

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036133.D
 Acq On : 05 Aug 2022 23:40
 Operator : CG/JU
 Sample : N3961-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-174

Quant Time: Aug 06 01:14:22 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)

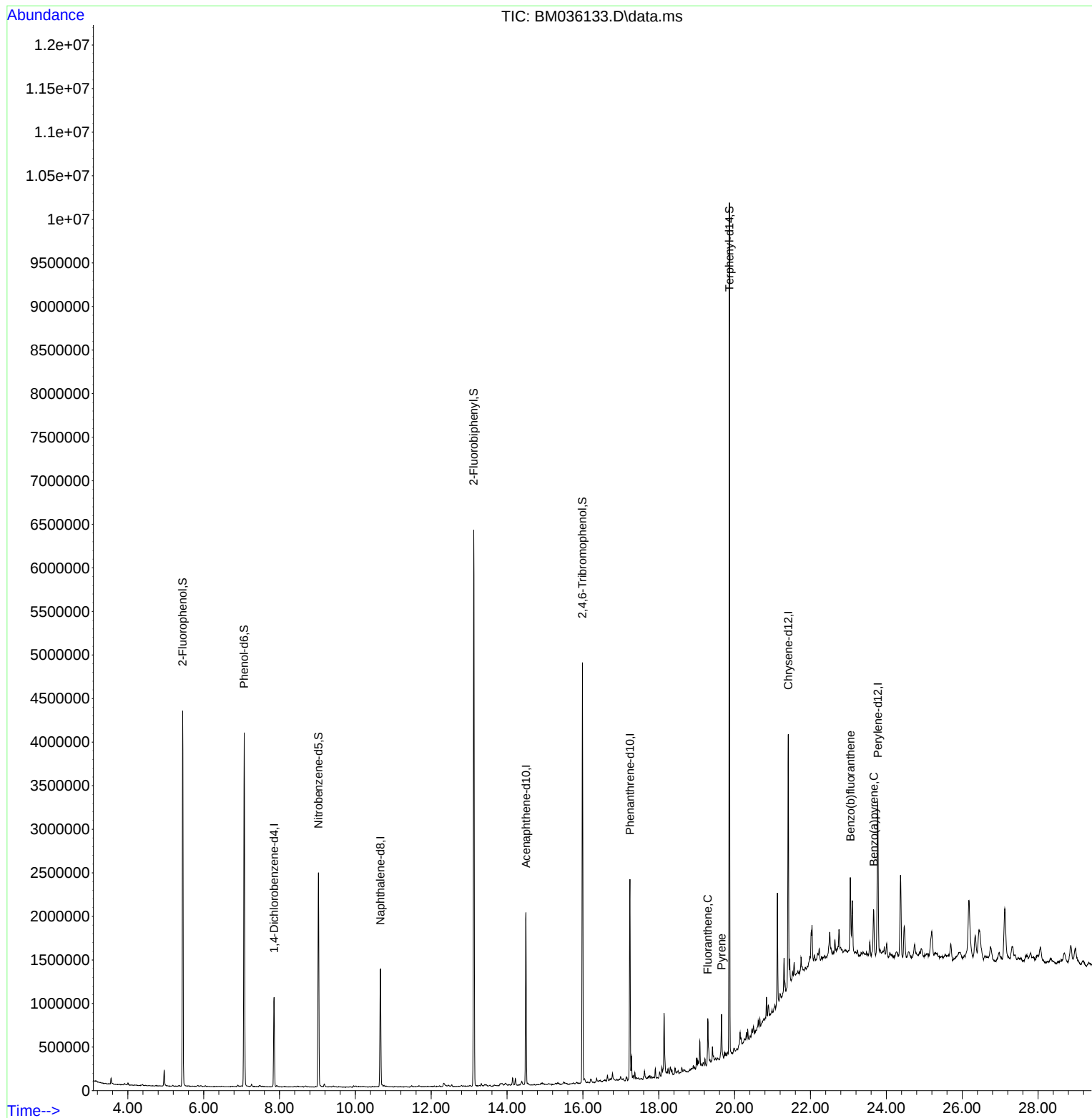
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	283076	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	1171772	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	681275	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1351068	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1227384	20.00	ng	0.00
86) Perylene-d12	23.774	264	1272927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1874989	107.39	ng	0.02
7) Phenol-d6	7.069	99	2318239	104.35	ng	0.04
23) Nitrobenzene-d5	9.028	82	1385857	66.20	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	890577	111.43	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3160540	68.50	ng	0.00
79) Terphenyl-d14	19.862	244	4497079	72.27	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.292	202	254898	3.31	ng	98
78) Pyrene	19.656	202	294653	3.87	ng	100
88) Benzo(b)fluoranthene	23.056	252	226175	3.03	ng	# 87
90) Benzo(a)pyrene	23.668	252	164672	2.63	ng	# 91

