

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
 Data File : BP003932.D
 Acq On : 11 Nov 2020 21:38
 Operator : CG/JU
 Sample : L4701-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TRANSFORMER-5-(1-4)

Quant Time: Nov 12 00:26:17 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)

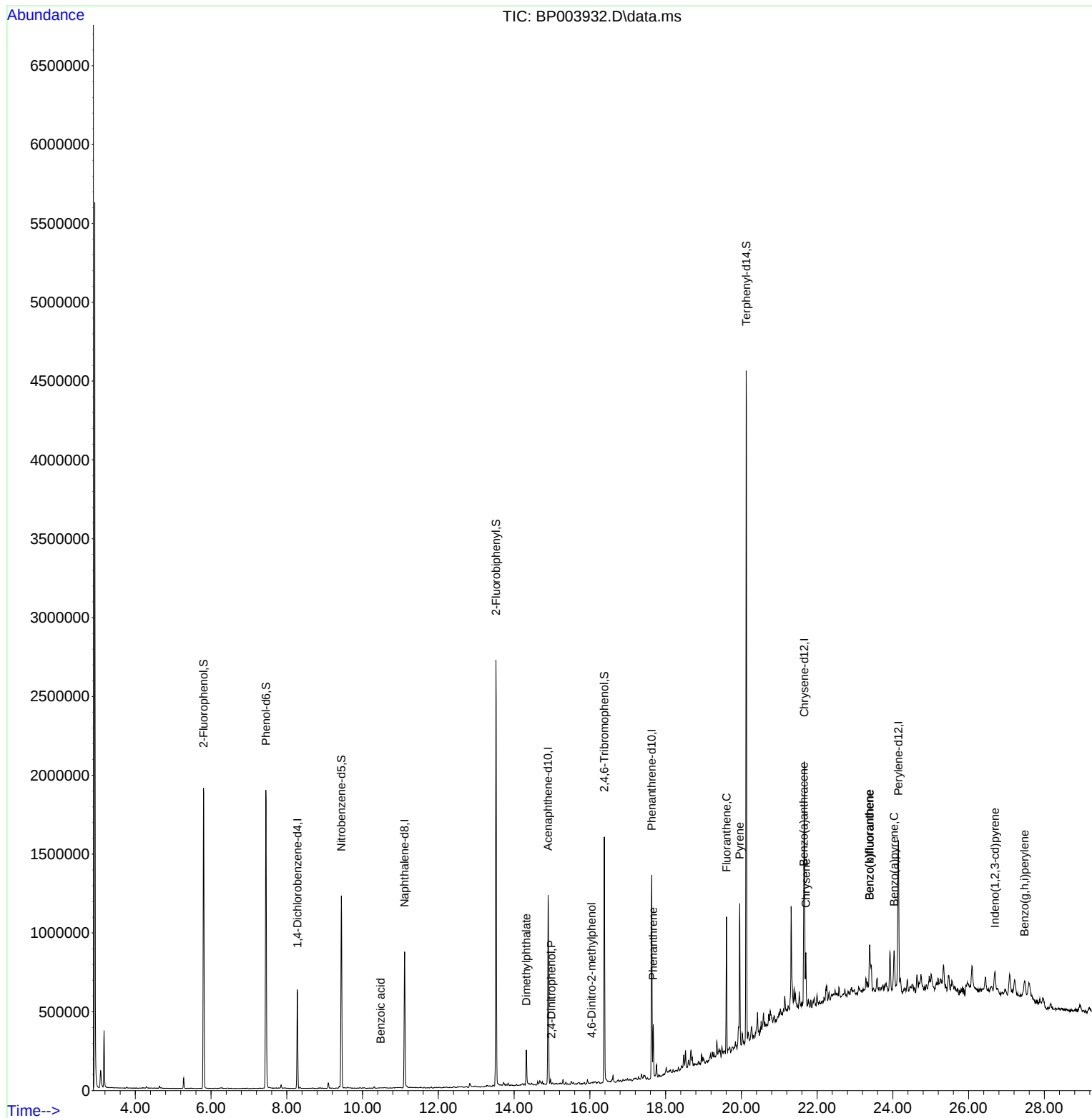
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	164630	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	666105	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	396218	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	762255	20.00	ng	0.00
76) Chrysene-d12	21.663	240	728385	20.00	ng	0.00
86) Perylene-d12	24.145	264	763688	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	771298	78.19	ng	0.00
7) Phenol-d6	7.446	99	1027276	72.55	ng	0.00
23) Nitrobenzene-d5	9.440	82	666377	49.00	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	288004	58.12	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1368433	48.28	ng	0.00
79) Terphenyl-d14	20.127	244	1786753	47.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.393	77	826	Below Cal	#	50
32) Benzoic acid	10.475	122	183	8.33	ng	94
50) Dimethylphthalate	14.322	163	136280	4.40	ng	99
54) 2,4-Dinitrophenol	14.981	184	37	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.045	198	11	6.34	ng	# 1
71) Phenanthrene	17.675	178	194068	4.54	ng	97
75) Fluoranthene	19.610	202	506523	10.26	ng	99
78) Pyrene	19.957	202	512768	10.37	ng	98
81) Benzo(a)anthracene	21.645	228	237125	4.94	ng	96
83) Chrysene	21.704	228	223864	4.85	ng	97
87) Indeno(1,2,3-cd)pyrene	26.692	276	129728	2.35	ng	98
88) Benzo(b)fluoranthene	23.386	252	263536	5.27	ng	# 95
89) Benzo(k)fluoranthene	23.386	252	263536	5.34	ng	# 96
90) Benzo(a)pyrene	24.033	252	183347	3.96	ng	95
92) Benzo(g,h,i)perylene	27.480	276	127399	2.87	ng	96

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

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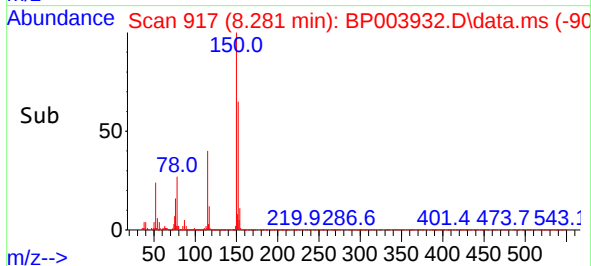
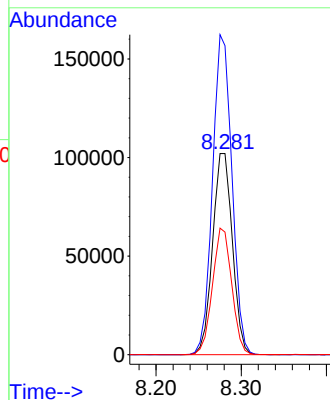
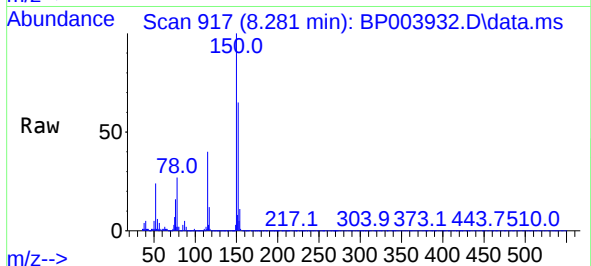




