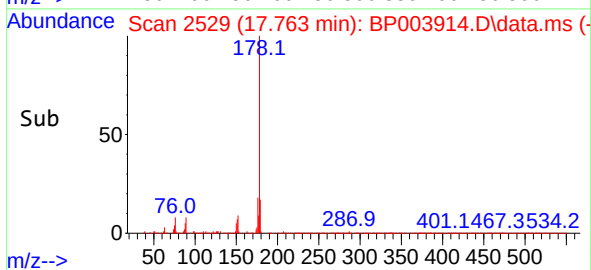
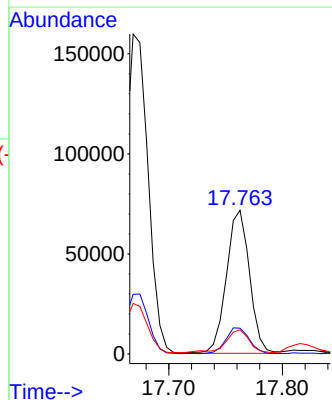
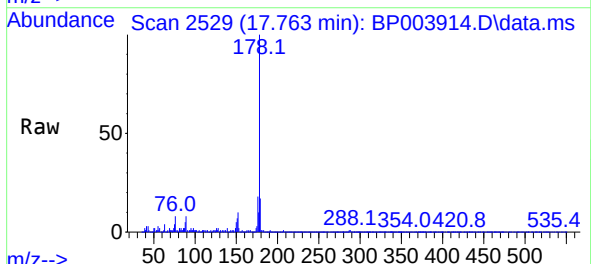
Instrument :
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OR-03-110920

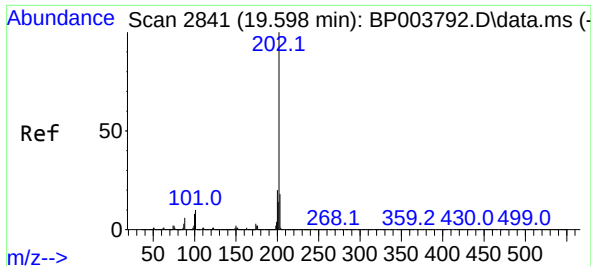
Tgt Ion:178 Resp: 229279
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 2.95 ng
RT: 17.763 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:178 Resp: 101425
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 16.8 12.5 18.7

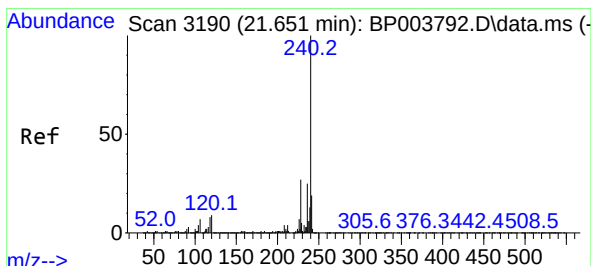
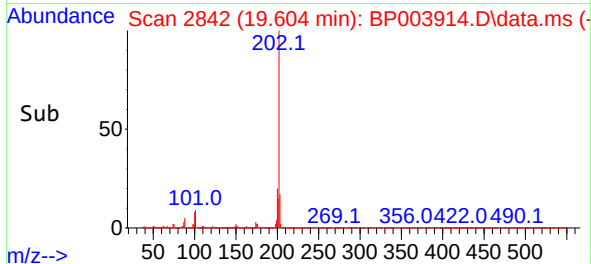
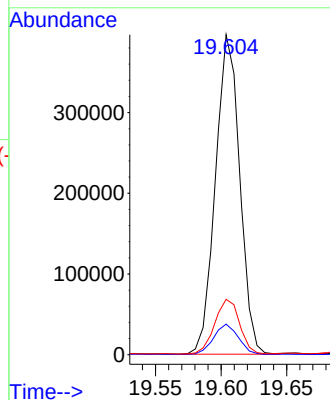
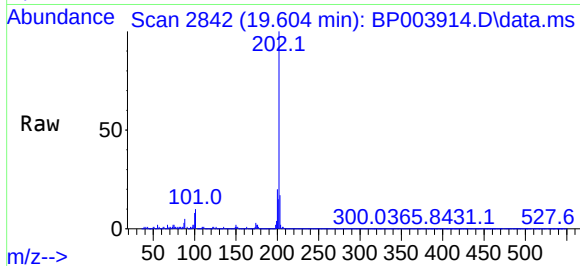




