

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
 Data File : BP008878.D
 Acq On : 20 Jan 2022 20:27
 Operator : CG/JU
 Sample : N1195-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-011922

Quant Time: Jan 21 03:38:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

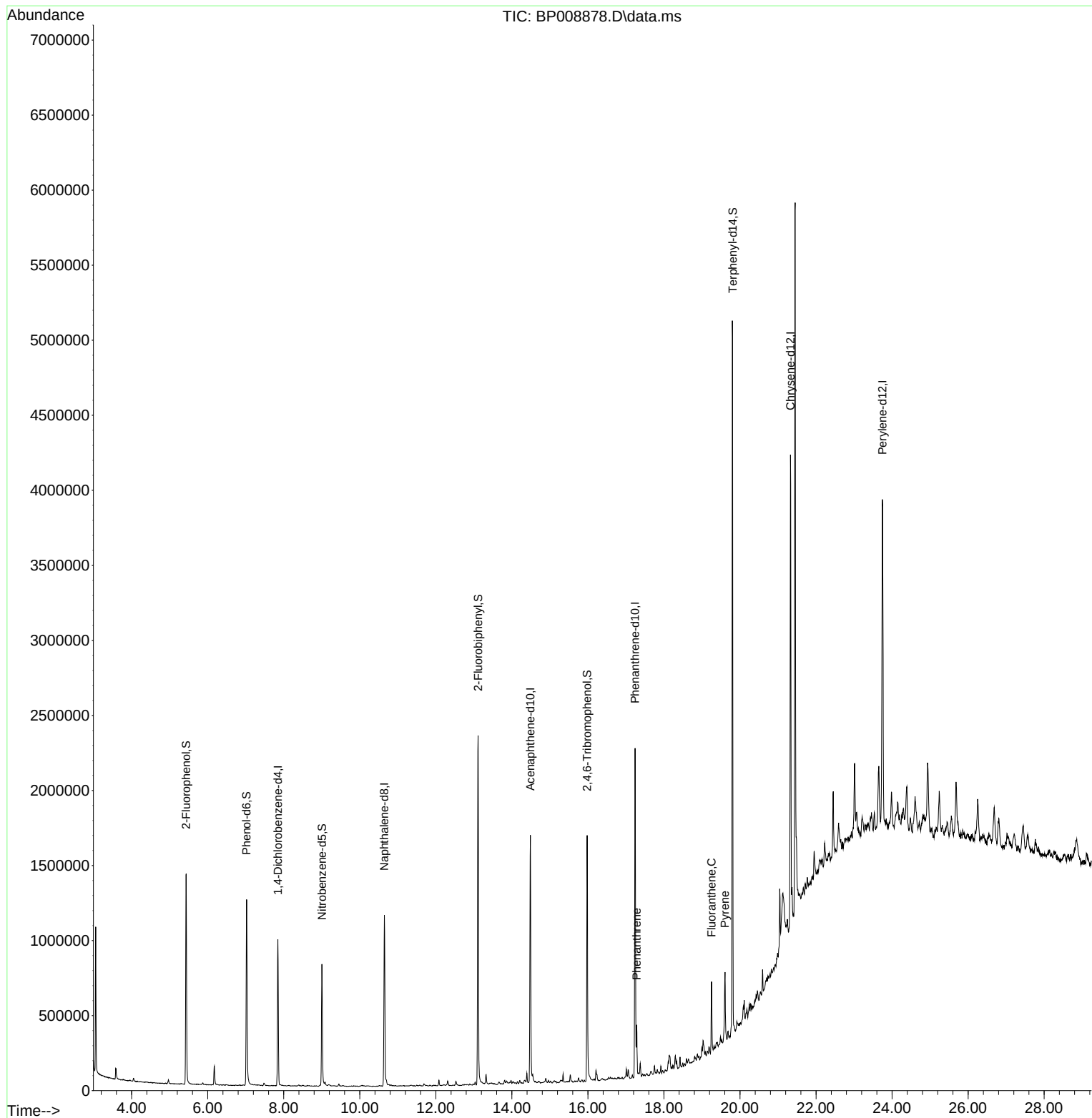
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	286522	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1033877	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	661085	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1383172	20.000	ng	-0.01
76) Chrysene-d12	21.327	240	1522157	20.000	ng	-0.02
86) Perylene-d12	23.745	264	1680824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	697722	37.657	ng	0.00
7) Phenol-d6	7.022	99	814604	36.307	ng	-0.01
23) Nitrobenzene-d5	9.005	82	522732	28.705	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	373732	38.838	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1393236	27.792	ng	-0.01
79) Terphenyl-d14	19.804	244	2328909	25.826	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.281	178	217333	2.791	ng	98
75) Fluoranthene	19.251	202	282964	3.267	ng	98
78) Pyrene	19.604	202	280354	2.640	ng	97