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

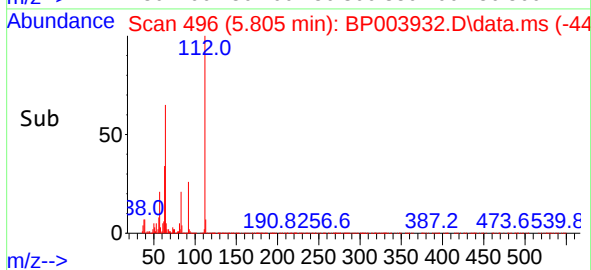
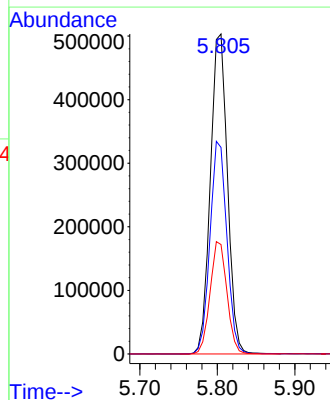
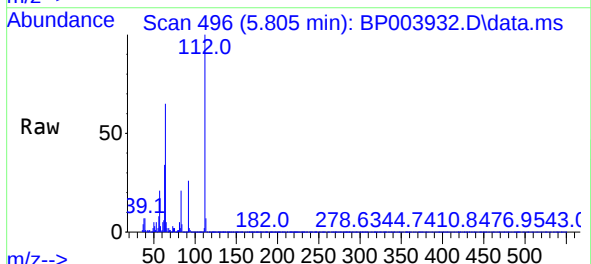
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

Tgt Ion:152 Resp: 164630
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 78.19 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:112 Resp: 771298
Ion Ratio Lower Upper
112 100
64 64.5 32.8 49.2#
63 34.2 17.0 25.4#

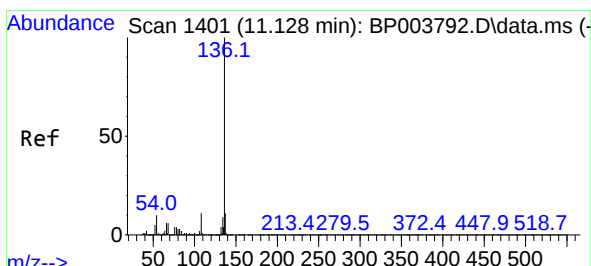
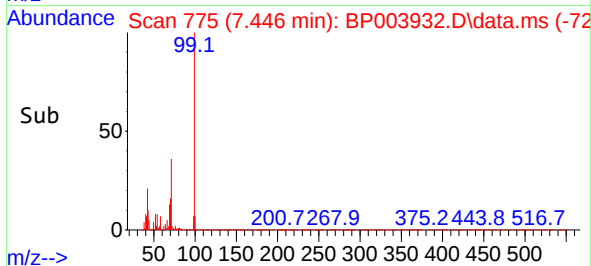
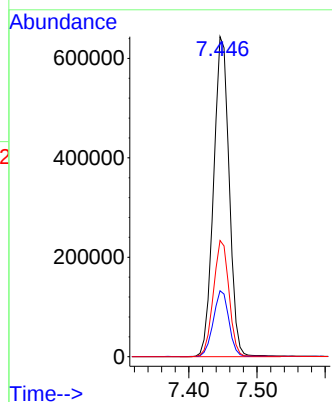
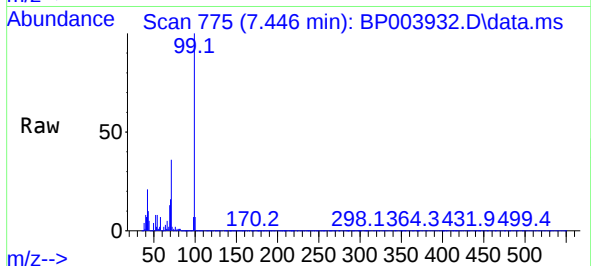




#7
Phenol-d6
Concen: 72.55 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

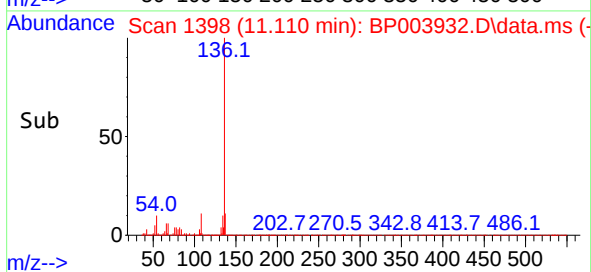
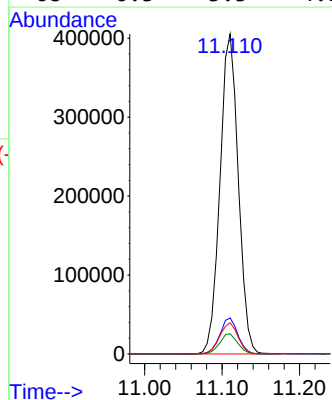
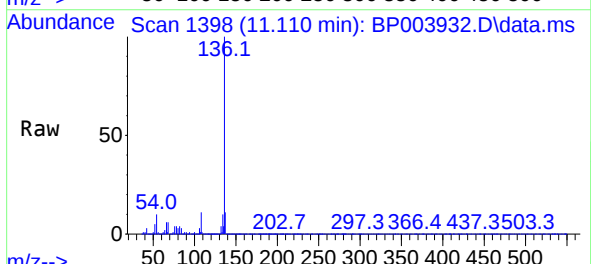
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

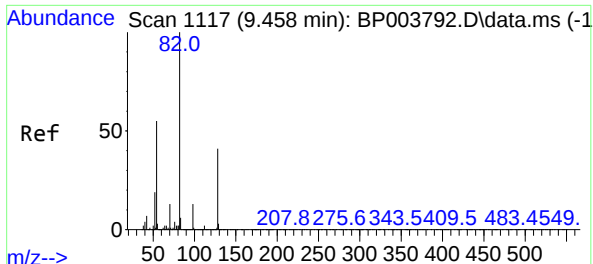
Tgt Ion: 99 Resp: 1027276
Ion Ratio Lower Upper
99 100
42 20.6 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion: 136 Resp: 666105
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.8 3.6 5.4#
68 6.3 3.3 4.9#

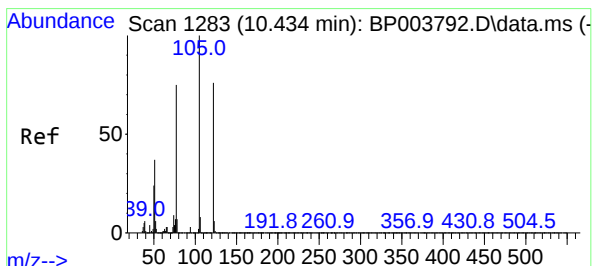
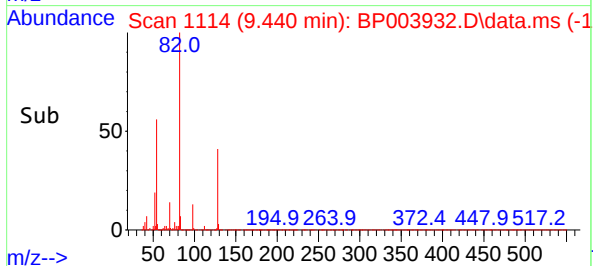
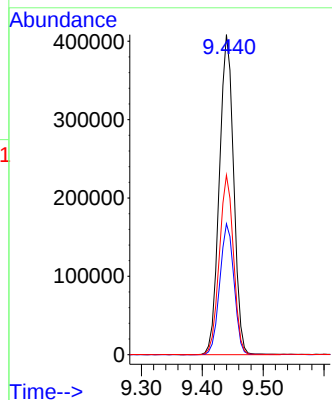
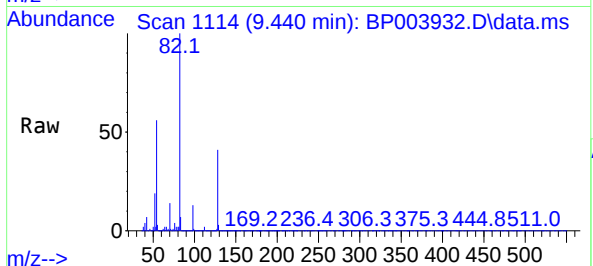




