

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
 Data File : BM034034.D
 Acq On : 09 Feb 2022 19:32
 Operator : CG/JU
 Sample : SP5811
 Misc : 625 SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5811

Quant Time: Feb 10 04:07:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 09 17:52:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	153887	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	561847	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	324315	20.000	ng	0.00
64) Phenanthrene-d10	17.270	188	624786	20.000	ng	0.00
76) Chrysene-d12	21.437	240	457524	20.000	ng	# 0.00
86) Perylene-d12	23.825	264	425645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	1042192	109.659	ng	0.00
7) Phenol-d6	7.066	99	1276414	110.169	ng	0.00
23) Nitrobenzene-d5	9.071	82	1210553	101.205	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	372387	103.727	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	2781571	112.607	ng	0.00
79) Terphenyl-d14	19.883	244	2445462	105.711	ng	0.00

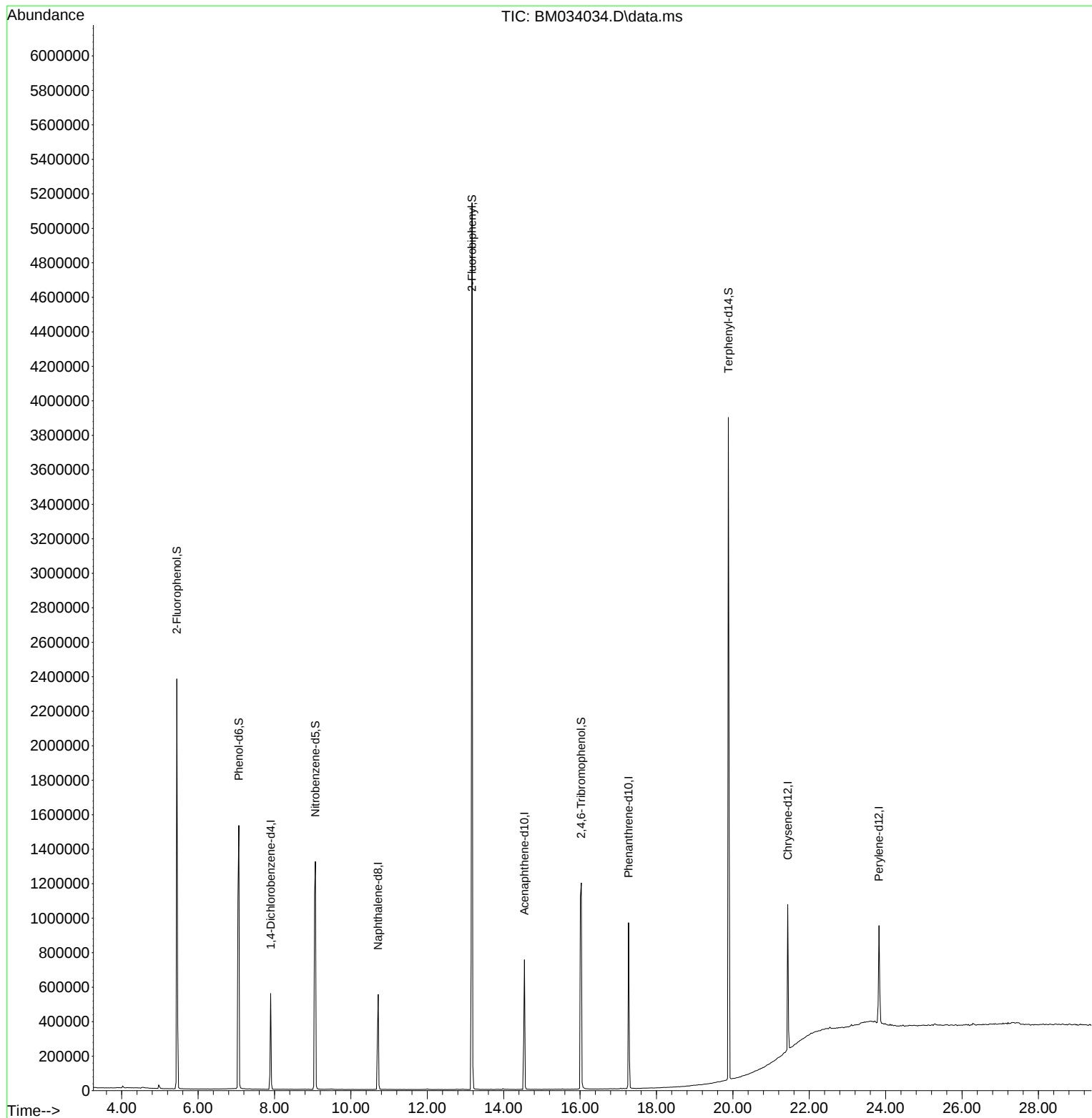
Target Compounds	Qvalue

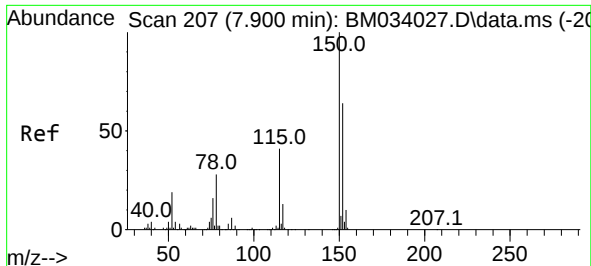
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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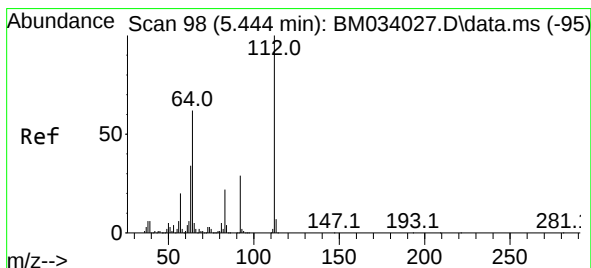
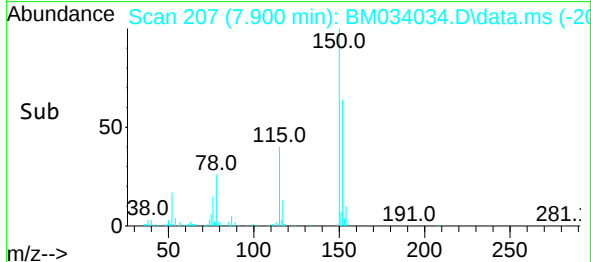
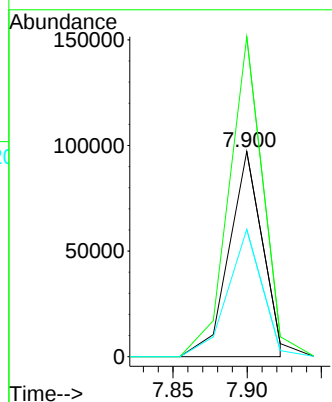
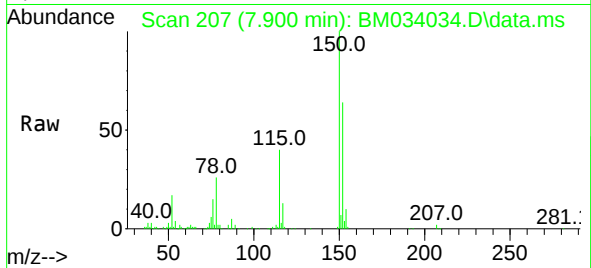




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.900 min Scan# 207
Delta R.T. -0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

