

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
 Data File : BP011831.D
 Acq On : 28 Sep 2022 15:44
 Operator : CG/JU
 Sample : PB147907TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147907TB

Quant Time: Sep 29 02:26:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

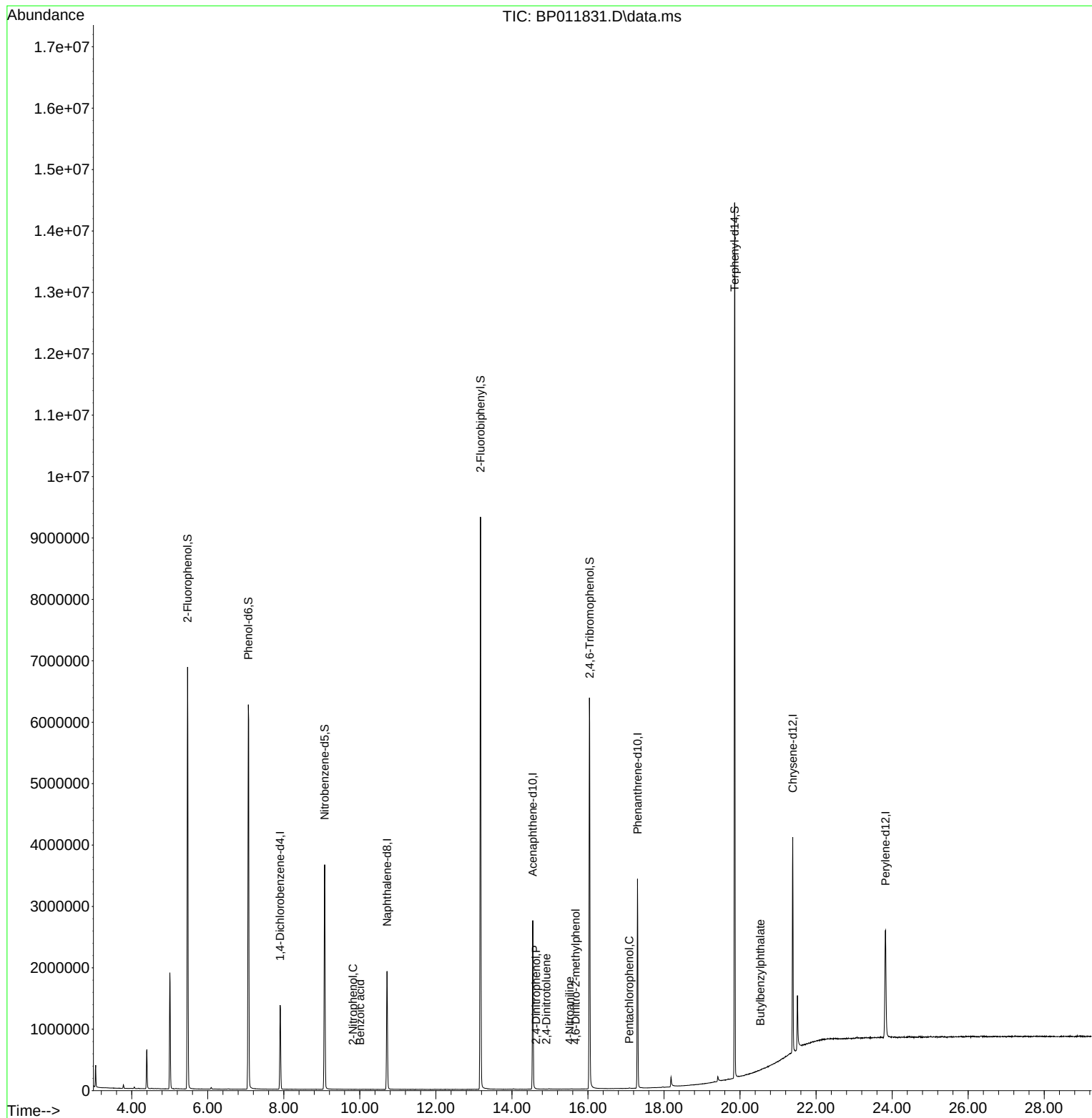
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	384543	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1649684	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	981091	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1986056	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1589892	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1313240	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3114537	142.111	ng	0.00
7) Phenol-d6	7.069	99	3991354	123.169	ng	0.00
23) Nitrobenzene-d5	9.075	82	2179119	69.138	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1047137	158.509	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4853889	78.238	ng	0.00
79) Terphenyl-d14	19.857	244	6493017	93.903	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.822	139	31	3.334	ng	# 1
32) Benzoic acid	10.010	122	246	6.770	ng	# 46
54) 2,4-Dinitrophenol	14.634	184	26	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	43	2.541	ng	# 91
62) 4-Nitroaniline	15.522	138	48	2.388	ng	# 86
65) 4,6-Dinitro-2-methylph...	15.675	198	17	5.622	ng	# 1
70) Pentachlorophenol	17.086	266	27	4.386	ng	# 89
80) Butylbenzylphthalate	20.533	149	305	2.689	ng	# 53