#75
Fluoranthene
Concen: 12.39 ng
RT: 19.604 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

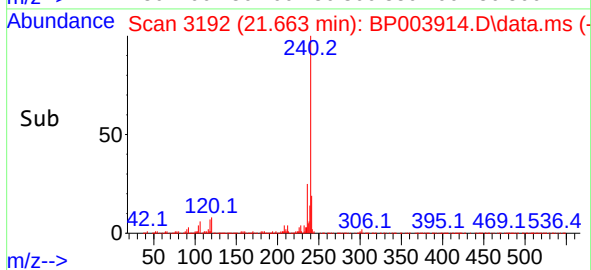
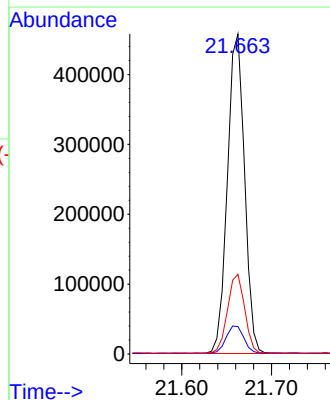
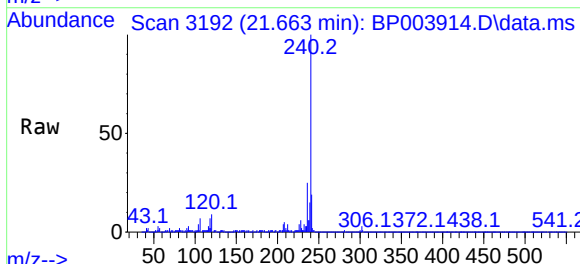
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

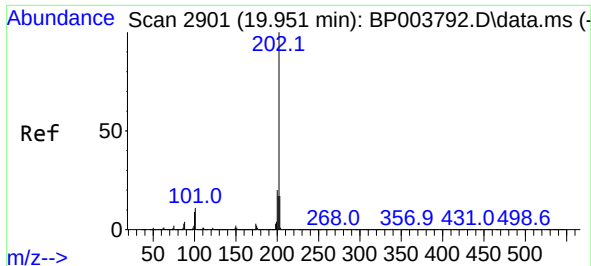
Tgt Ion:202	Resp:	508884
Ion Ratio	Lower	Upper
202	100	
101	9.6	0.0 29.4
203	17.3	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:240	Resp:	606117
Ion Ratio	Lower	Upper
240	100	
120	8.6	7.8 11.6
236	24.9	20.8 31.2

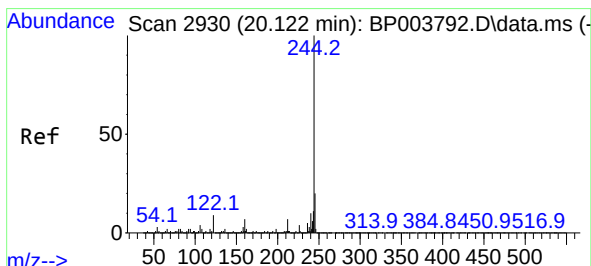
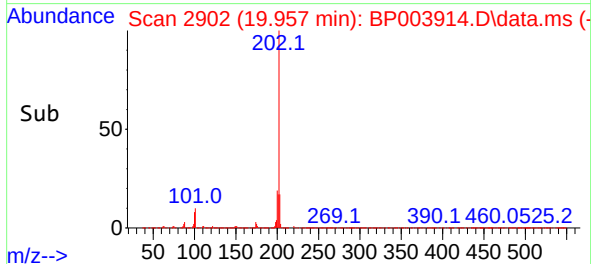
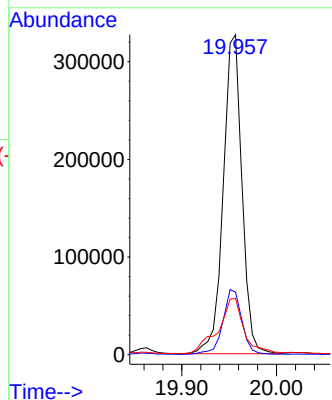
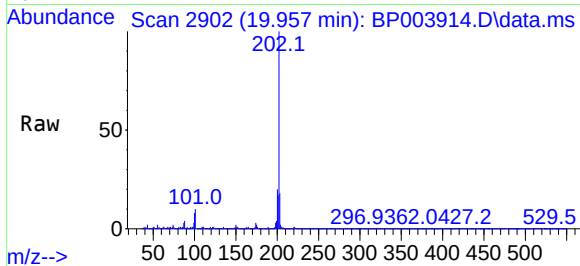




