

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036096.D
 Acq On : 04 Aug 2022 13:28
 Operator : CG/JU
 Sample : N3935-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-144

Quant Time: Aug 05 03:38:59 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)

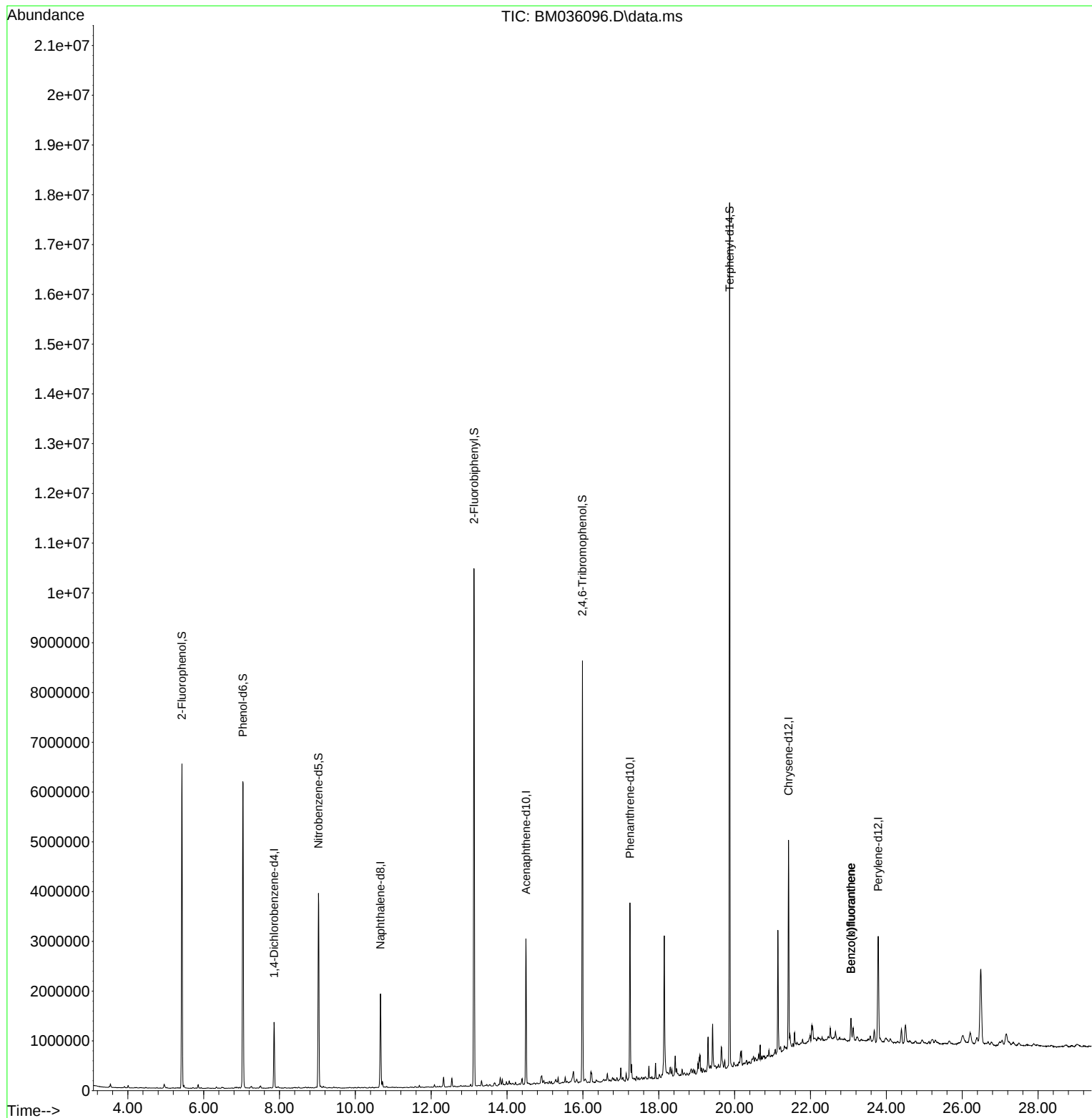
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	351846	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1540072	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	959682	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2042902	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1854530	20.000	ng	0.00
86) Perylene-d12	23.785	264	1528163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2770173	127.646	ng	0.00
7) Phenol-d6	7.034	99	3628044	131.383	ng	0.00
23) Nitrobenzene-d5	9.028	82	2223059	80.801	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1502548	133.461	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	5086452	78.255	ng	0.00
79) Terphenyl-d14	19.868	244	8016555	85.263	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.068	252	191547	2.139	ng	# 90
89) Benzo(k)fluoranthene	23.068	252	191547	2.118	ng	# 89