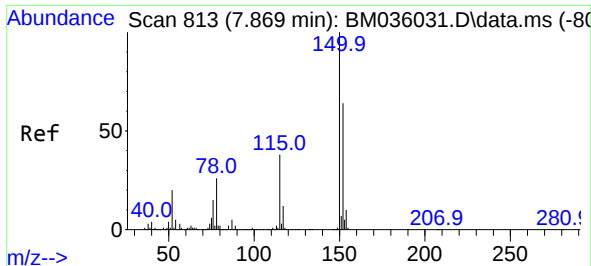
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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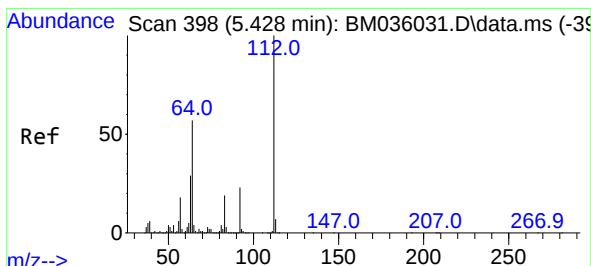
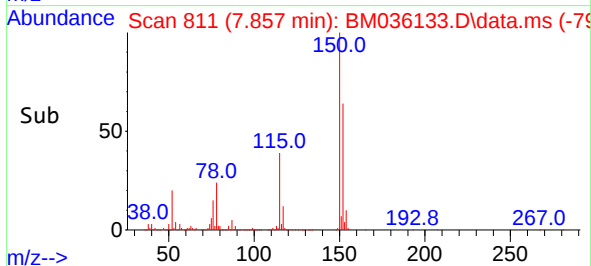
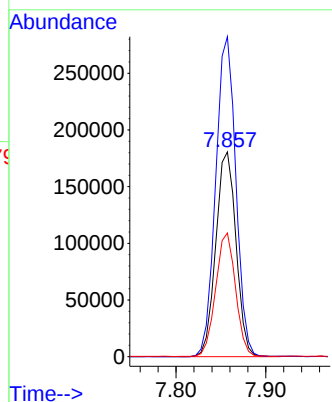
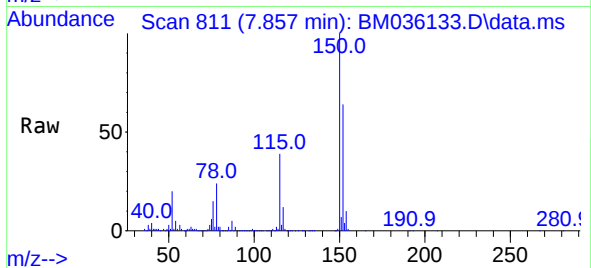




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

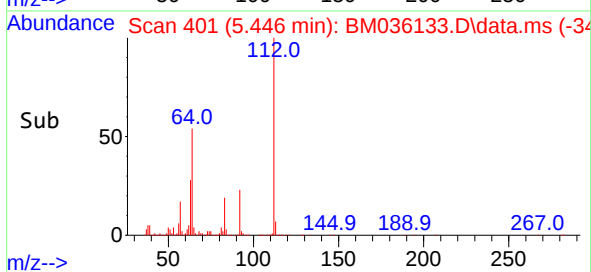
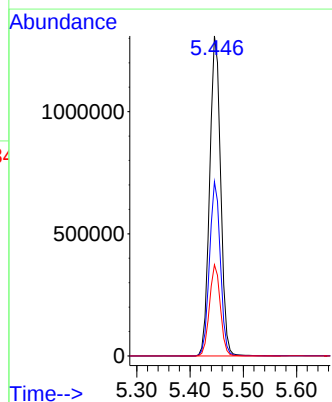
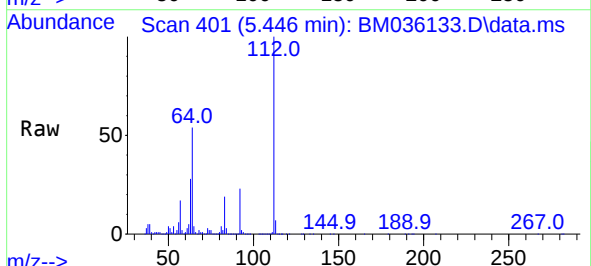
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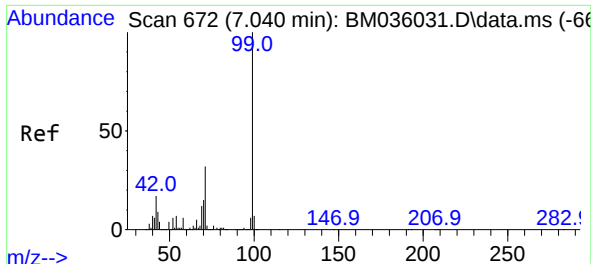
Tgt Ion:152 Resp: 283076
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 107.39 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:112 Resp: 1874989
Ion Ratio Lower Upper
112 100
64 54.5 47.8 71.6
63 28.5 26.6 40.0

