

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015318.D
 Acq On : 26 May 2023 20:13
 Operator : CG/JU
 Sample : 02945-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB23

Quant Time: May 29 02:07:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

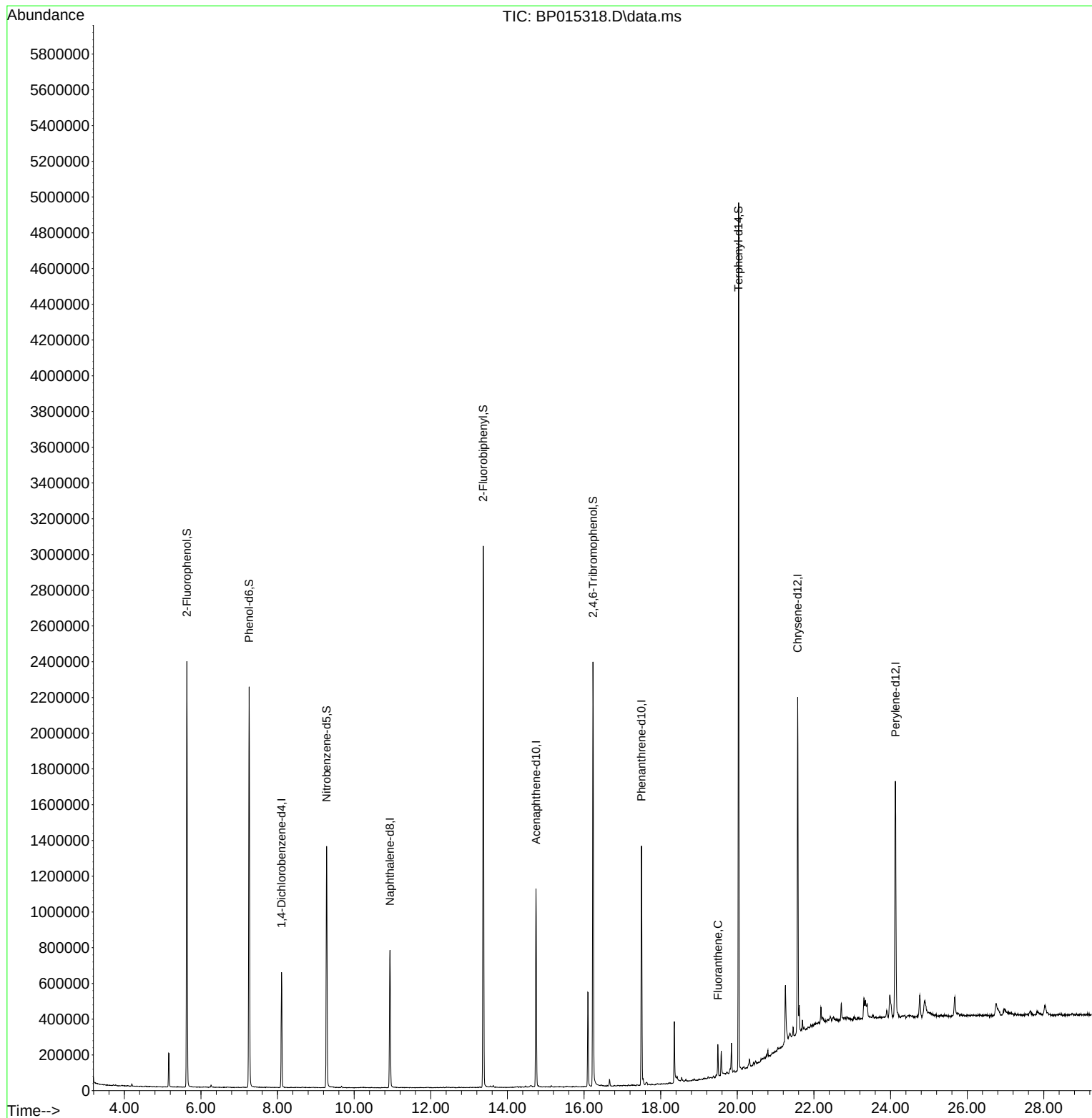
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	167813	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	633165	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	363597	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	799539	20.000	ng	0.00
76) Chrysene-d12	21.574	240	872853	20.000	ng	-0.01
86) Perylene-d12	24.127	264	1076050	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	972727	96.051	ng	0.00
7) Phenol-d6	7.257	99	1238995	93.355	ng	0.00
23) Nitrobenzene-d5	9.281	82	782537	60.345	ng	-0.01
42) 2,4,6-Tribromophenol	16.233	330	443809	89.821	ng	-0.01
45) 2-Fluorobiphenyl	13.369	172	1487255	54.916	ng	-0.01
79) Terphenyl-d14	20.033	244	2184159	47.068	ng	0.00
Target Compounds						
75) Fluoranthene	19.492	202	100172	2.012	ng	99