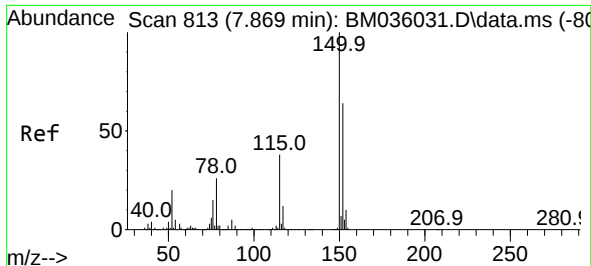
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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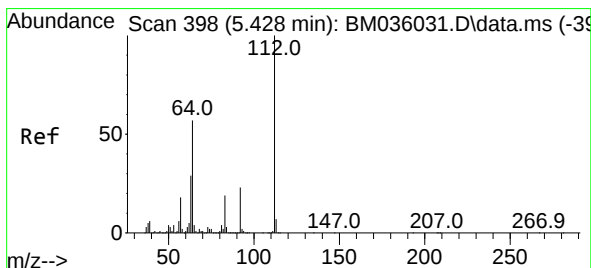
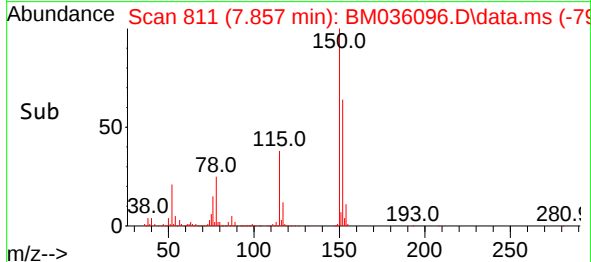
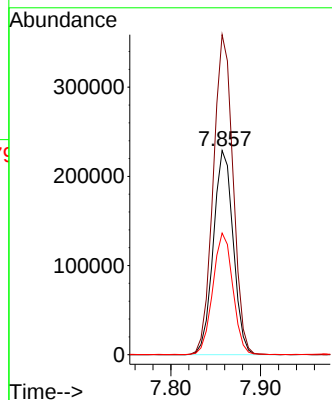
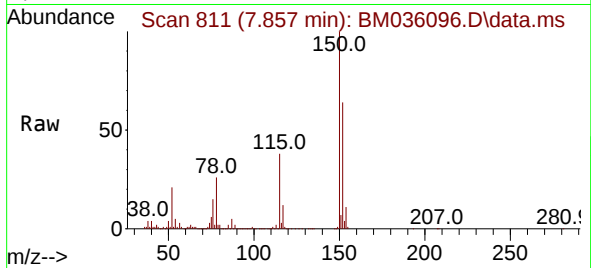




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

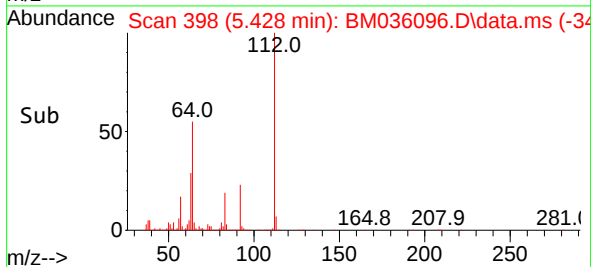
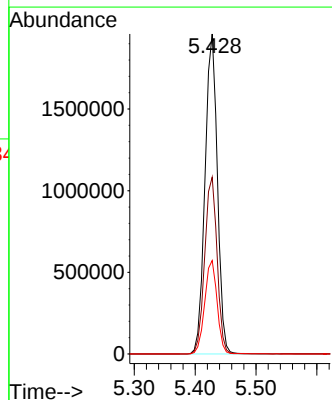
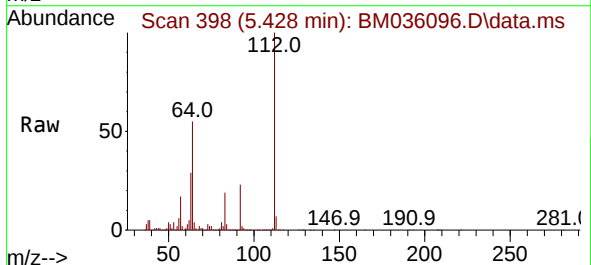
Instrument :
BNA_M
ClientSampleId :
RVE-144

