

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009328.D
 Acq On : 09 Mar 2022 17:35
 Operator : CG/JU
 Sample : N1830-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11977

Quant Time: Mar 10 04:10:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

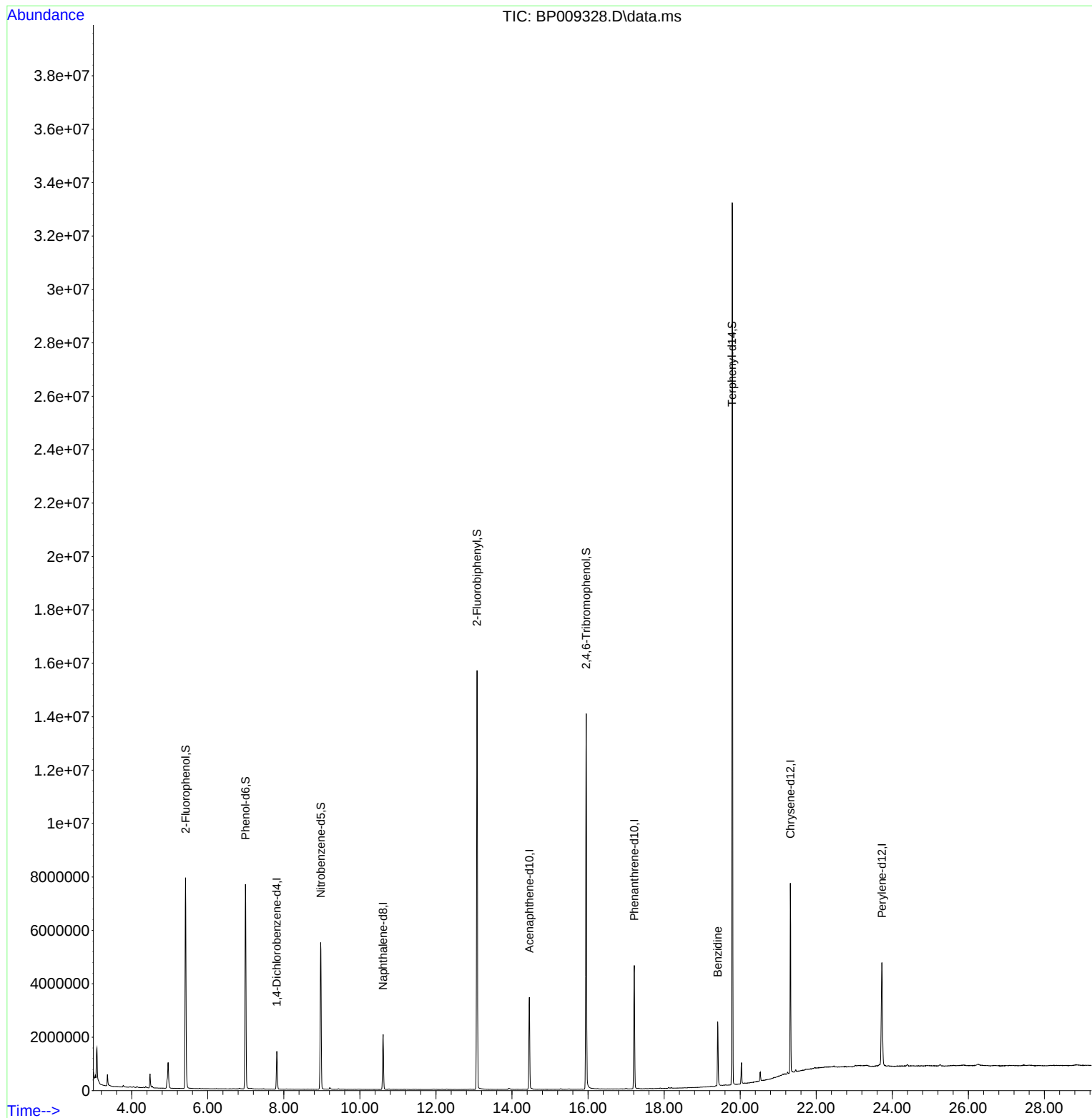
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	428072	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1872908	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1304990	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3049886	20.000	ng	0.00
76) Chrysene-d12	21.322	240	3431625	20.000	ng	0.00
86) Perylene-d12	23.727	264	3200073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	4010183	136.743	ng	0.00
7) Phenol-d6	6.993	99	4979450	133.613	ng	0.00
23) Nitrobenzene-d5	8.969	82	3568939	104.956	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	3151718	200.010	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	8556029	90.164	ng	0.00
79) Terphenyl-d14	19.786	244	14536110	79.937	ng	-0.01
Target Compounds						
77) Benzidine	19.410	184	1469574	12.269	ng	Qvalue 100

