

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036129.D
 Acq On : 05 Aug 2022 21:13
 Operator : CG/JU
 Sample : N3961-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-175

Quant Time: Aug 06 01:13:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

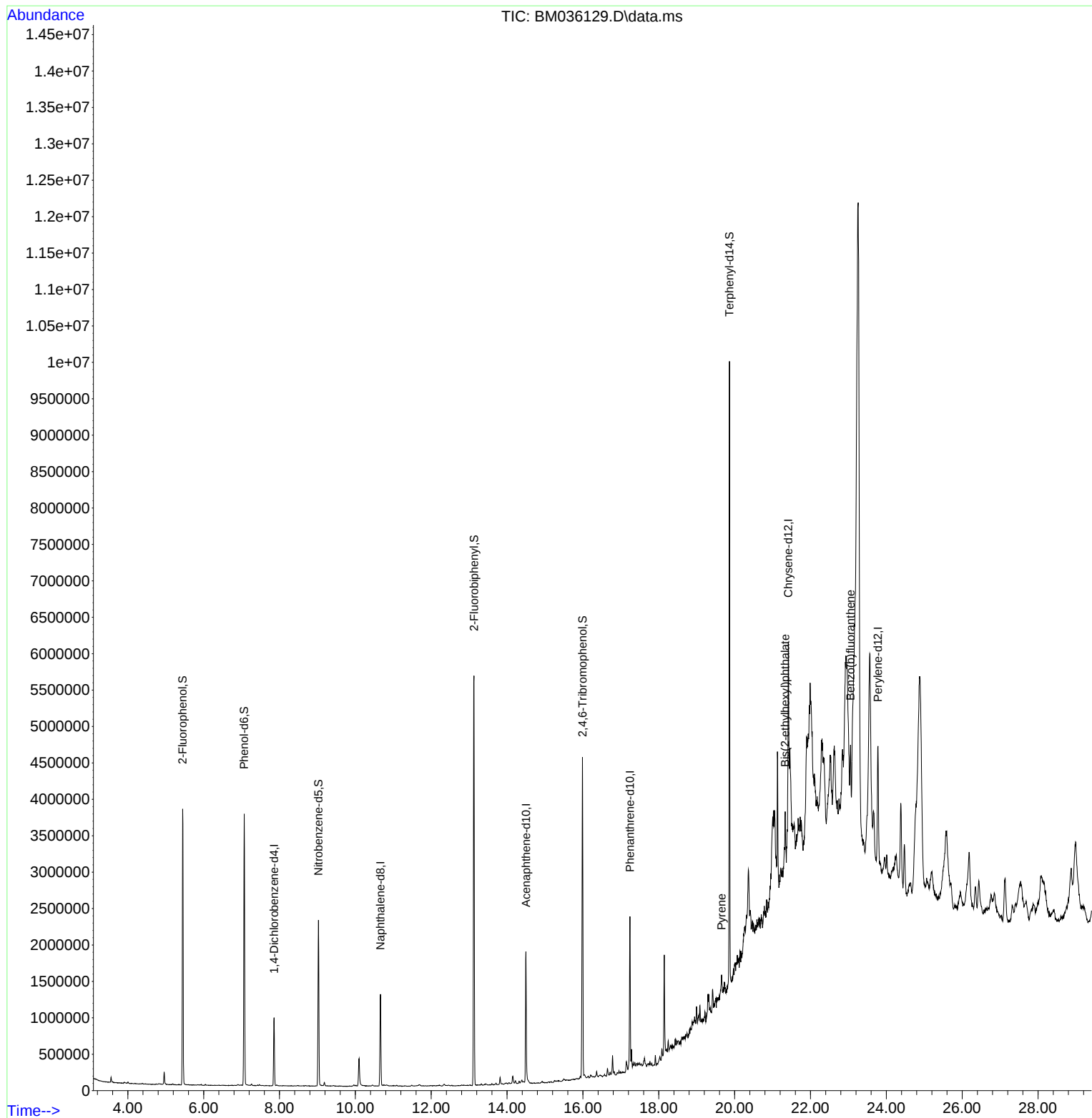
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	257807	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	1060357	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	623163	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1218340	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1081153	20.00	ng	0.00
86) Perylene-d12	23.780	264	1173732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1673013	105.21	ng	0.02
7) Phenol-d6	7.069	99	2108618	104.21	ng	0.04
23) Nitrobenzene-d5	9.028	82	1263921	66.72	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	822927	112.57	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2874999	68.12	ng	0.00
79) Terphenyl-d14	19.862	244	3893335	71.03	ng	0.00
Target Compounds						
78) Pyrene	19.656	202	168225	2.51	ng	Qvalue 99
84) Bis(2-ethylhexyl)phtha...	21.333	149	232039	5.32	ng	# 95
88) Benzo(b)fluoranthene	23.056	252	143208	2.08	ng	# 45