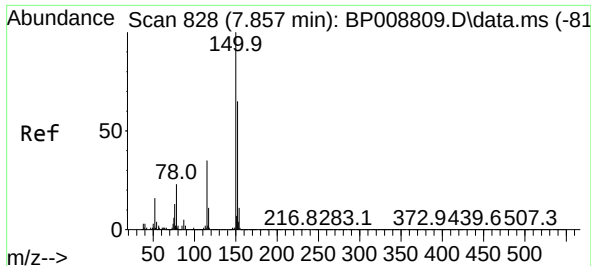
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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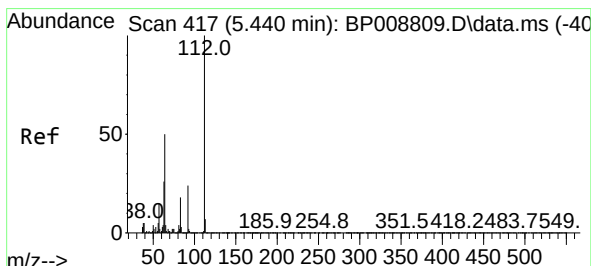
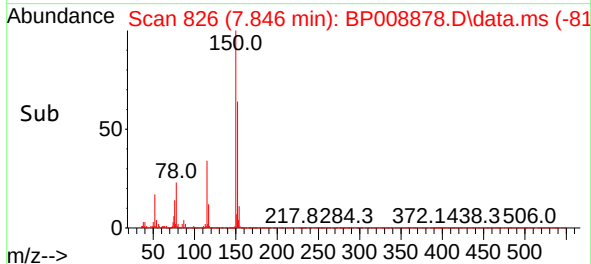
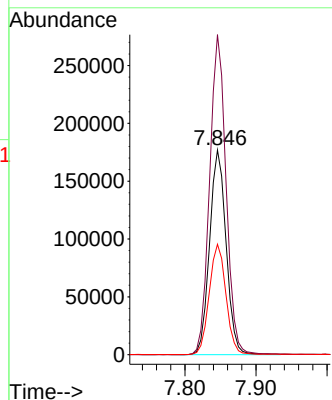
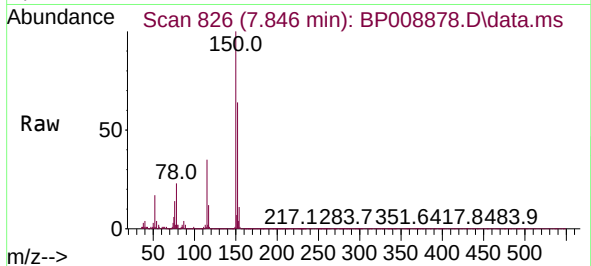




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

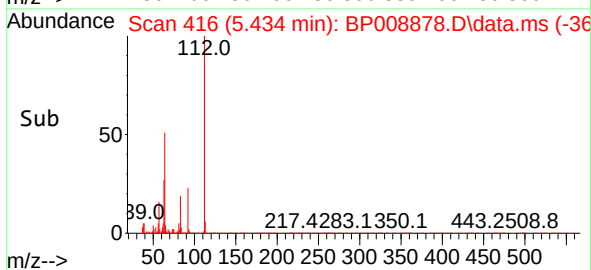
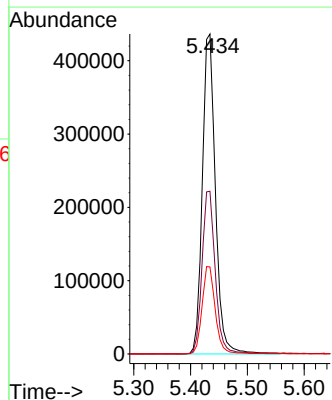
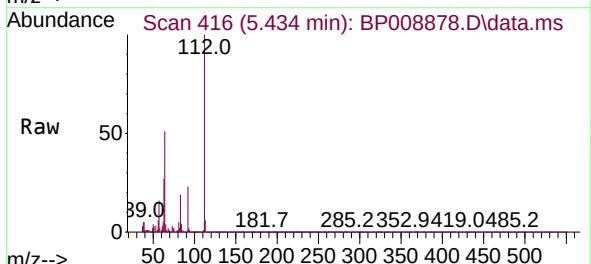
Instrument :
BNA_P
ClientSampleId :
CL-02-011922