#78
Pyrene
Concen: 10.93 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

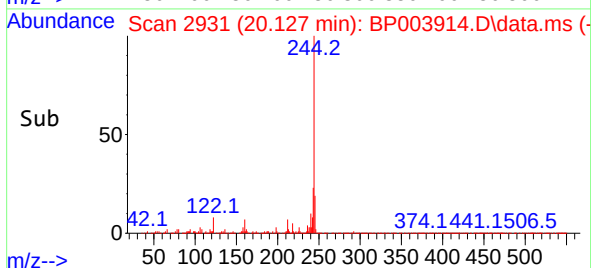
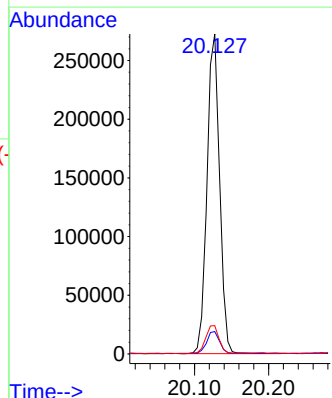
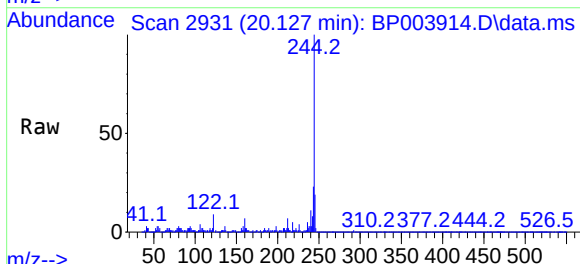
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

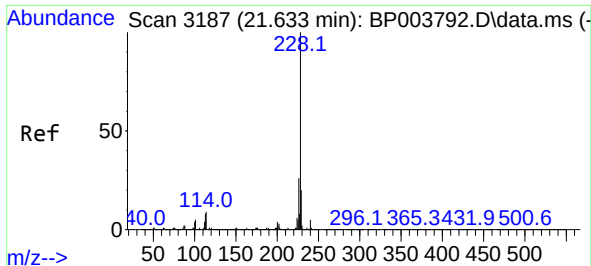
Tgt Ion:202 Resp: 449480
Ion Ratio Lower Upper
202 100
200 19.5 17.1 25.7
203 17.6 14.2 21.2



#79
Terphenyl-d14
Concen: 10.24 ng
RT: 20.127 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:244 Resp: 321295
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.9 7.8 11.8

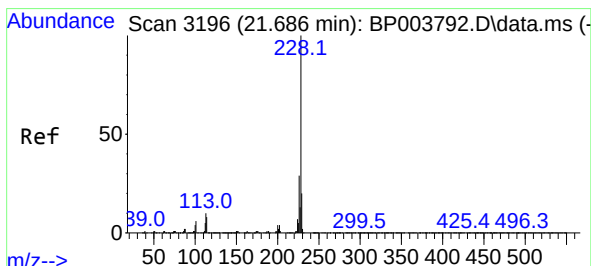
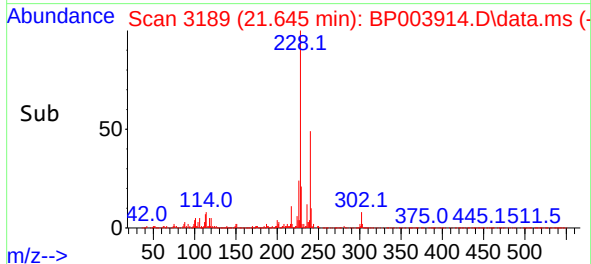
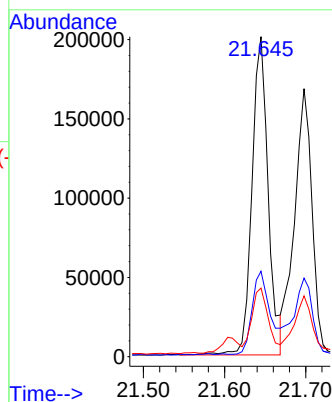
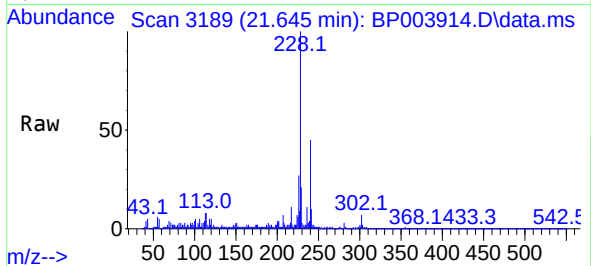