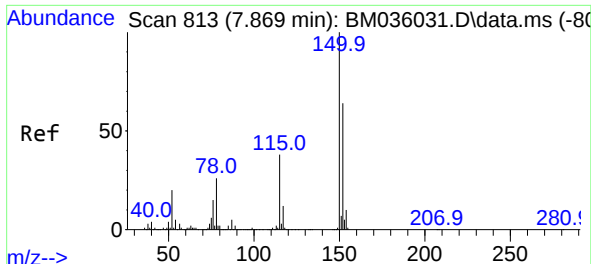
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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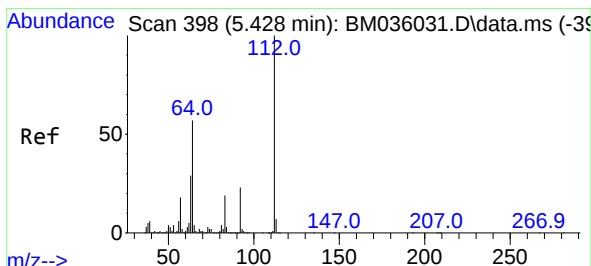
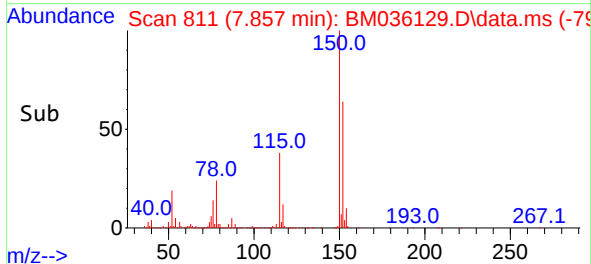
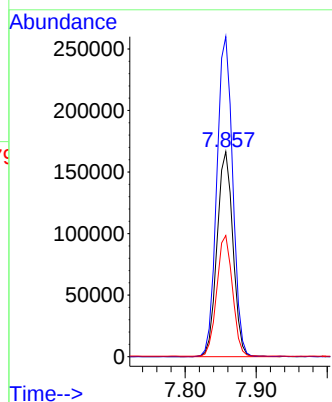
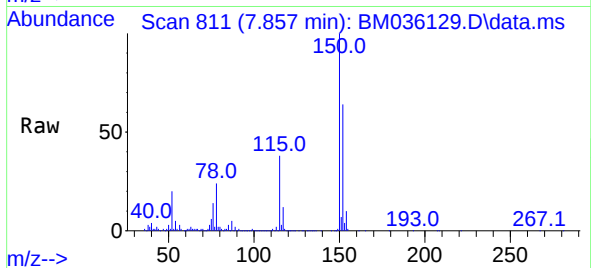




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

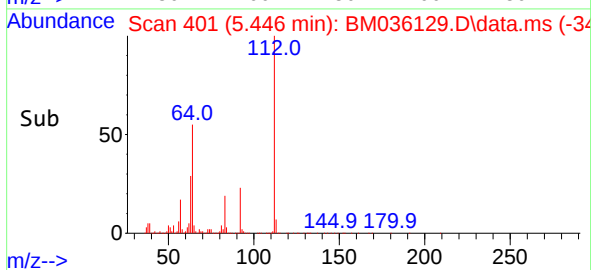
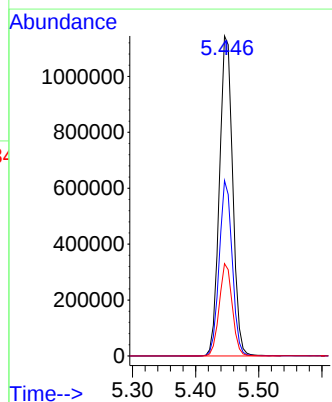
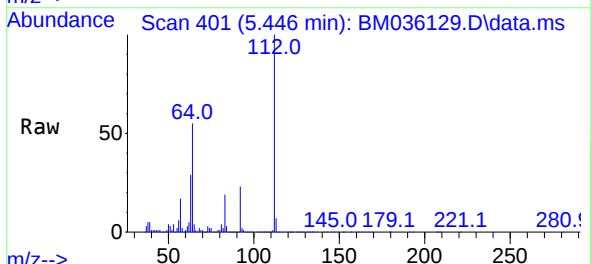
Instrument :
BNA_M
ClientSampleId :
RVE-175