Tgt Ion:152 Resp: 351846
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 59.6 47.9 71.9



#5
2-Fluorophenol
Concen: 127.646 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion:112 Resp: 2770173
Ion Ratio Lower Upper
112 100
64 55.3 47.8 71.6
63 29.2 26.6 40.0

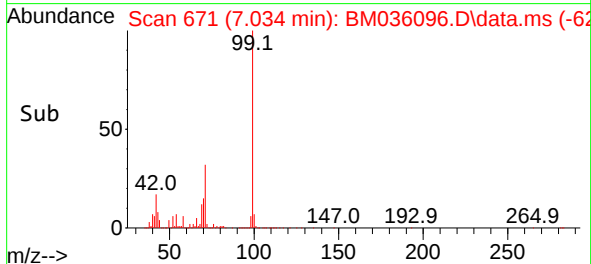
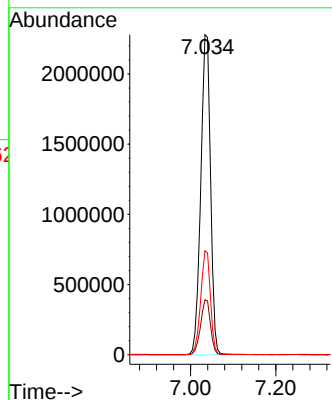
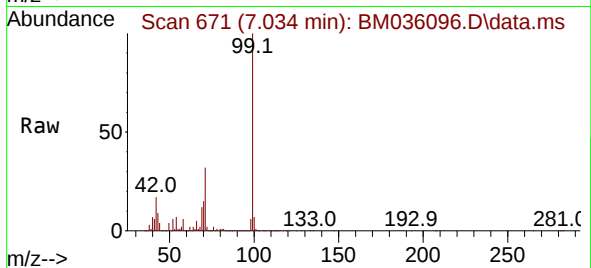




#7
Phenol-d6
Concen: 131.383 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

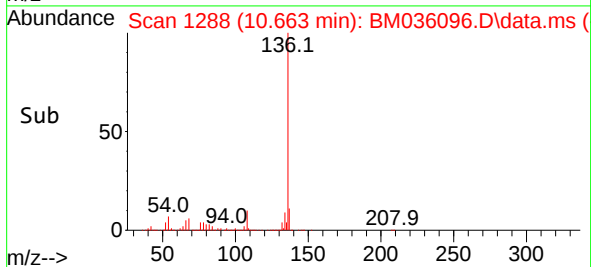
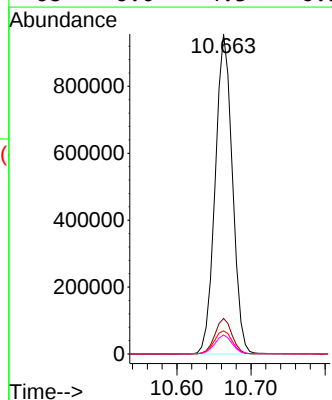
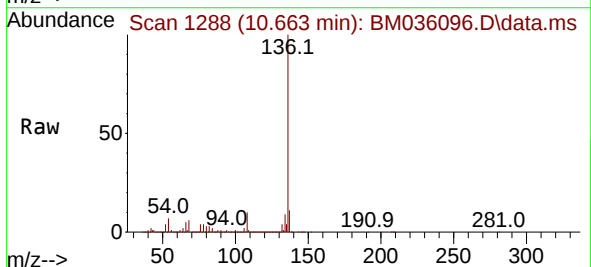
Instrument :
BNA_M
ClientSampleId :
RVE-144

