

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
 Data File : BP007878.D
 Acq On : 09 Nov 2021 00:54
 Operator : CG/JU
 Sample : M4477-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

Quant Time: Nov 09 08:48:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 08 16:36:40 2021
 Response via : Initial Calibration

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

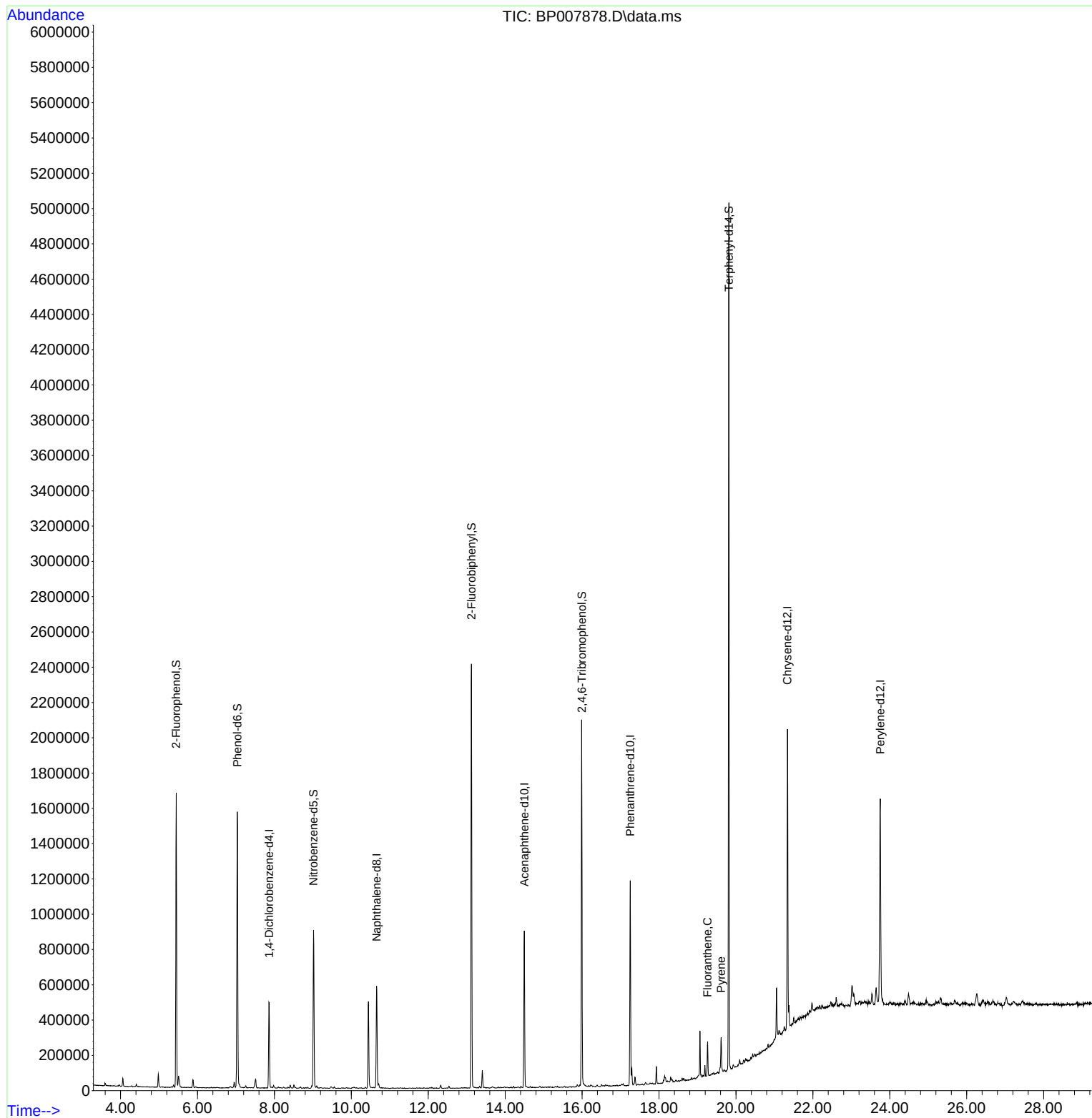
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	132839	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	469196	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	304689	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	666133	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	794135	20.000	ng	-0.01
86) Perylene-d12	23.751	264	887901	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	690967	88.215	ng	0.00
7) Phenol-d6	7.034	99	884863	78.050	ng	-0.01
23) Nitrobenzene-d5	9.016	82	499471	57.183	ng	-0.02
42) 2,4,6-Tribromophenol	15.992	330	399536	91.882	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1239246	59.230	ng	-0.01
79) Terphenyl-d14	19.816	244	2279838	58.459	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.263	202	112744	2.552	ng	97
78) Pyrene	19.616	202	115675	2.375	ng	99