#81
Benzo(a)anthracene
Concen: 6.97 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

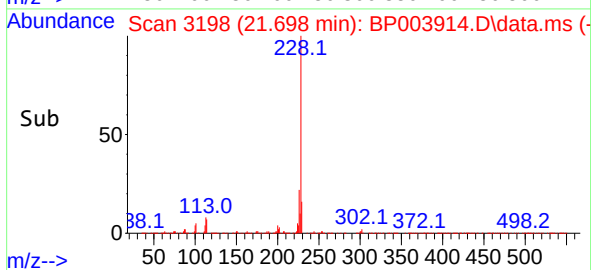
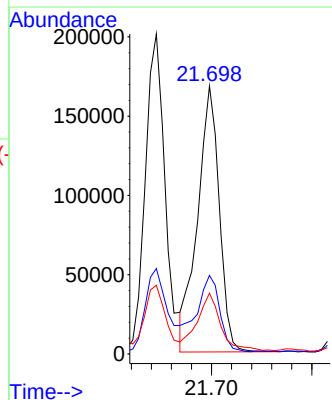
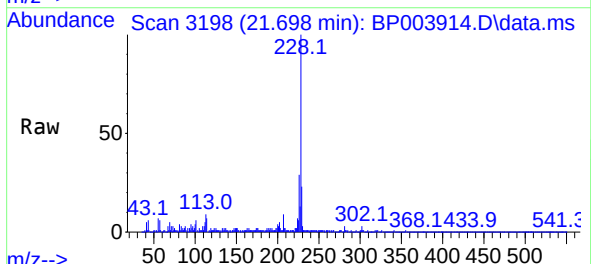
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

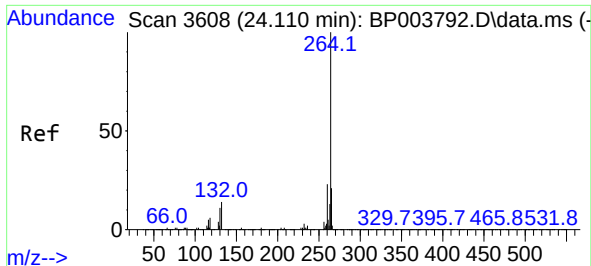
Tgt Ion:228 Resp: 278601
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 21.4 15.9 23.9



#83
Chrysene
Concen: 6.59 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:228 Resp: 253035
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 22.7 15.8 23.6



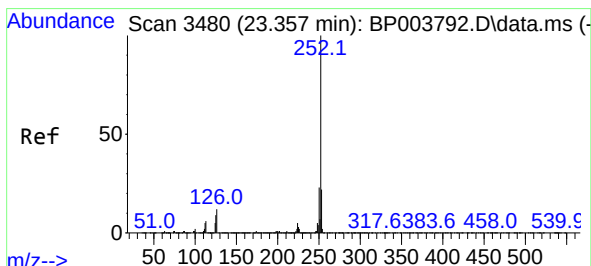
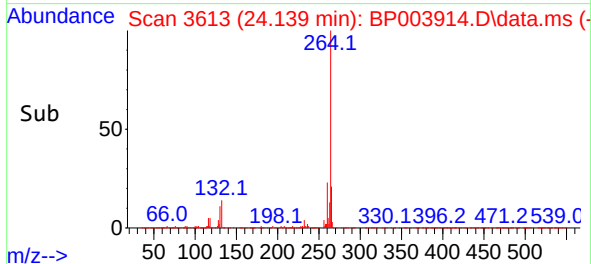
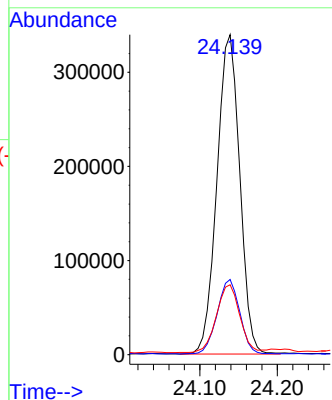
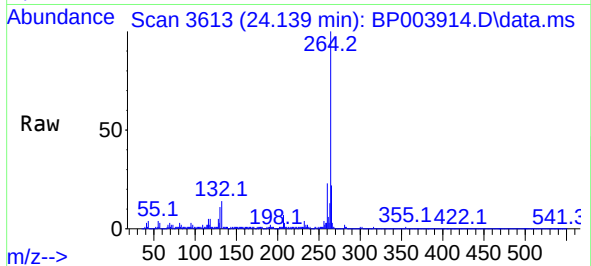