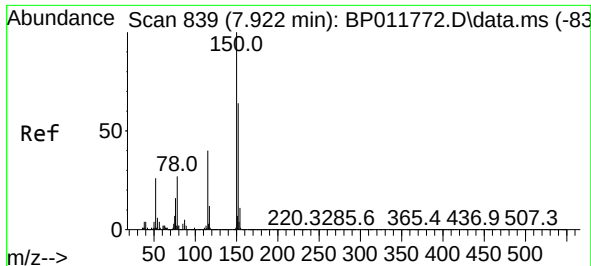
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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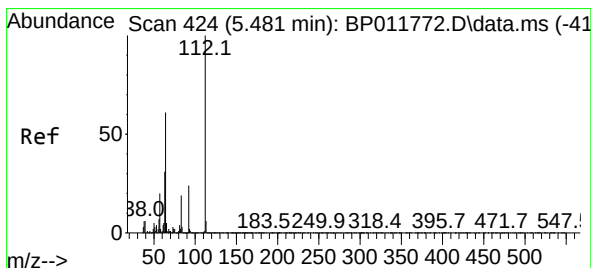
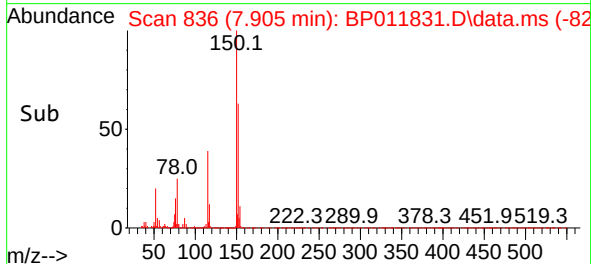
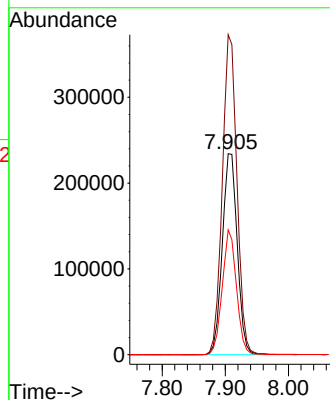
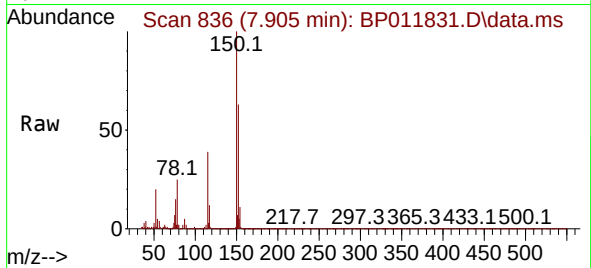




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

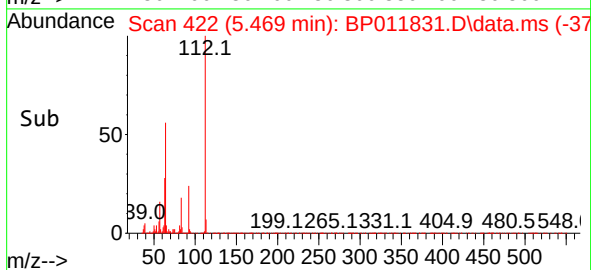
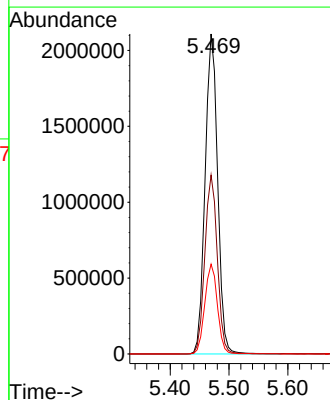
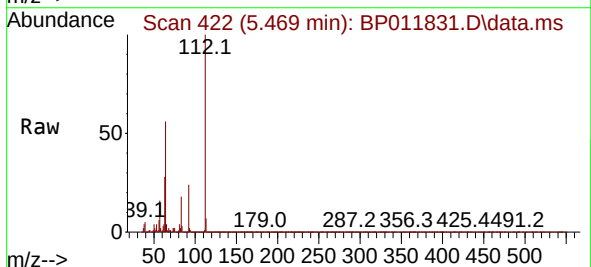
Instrument :
BNA_P
ClientSampleId :
PB147907TB

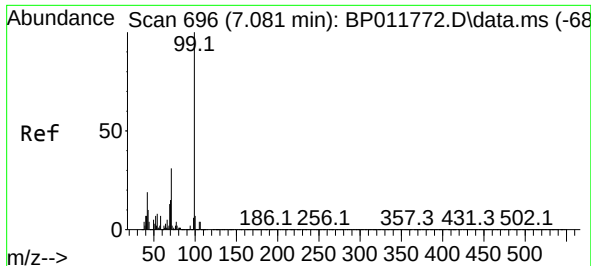
Tgt Ion:152 Resp: 384543
Ion Ratio Lower Upper
152 100
150 159.2 124.2 186.4
115 62.1 50.0 75.0



#5
2-Fluorophenol
Concen: 142.111 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:112 Resp: 3114537
Ion Ratio Lower Upper
112 100
64 55.9 49.2 73.8
63 28.0 25.2 37.8

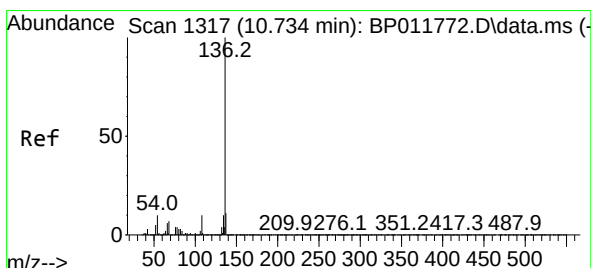
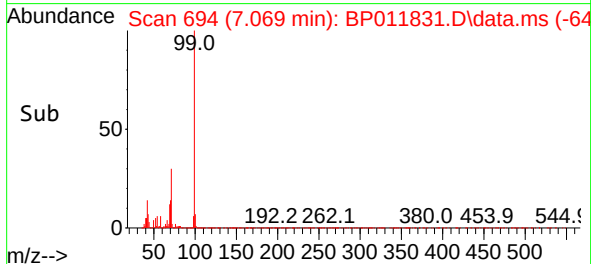
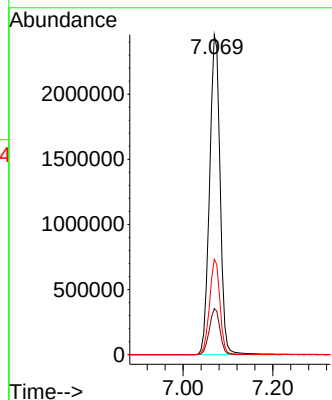
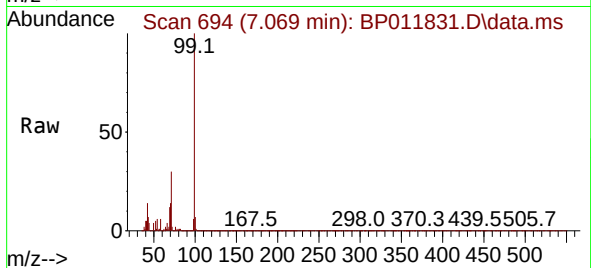