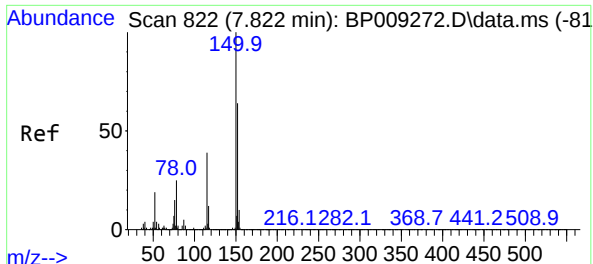
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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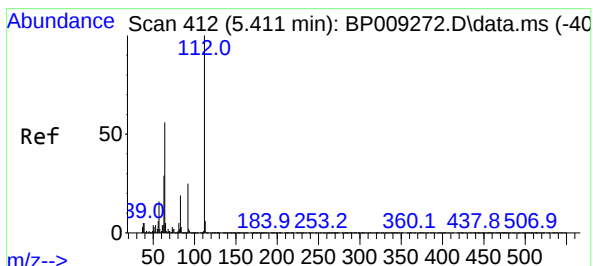
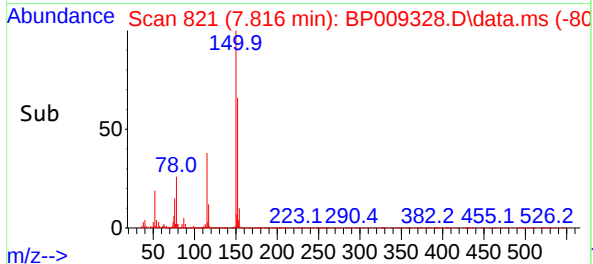
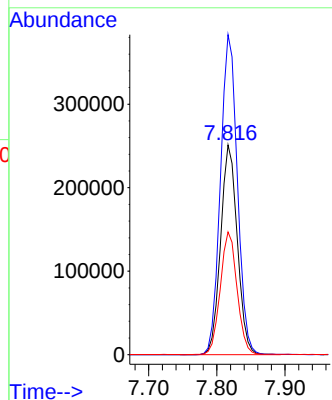
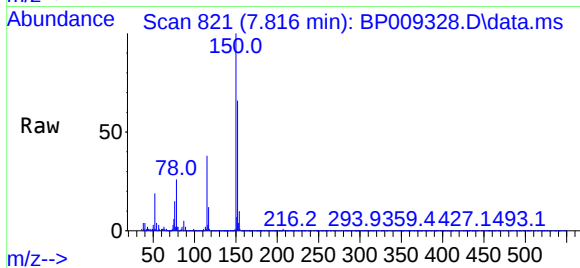