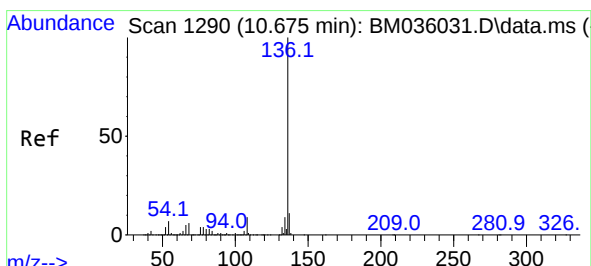
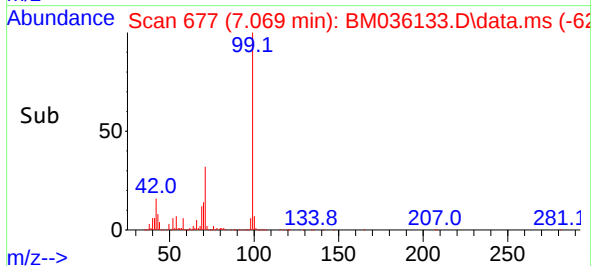
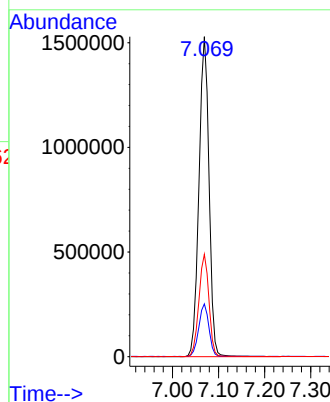
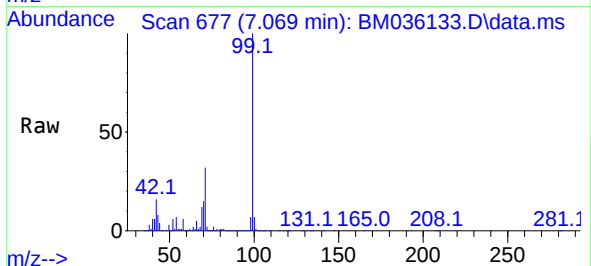




#7
Phenol-d6
Concen: 104.35 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

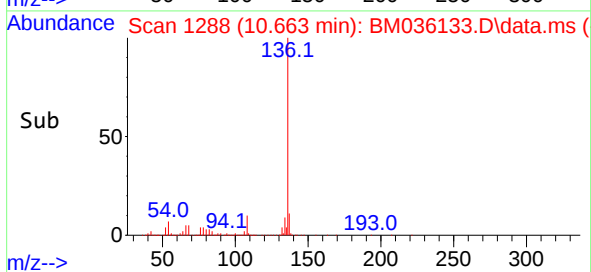
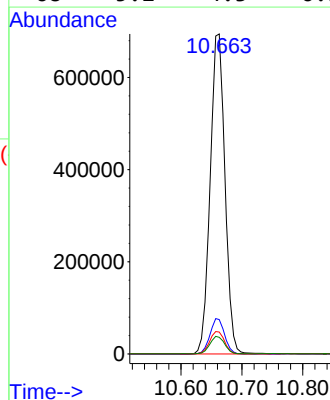
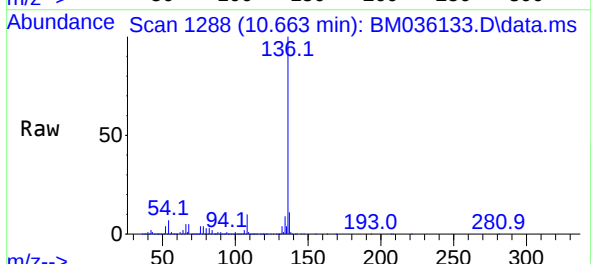
Instrument :
BNA_M
ClientSampleId :
RVE-174

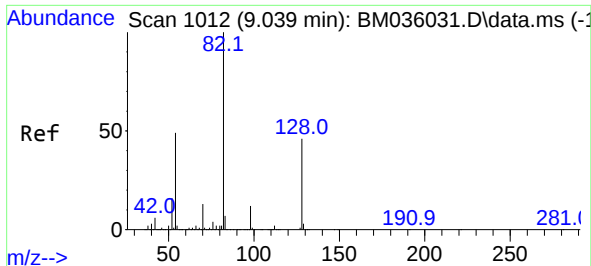
Tgt Ion: 99 Resp: 2318239
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion: 136 Resp: 1171772
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 7.0 10.4#
68 5.2 4.3 6.5