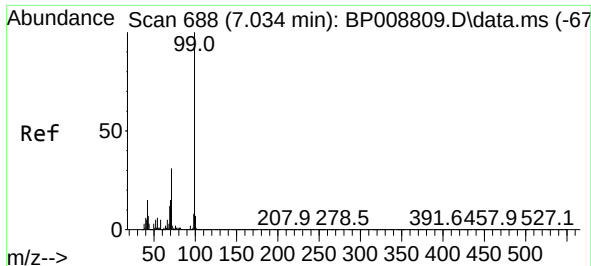
Tgt Ion:152 Resp: 286522
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 53.9 43.7 65.5



#5
2-Fluorophenol
Concen: 37.657 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion:112 Resp: 697722
Ion Ratio Lower Upper
112 100
64 50.9 39.7 59.5
63 27.2 20.0 30.0

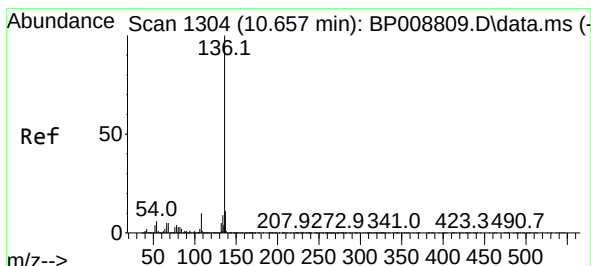
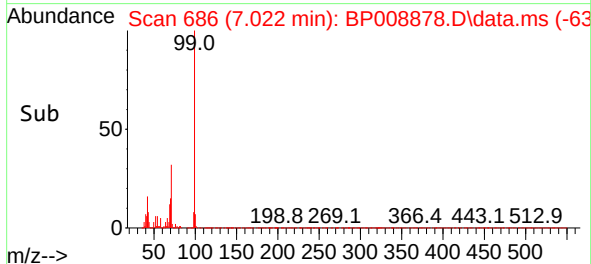
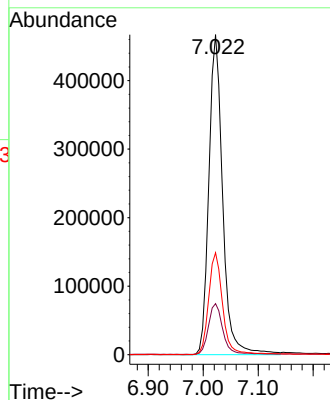
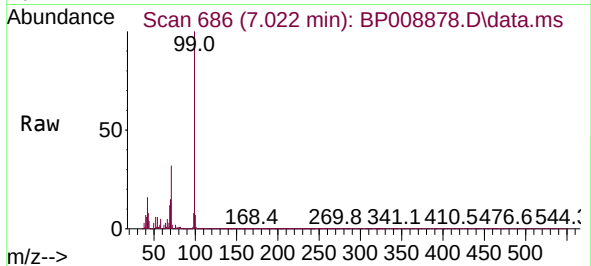




#7
Phenol-d6
Concen: 36.307 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

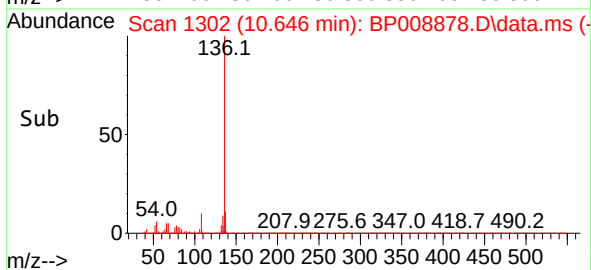
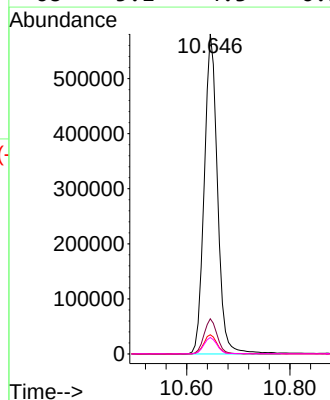
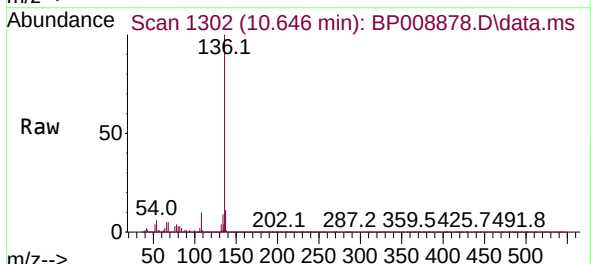
Instrument :
BNA_P
ClientSampleId :
CL-02-011922