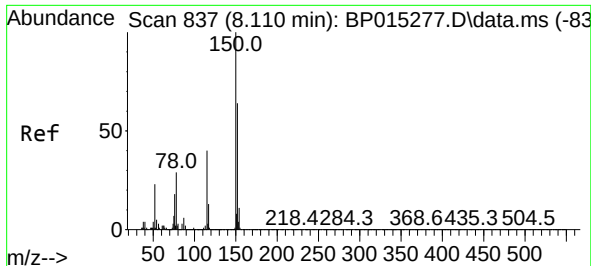
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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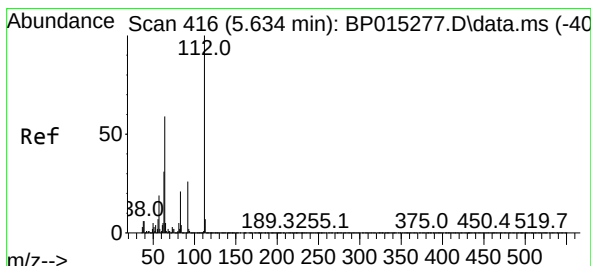
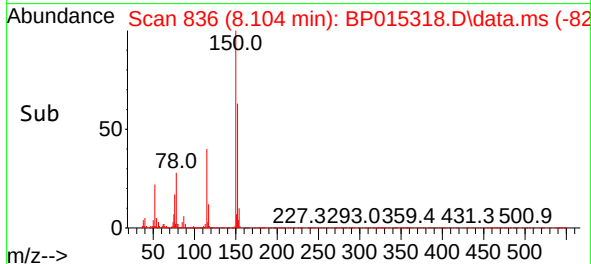
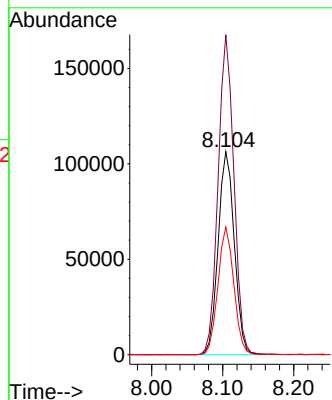
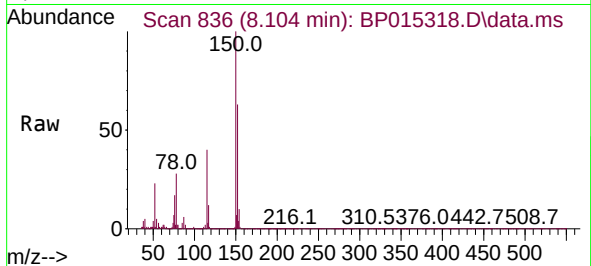