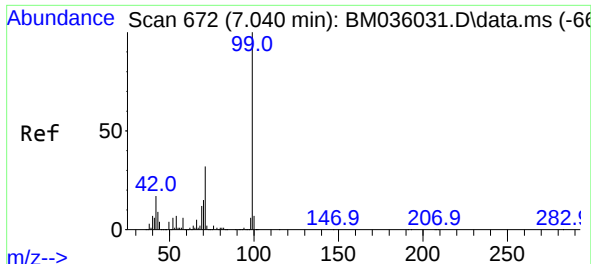
Tgt Ion:152 Resp: 257807
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 105.21 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion:112 Resp: 1673013
Ion Ratio Lower Upper
112 100
64 54.8 47.8 71.6
63 28.9 26.6 40.0

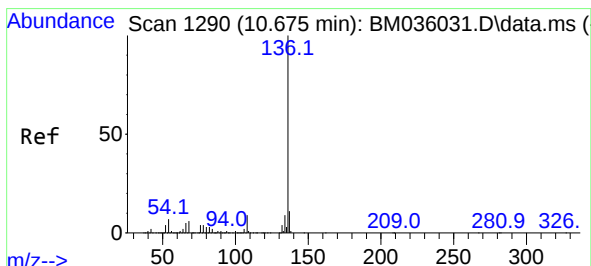
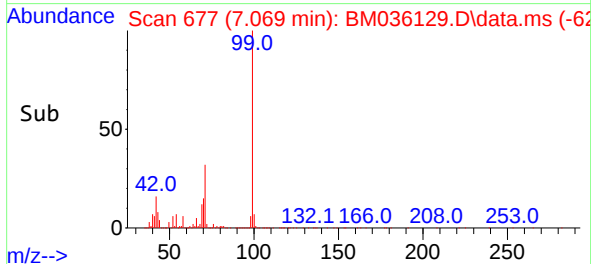
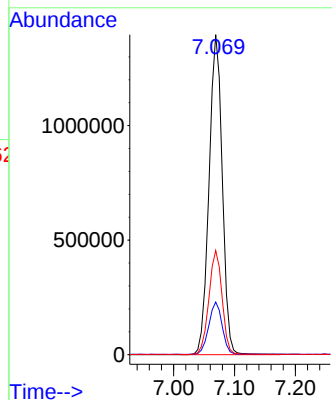
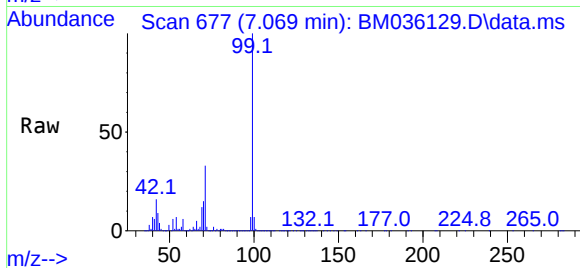




#7
Phenol-d6
Concen: 104.21 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

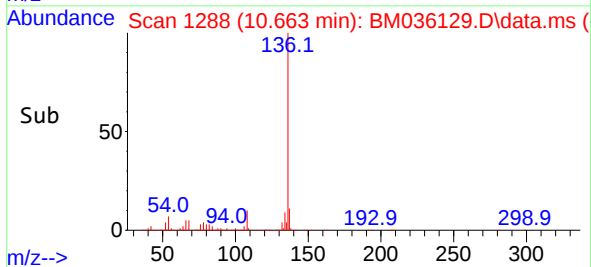
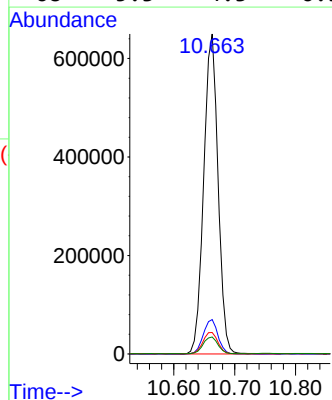
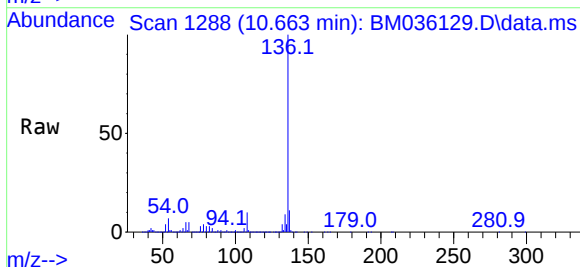
Instrument :
BNA_M
ClientSampleId :
RVE-175

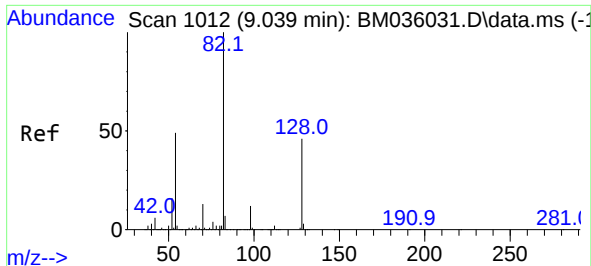
Tgt Ion: 99 Resp: 2108618
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion: 136 Resp: 1060357
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 7.0 10.4#
68 5.3 4.3 6.5