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

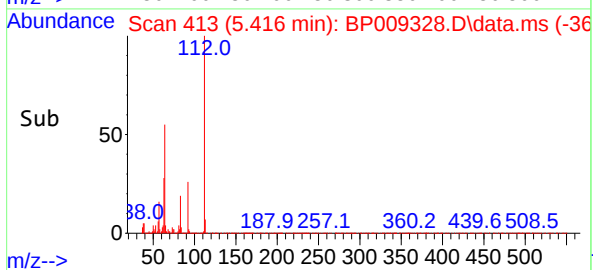
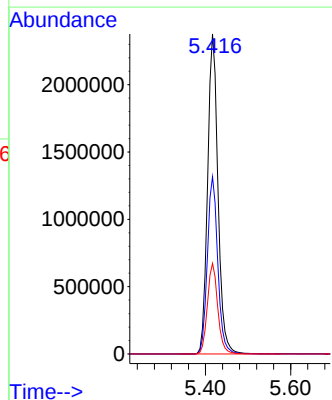
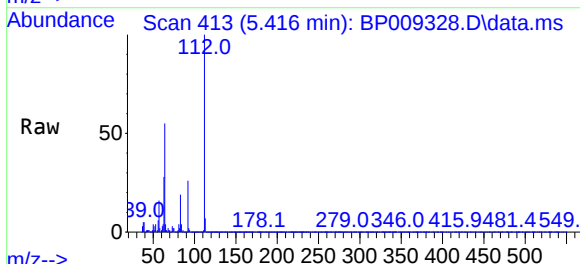
Instrument :
BNA_P
ClientSampleId :
11977

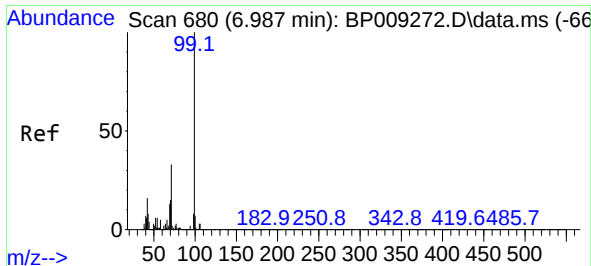
Tgt Ion:152 Resp: 428072
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 136.743 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:112 Resp: 4010183
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 28.3 23.0 34.6

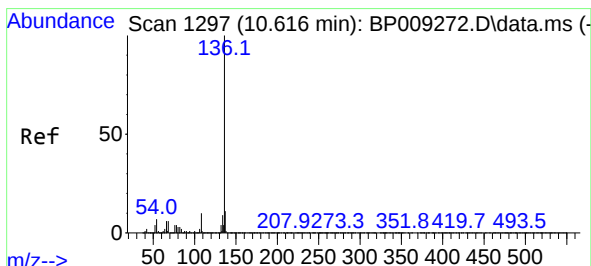
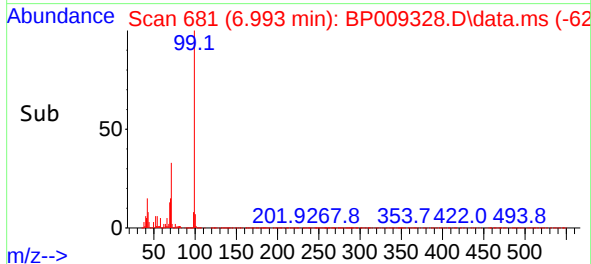
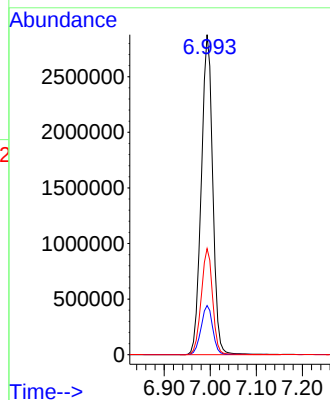
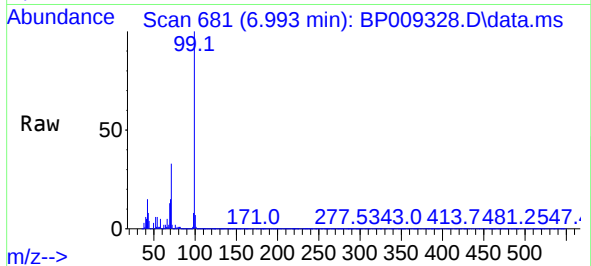




#7
Phenol-d6
Concen: 133.613 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