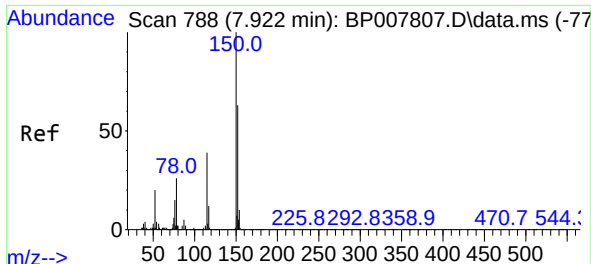
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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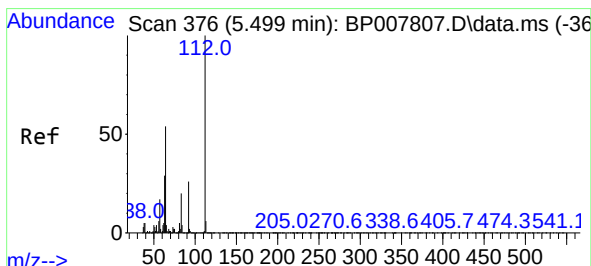
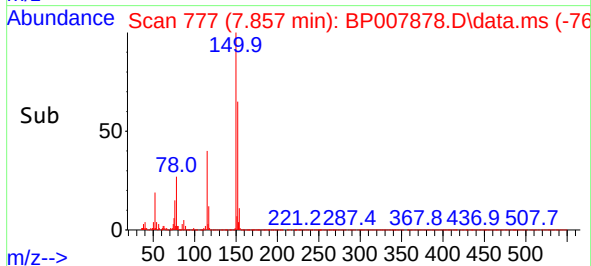
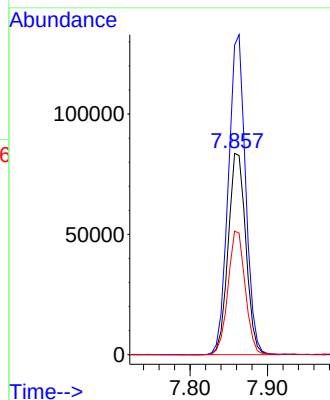
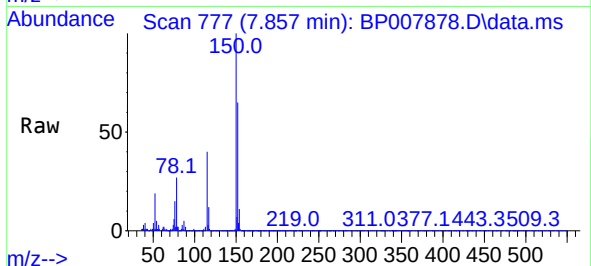




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

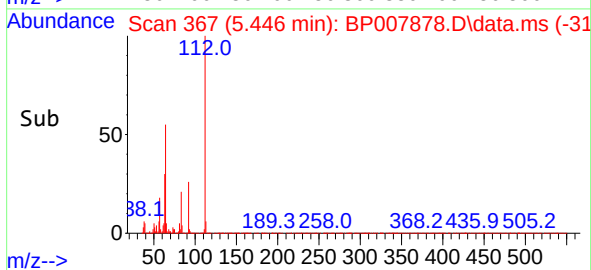
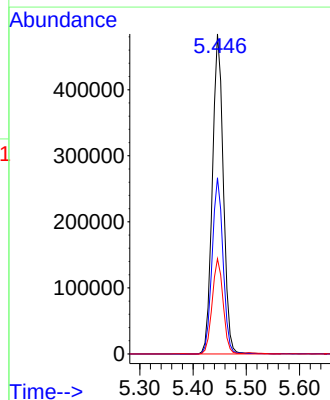
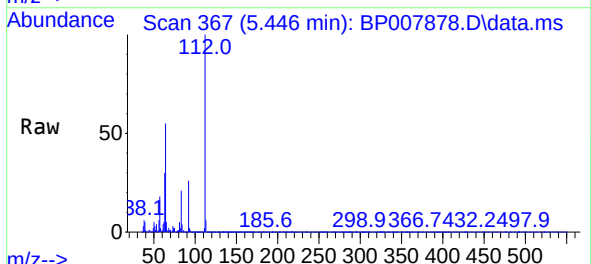
Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