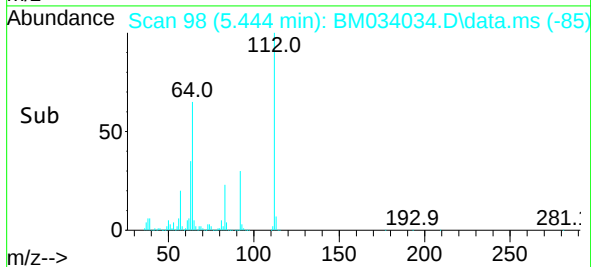
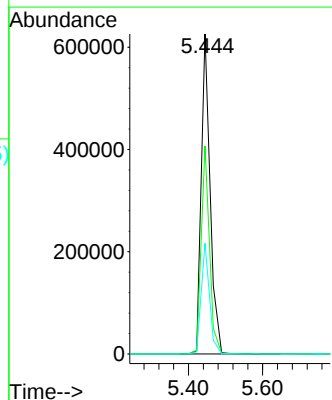
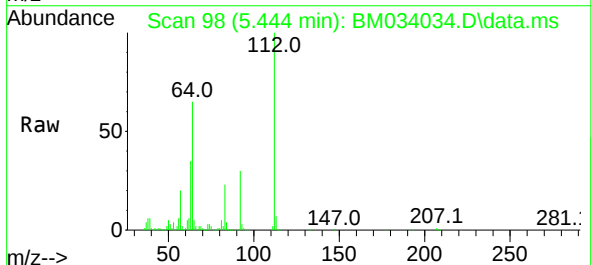
Instrument :
BNA_M
ClientSampleId :
SP5811

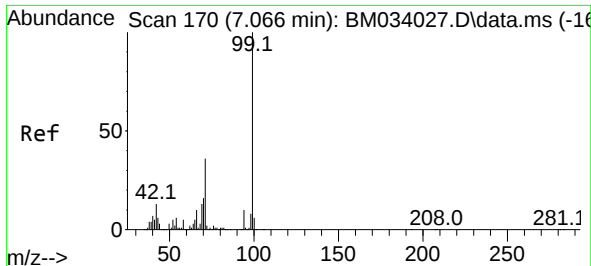
Tgt Ion:152 Resp: 153887
Ion Ratio Lower Upper
152 100
150 155.9 128.9 193.3
115 62.0 53.0 79.6



#5
2-Fluorophenol
Concen: 109.659 ng
RT: 5.444 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

Tgt Ion:112 Resp: 1042192
Ion Ratio Lower Upper
112 100
64 65.0 55.5 83.3
63 34.6 31.3 46.9

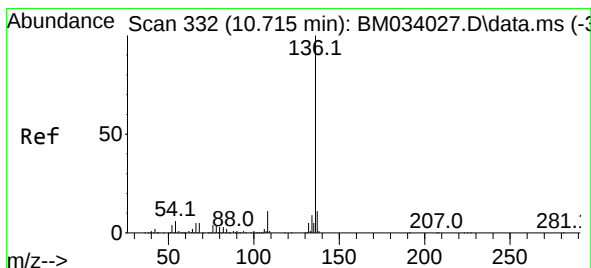
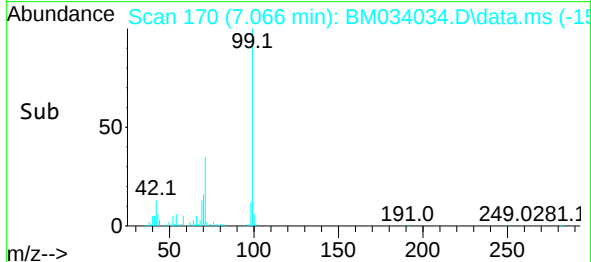
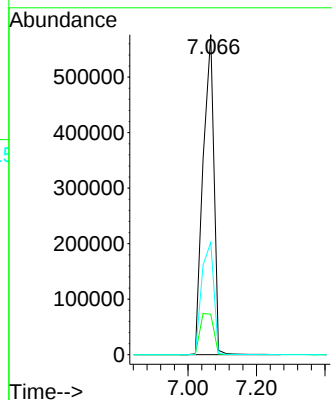
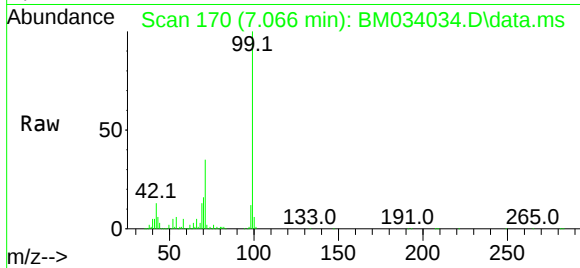