#7
Phenol-d6
Concen: 123.169 ng
RT: 7.069 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

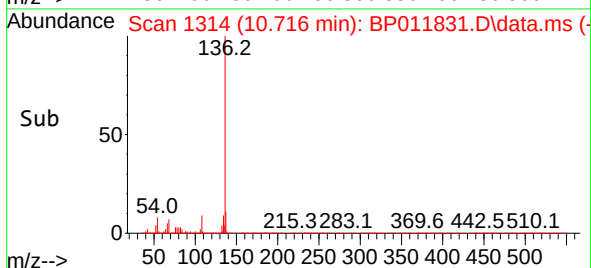
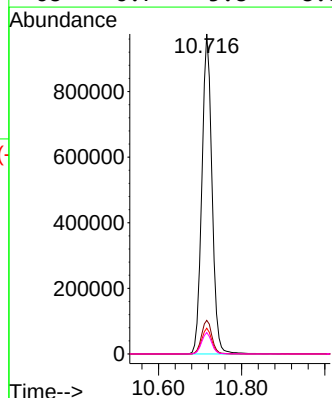
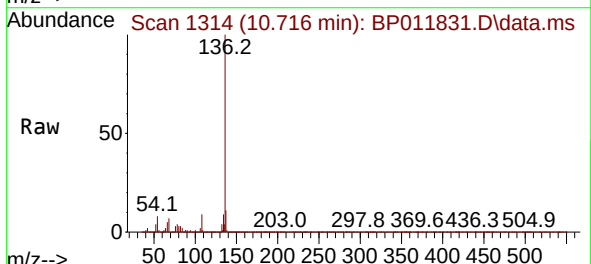
Instrument :
BNA_P
ClientSampleId :
PB147907TB

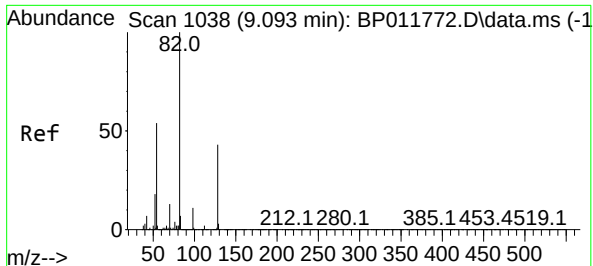
Tgt Ion: 99 Resp: 3991354
Ion Ratio Lower Upper
99 100
42 14.4 15.4 23.2#
71 29.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion: 136 Resp: 1649684
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.1 8.2 12.4#
68 6.7 5.8 8.8

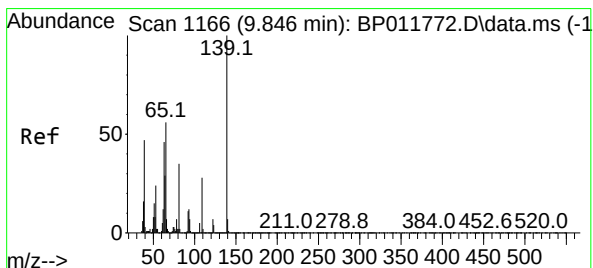
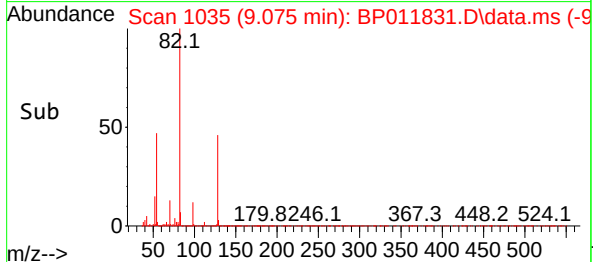
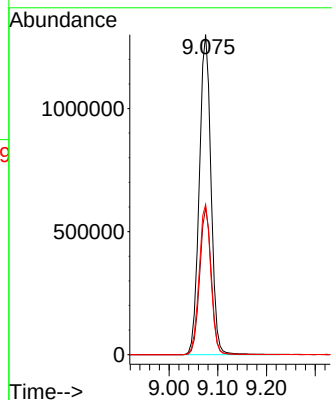
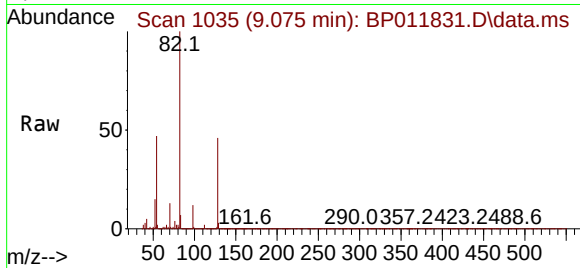




#23
Nitrobenzene-d5
Concen: 69.138 ng
RT: 9.075 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

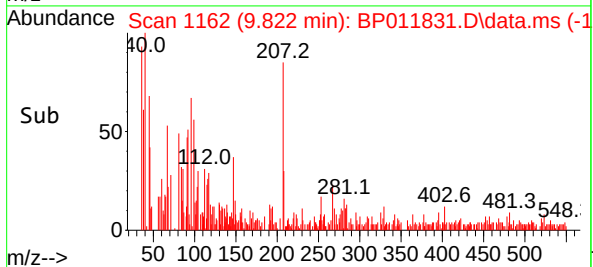
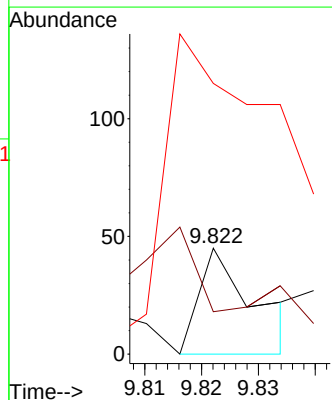
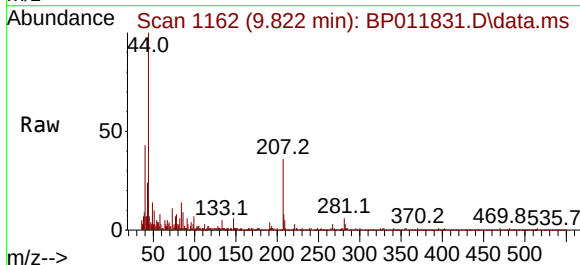
Instrument :
BNA_P
ClientSampleId :
PB147907TB