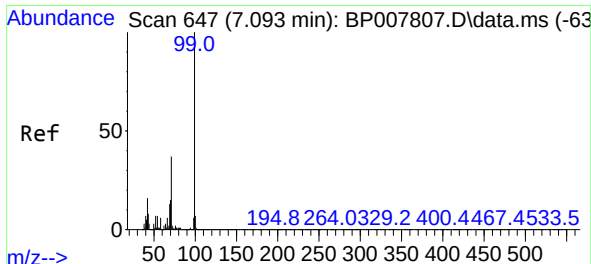
Tgt Ion:152 Resp: 132839
Ion Ratio Lower Upper
152 100
150 153.8 124.1 186.1
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 88.215 ng
RT: 5.446 min Scan# 367
Delta R.T. -0.006 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion:112 Resp: 690967
Ion Ratio Lower Upper
112 100
64 55.1 46.6 70.0
63 29.7 25.0 37.6

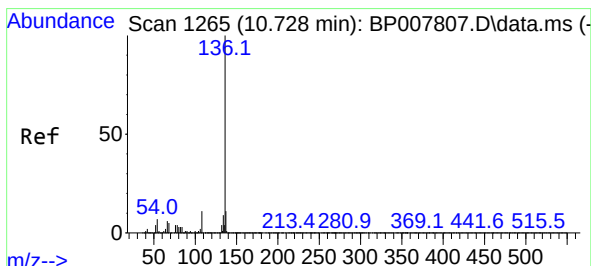
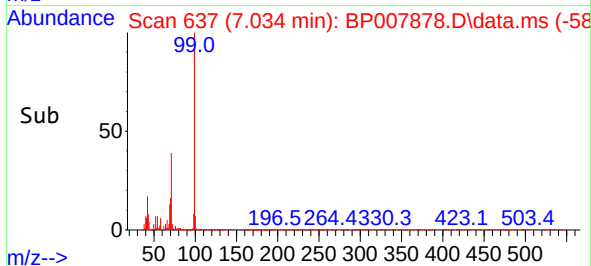
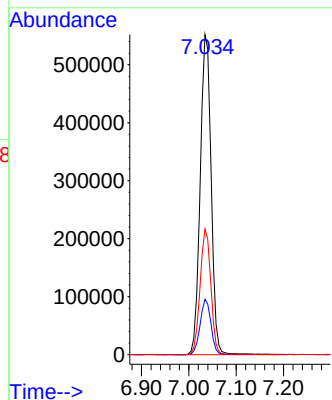
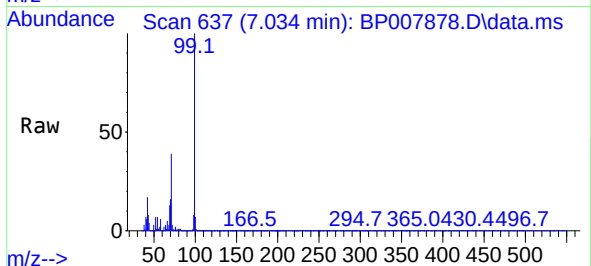




#7
Phenol-d6
Concen: 78.050 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

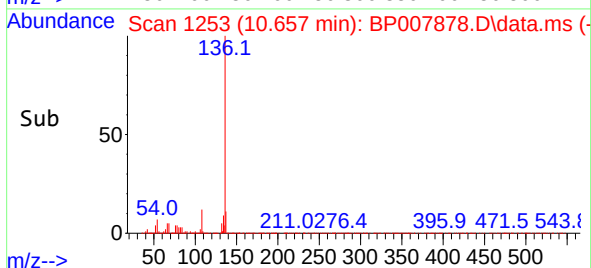
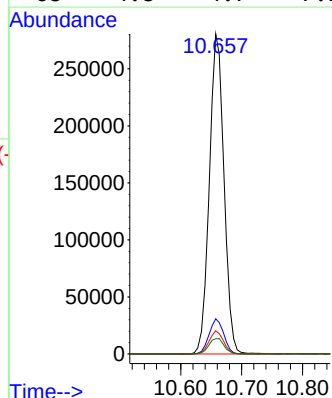
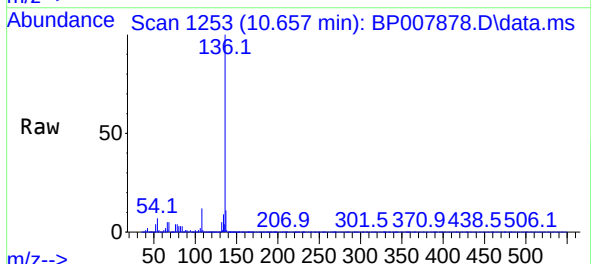
Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