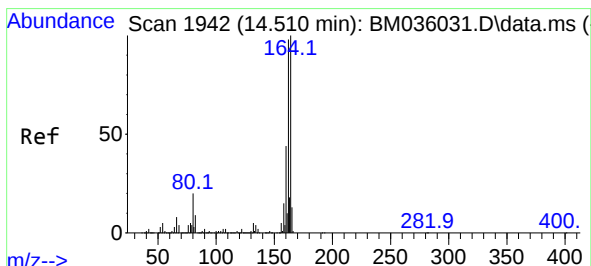
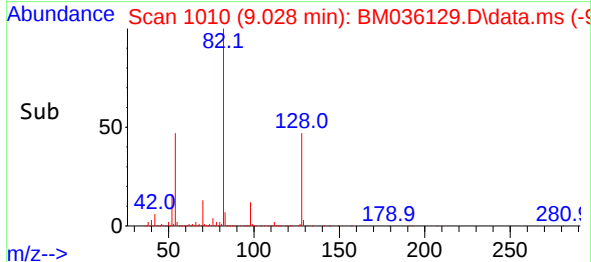
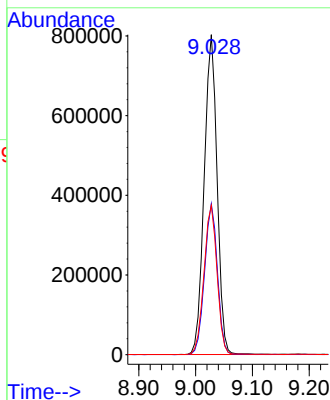
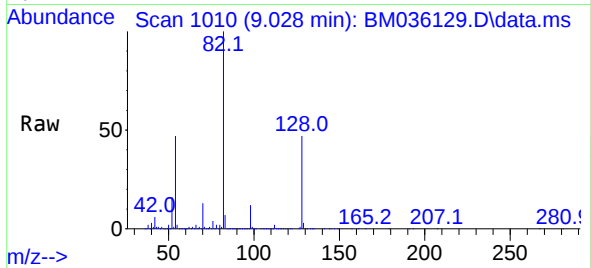




#23
Nitrobenzene-d5
Concen: 66.72 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

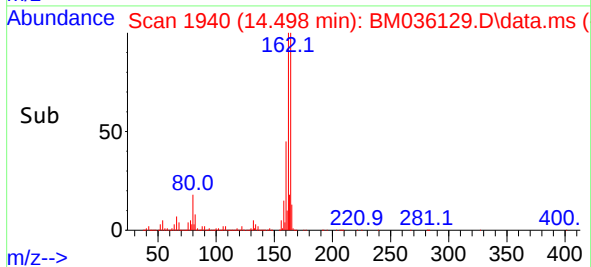
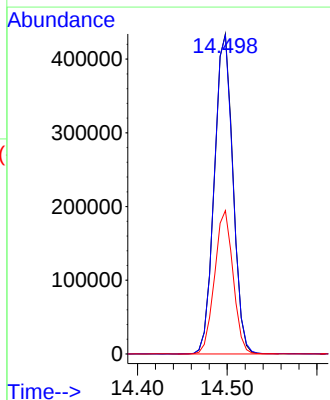
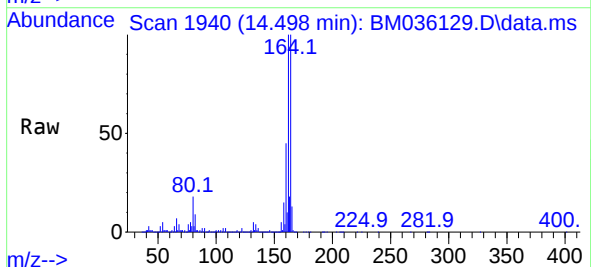
Instrument :
BNA_M
ClientSampleId :
RVE-175

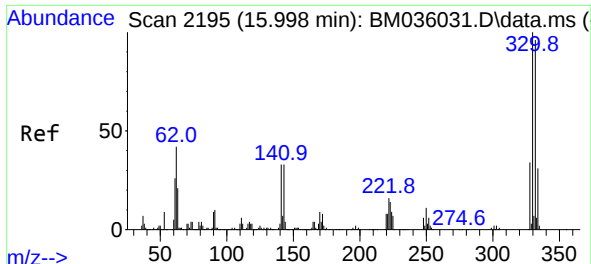
Tgt Ion: 82 Resp: 1263921
Ion Ratio Lower Upper
82 100
128 47.1 33.7 50.5
54 46.6 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion:164 Resp: 623163
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.6
160 44.8 37.0 55.4