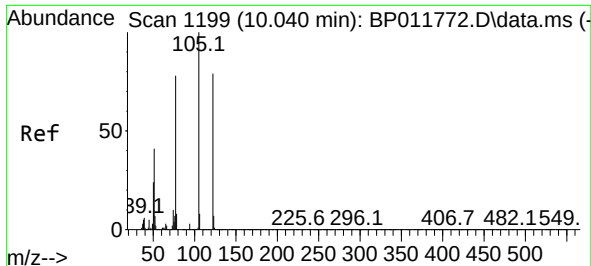
Tgt Ion: 82 Resp: 2179119
Ion Ratio Lower Upper
82 100
128 45.9 34.2 51.4
54 47.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.334 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 40.0 22.6 34.0#
65 255.6 44.7 67.1#

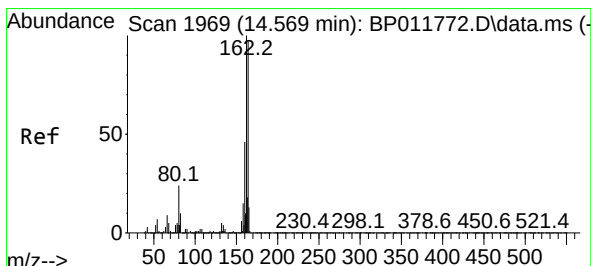
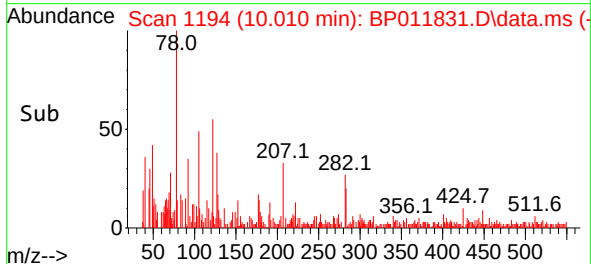
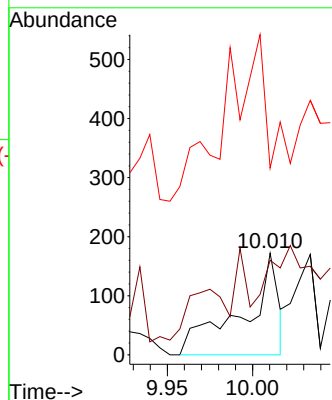
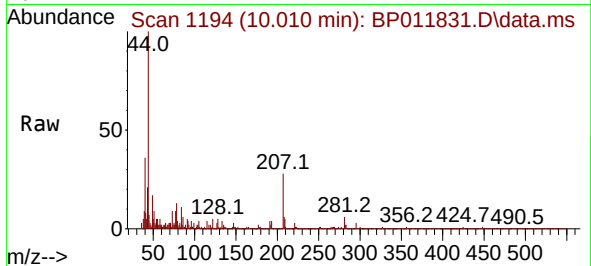




#32
Benzoic acid
Concen: 6.770 ng
RT: 10.010 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

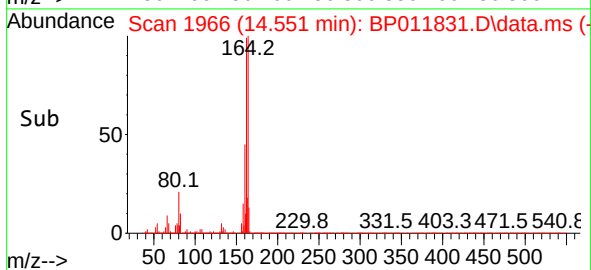
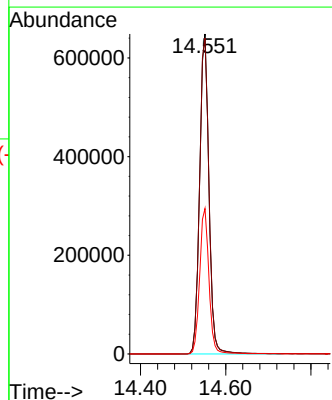
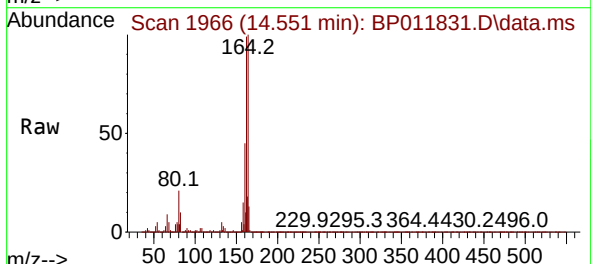
Instrument :
BNA_P
ClientSampleId :
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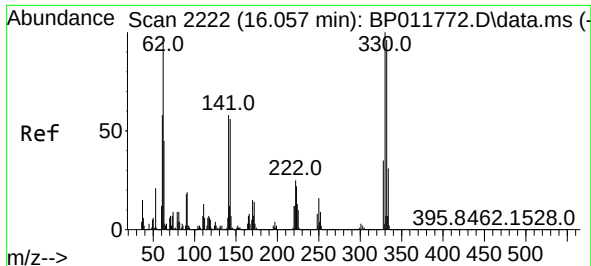
Tgt Ion:122 Resp: 246
Ion Ratio Lower Upper
122 100
105 93.0 101.0 141.0#
77 183.7 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:164 Resp: 981091
Ion Ratio Lower Upper
164 100
162 98.7 82.5 123.7
160 45.5 37.8 56.6