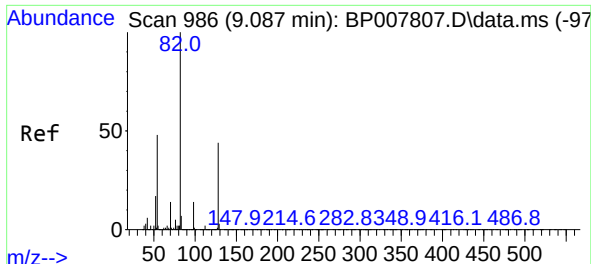
Tgt Ion: 99 Resp: 884863
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 39.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion: 136 Resp: 469196
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 6.2 9.4
68 4.8 4.7 7.1

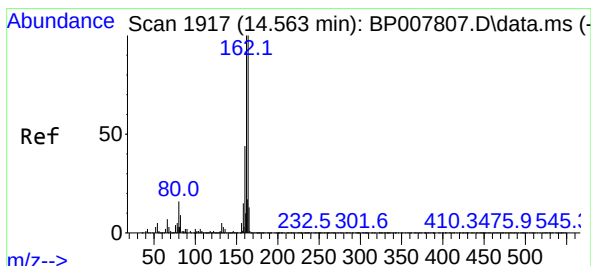
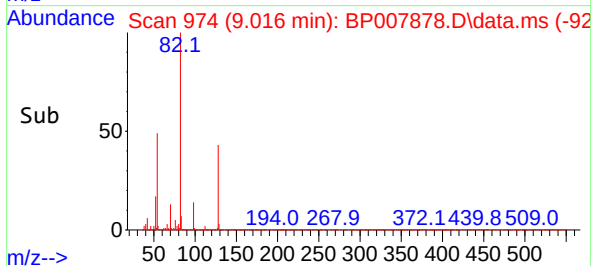
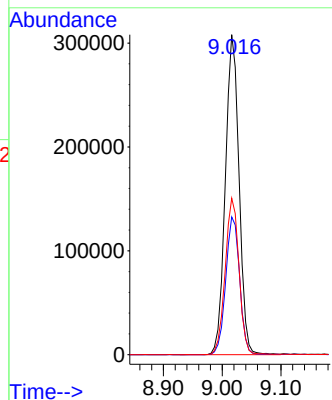
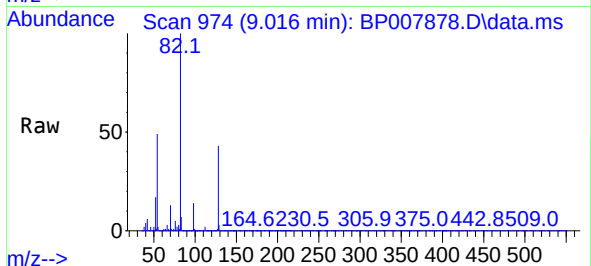




#23
Nitrobenzene-d5
Concen: 57.183 ng
RT: 9.016 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

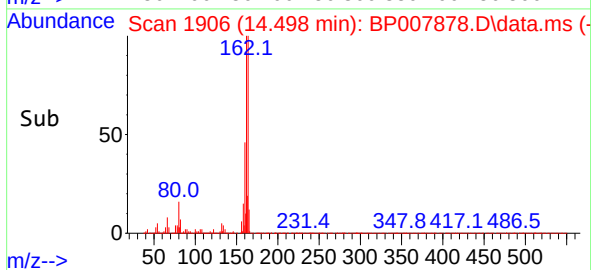
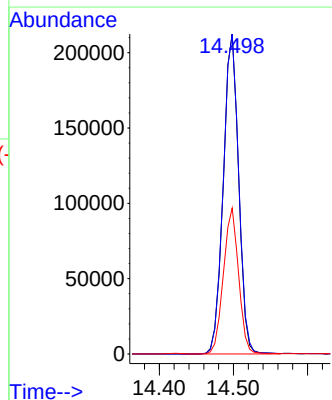
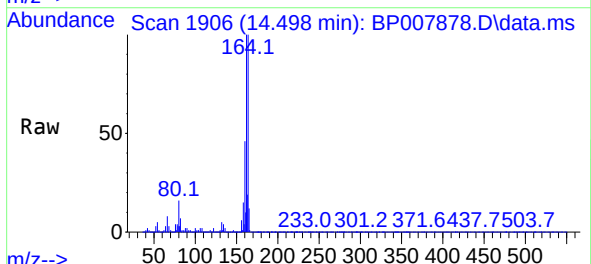
Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