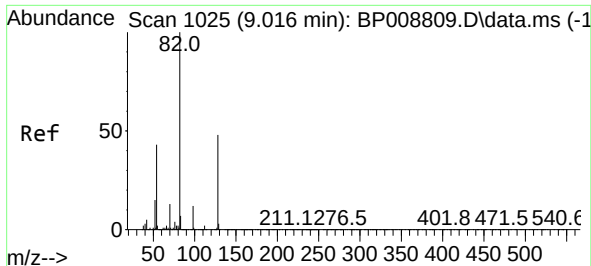
Tgt Ion: 99 Resp: 814604
Ion Ratio Lower Upper
99 100
42 15.9 10.8 16.2
71 31.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion: 136 Resp: 1033877
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 4.9 7.3
68 5.1 4.3 6.5

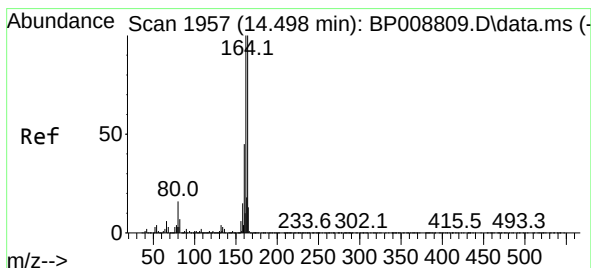
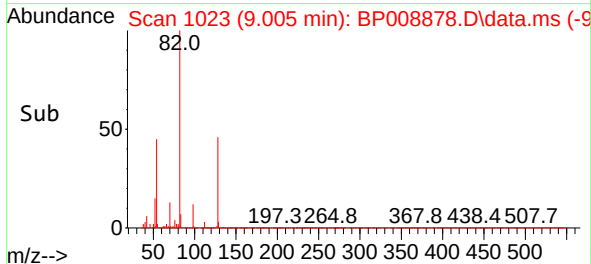
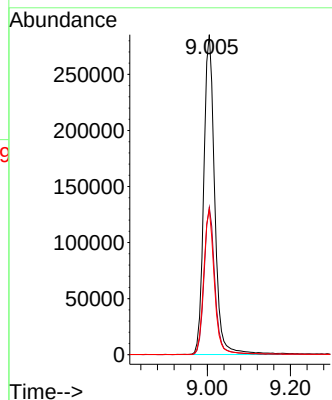
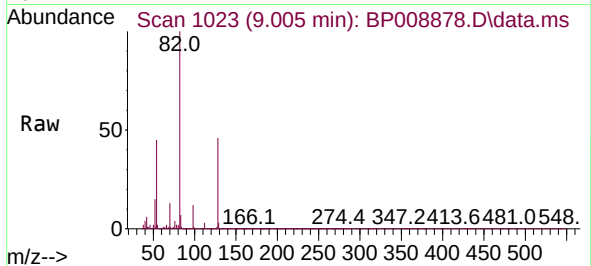




#23
Nitrobenzene-d5
Concen: 28.705 ng
RT: 9.005 min Scan# 1023
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

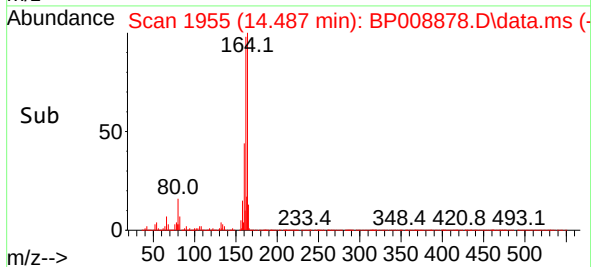
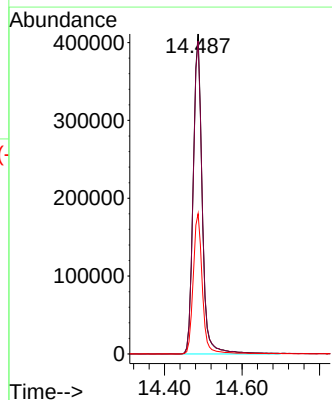
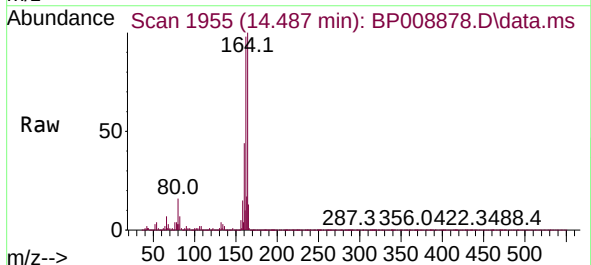
Instrument :
BNA_P
ClientSampleId :
CL-02-011922