#23
Nitrobenzene-d5
Concen: 49.00 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

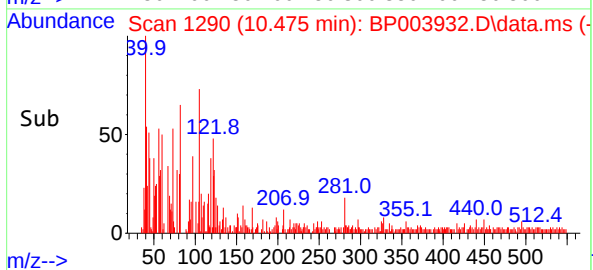
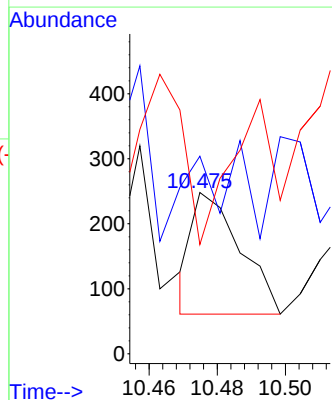
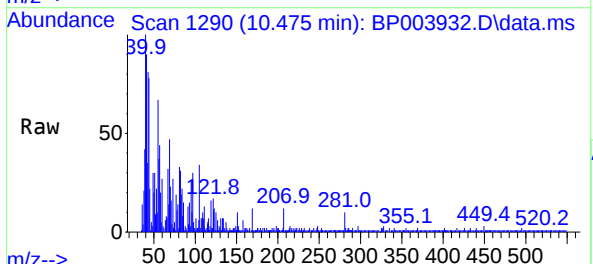
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

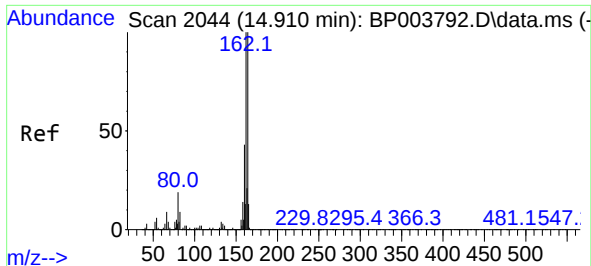
Tgt Ion: 82 Resp: 666377
Ion Ratio Lower Upper
82 100
128 40.9 45.6 68.4#
54 56.1 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.475 min Scan# 1290
Delta R.T. 0.047 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion: 122 Resp: 183
Ion Ratio Lower Upper
122 100
105 122.6 94.1 134.1
77 67.7 50.1 90.1

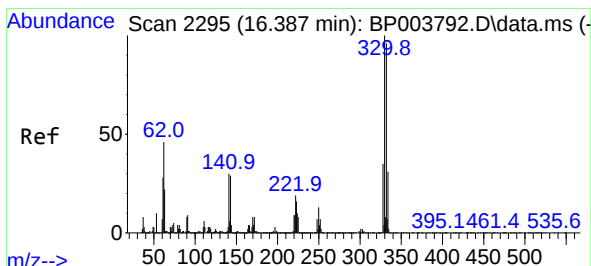
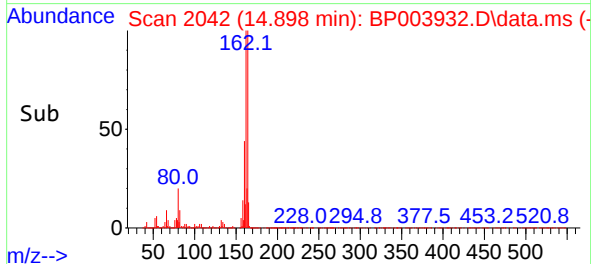
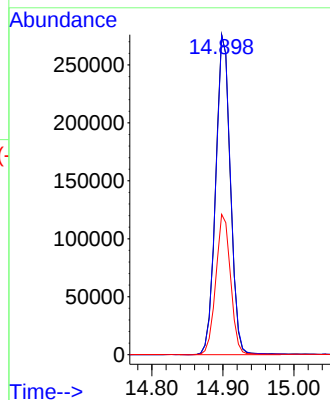
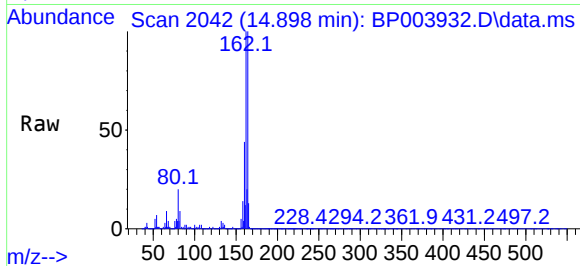




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

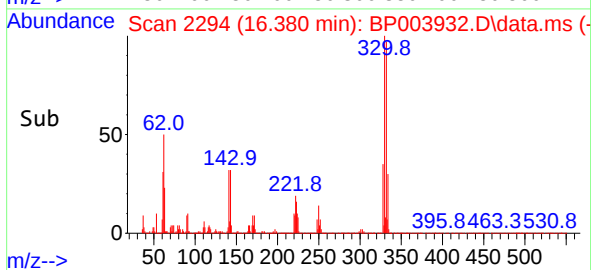
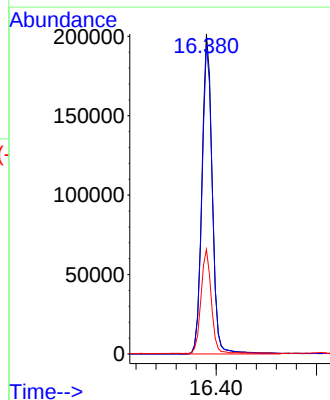
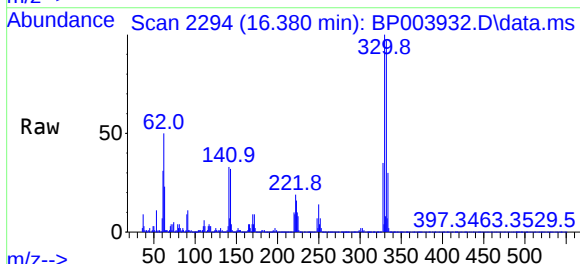
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

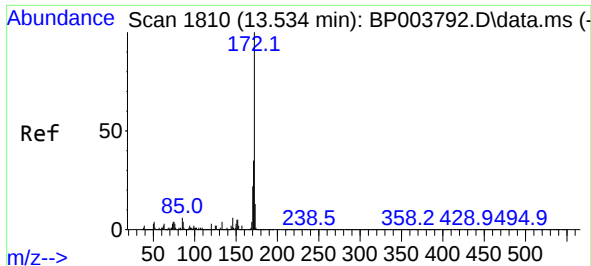
Tgt Ion:164 Resp: 396218
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 58.12 ng
RT: 16.380 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:330 Resp: 288004
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.2 23.4 35.2