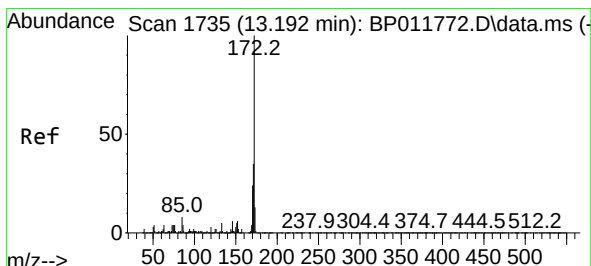
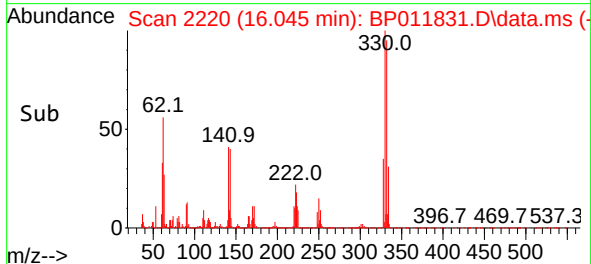
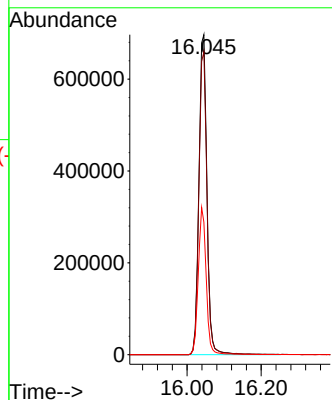
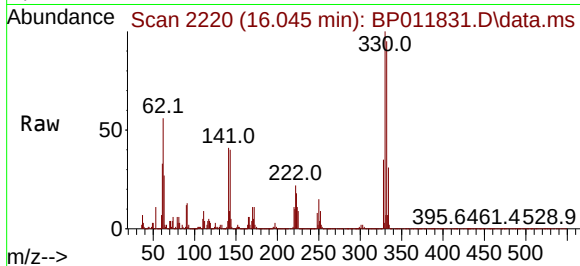




#42
2,4,6-Tribromophenol
Concen: 158.509 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

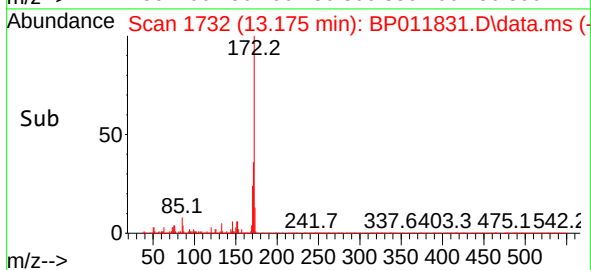
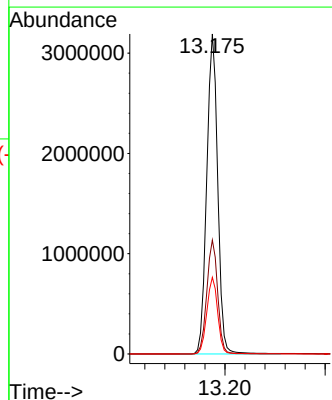
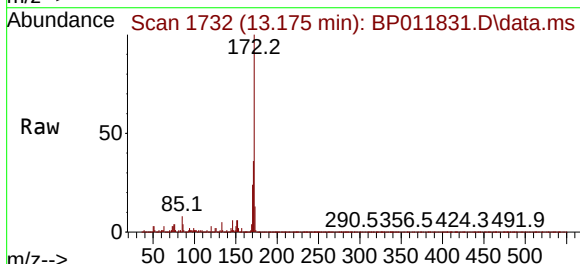
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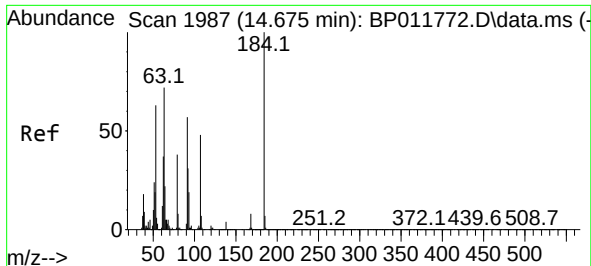
Tgt Ion:330 Resp: 1047137
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 45.2 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 78.238 ng
RT: 13.175 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:172 Resp: 4853889
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 19.5 29.3

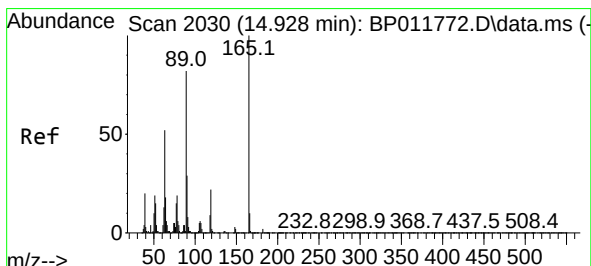
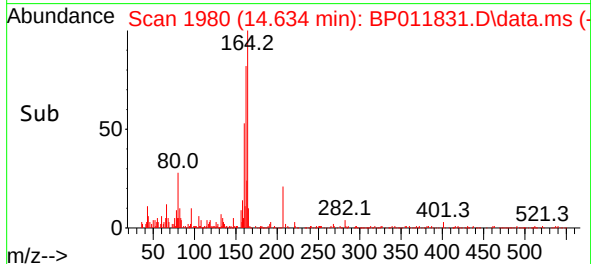
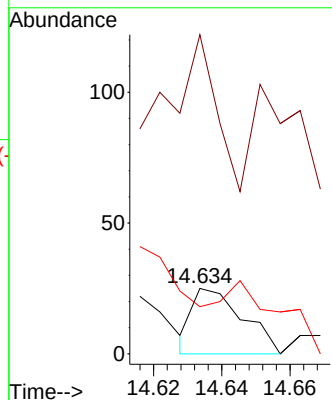
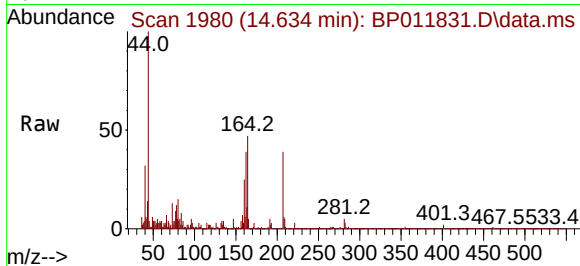




#54
2,4-Dinitrophenol
Concen: 6.729 ng
RT: 14.634 min Scan# 1987
Delta R.T. -0.030 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