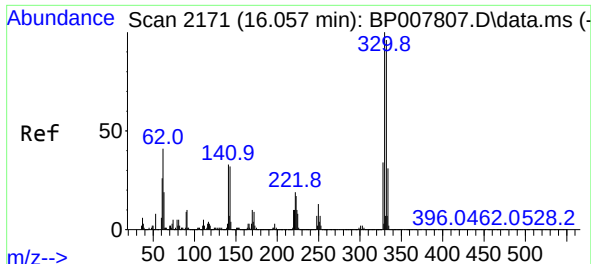
Tgt Ion: 82 Resp: 499471
Ion Ratio Lower Upper
82 100
128 43.0 32.6 48.8
54 48.9 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion: 164 Resp: 304689
Ion Ratio Lower Upper
164 100
162 100.0 81.1 121.7
160 45.6 36.0 54.0

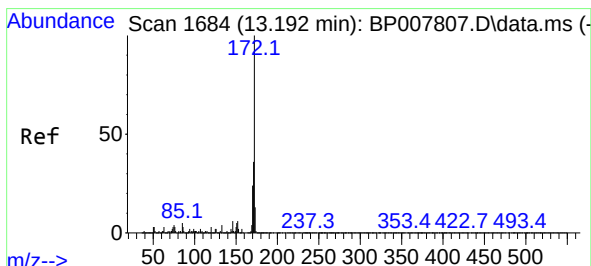
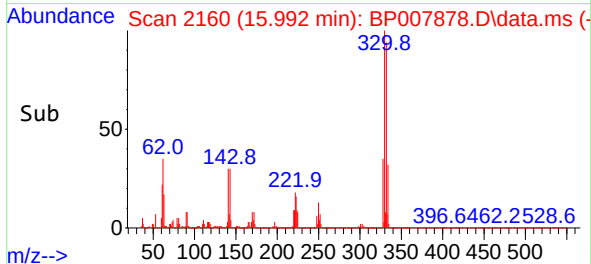
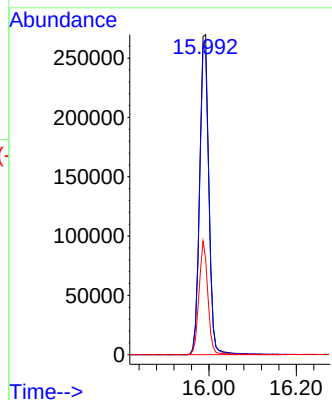
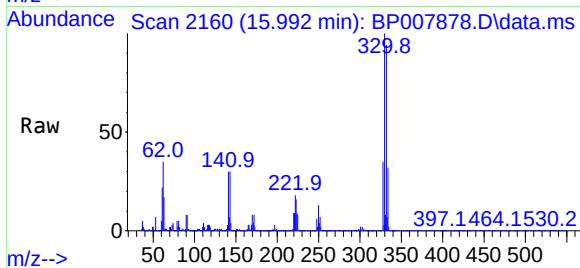




#42
2,4,6-Tribromophenol
Concen: 91.882 ng
RT: 15.992 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