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

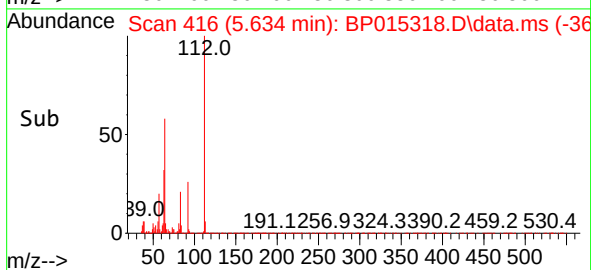
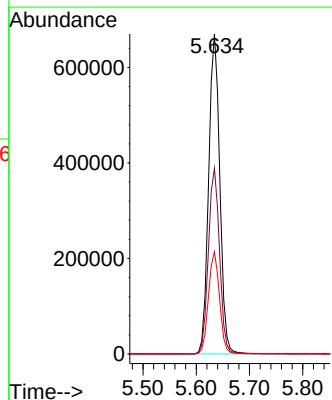
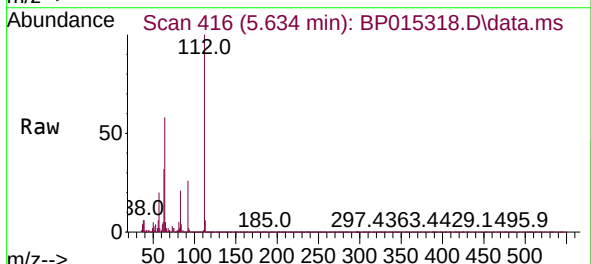
Instrument :
BNA_P
ClientSampleId :
SB23

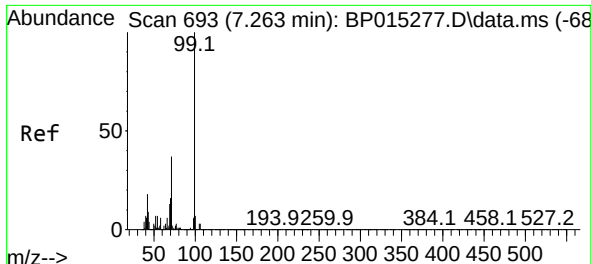
Tgt Ion:152 Resp: 167813
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 62.9 49.1 73.7



#5
2-Fluorophenol
Concen: 96.051 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion:112 Resp: 972727
Ion Ratio Lower Upper
112 100
64 58.1 47.2 70.8
63 32.0 24.6 37.0

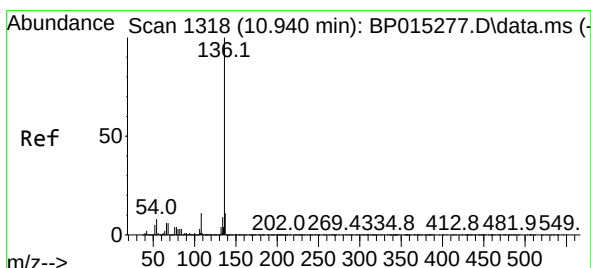
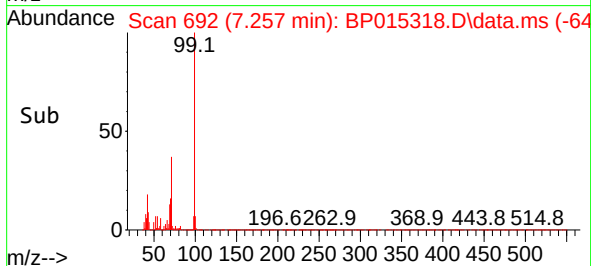
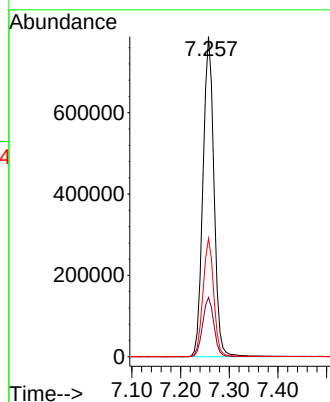
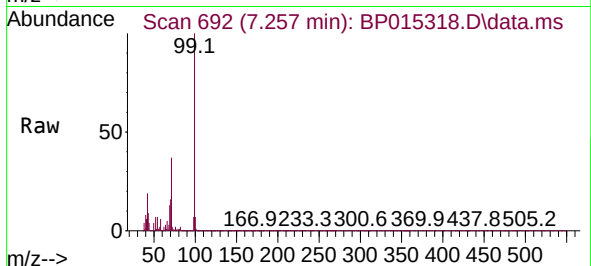




#7
Phenol-d6
Concen: 93.355 ng
RT: 7.257 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