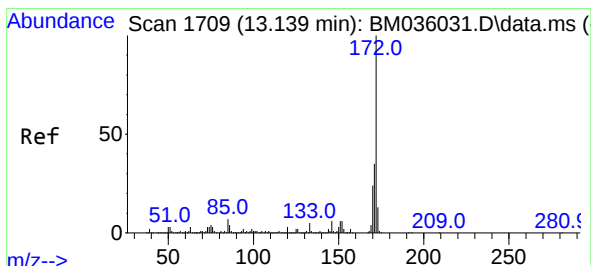
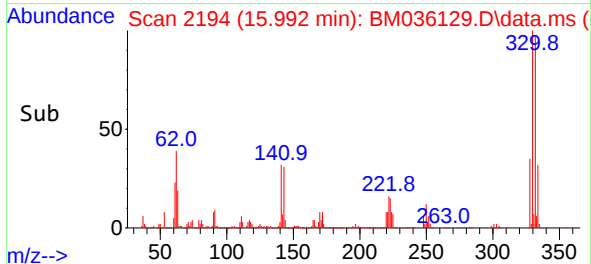
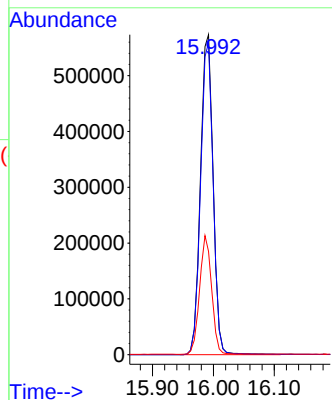
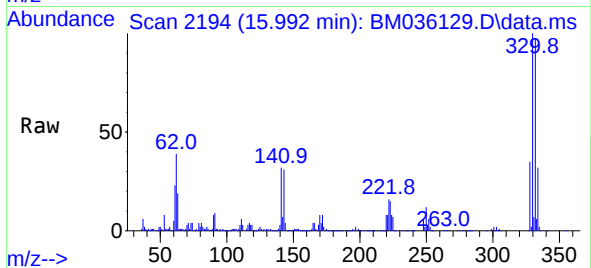




#42
2,4,6-Tribromophenol
Concen: 112.57 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

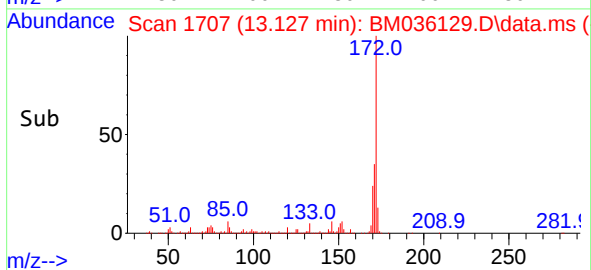
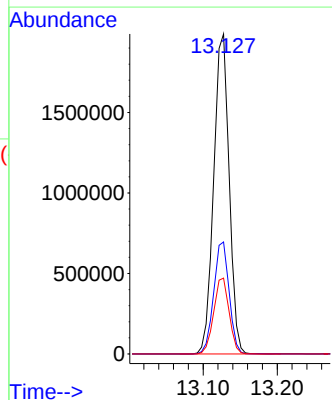
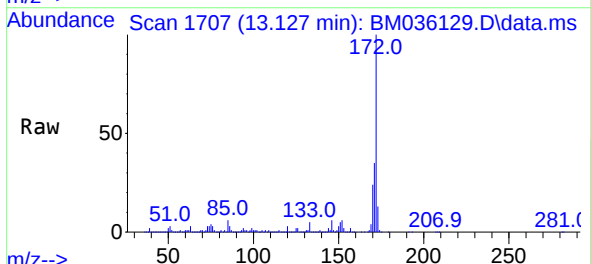
Instrument :
BNA_M
ClientSampleId :
RVE-175

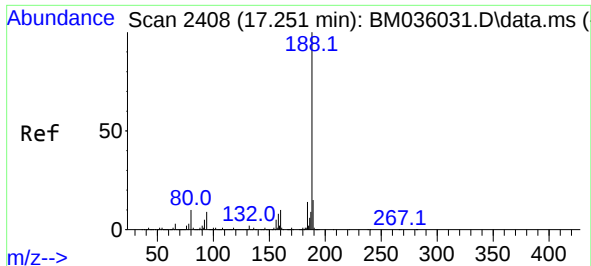
Tgt Ion:330 Resp: 822927
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 35.4 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 68.12 ng
RT: 13.127 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion:172 Resp: 2874999
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.7 18.7 28.1