Tgt Ion: 99 Resp: 3628044
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion: 136 Resp: 1540072
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.2 7.0 10.4
68 6.0 4.3 6.5

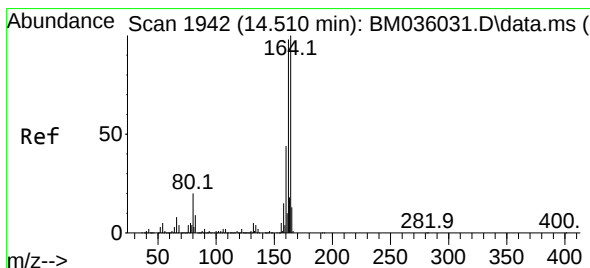
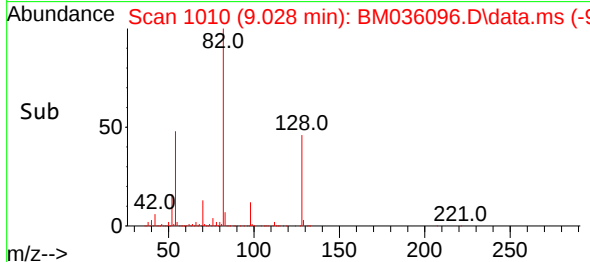
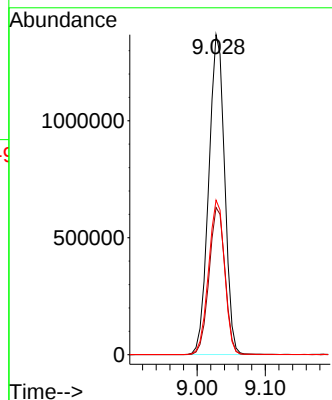
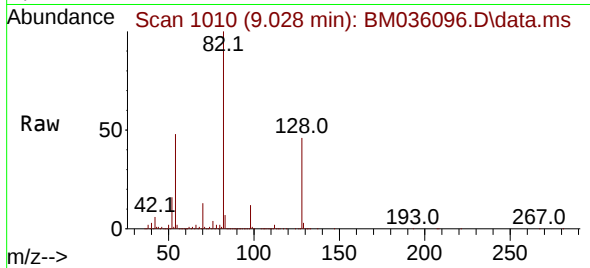




#23
Nitrobenzene-d5
Concen: 80.801 ng
RT: 9.028 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

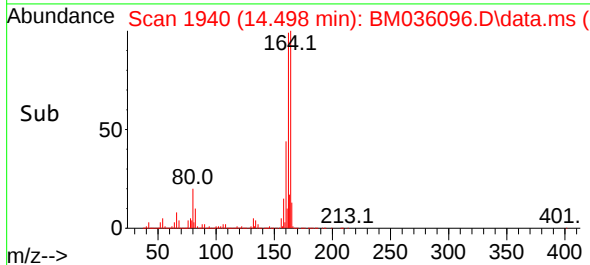
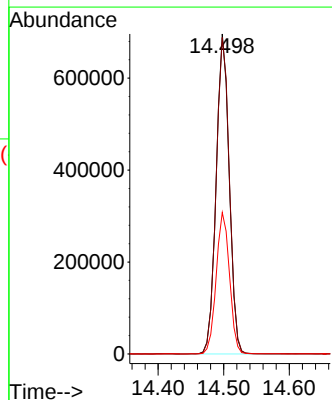
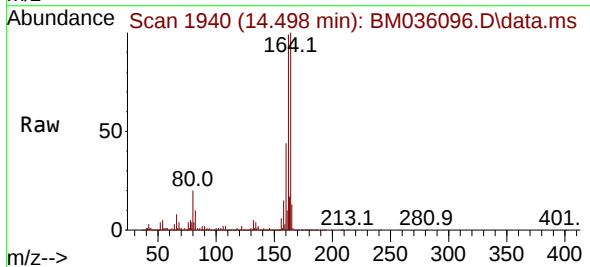
Instrument :
BNA_M
ClientSampleId :
RVE-144