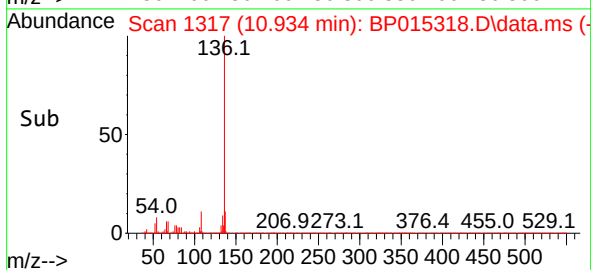
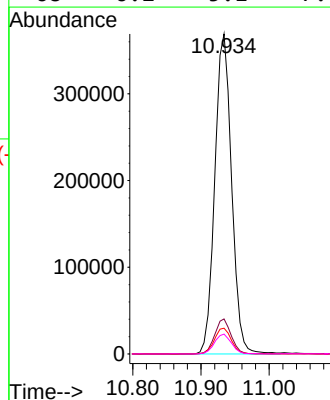
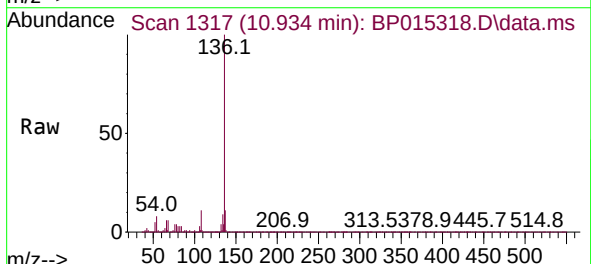
Instrument :
BNA_P
ClientSampleId :
SB23

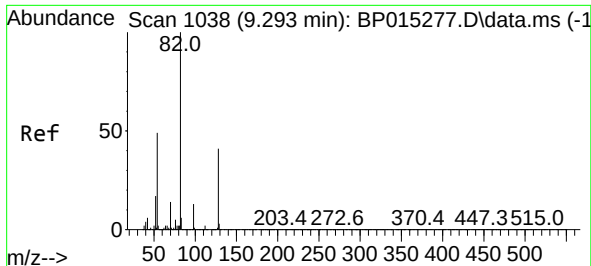
Tgt Ion: 99 Resp: 1238995
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 37.0 29.4 44.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion: 136 Resp: 633165
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 6.3 9.5
68 6.2 5.1 7.7

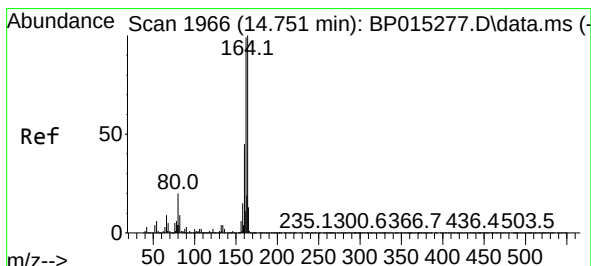
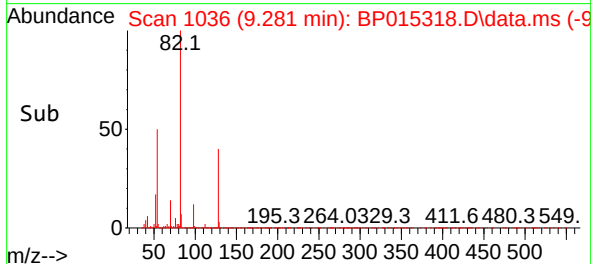
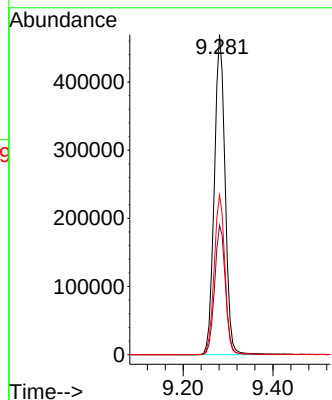
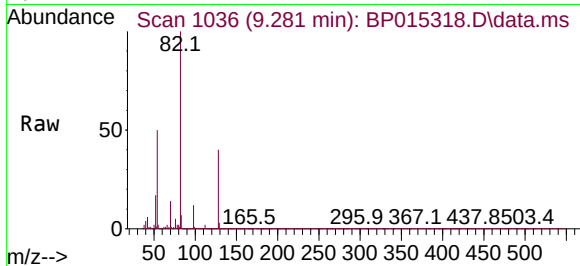