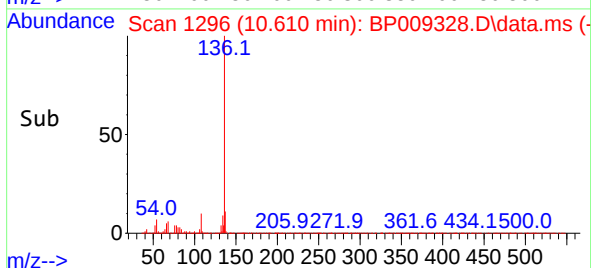
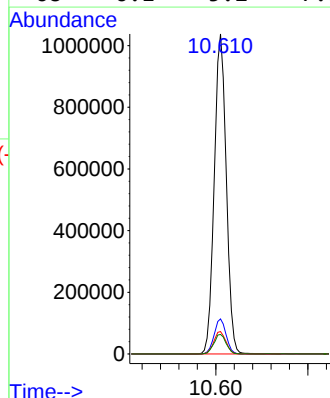
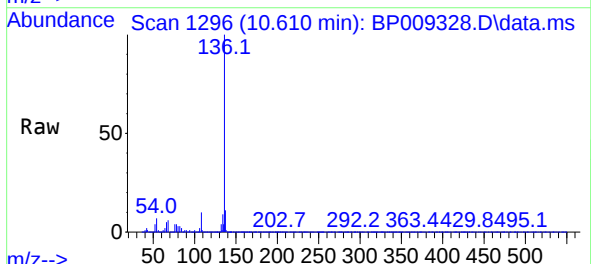
Instrument :
BNA_P
ClientSampleId :
11977

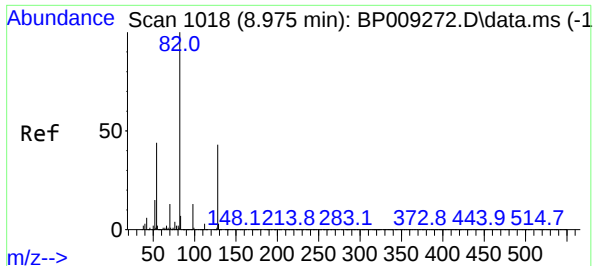
Tgt Ion: 99 Resp: 4979450
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:136 Resp: 1872908
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8

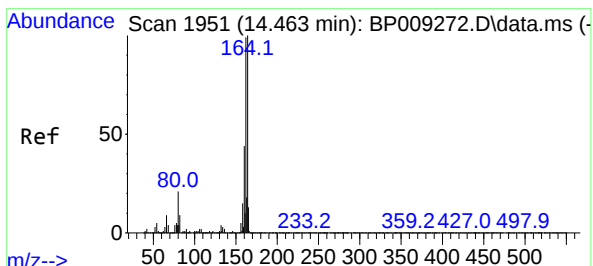
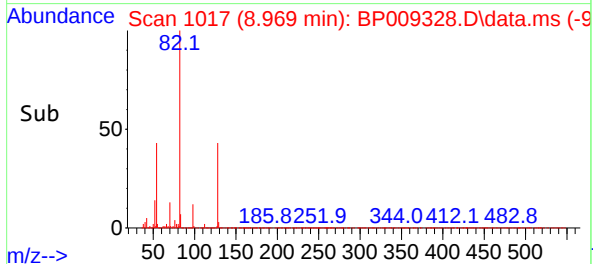
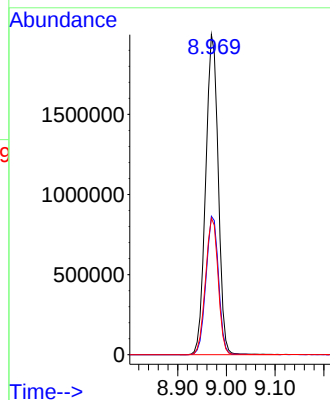
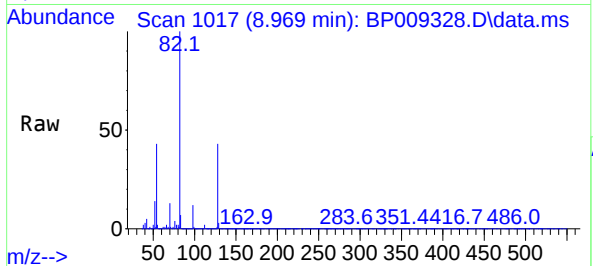