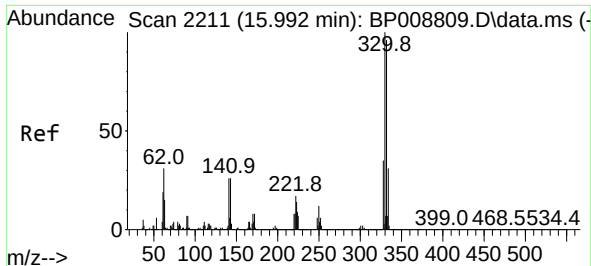
Tgt Ion: 82 Resp: 522732
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 45.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion:164 Resp: 661085
Ion Ratio Lower Upper
164 100
162 97.8 79.9 119.9
160 43.8 35.5 53.3

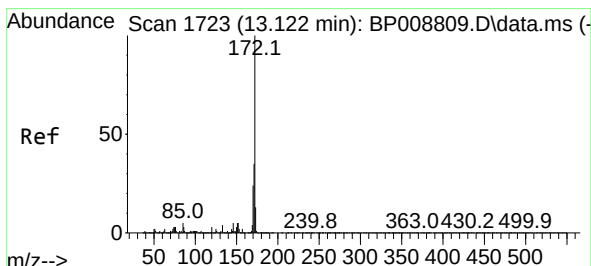
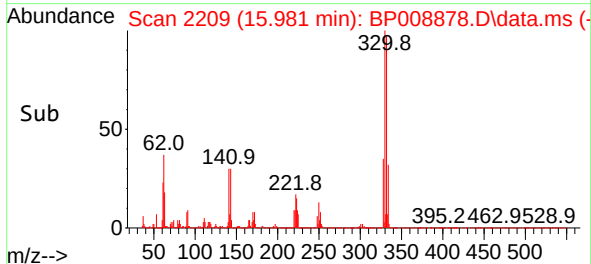
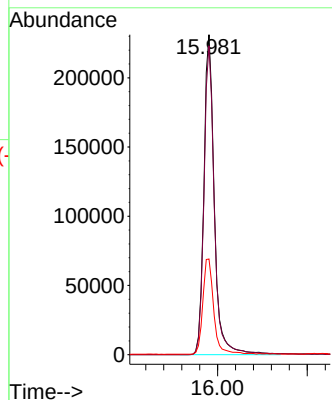
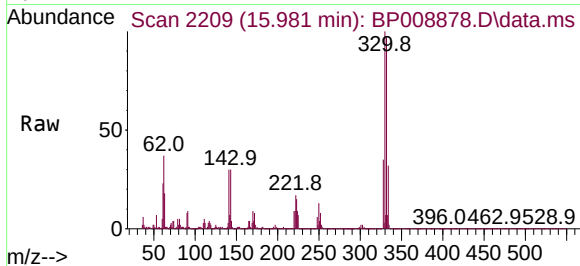




#42
2,4,6-Tribromophenol
Concen: 38.838 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

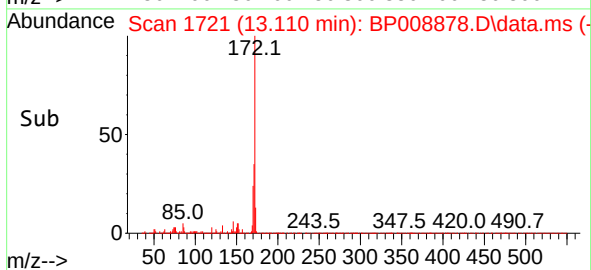
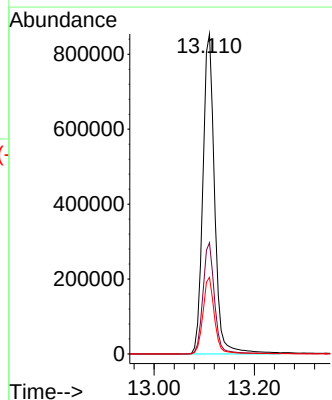
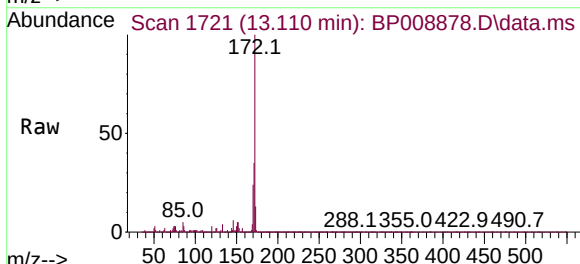
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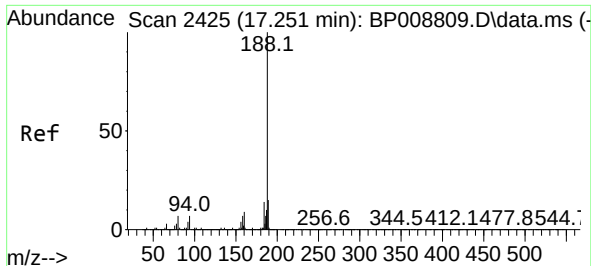
Tgt Ion:330 Resp: 373732
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 31.1 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 27.792 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion:172 Resp: 1393236
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.9 19.5 29.3