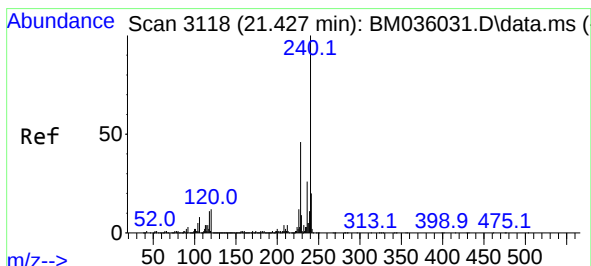
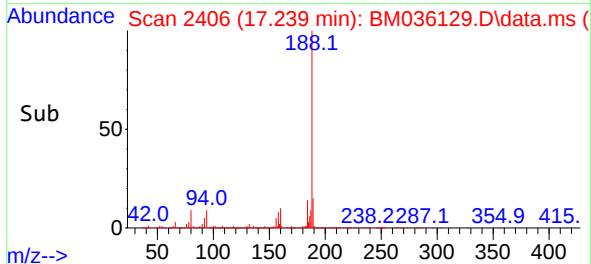
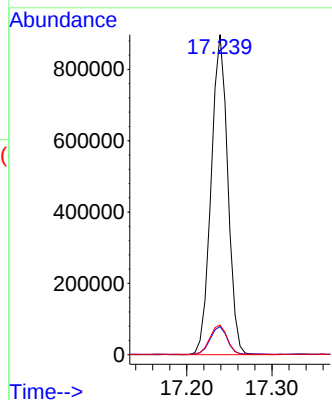
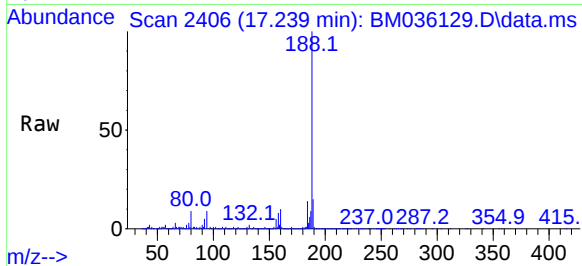




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

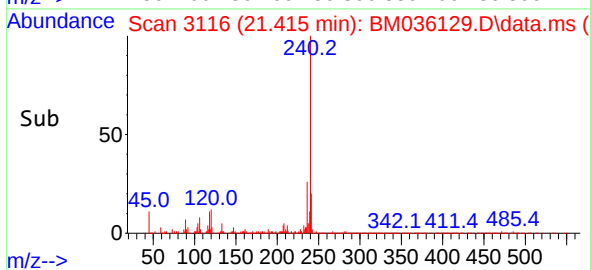
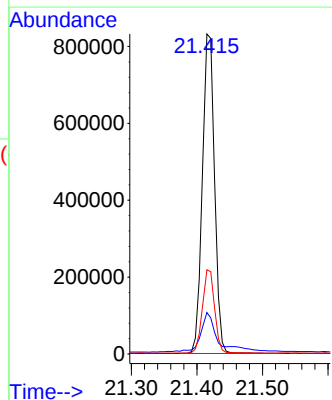
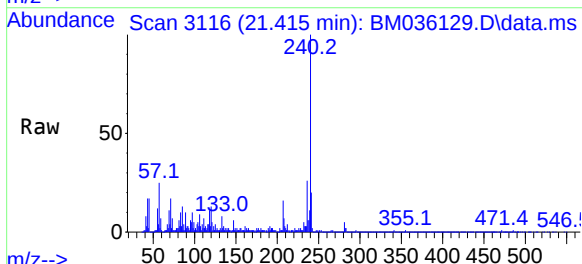
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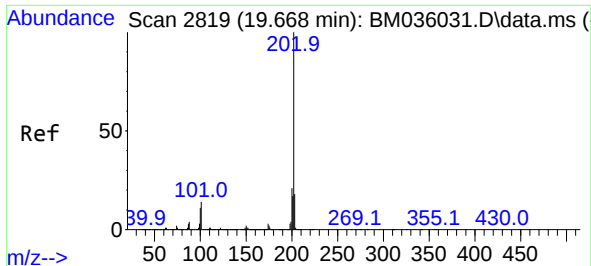
Tgt Ion:188 Resp: 1218340
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion:240 Resp: 1081153
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.0
236 26.3 20.6 30.8