#23
Nitrobenzene-d5
Concen: 104.956 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

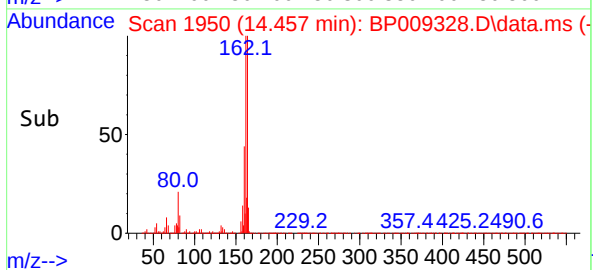
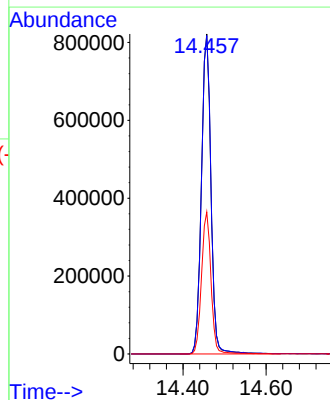
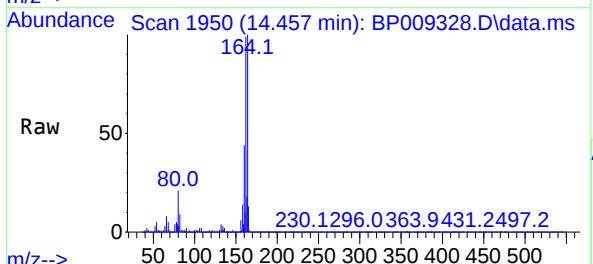
Instrument :
BNA_P
ClientSampleId :
11977

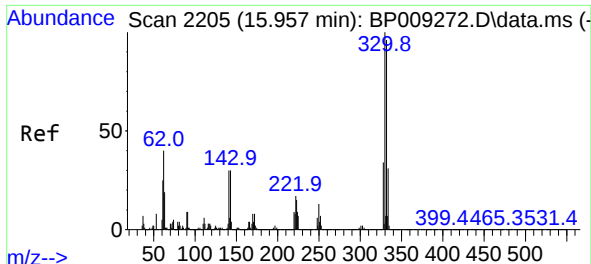
Tgt Ion: 82 Resp: 3568939
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:164 Resp: 1304990
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 44.4 34.9 52.3

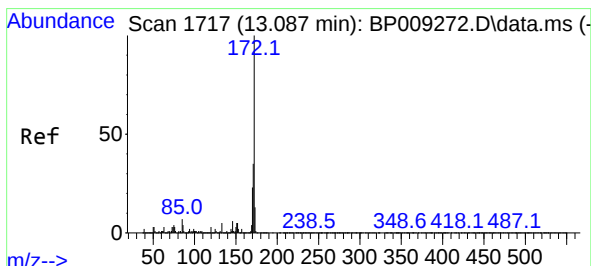
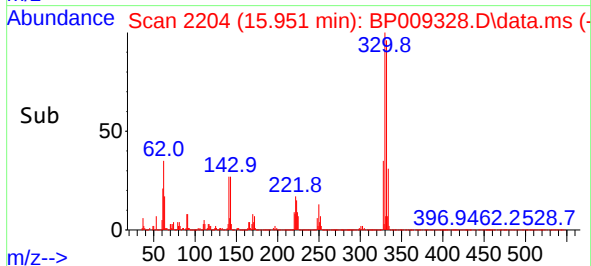
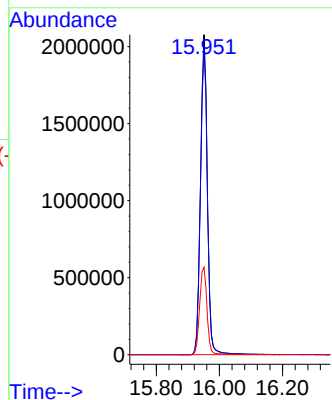
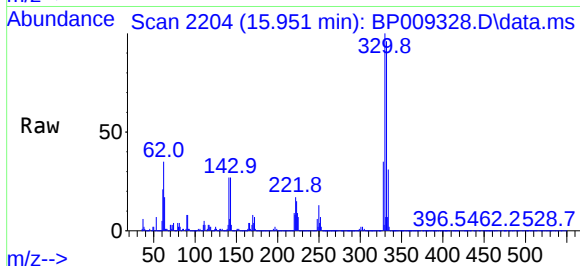