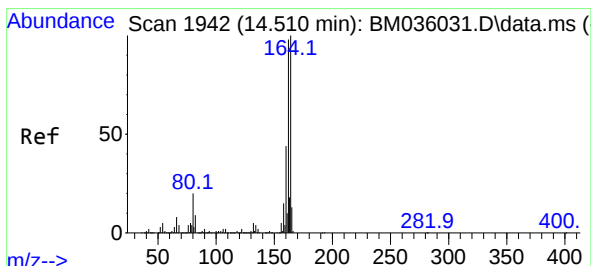
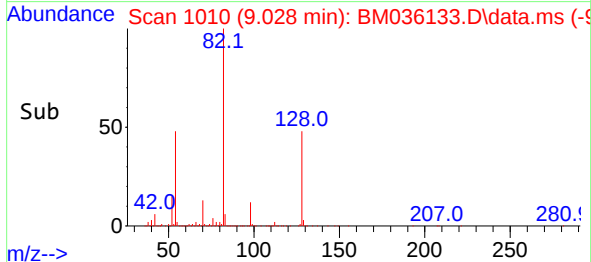
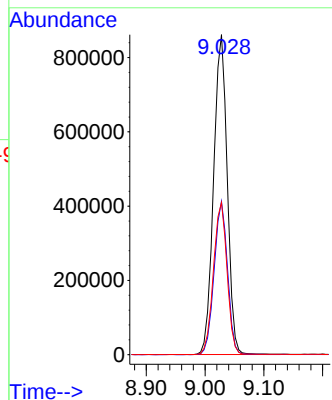
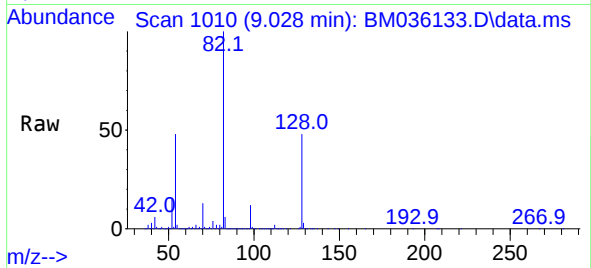




#23
Nitrobenzene-d5
Concen: 66.20 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

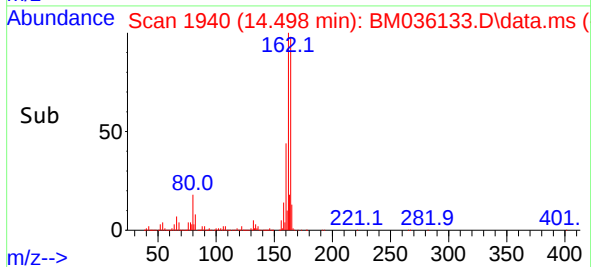
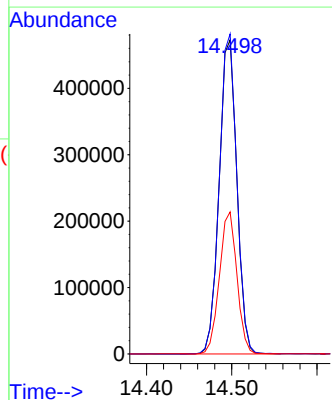
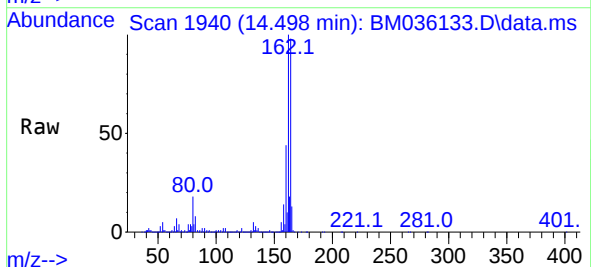
Instrument :
BNA_M
ClientSampleId :
RVE-174

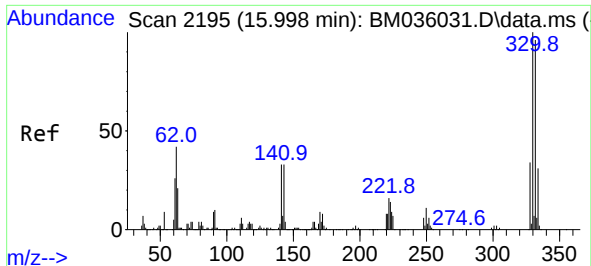
Tgt Ion: 82 Resp: 1385857
Ion Ratio Lower Upper
82 100
128 47.9 33.7 50.5
54 47.6 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion: 164 Resp: 681275
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.6
160 45.2 37.0 55.4