#23
Nitrobenzene-d5
Concen: 60.345 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

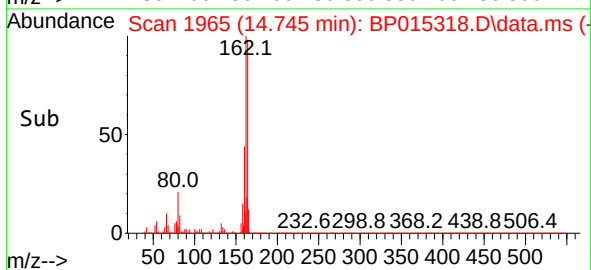
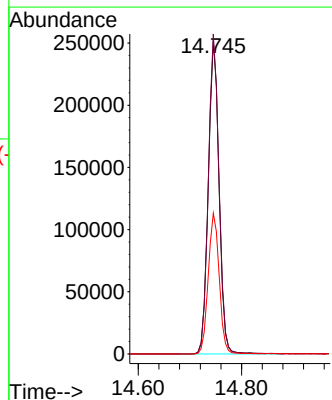
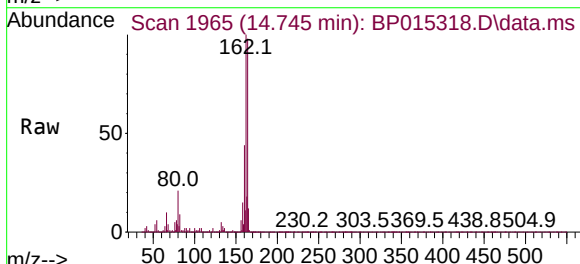
Instrument :
BNA_P
ClientSampleId :
SB23

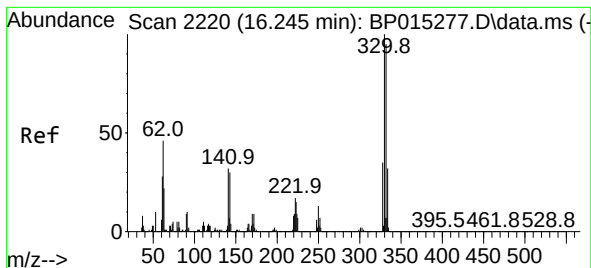
Tgt Ion: 82 Resp: 782537
Ion Ratio Lower Upper
82 100
128 40.4 33.0 49.4
54 49.9 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion: 164 Resp: 363597
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.2
160 45.0 35.6 53.4

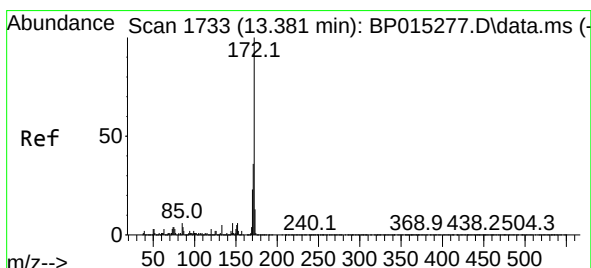
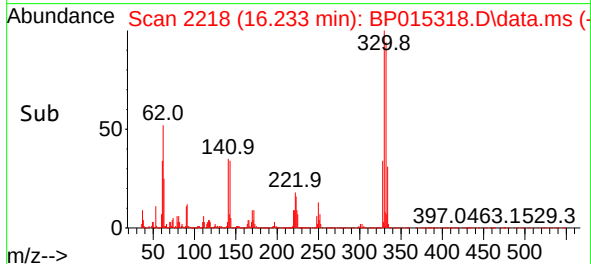
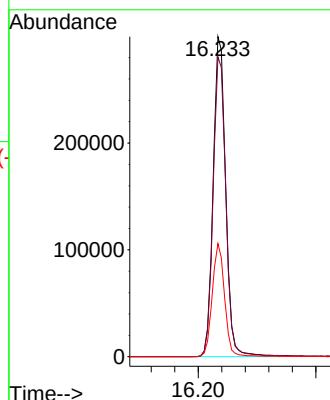
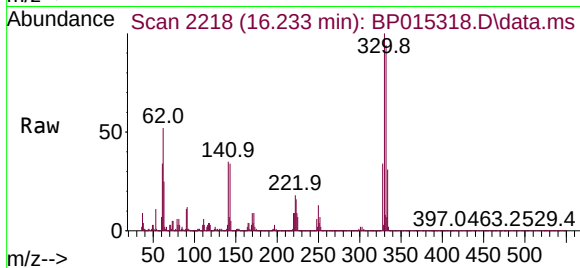