#7
Phenol-d6
Concen: 110.169 ng
RT: 7.066 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

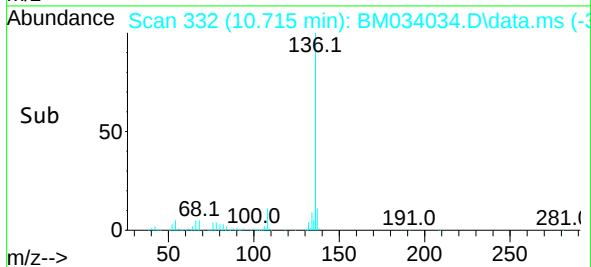
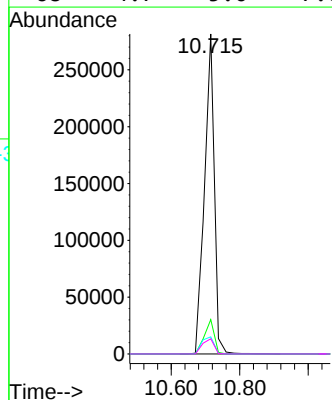
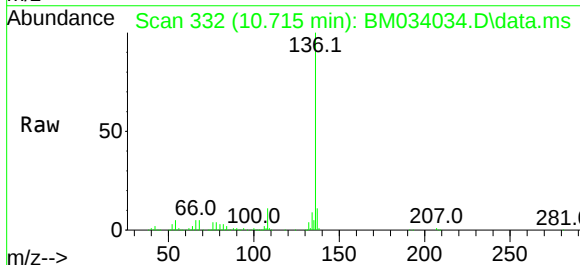
Instrument :
BNA_M
ClientSampleId :
SP5811

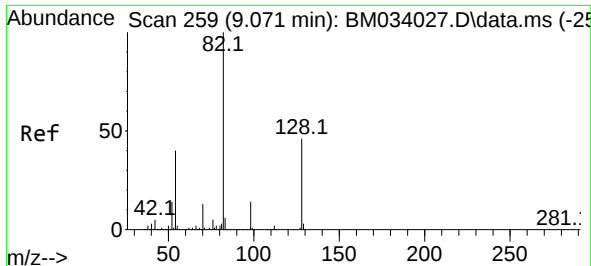
Tgt Ion: 99 Resp: 1276414
Ion Ratio Lower Upper
99 100
42 12.6 20.3 30.5#
71 35.1 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 332
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

Tgt Ion: 136 Resp: 561847
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.3 8.3 12.5#
68 4.7 5.0 7.6#

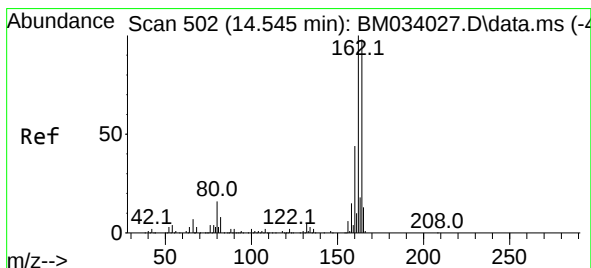
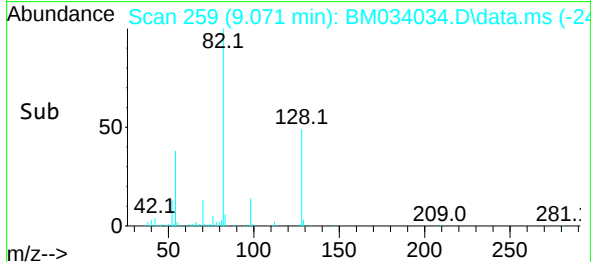
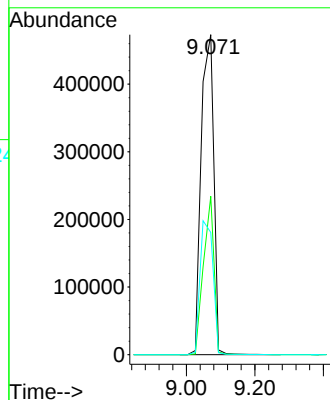
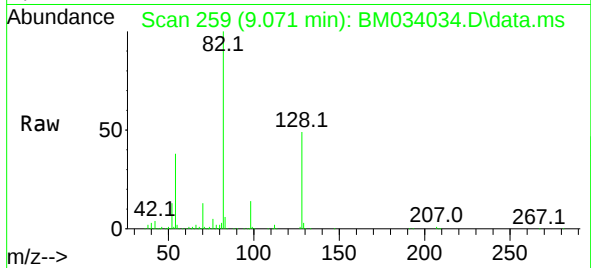