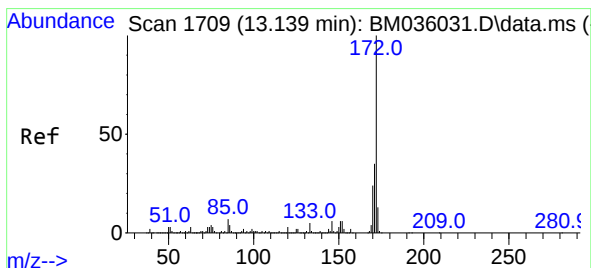
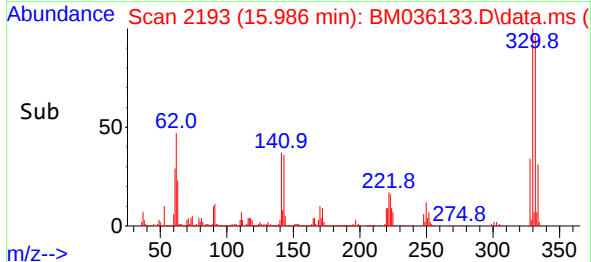
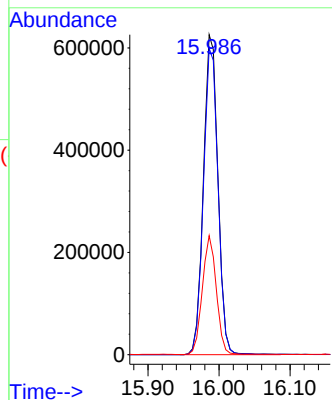
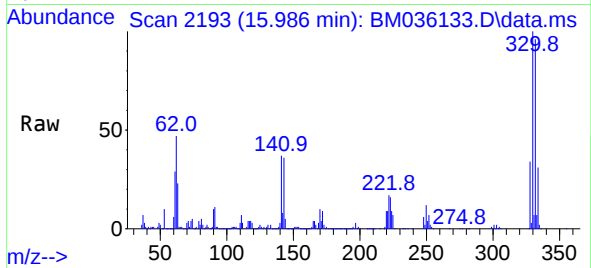




#42
2,4,6-Tribromophenol
Concen: 111.43 ng
RT: 15.986 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

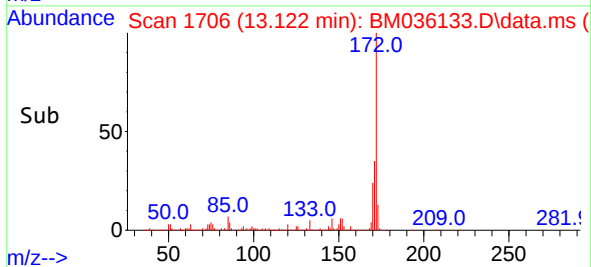
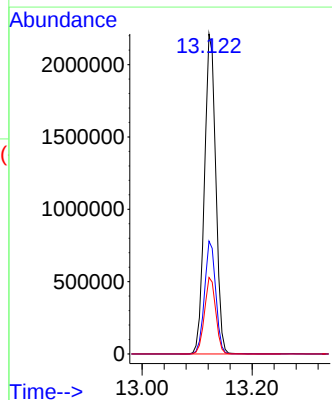
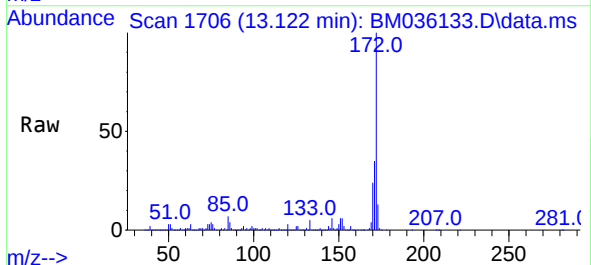
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ClientSampleId :
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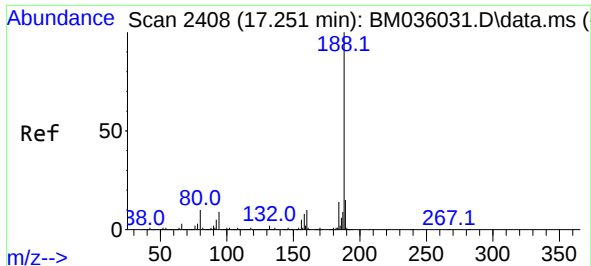
Tgt Ion:330 Resp: 890577
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 35.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 68.50 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:172 Resp: 3160540
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 18.7 28.1