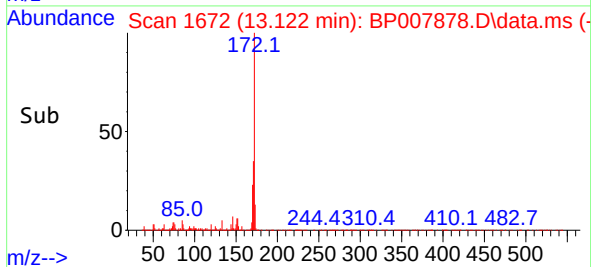
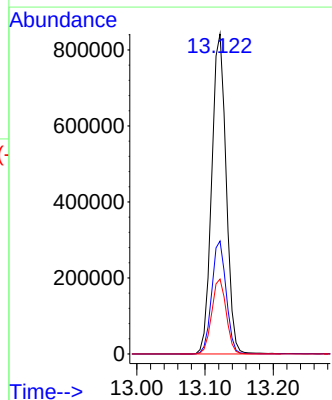
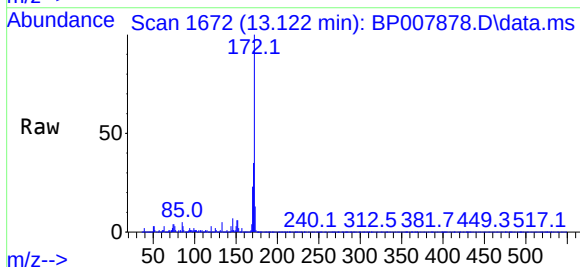
Instrument :
BNA_P
ClientSampleId :
T5-EP2-NW

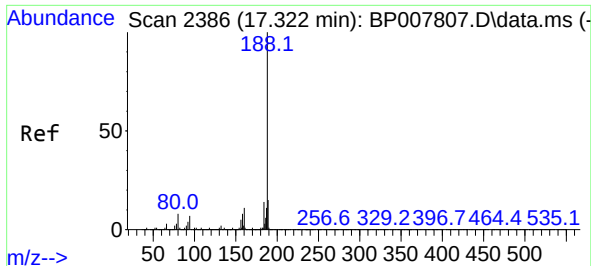
Tgt Ion:330 Resp: 399536
Ion Ratio Lower Upper
330 100
332 96.0 78.9 118.3
141 33.6 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 59.230 ng
RT: 13.122 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion:172 Resp: 1239246
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.4 19.0 28.4

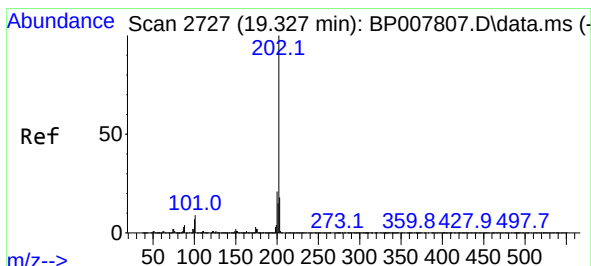
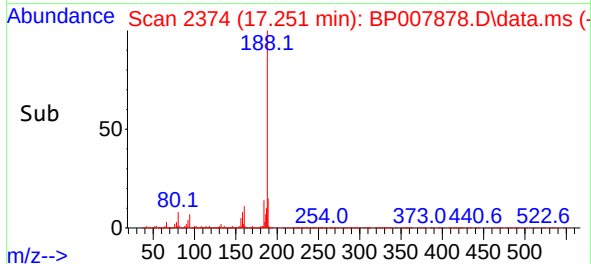
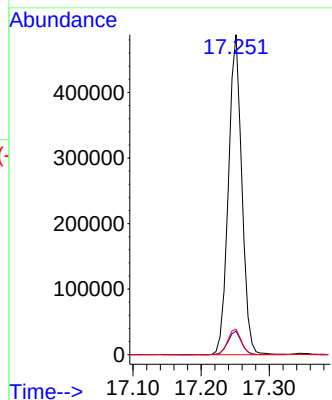
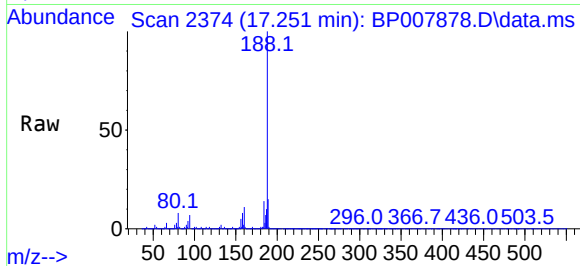