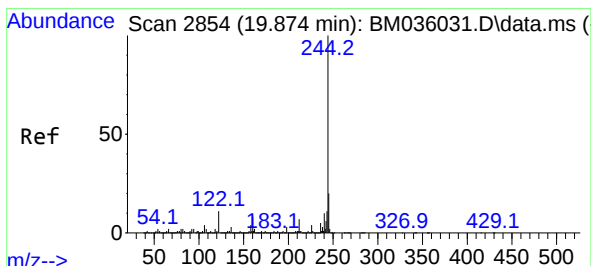
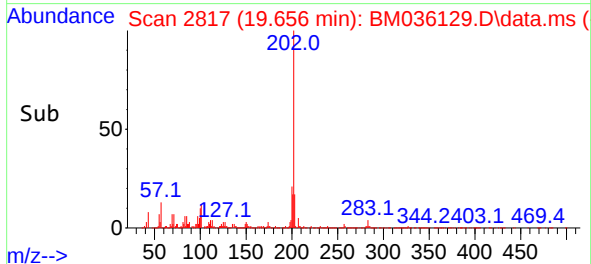
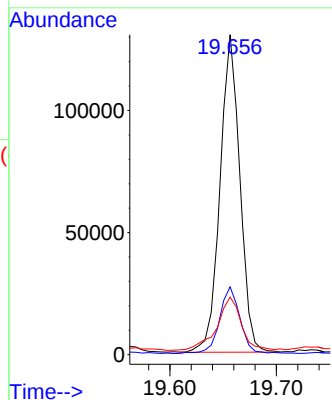
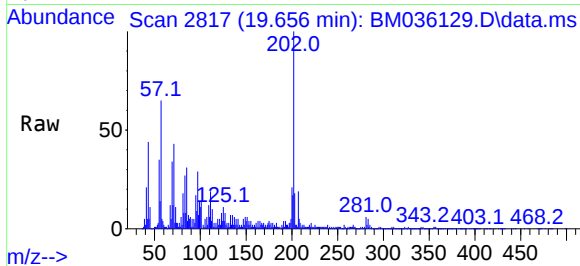




#78
Pyrene
Concen: 2.51 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

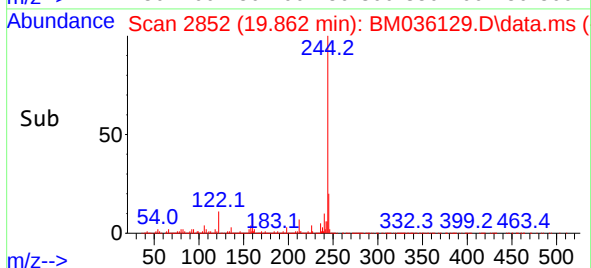
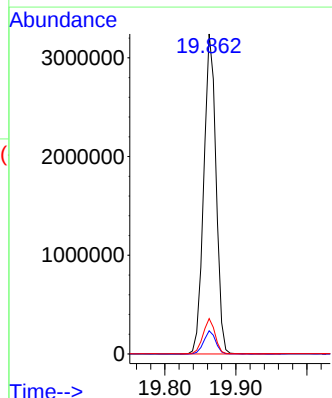
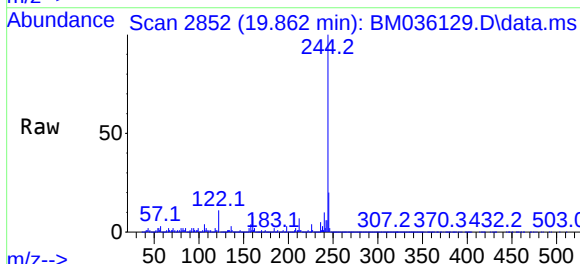
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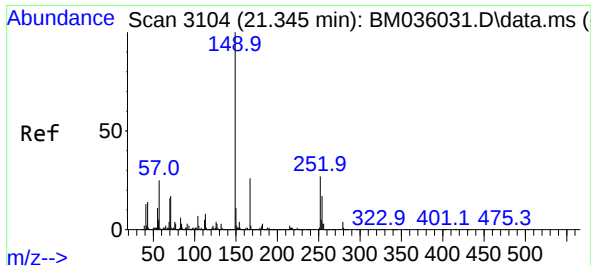
Tgt Ion:202 Resp: 168225
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.0 13.9 20.9



#79
Terphenyl-d14
Concen: 71.03 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Tgt Ion:244 Resp: 3893335
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.1 8.3 12.5