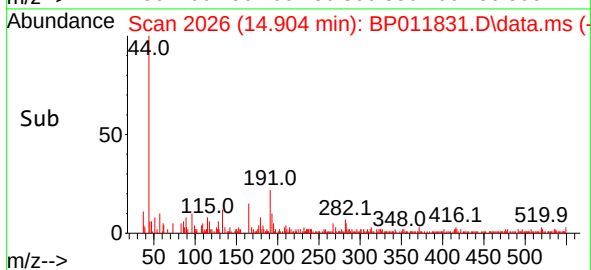
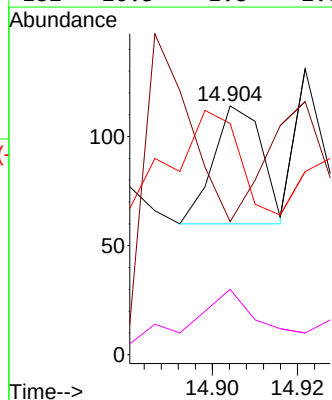
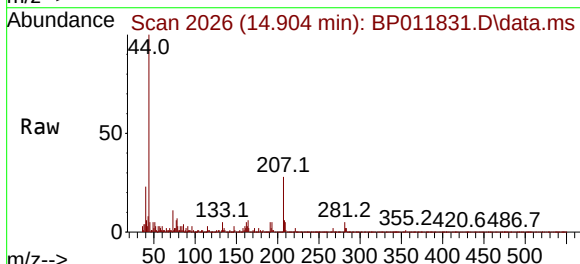
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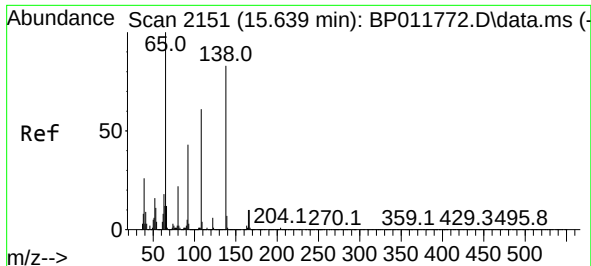
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 488.0 65.7 98.5#
154 72.0 48.2 72.4



#57
2,4-Dinitrotoluene
Concen: 2.541 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:165 Resp: 43
Ion Ratio Lower Upper
165 100
63 53.5 41.4 62.2
89 93.0 66.0 99.0
182 26.3 1.8 2.8#

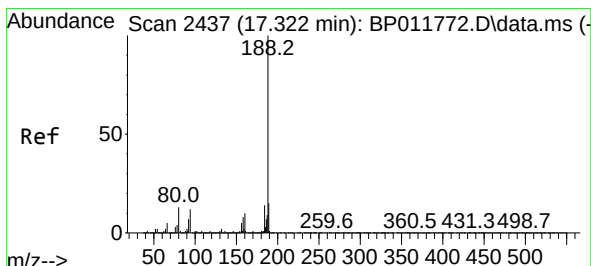
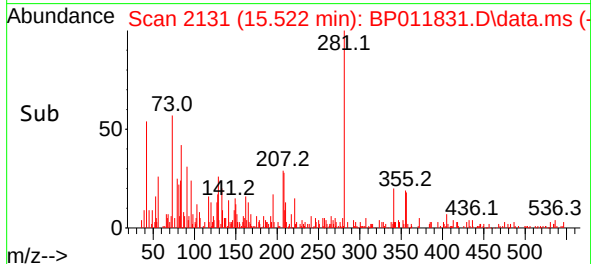
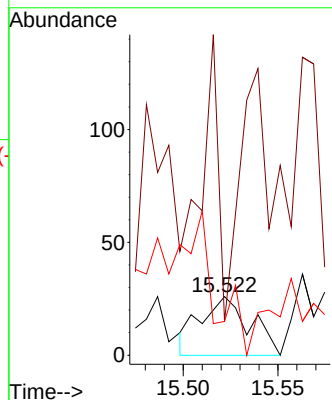
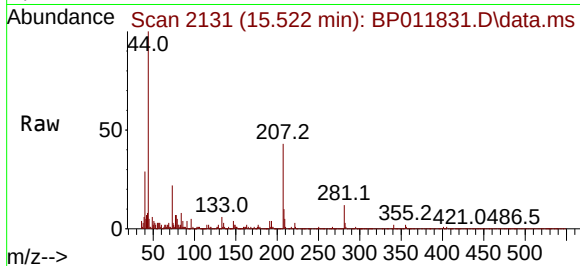




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.522 min Scan# 2151
Delta R.T. -0.106 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

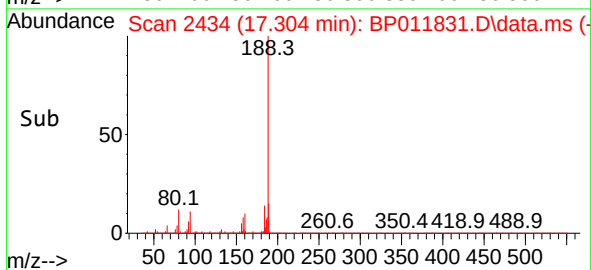
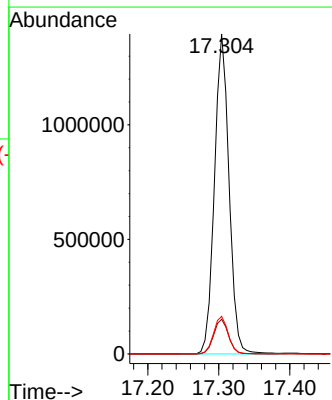
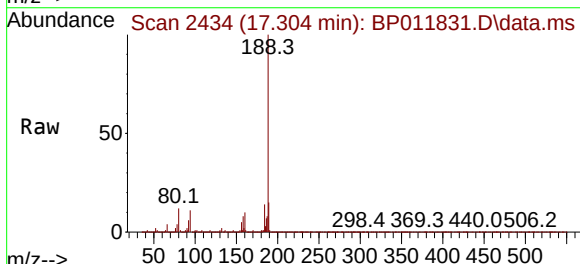
Instrument :
BNA_P
ClientSampleId :
PB147907TB