#42
2,4,6-Tribromophenol
Concen: 89.821 ng
RT: 16.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

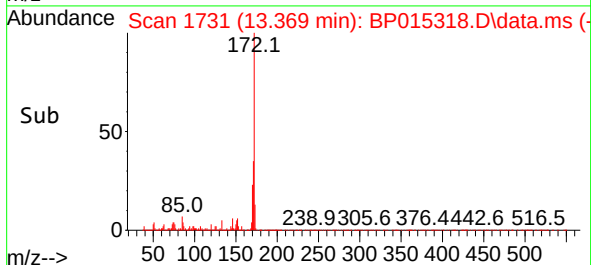
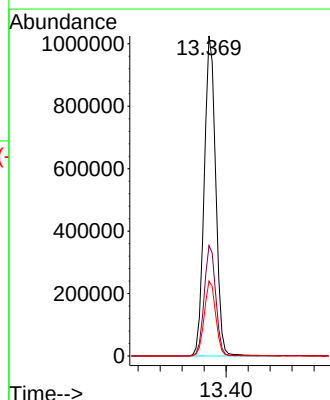
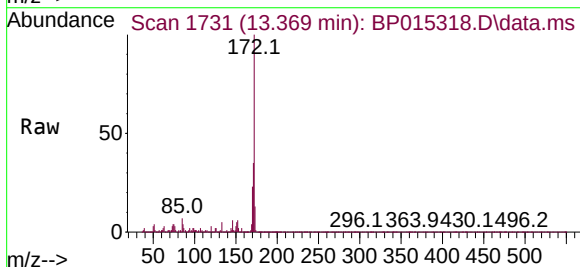
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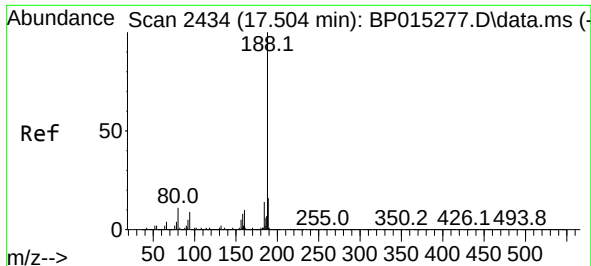
Tgt Ion: 330 Resp: 443809
Ion Ratio Lower Upper
330 100
332 95.6 76.3 114.5
141 35.1 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 54.916 ng
RT: 13.369 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion: 172 Resp: 1487255
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.5 18.7 28.1