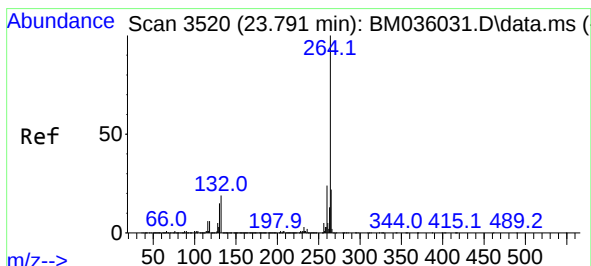
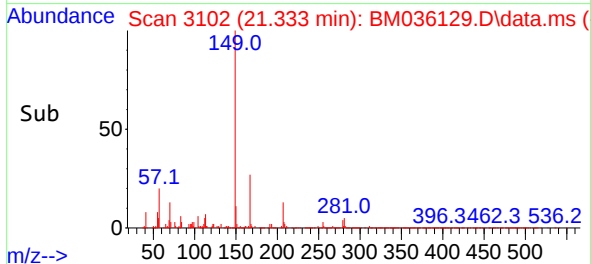
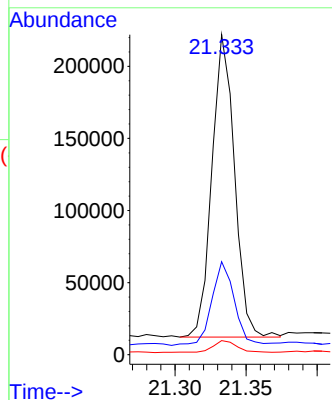
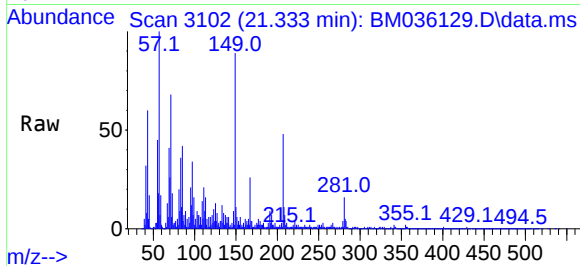




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.32 ng
RT: 21.333 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

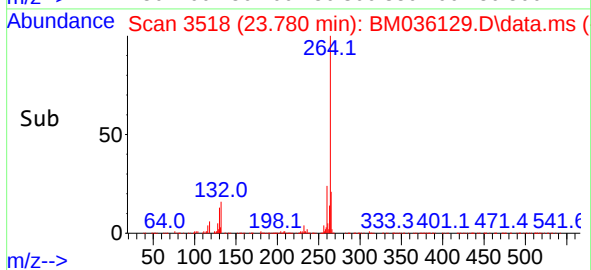
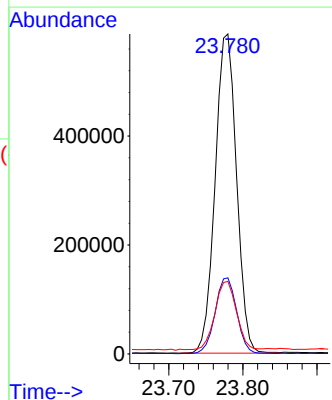
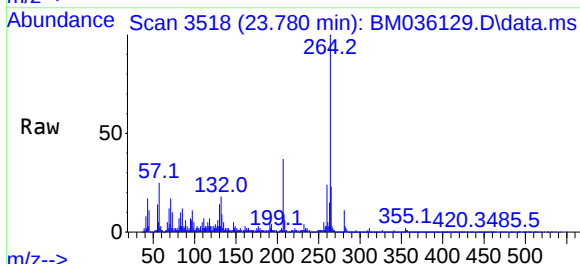
Instrument :
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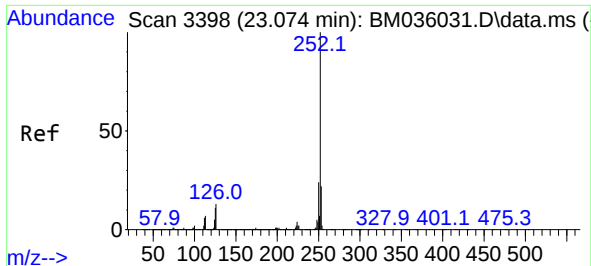
Tgt Ion:149 Resp: 232039
Ion Ratio Lower Upper
149 100
167 29.1 21.1 31.7
279 4.4 2.8 4.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

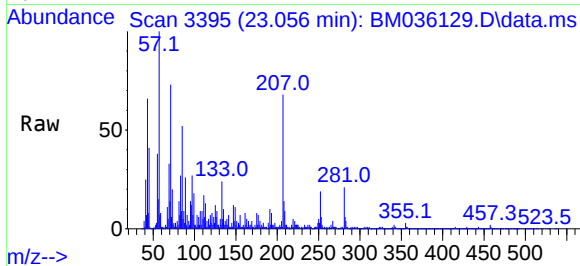
Tgt Ion:264 Resp: 1173732
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.7 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036129.D
Acq: 05 Aug 2022 21:13

Instrument :
BNA_M
ClientSampleId :
RVE-175



Tgt Ion:252 Resp: 143208
Ion Ratio Lower Upper
252 100
253 29.7 17.6 26.4#
125 62.4 7.6 11.4#