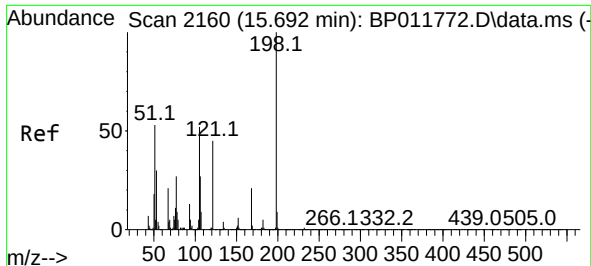
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
92 57.7 31.9 71.9
108 57.7 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:188 Resp: 1986056
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 11.7 10.6 15.8

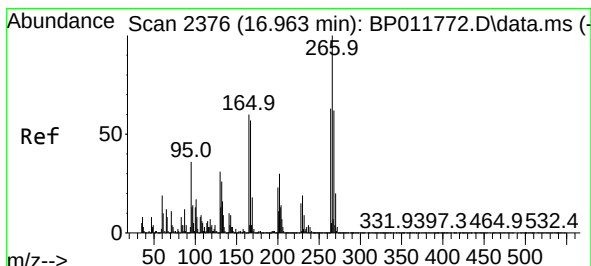
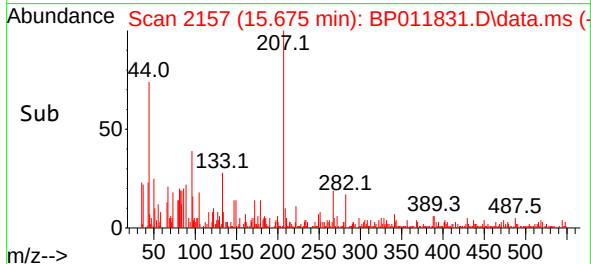
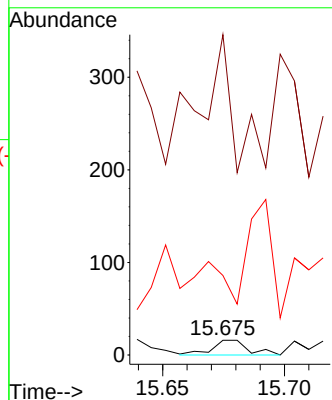
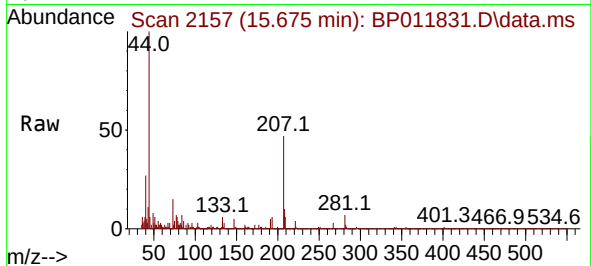




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.675 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

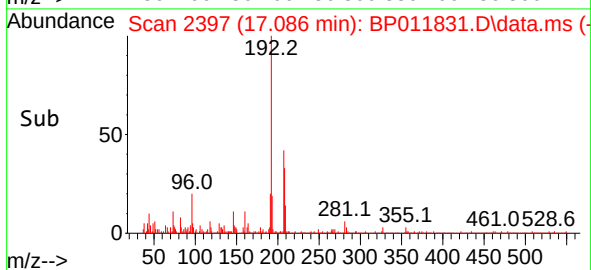
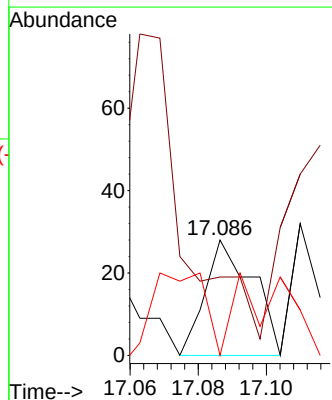
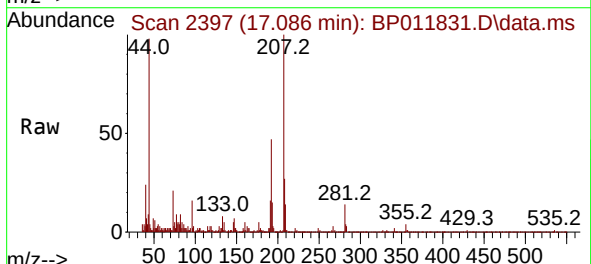
Instrument :
BNA_P
ClientSampleId :
PB147907TB

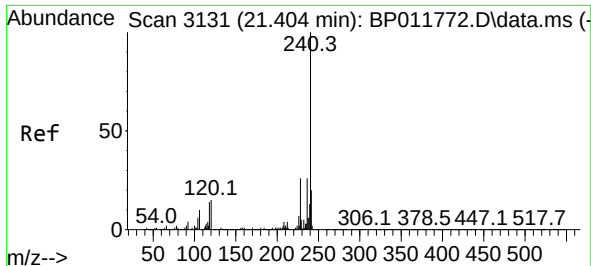
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 2162.5 41.6 81.6#
105 537.5 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.386 ng
RT: 17.086 min Scan# 2397
Delta R.T. 0.129 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:266 Resp: 27
Ion Ratio Lower Upper
266 100
268 67.9 49.7 74.5
264 75.0 50.6 75.8

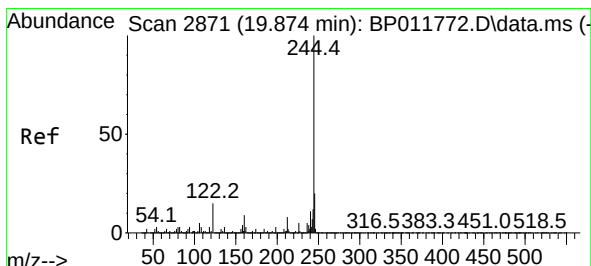
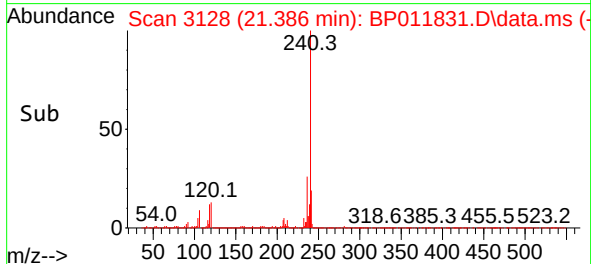
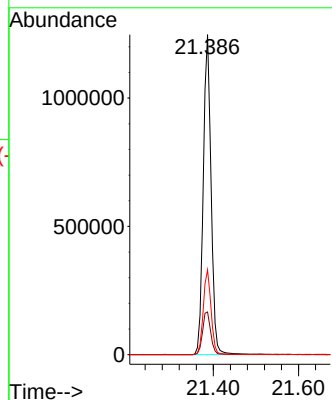
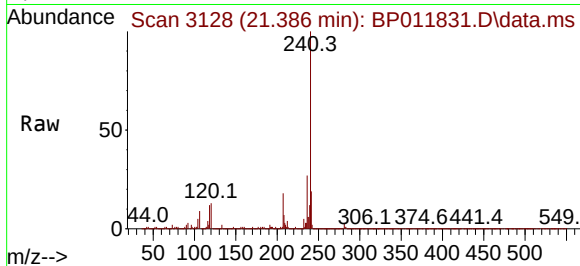