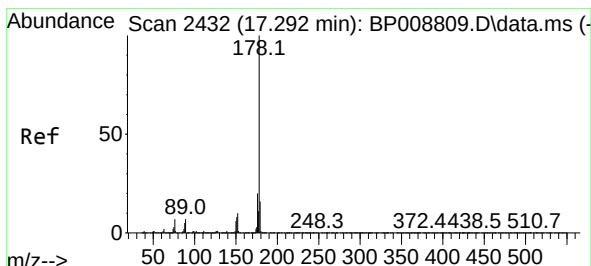
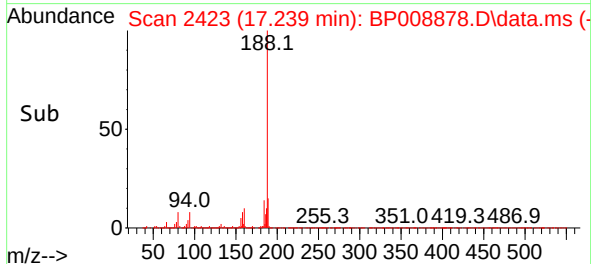
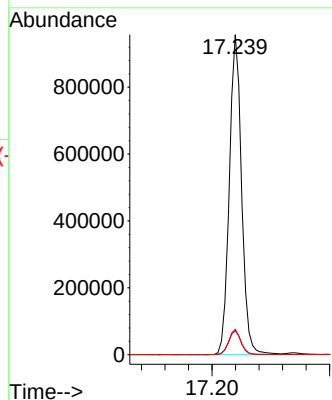
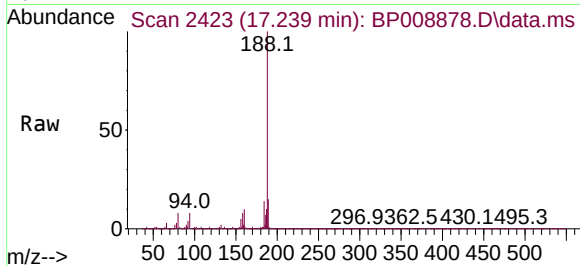




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.011 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

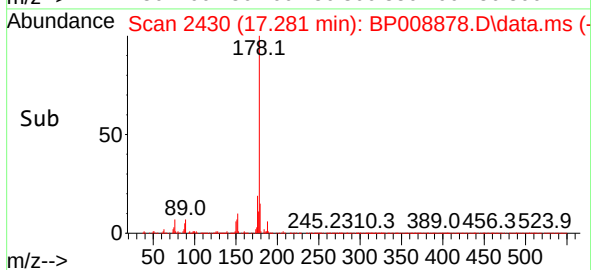
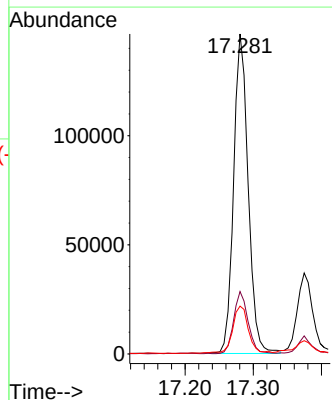
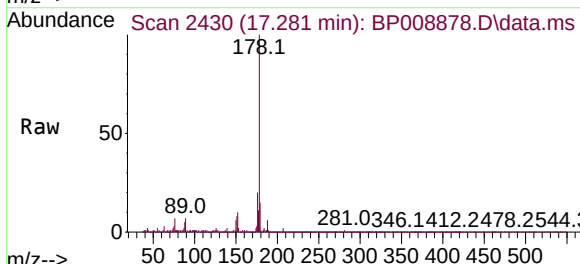
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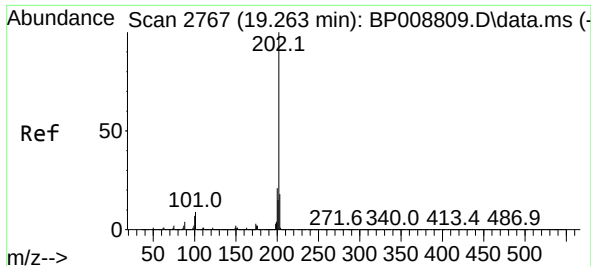
Tgt Ion:188 Resp: 1383172
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 2.791 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion:178 Resp: 217333
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 14.9 13.0 19.4