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

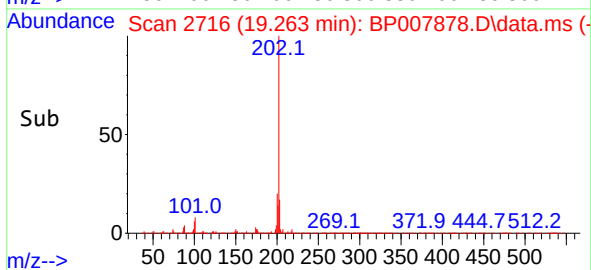
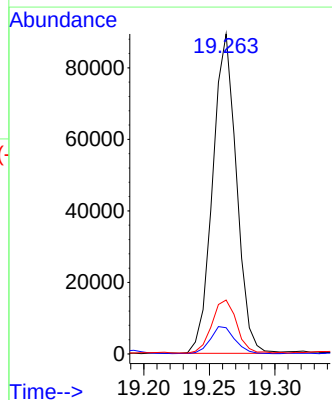
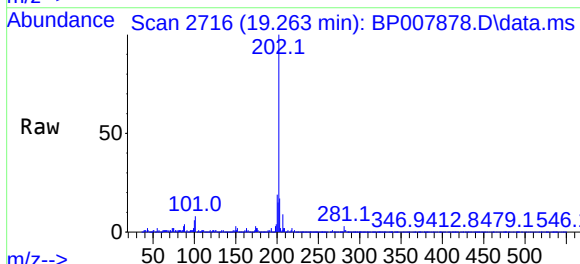
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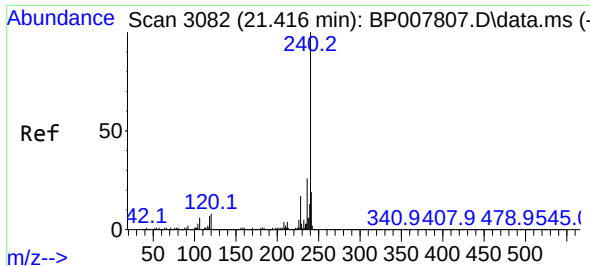
Tgt Ion:188 Resp: 666133
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.0 7.8 11.6



#75
Fluoranthene
Concen: 2.552 ng
RT: 19.263 min Scan# 2716
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion:202 Resp: 112744
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.4
203 16.9 0.0 37.6

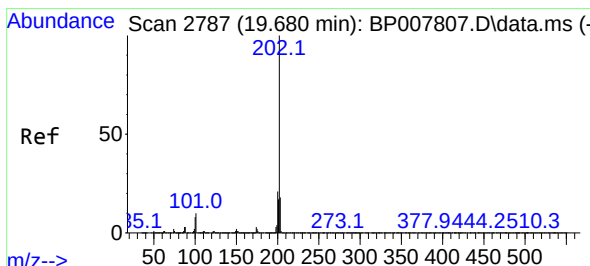
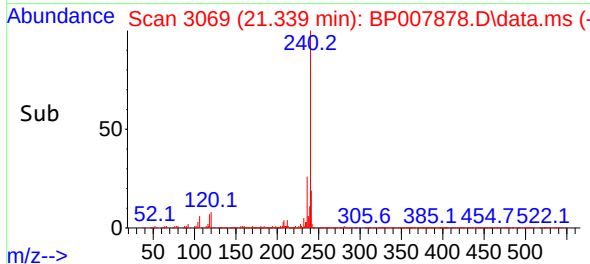
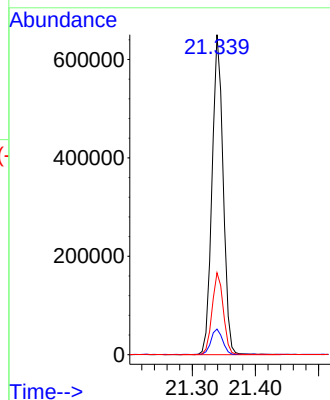
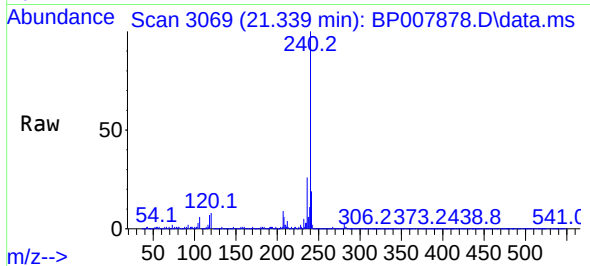