#42
2,4,6-Tribromophenol
Concen: 200.010 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

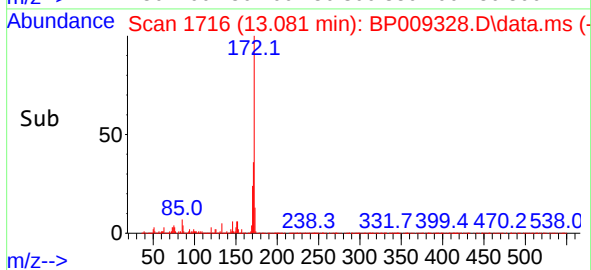
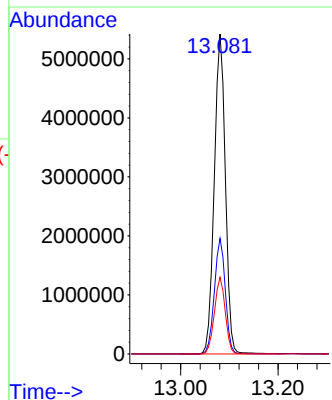
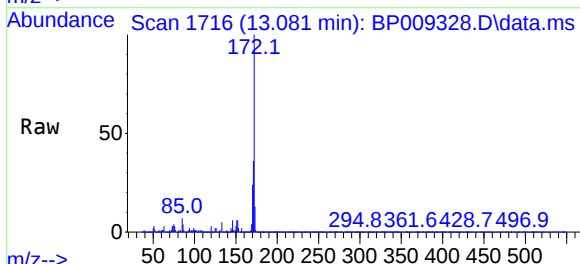
Instrument :
BNA_P
ClientSampleId :
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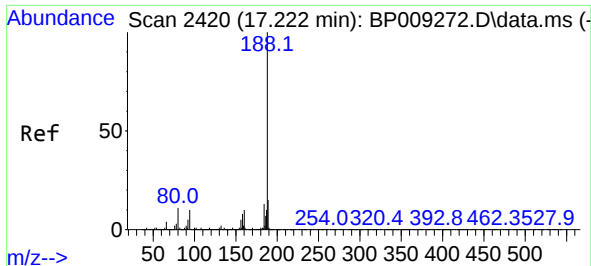
Tgt Ion:330 Resp: 3151718
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 29.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 90.164 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:172 Resp: 8556029
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.9 18.6 27.8