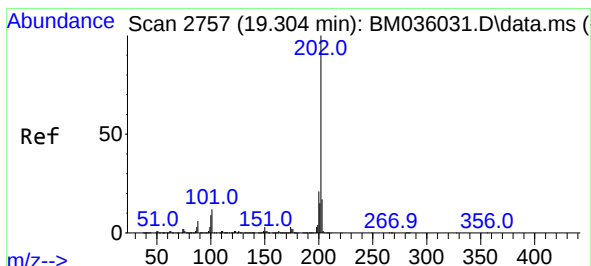
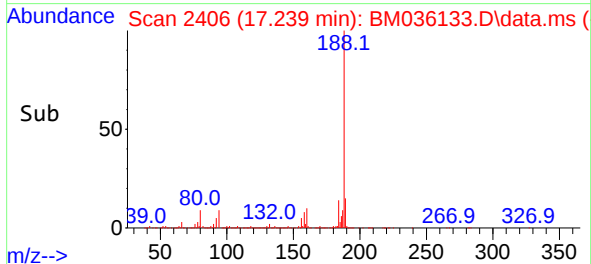
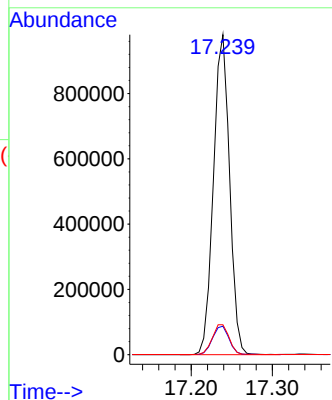
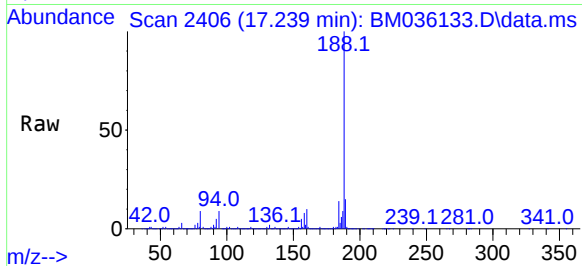




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

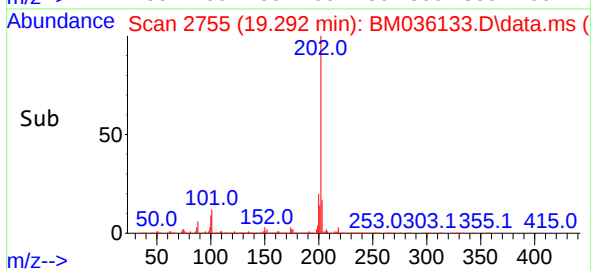
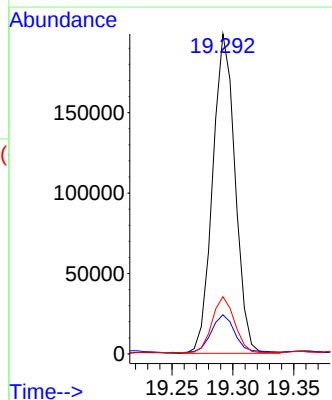
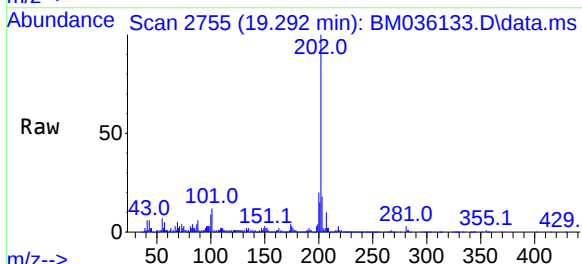
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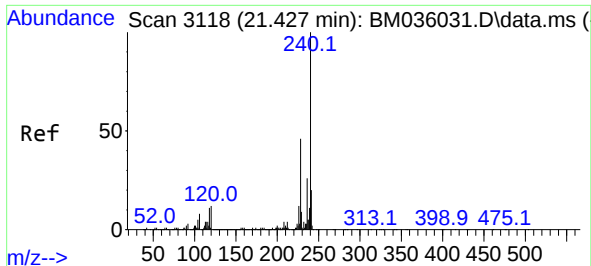
Tgt Ion:188 Resp: 1351068
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.3 7.6 11.4



#75
Fluoranthene
Concen: 3.31 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:202 Resp: 254898
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.6
203 17.9 0.0 37.4

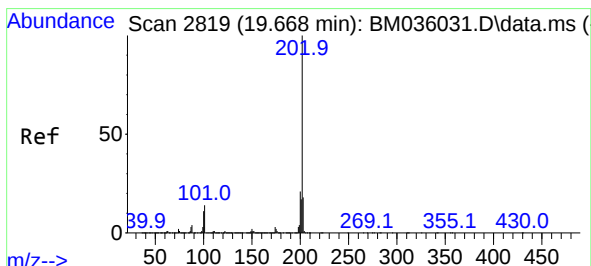
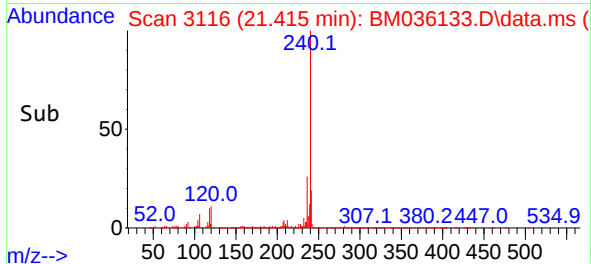
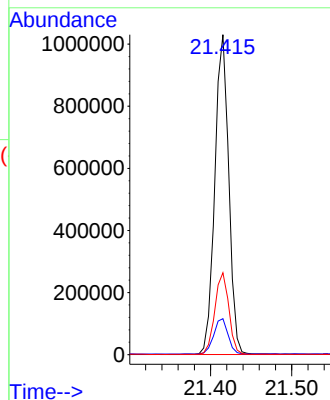
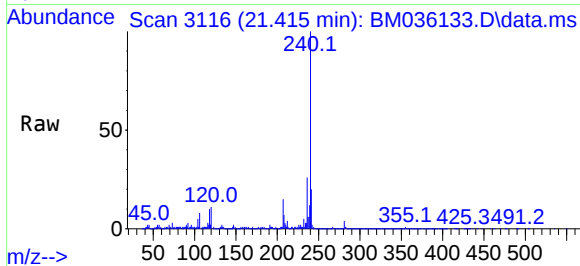