Tgt Ion: 82 Resp: 2223059
Ion Ratio Lower Upper
82 100
128 46.0 33.7 50.5
54 48.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion:164 Resp: 959682
Ion Ratio Lower Upper
164 100
162 98.9 83.0 124.6
160 44.2 37.0 55.4

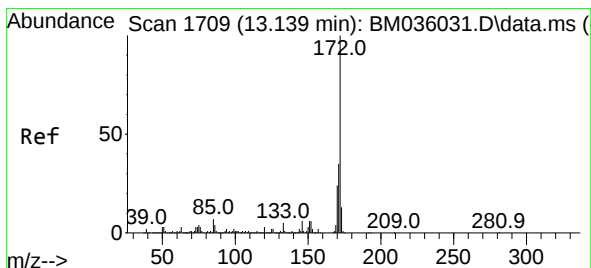
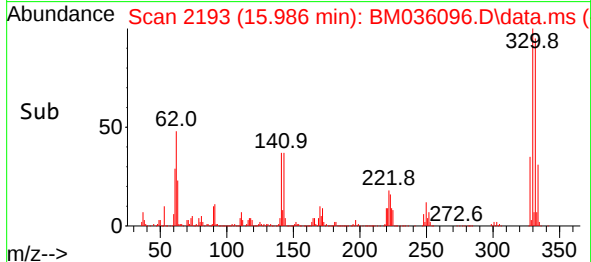
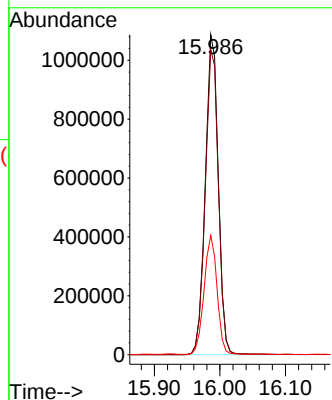
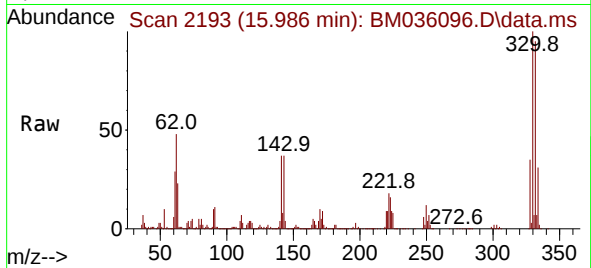




#42
2,4,6-Tribromophenol
Concen: 133.461 ng
RT: 15.986 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

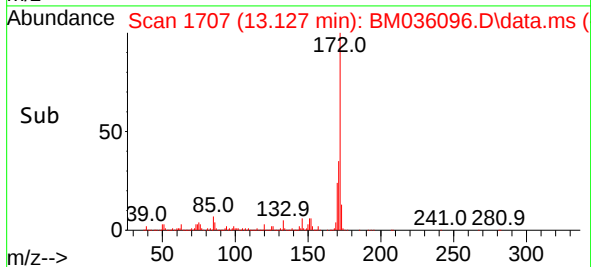
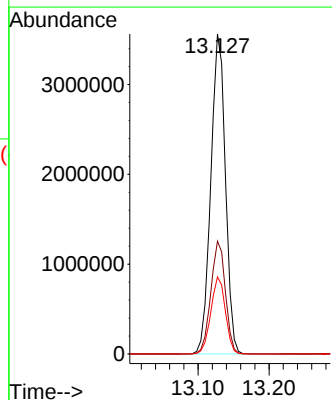
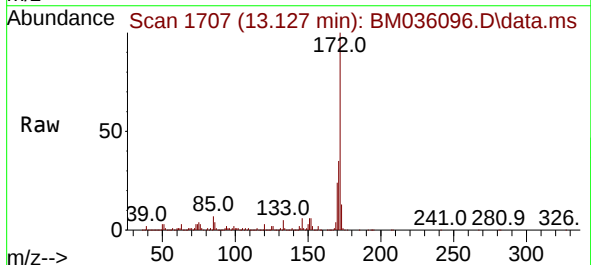
Instrument :
BNA_M
ClientSampleId :
RVE-144