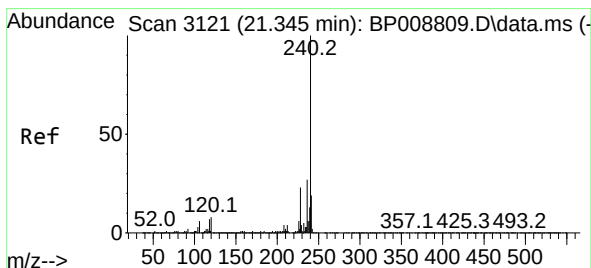
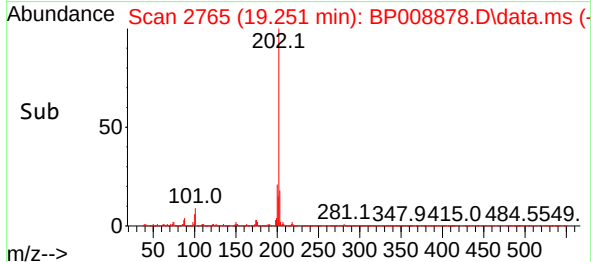
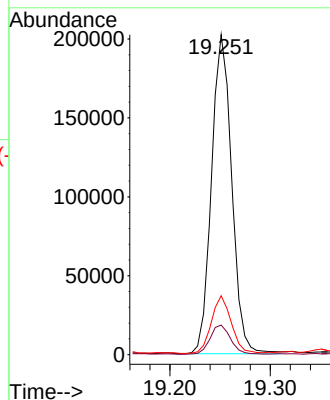
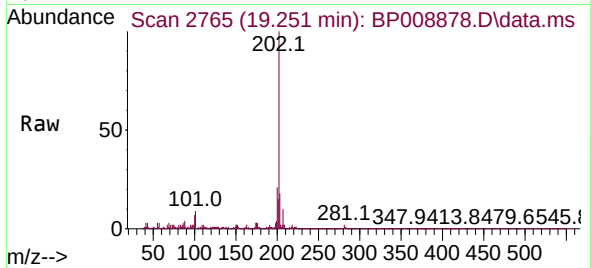




#75
Fluoranthene
Concen: 3.267 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

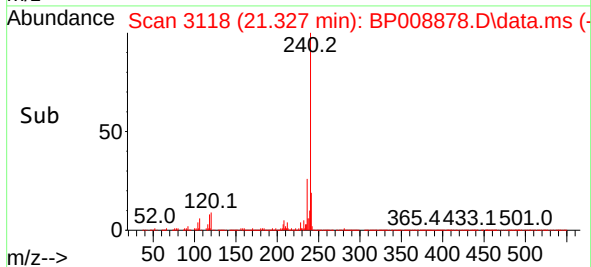
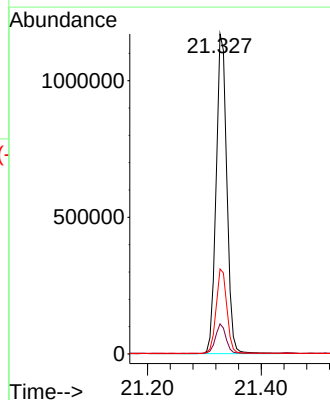
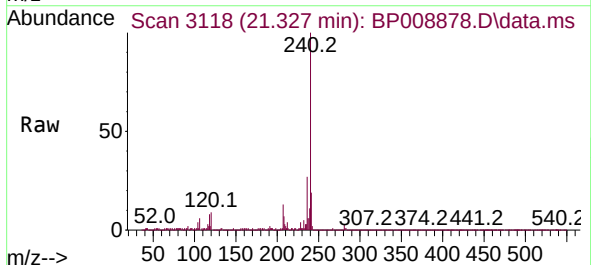
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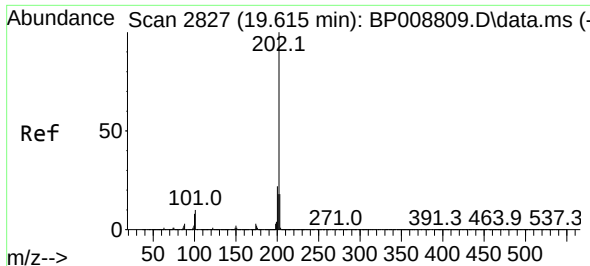
Tgt Ion:	202	Resp:	282964
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.7
203	18.4	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.017 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Tgt Ion:	240	Resp:	1522157
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.7	11.5
236	26.5	21.2	31.8