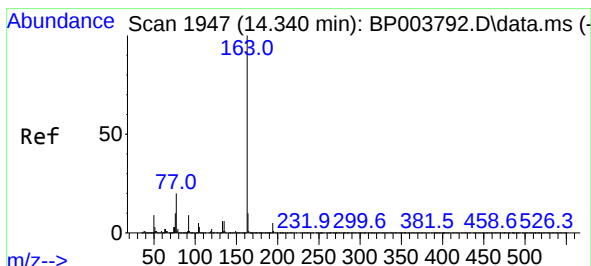
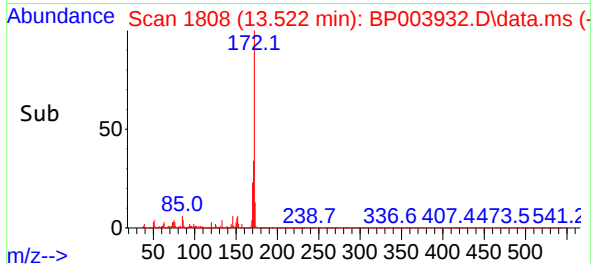
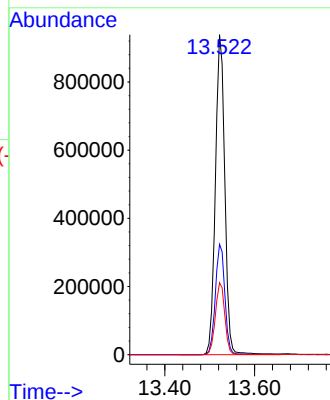
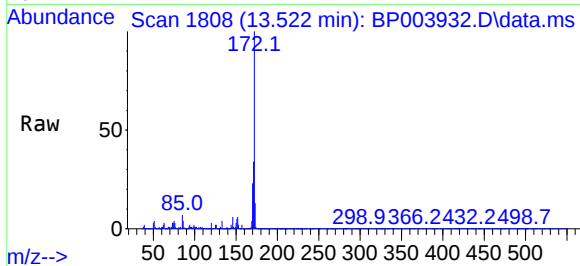




#45
2-Fluorobiphenyl
Concen: 48.28 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

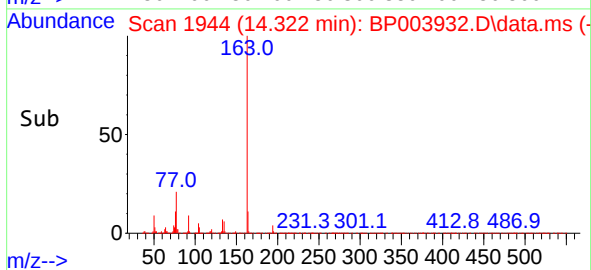
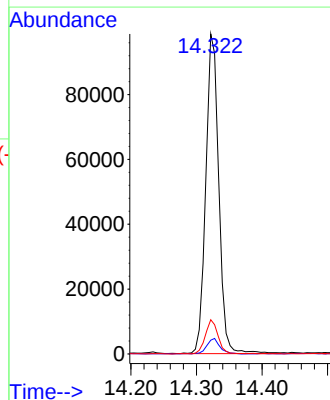
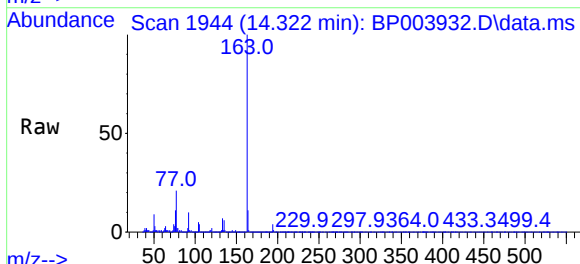
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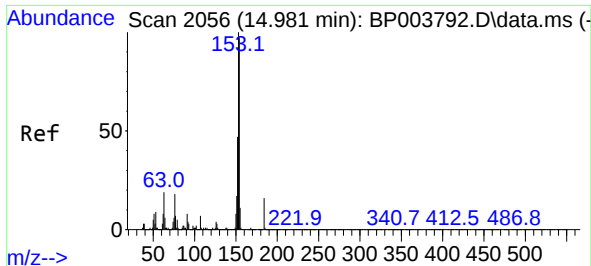
Tgt Ion:172 Resp: 1368433
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 4.40 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:163 Resp: 136280
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.2 12.2

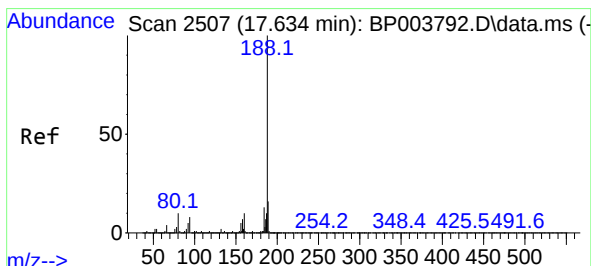
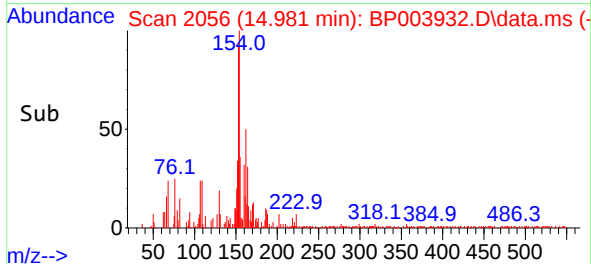
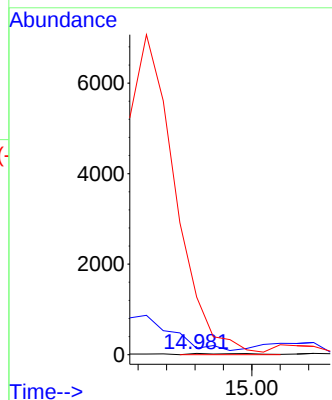
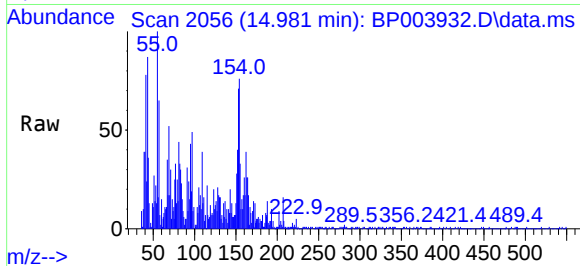




#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

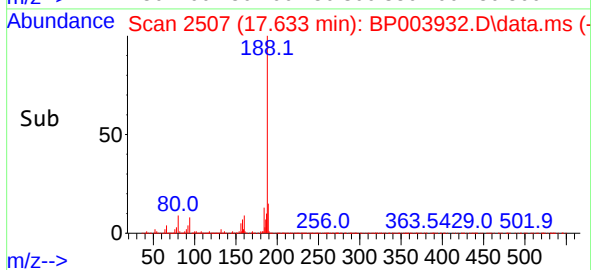
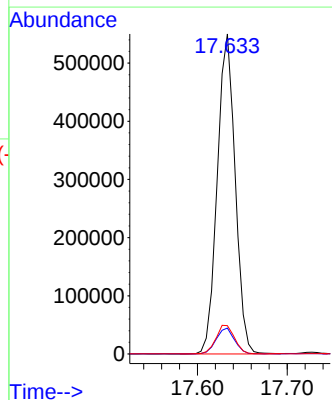
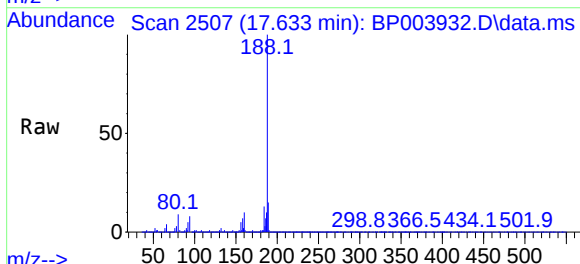
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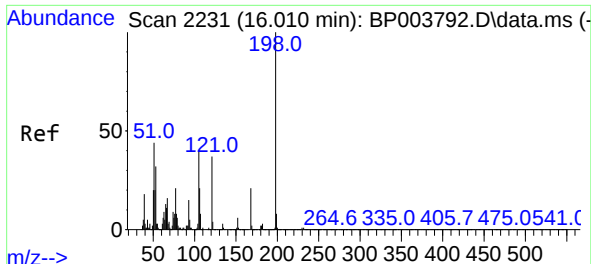
Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 518.5 32.3 48.5#
154 4714.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:188 Resp: 762255
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.9 6.2 9.2