#23
Nitrobenzene-d5
Concen: 101.205 ng
RT: 9.071 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

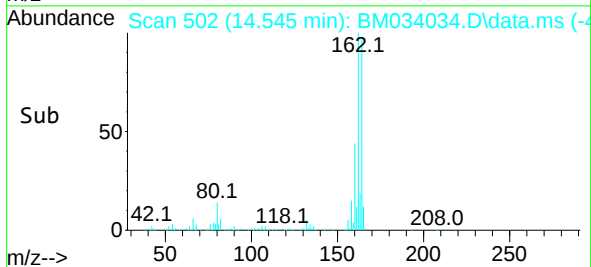
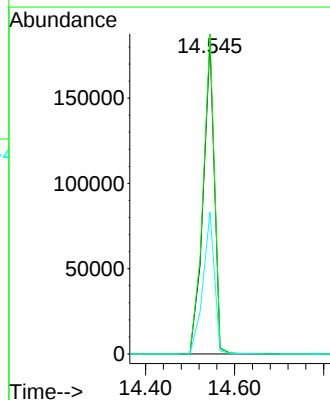
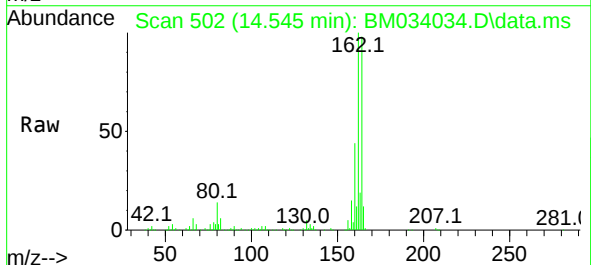
Instrument :
BNA_M
ClientSampleId :
SP5811

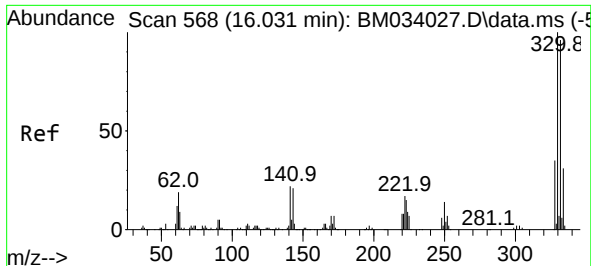
Tgt Ion: 82 Resp: 1210553
Ion Ratio Lower Upper
82 100
128 49.5 28.1 42.1#
54 38.2 46.1 69.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 502
Delta R.T. -0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

Tgt Ion:164 Resp: 324315
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 45.5 34.2 51.4