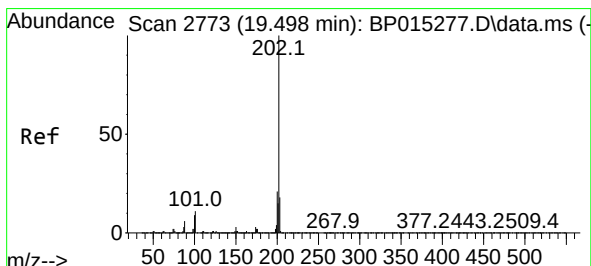
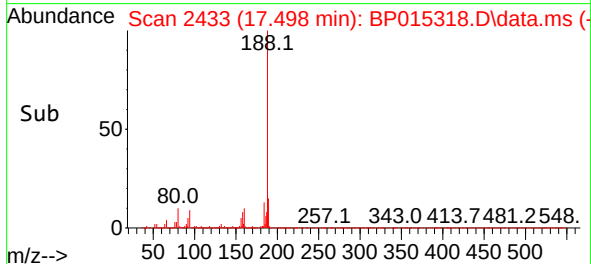
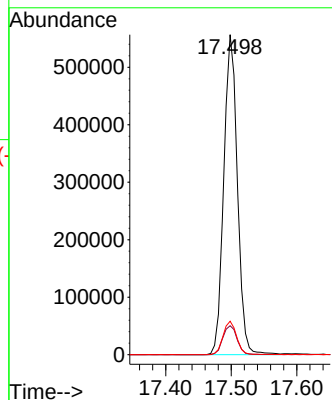
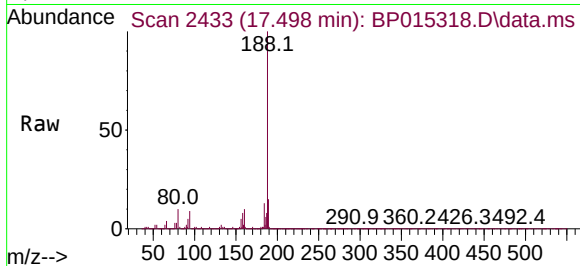




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

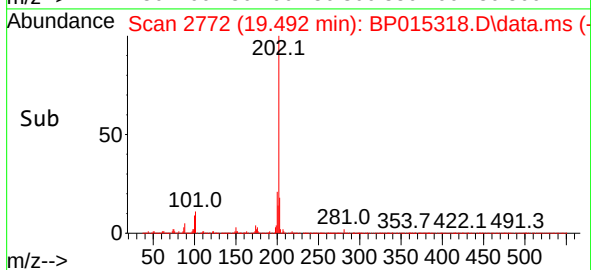
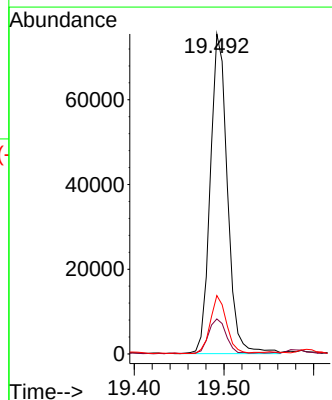
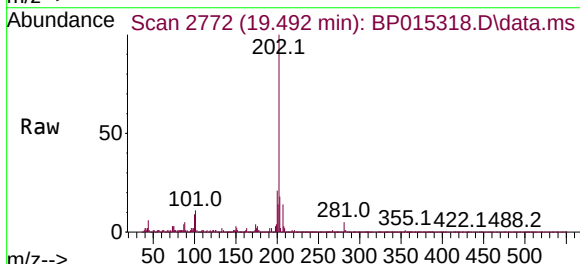
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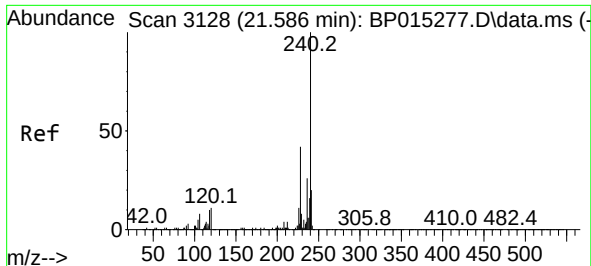
Tgt Ion:188 Resp: 799539
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.5 8.6 13.0



#75
Fluoranthene
Concen: 2.012 ng
RT: 19.492 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion:202 Resp: 100172
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.3 0.0 37.6