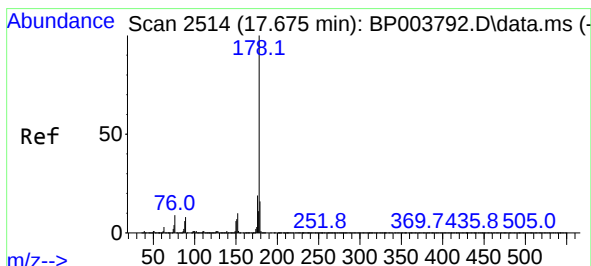
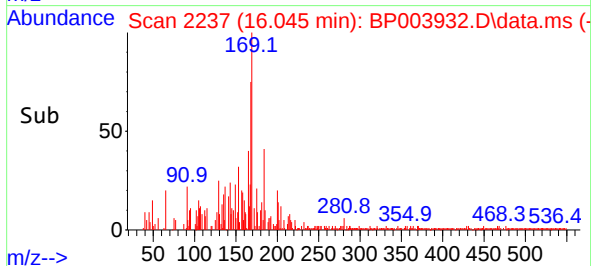
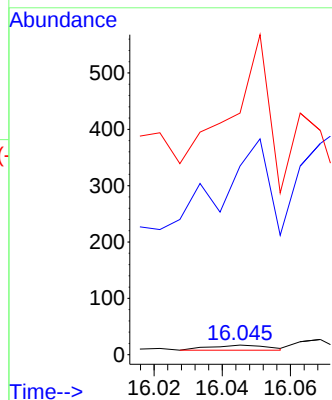
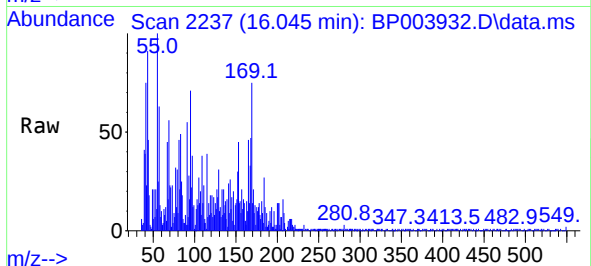




#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 16.045 min Scan# 2237
Delta R.T. 0.035 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

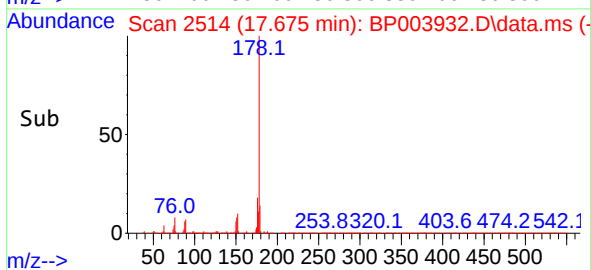
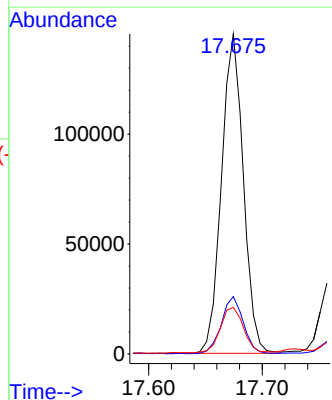
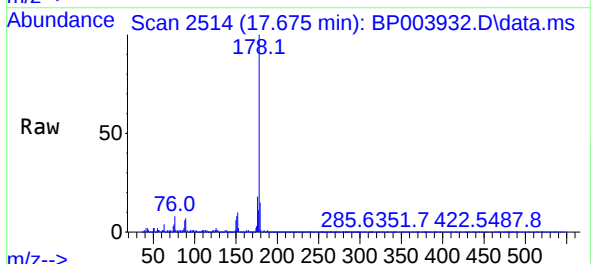
Instrument :
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TRANSFORMER-5-(1-4)

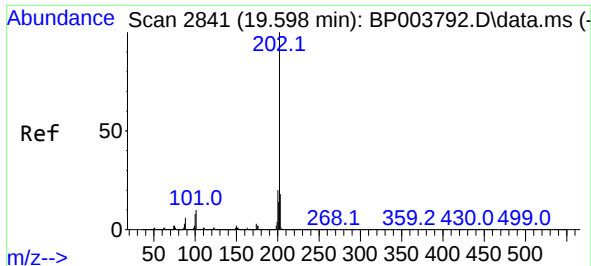
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1970.6 6.4 46.4#
105 2523.5 18.9 58.9#



#71
Phenanthrene
Concen: 4.54 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:178 Resp: 194068
Ion Ratio Lower Upper
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176 18.0 15.3 22.9
179 14.5 12.5 18.7

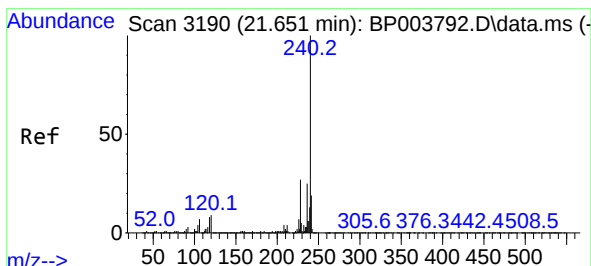
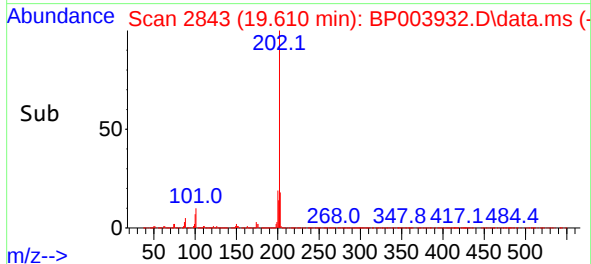
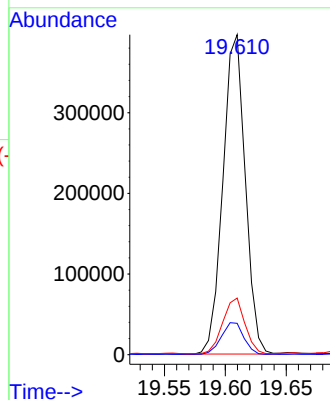
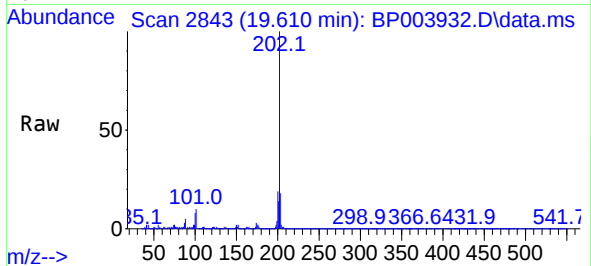




#75
Fluoranthene
Concen: 10.26 ng
RT: 19.610 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