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

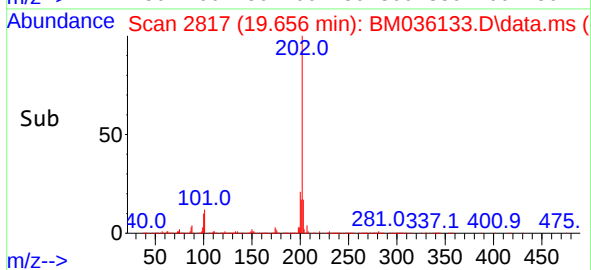
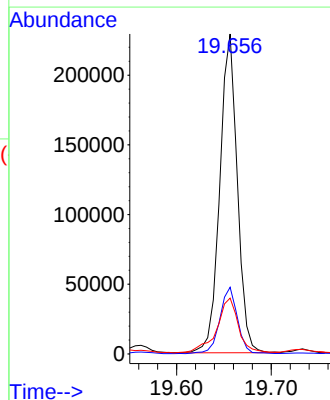
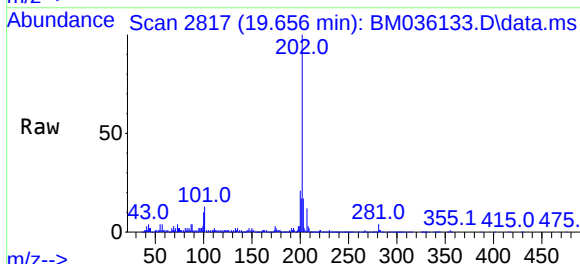
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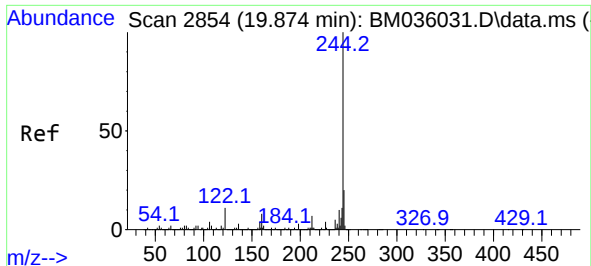
Tgt Ion:240 Resp: 1227384
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.0
236 25.6 20.6 30.8



#78
Pyrene
Concen: 3.87 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:202 Resp: 294653
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.4 13.9 20.9

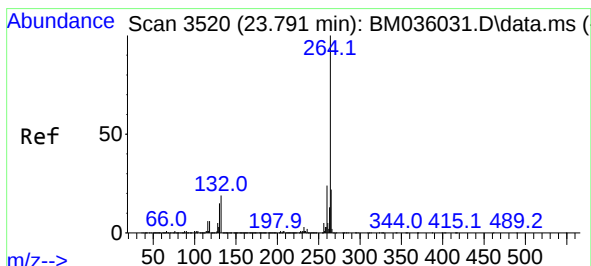
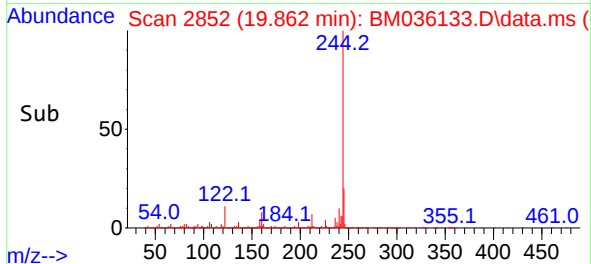
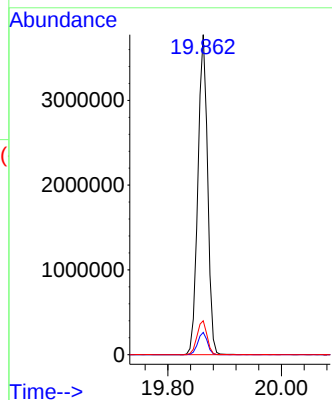
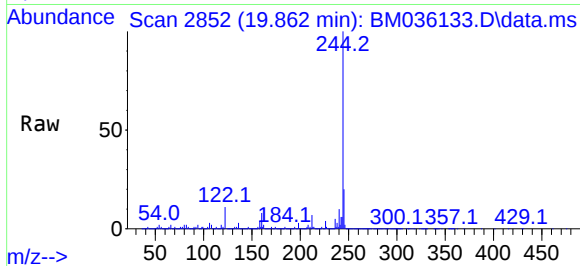