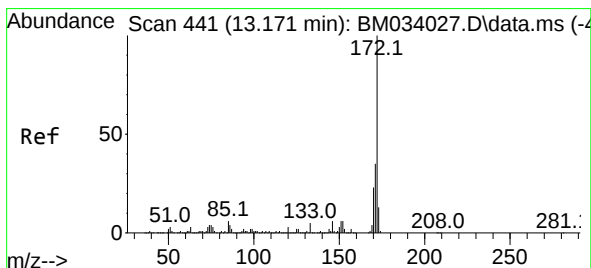
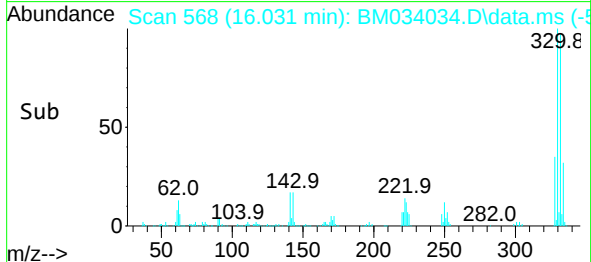
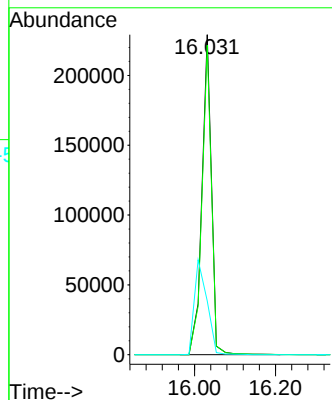
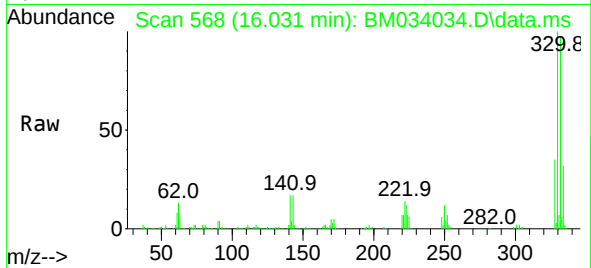




#42
2,4,6-Tribromophenol
Concen: 103.727 ng
RT: 16.031 min Scan# 568
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

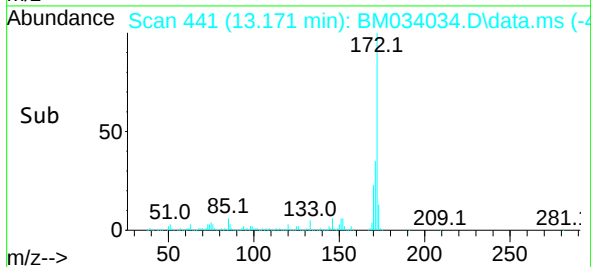
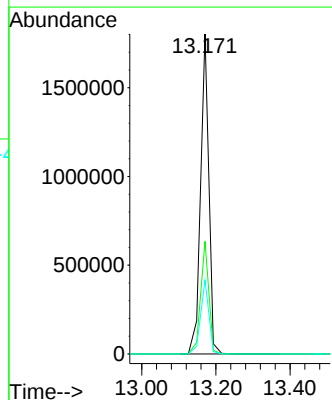
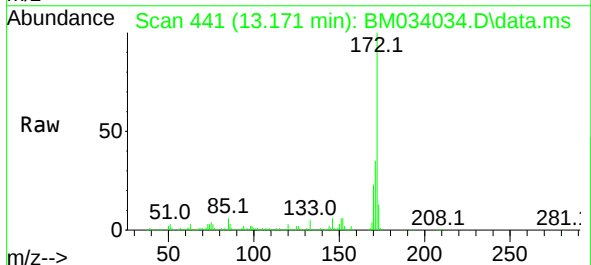
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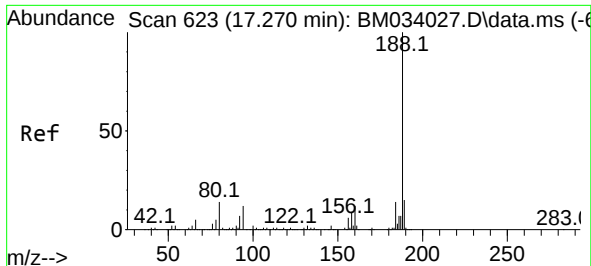
Tgt Ion:330 Resp: 372387
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 0.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 112.607 ng
RT: 13.171 min Scan# 441
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