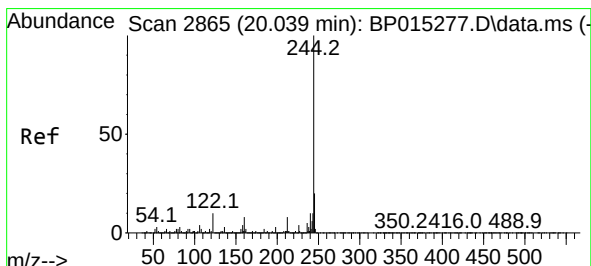
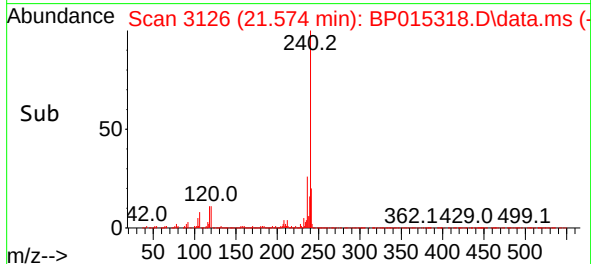
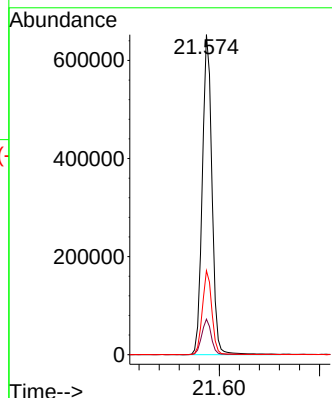
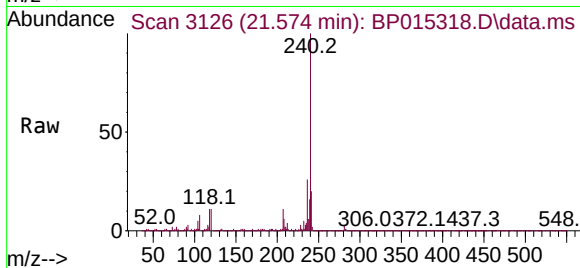




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

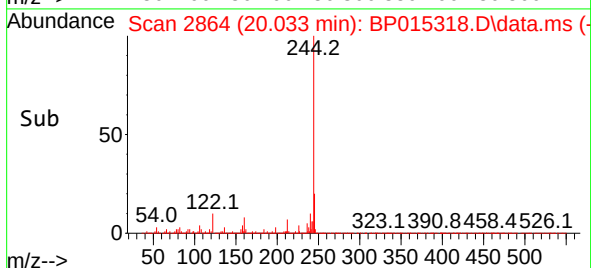
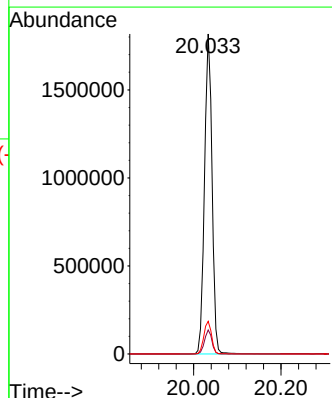
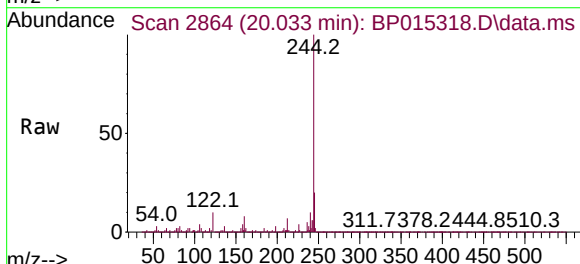
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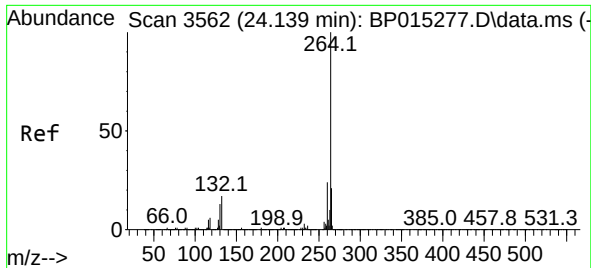
Tgt Ion:240 Resp: 872853
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.3 20.5 30.7



#79
Terphenyl-d14
Concen: 47.068 ng
RT: 20.033 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BP015318.D
Acq: 26 May 2023 20:13

Tgt Ion:244 Resp: 2184159
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.2 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.127 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP015318.D
 Acq: 26 May 2023 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SB23

Tgt Ion:264 Resp: 1076050
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.0 17.5 26.3