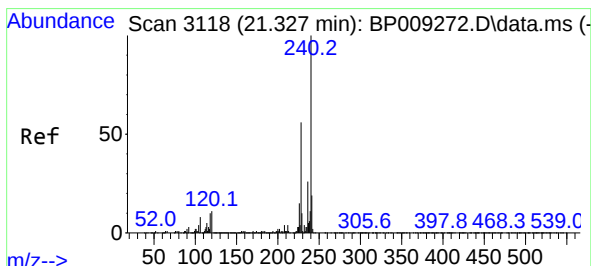
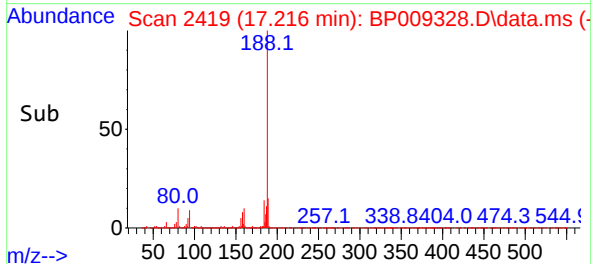
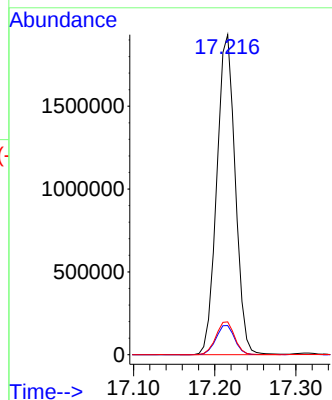
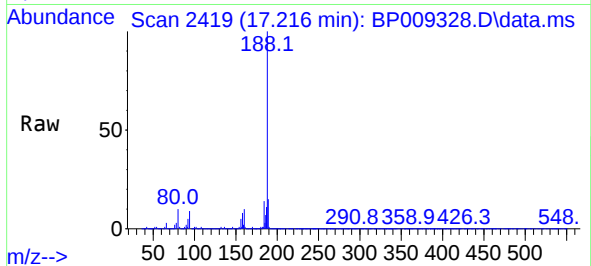




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

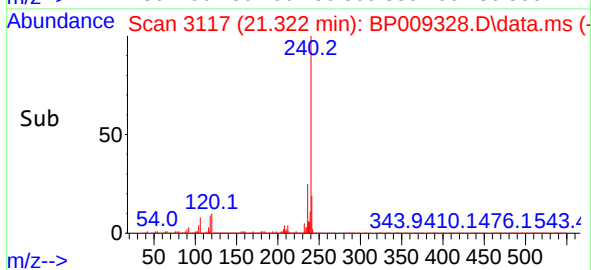
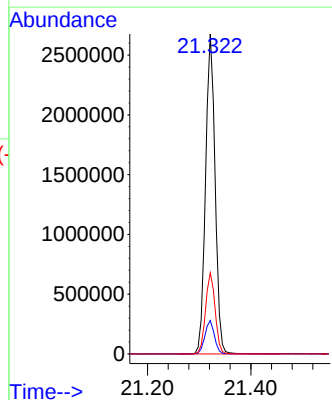
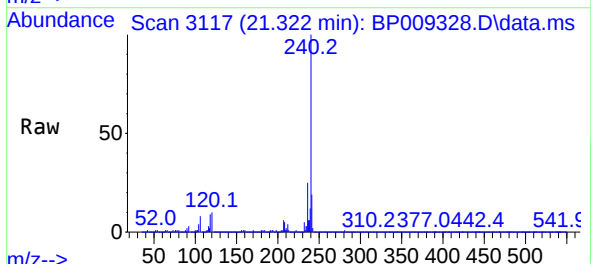
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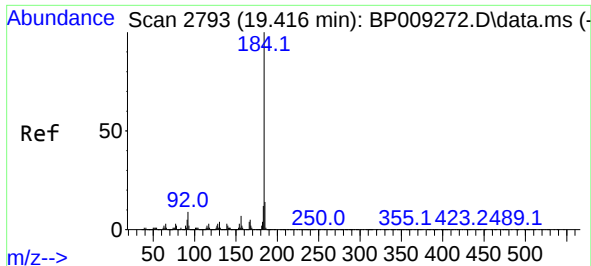
Tgt Ion:188 Resp: 3049886
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:240 Resp: 3431625
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.4 20.6 30.8