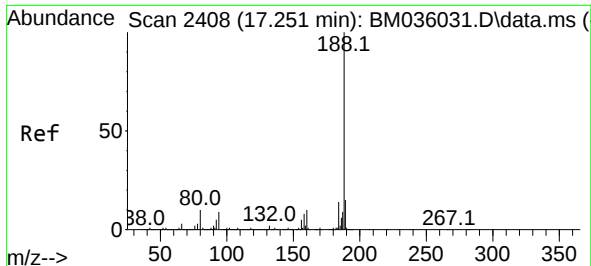
Tgt Ion:330 Resp: 1502548
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 37.0 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 78.255 ng
RT: 13.127 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion:172 Resp: 5086452
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 18.7 28.1

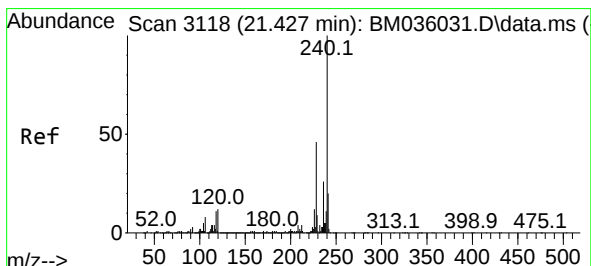
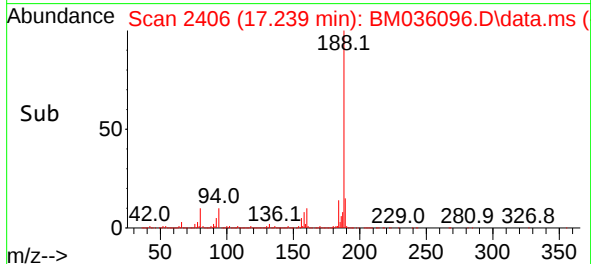
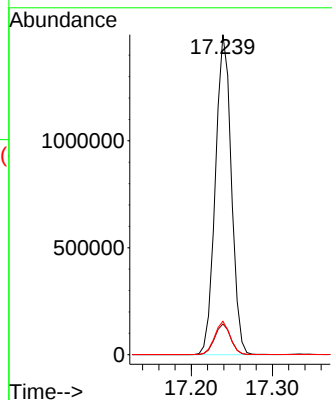
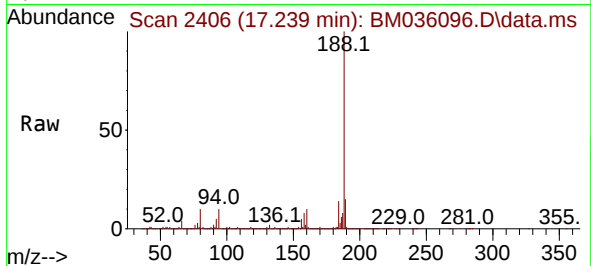




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

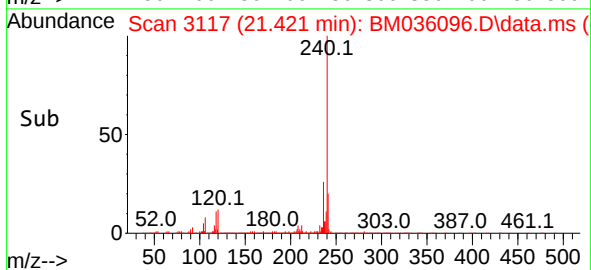
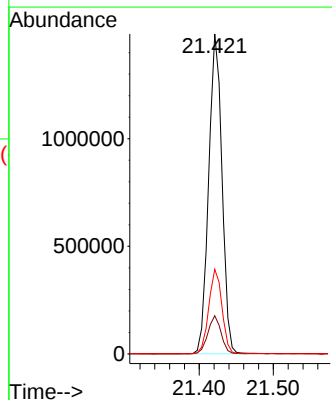
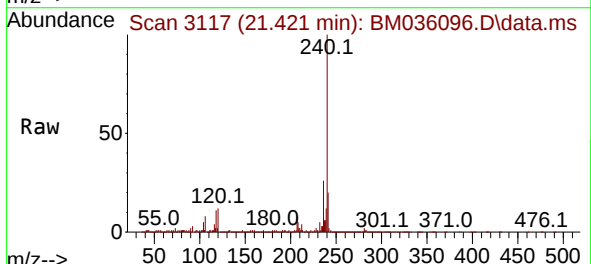
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ClientSampleId :
RVE-144