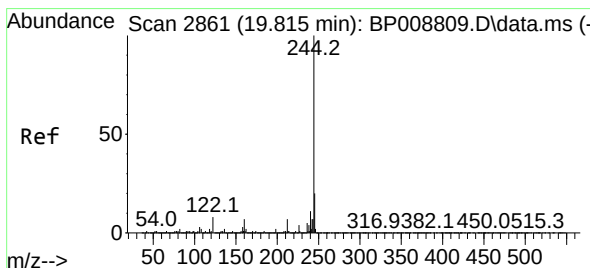
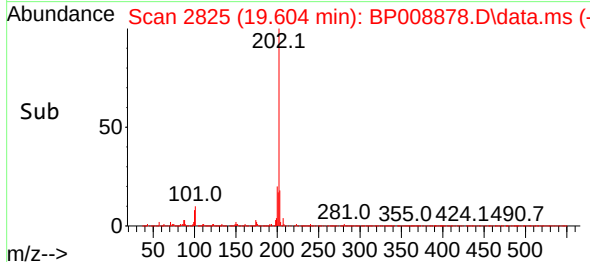
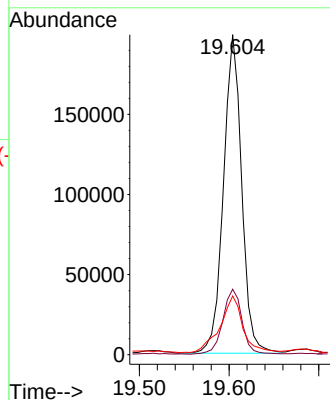
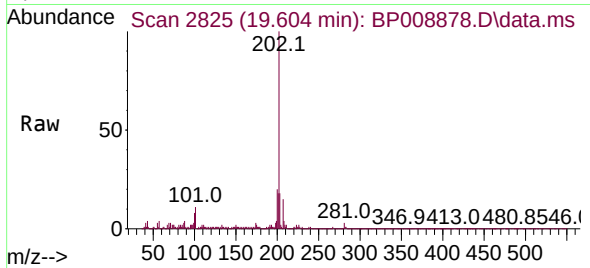




#78
 Pyrene
 Concen: 2.640 ng
 RT: 19.604 min Scan# 2825
 Delta R.T. -0.011 min
 Lab File: BP008878.D
 Acq: 20 Jan 2022 20:27

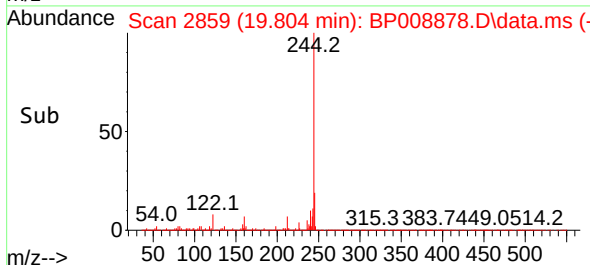
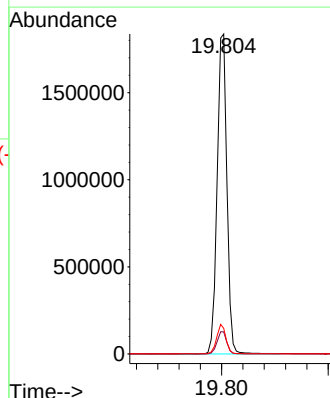
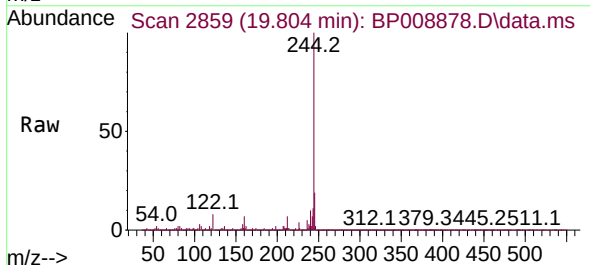
Instrument :
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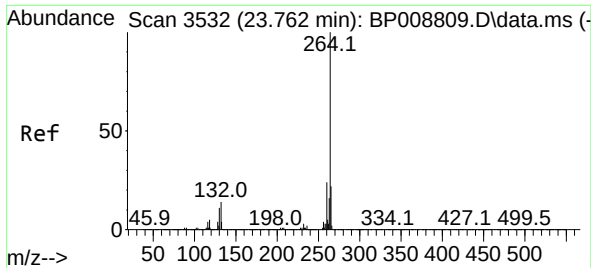
Tgt Ion:202	Resp:	280354	
Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.0	27.0
203	18.3	15.0	22.6



#79
 Terphenyl-d14
 Concen: 25.826 ng
 RT: 19.804 min Scan# 2859
 Delta R.T. -0.011 min
 Lab File: BP008878.D
 Acq: 20 Jan 2022 20:27

Tgt Ion:244	Resp:	2328909	
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	8.0	9.2	13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008878.D
Acq: 20 Jan 2022 20:27

Instrument :
BNA_P
ClientSampleId :
CL-02-011922

Tgt Ion:264 Resp: 1680824

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.1	28.7
265	22.2	17.1	25.7