#79
 Terphenyl-d14
 Concen: 72.27 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036133.D
 Acq: 05 Aug 2022 23:40

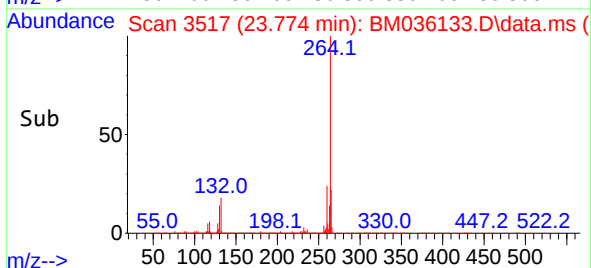
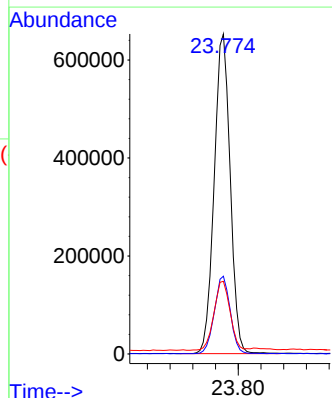
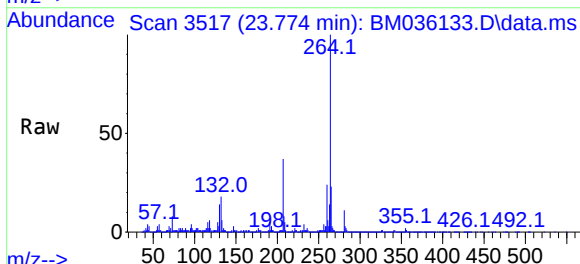
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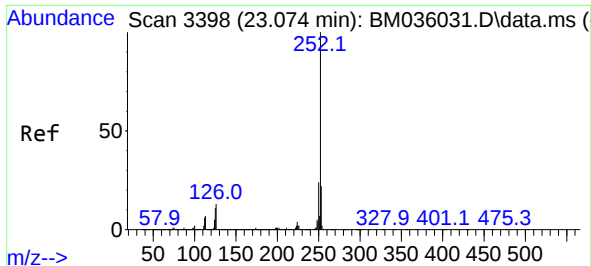
Tgt Ion:244 Resp: 4497079
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM036133.D
 Acq: 05 Aug 2022 23:40

Tgt Ion:264 Resp: 1272927
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.7 17.5 26.3

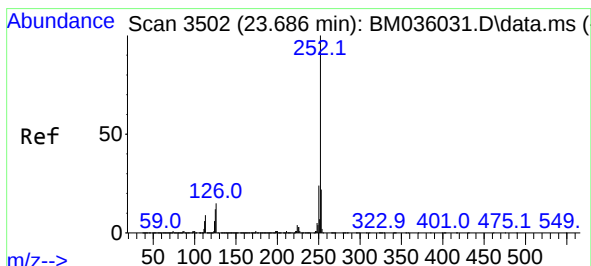
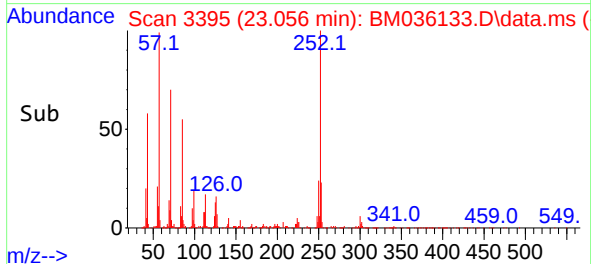
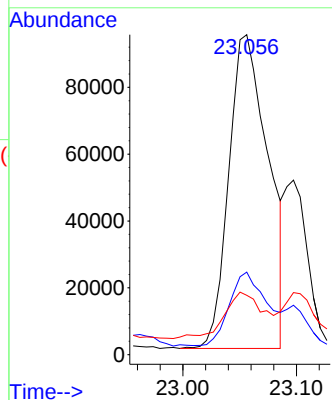
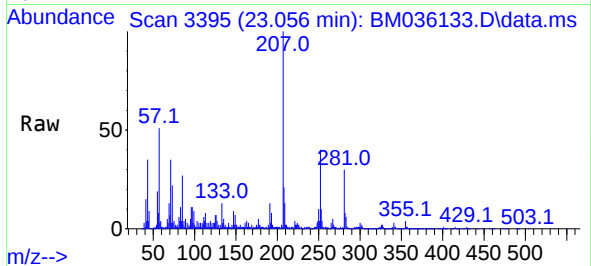




#88
Benzo(b)fluoranthene
Concen: 3.03 ng
RT: 23.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-174

Tgt Ion:252 Resp: 226175
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 18.5 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 2.63 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036133.D
Acq: 05 Aug 2022 23:40

Tgt Ion:252 Resp: 164672
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 17.1 8.7 13.1#