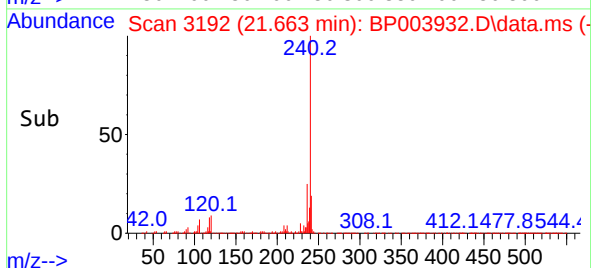
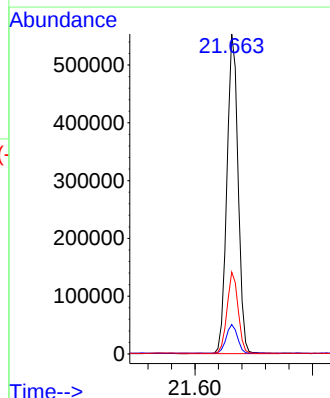
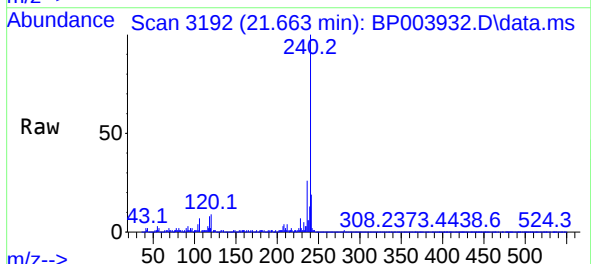
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

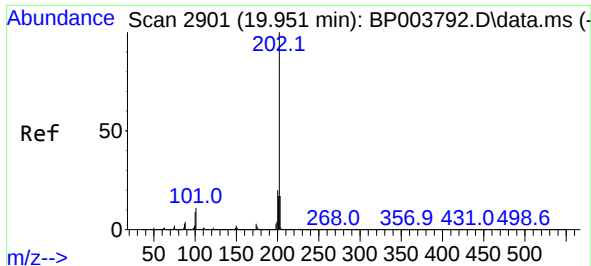
Tgt Ion:	202	Resp:	506523
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	17.7	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:	240	Resp:	728385
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.8	11.6
236	25.6	20.8	31.2

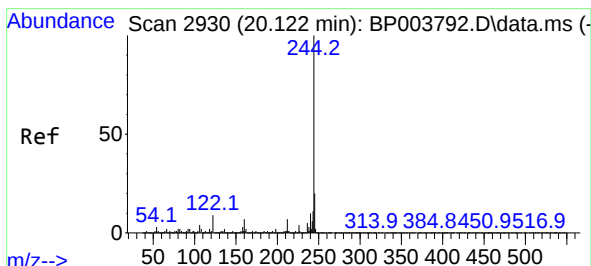
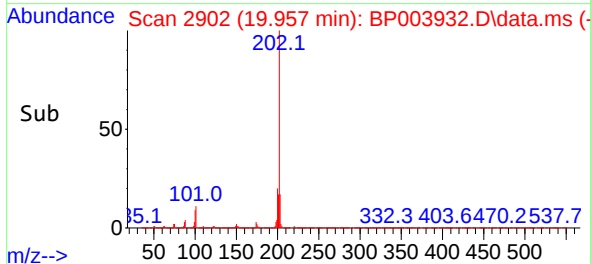
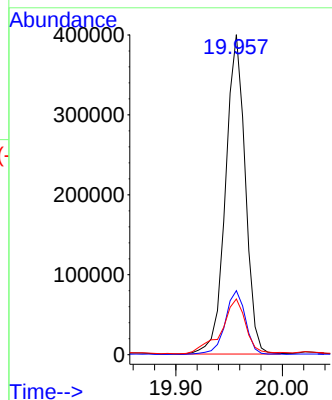
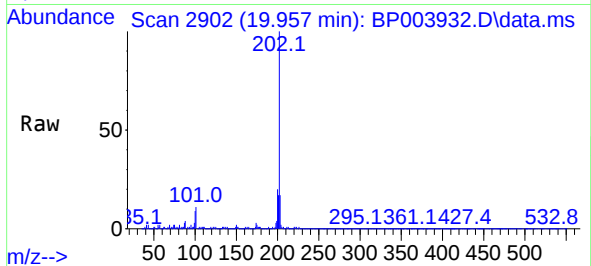




#78
Pyrene
Concen: 10.37 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

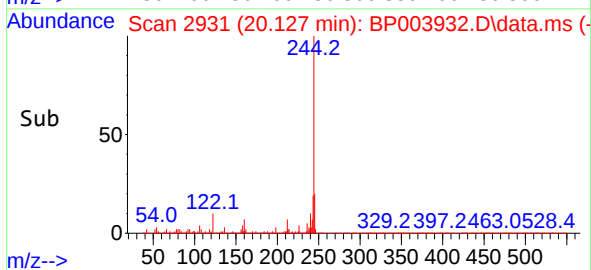
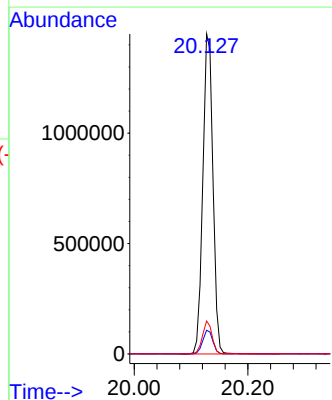
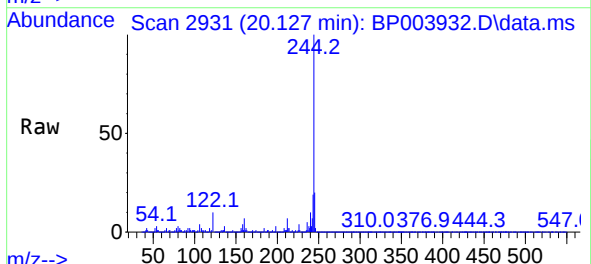
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

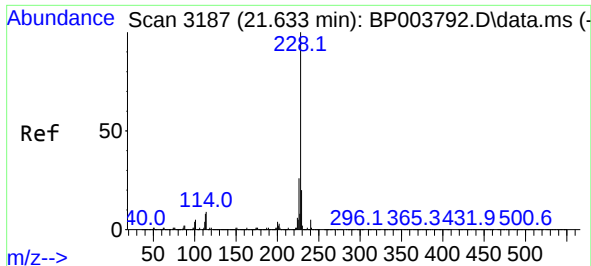
Tgt Ion:	202	Resp:	512768
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.1	25.7
203	17.4	14.2	21.2



#79
Terphenyl-d14
Concen: 47.39 ng
RT: 20.127 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:	244	Resp:	1786753
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	10.3	7.8	11.8

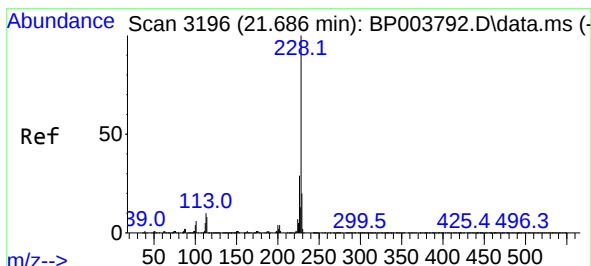
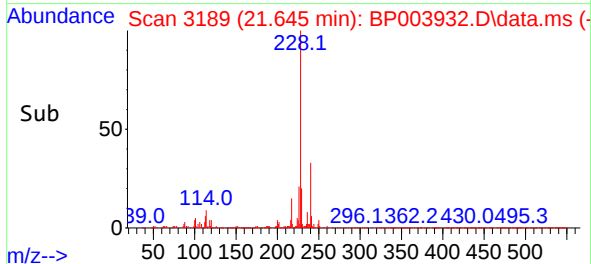
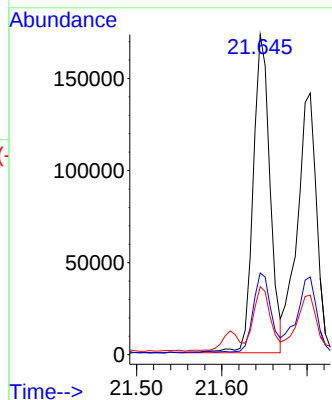
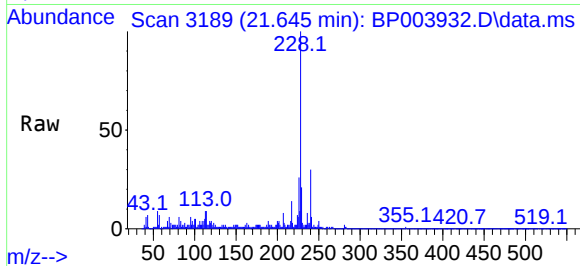