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Instrument :
BNA_P
ClientSampleId :
OR-03-110920

Tgt Ion:264 Resp: 693939

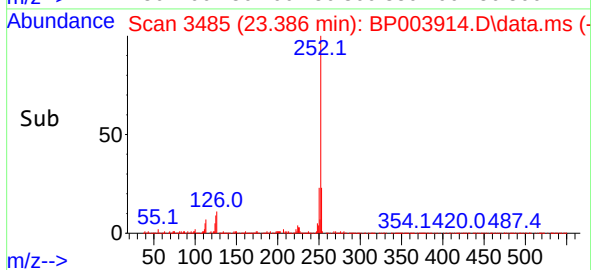
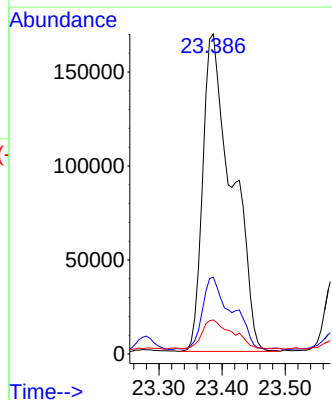
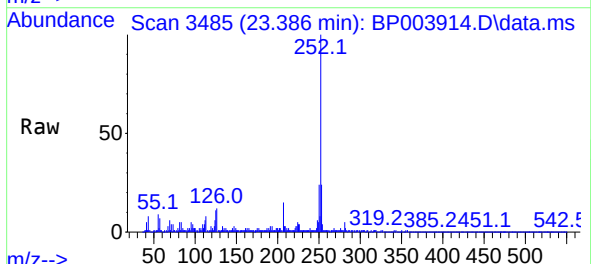
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.9	17.4	26.2

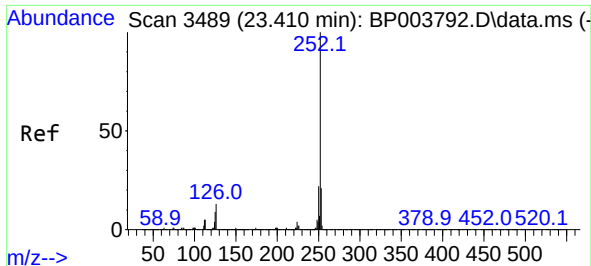


#88
Benzo(b)fluoranthene
Concen: 12.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Tgt Ion:252 Resp: 544790

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	10.6	7.3	10.9

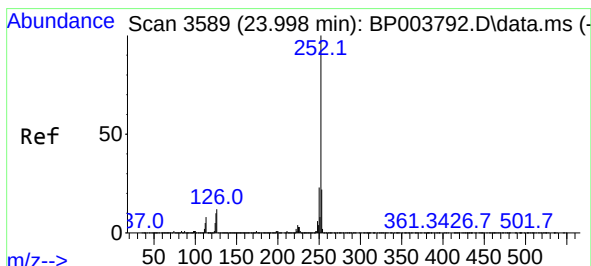
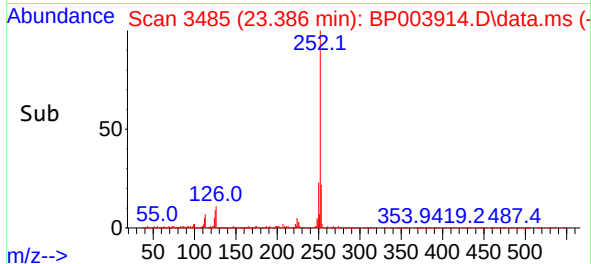
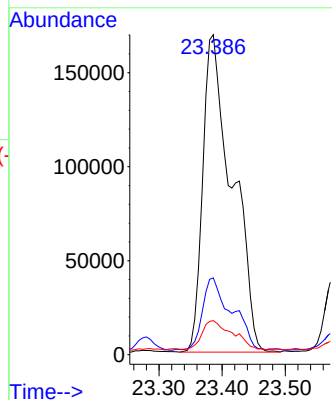
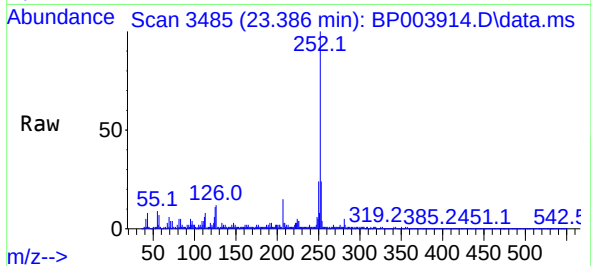