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

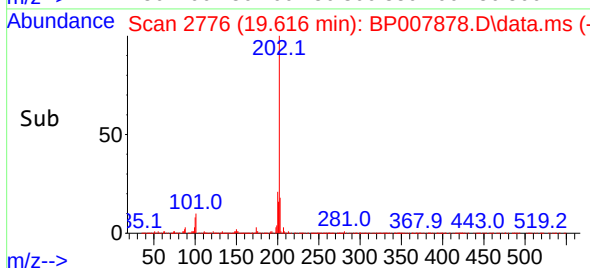
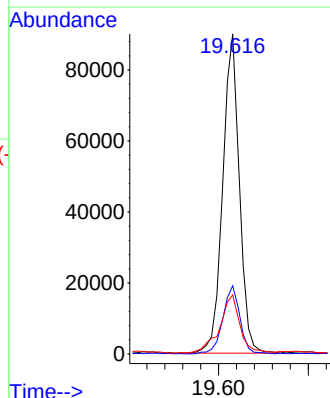
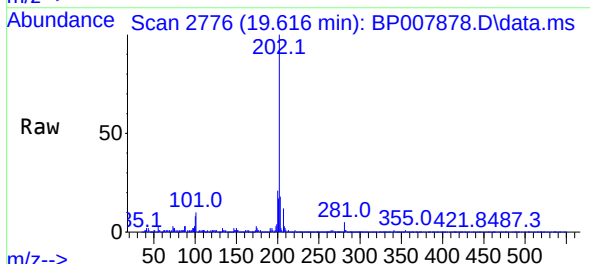
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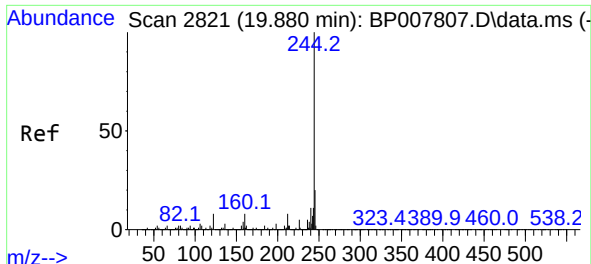
Tgt Ion:240 Resp: 794135
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.8
236 25.6 20.6 30.8



#78
Pyrene
Concen: 2.375 ng
RT: 19.616 min Scan# 2776
Delta R.T. -0.012 min
Lab File: BP007878.D
Acq: 09 Nov 2021 00:54

Tgt Ion:202 Resp: 115675
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.4 13.8 20.6

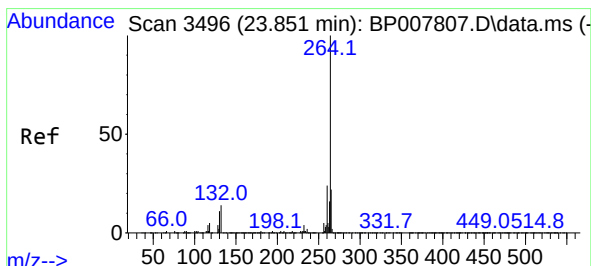
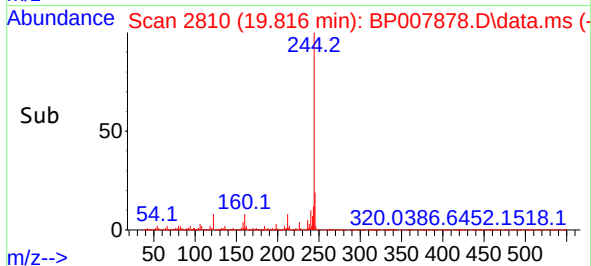
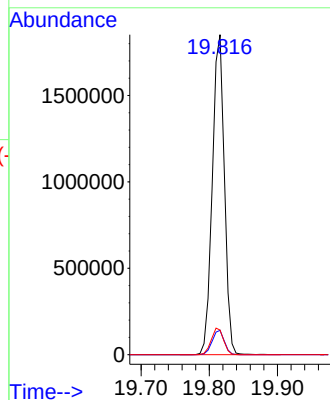
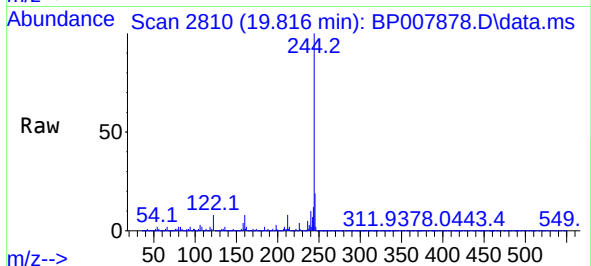




#79
 Terphenyl-d14
 Concen: 58.459 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

Instrument :
 BNA_P
 ClientSampleId :
 T5-EP2-NW

Tgt Ion:244 Resp: 2279838
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3479
 Delta R.T. -0.018 min
 Lab File: BP007878.D
 Acq: 09 Nov 2021 00:54

Tgt Ion:264 Resp: 887901
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.2 16.7 25.1