#81
Benzo(a)anthracene
Concen: 4.94 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

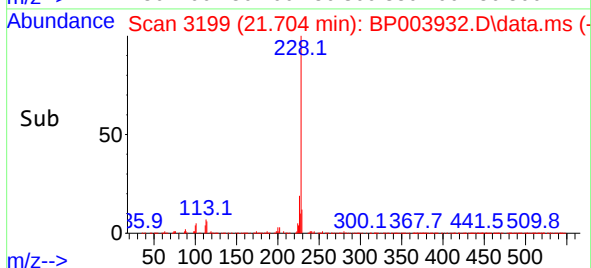
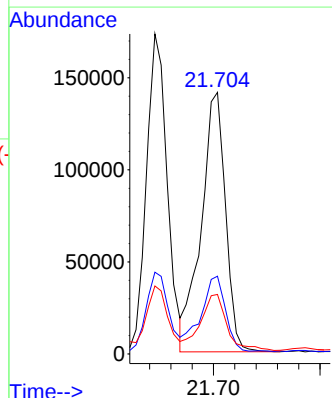
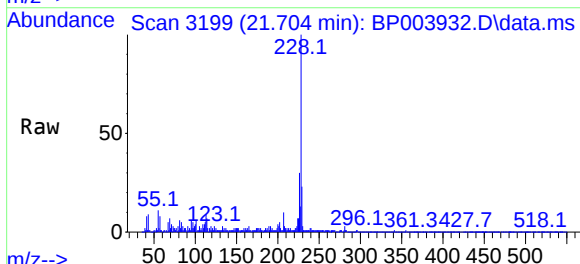
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

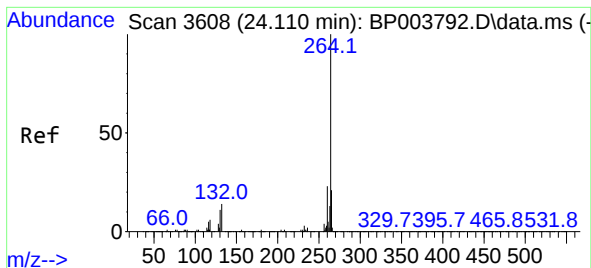
Tgt Ion:228	Resp: 237125
Ion Ratio	Lower Upper
228 100	
226 25.6	22.1 33.1
229 21.3	15.9 23.9



#83
Chrysene
Concen: 4.85 ng
RT: 21.704 min Scan# 3199
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:228	Resp: 223864		
Ion Ratio	Lower	Upper	
228 100			
226 29.7	24.4	36.6	
229 22.7	15.8	23.6	

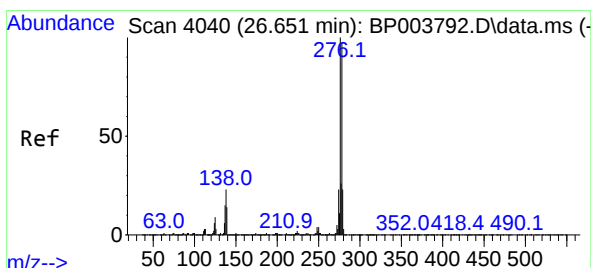
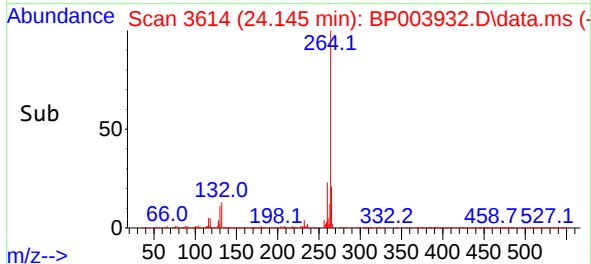
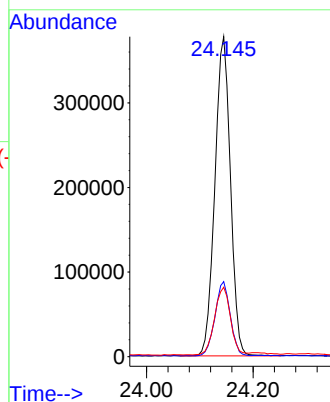
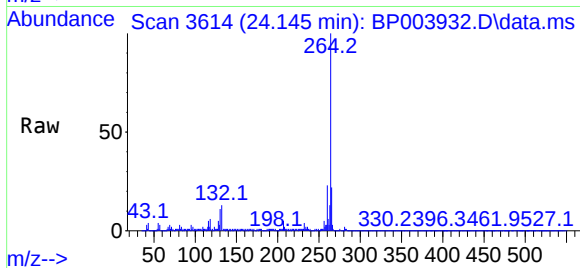




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.145 min Scan# 3614
Delta R.T. 0.017 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

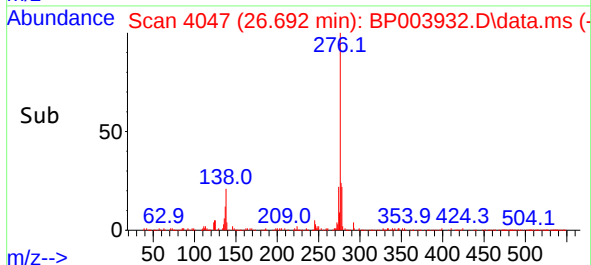
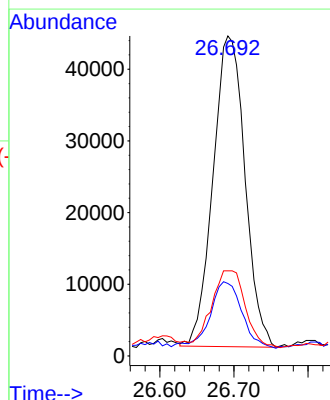
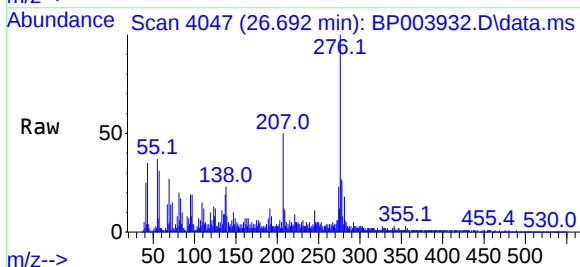
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

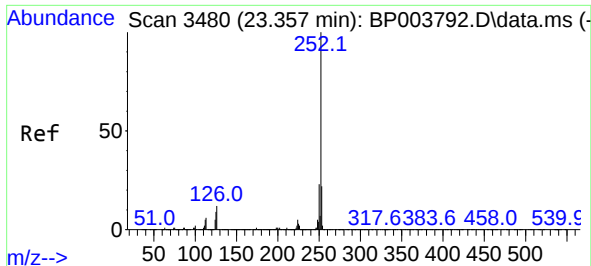
Tgt Ion:264 Resp: 763688
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:276 Resp: 129728
Ion Ratio Lower Upper
276 100
138 21.6 18.7 28.1
277 26.2 20.4 30.6