#89
Benzo(k)fluoranthene
Concen: 12.15 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.041 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

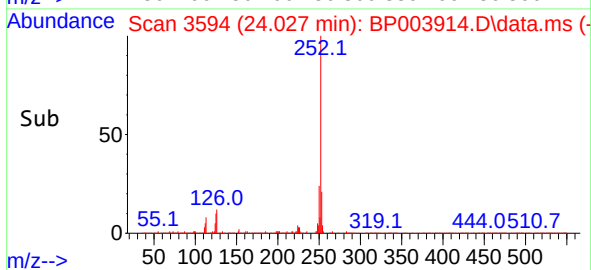
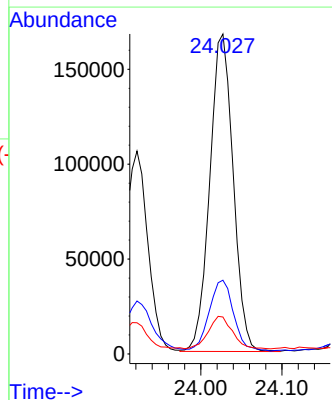
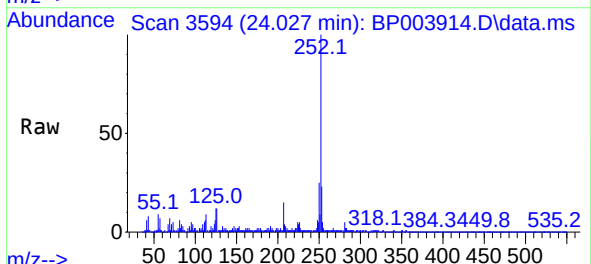
Instrument :
BNA_P
ClientSampleId :
OR-03-110920

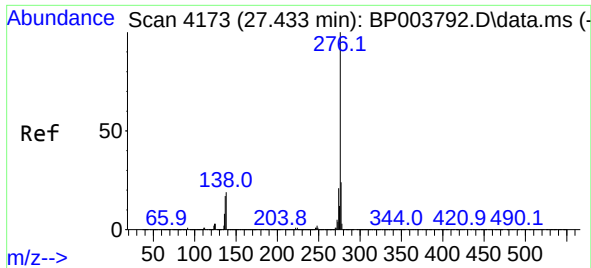
Tgt Ion:252 Resp: 544790
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 10.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 7.97 ng
RT: 24.027 min Scan# 3594
Delta R.T. 0.006 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

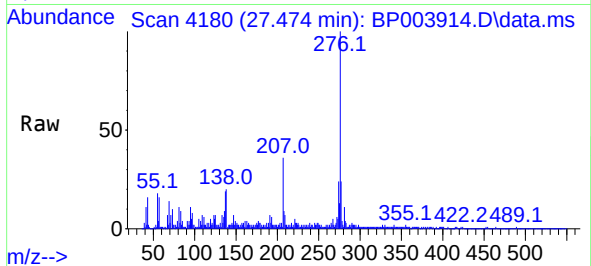
Tgt Ion:252 Resp: 335143
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 11.5 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 6.12 ng
RT: 27.474 min Scan# 4180
Delta R.T. -0.000 min
Lab File: BP003914.D
Acq: 10 Nov 2020 21:51

Instrument :
BNA_P
ClientSampleId :
OR-03-110920



Tgt Ion: 276 Resp: 247263
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 20.3 16.6 24.8