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

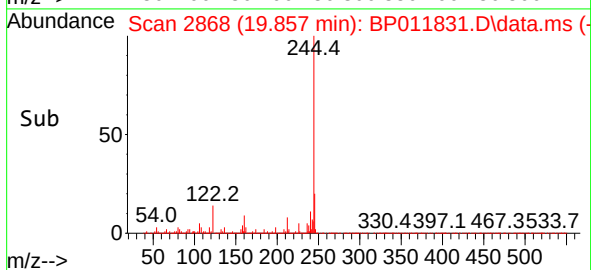
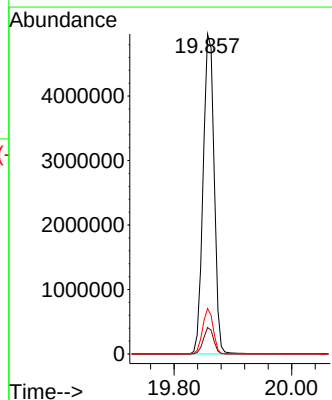
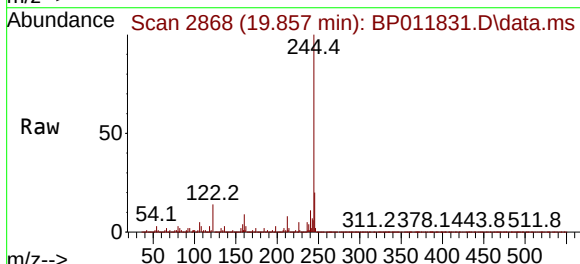
Instrument :
BNA_P
ClientSampleId :
PB147907TB

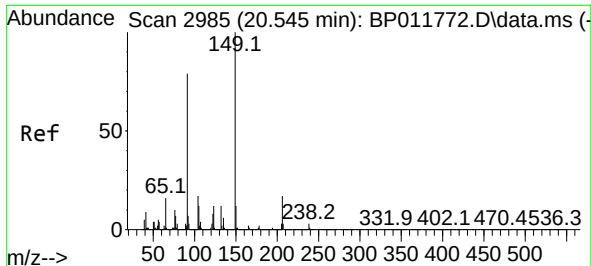
Tgt Ion:240 Resp: 1589892
Ion Ratio Lower Upper
240 100
120 13.3 12.0 18.0
236 26.5 21.1 31.7



#79
Terphenyl-d14
Concen: 93.903 ng
RT: 19.857 min Scan# 2868
Delta R.T. -0.012 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:244 Resp: 6493017
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 14.2 11.8 17.8

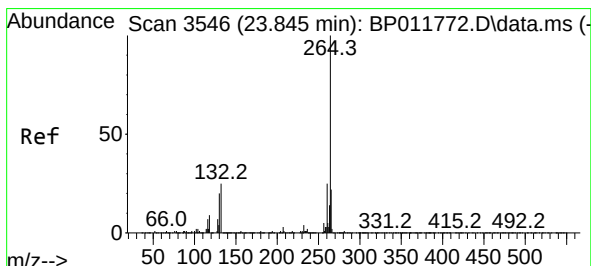
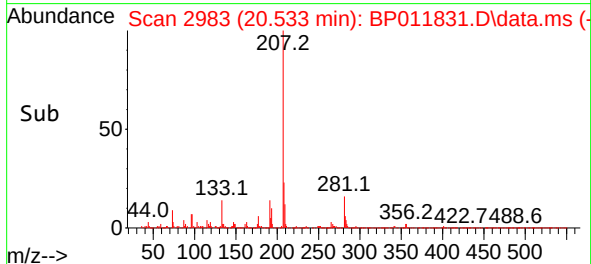
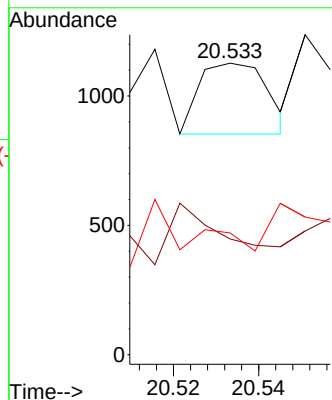
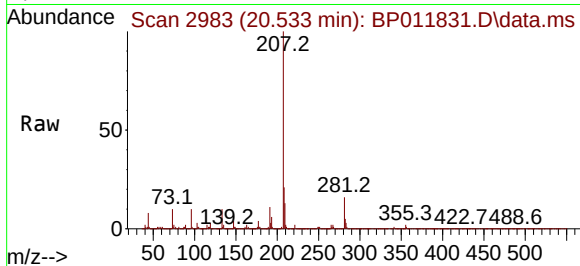




#80
Butylbenzylphthalate
Concen: 2.689 ng
RT: 20.533 min Scan# 2985
Delta R.T. -0.006 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Instrument :
BNA_P
ClientSampleId :
PB147907TB

Tgt Ion:149 Resp: 305
Ion Ratio Lower Upper
149 100
91 39.7 63.1 94.7#
206 41.8 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3543
Delta R.T. -0.012 min
Lab File: BP011831.D
Acq: 28 Sep 2022 15:44

Tgt Ion:264 Resp: 1313240
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 22.4 17.8 26.8