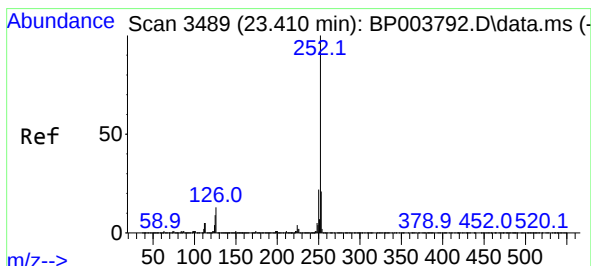
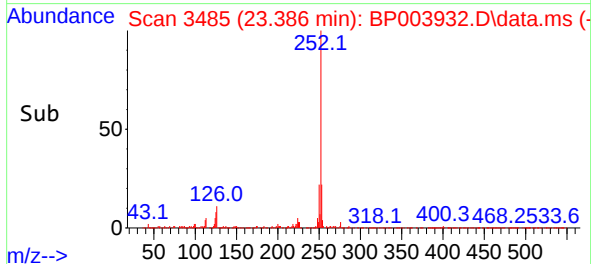
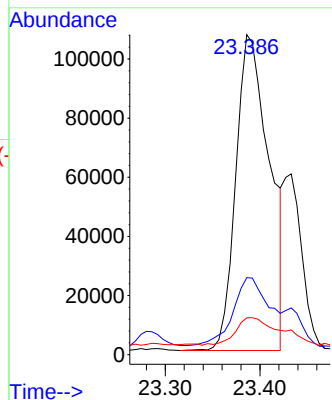
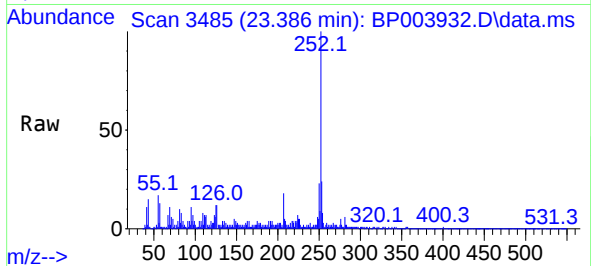




#88
Benzo(b)fluoranthene
Concen: 5.27 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

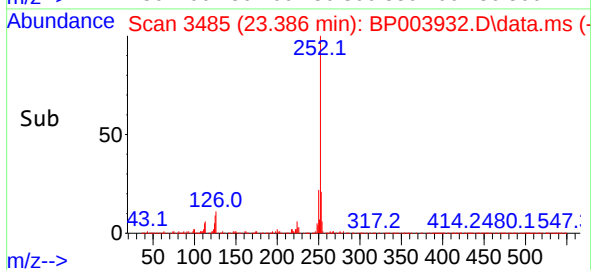
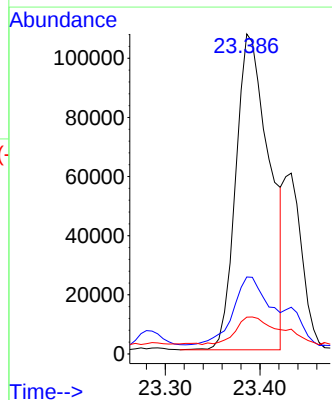
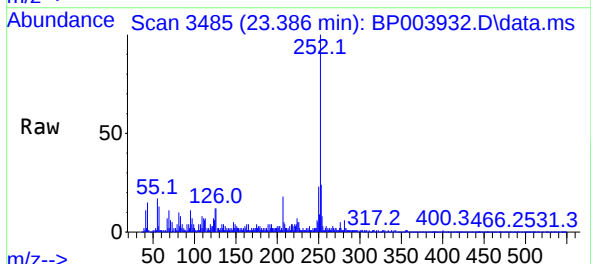
Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

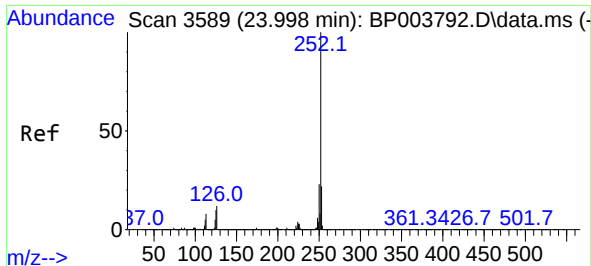
Tgt Ion:	252	Resp:	263536
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	11.5	7.3	10.9#



#89
Benzo(k)fluoranthene
Concen: 5.34 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.041 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:	252	Resp:	263536
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	11.5	7.4	11.2#

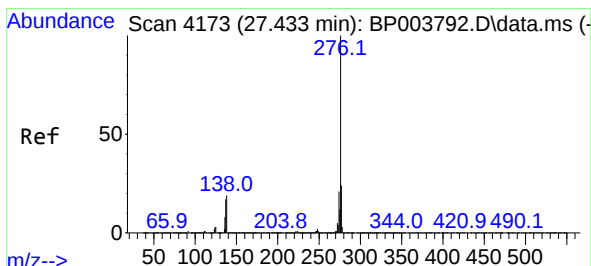
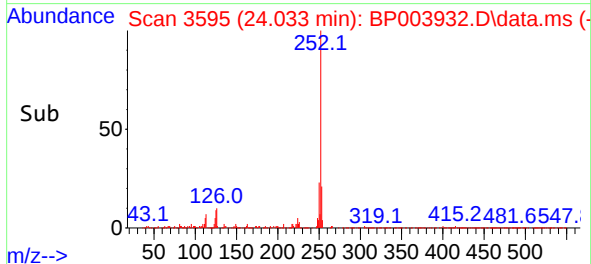
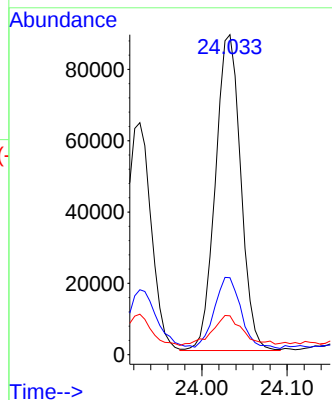
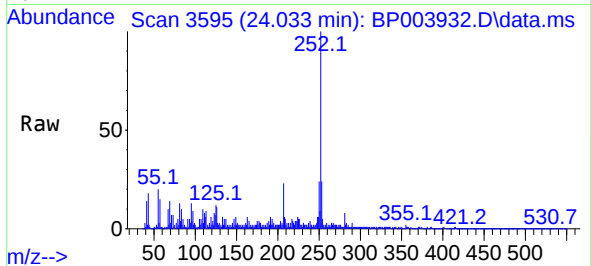




#90
Benzo(a)pyrene
Concen: 3.96 ng
RT: 24.033 min Scan# 3595
Delta R.T. 0.012 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Instrument :
BNA_P
ClientSampleId :
TRANSFORMER-5-(1-4)

Tgt Ion:252	Resp: 183347
Ion Ratio	Lower Upper
252 100	
253 24.1	17.4 26.0
125 12.2	8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.87 ng
RT: 27.480 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BP003932.D
Acq: 11 Nov 2020 21:38

Tgt Ion:276	Resp: 127399
Ion Ratio	Lower Upper
276 100	
277 26.3	19.0 28.6
138 22.0	16.6 24.8