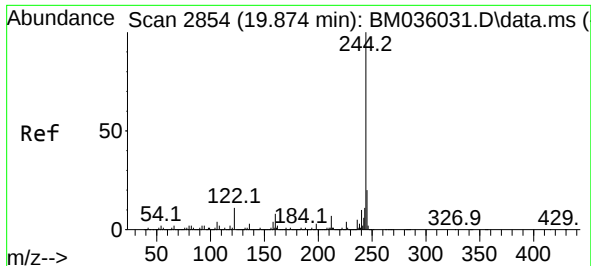
Tgt Ion:188 Resp: 2042902
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion:240 Resp: 1854530
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.0
236 26.4 20.6 30.8

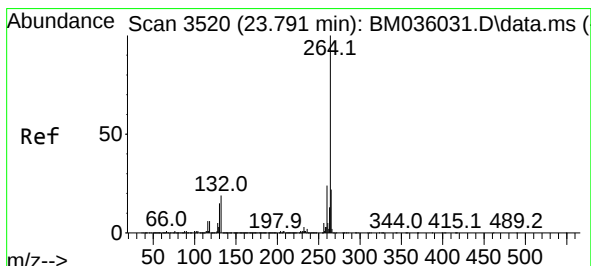
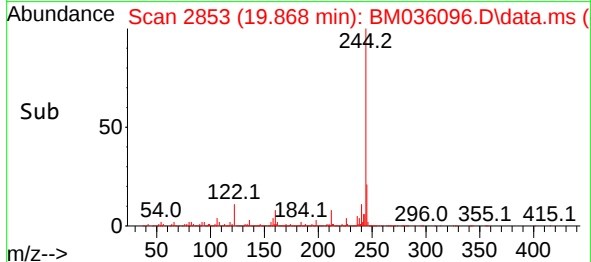
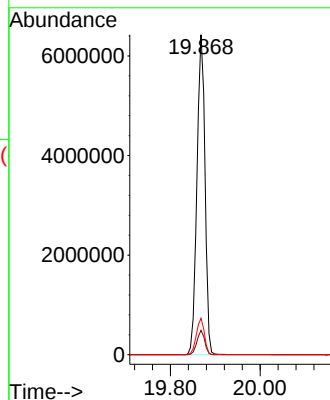
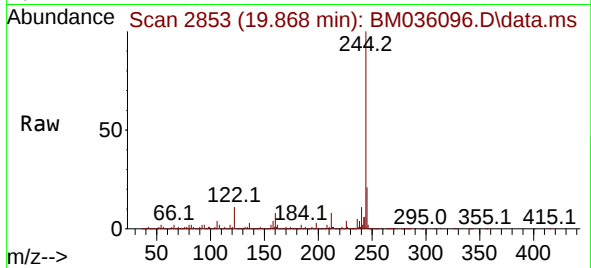




#79
 Terphenyl-d14
 Concen: 85.263 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036096.D
 Acq: 04 Aug 2022 13:28