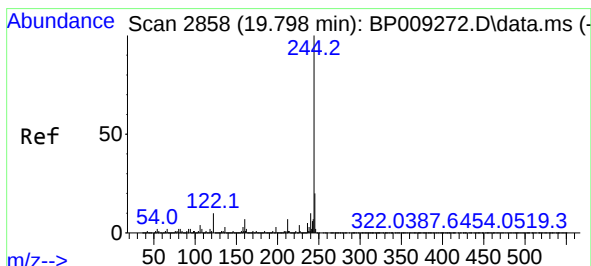
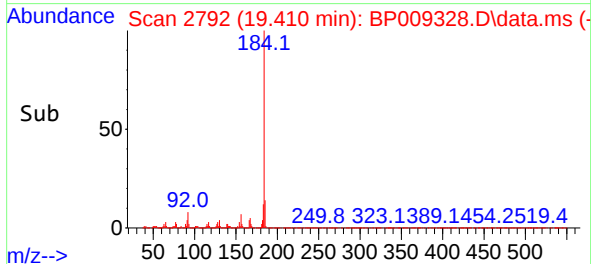
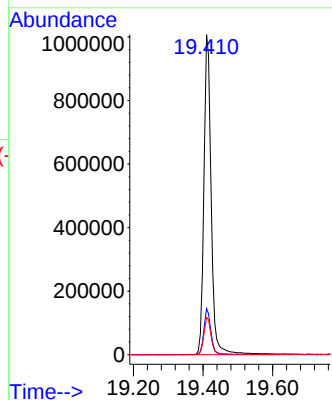
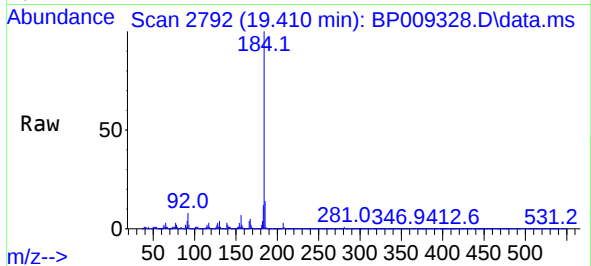




#77
Benzidine
Concen: 12.269 ng
RT: 19.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

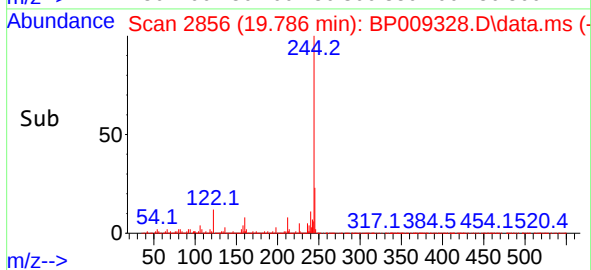
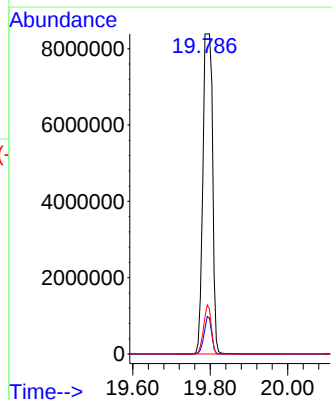
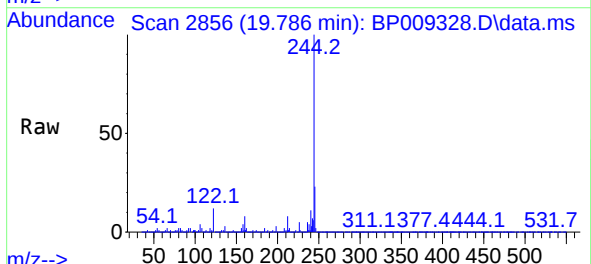
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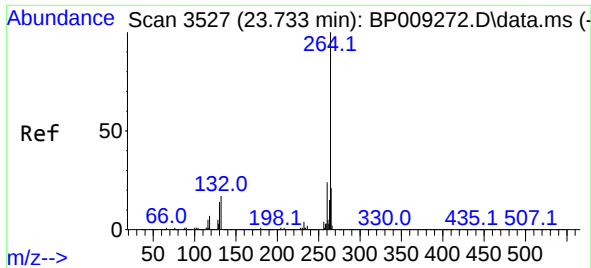
Tgt Ion:184 Resp: 1469574
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 79.937 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP009328.D
Acq: 09 Mar 2022 17:35

Tgt Ion:244 Resp:14536110
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.6
122 11.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP009328.D
 Acq: 09 Mar 2022 17:35

Instrument :
 BNA_P
 ClientSampleId :
 11977

Tgt Ion:264 Resp: 3200073
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.1 17.2 25.8