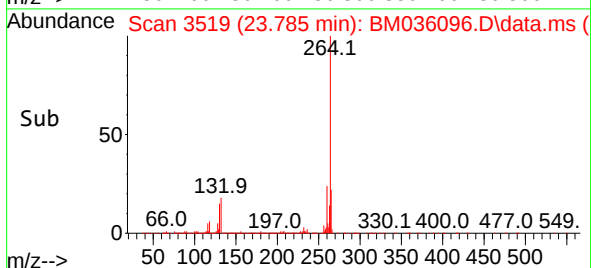
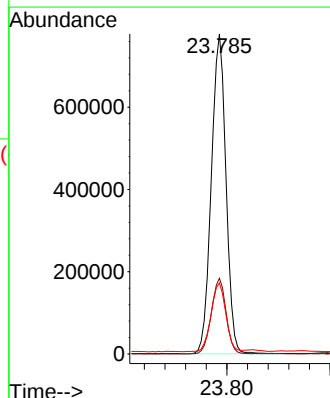
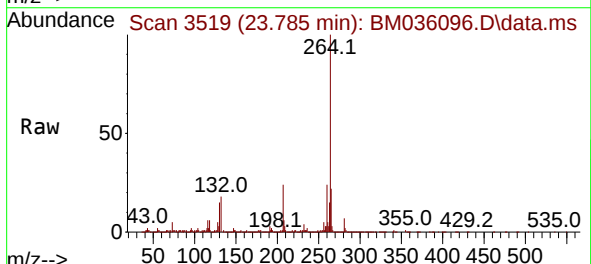
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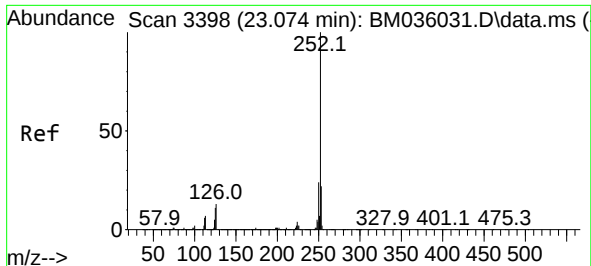
Tgt Ion:244 Resp: 8016555
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.785 min Scan# 3519
 Delta R.T. -0.000 min
 Lab File: BM036096.D
 Acq: 04 Aug 2022 13:28

Tgt Ion:264 Resp: 1528163
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.2 17.5 26.3

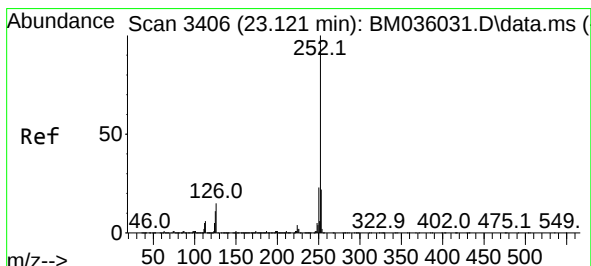
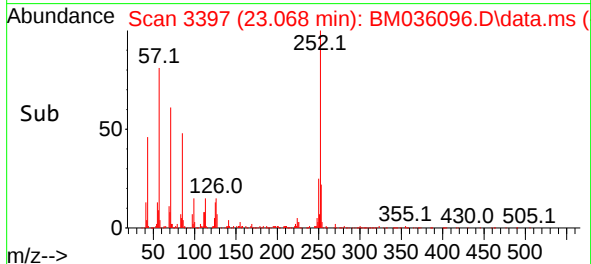
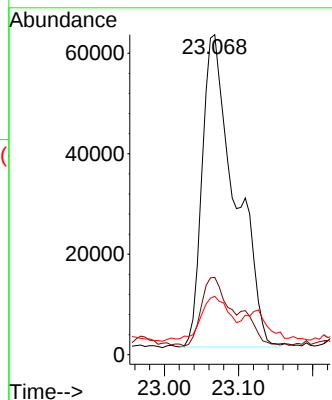
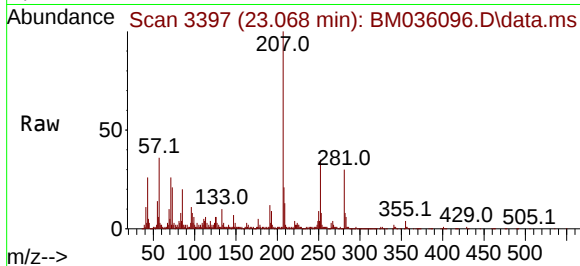




#88
Benzo(b)fluoranthene
Concen: 2.139 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Instrument :
BNA_M
ClientSampleId :
RVE-144

Tgt Ion:252 Resp: 191547
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 18.3 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 2.118 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.047 min
Lab File: BM036096.D
Acq: 04 Aug 2022 13:28

Tgt Ion:252 Resp: 191547
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 18.3 7.6 11.4#