Tgt Ion:172 Resp: 2781571
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.1 18.7 28.1

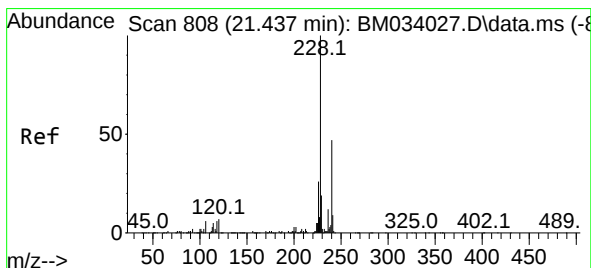
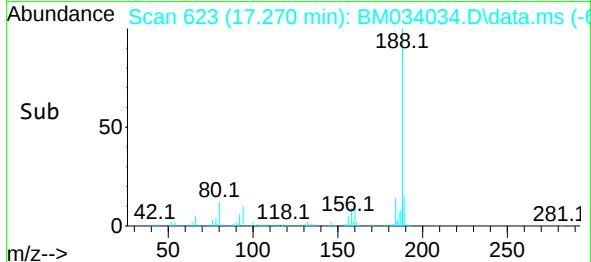
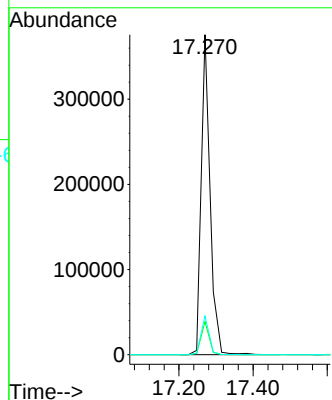
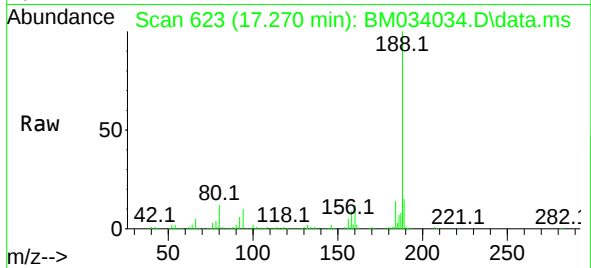




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.270 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

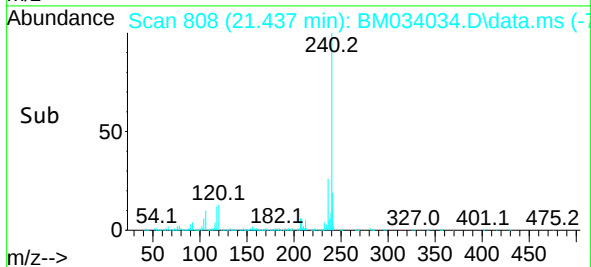
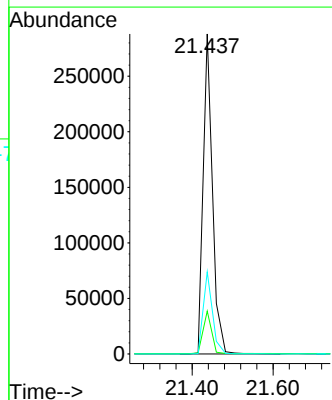
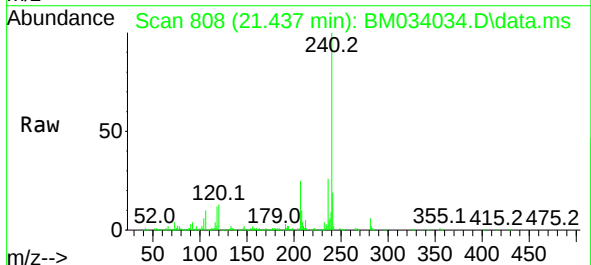
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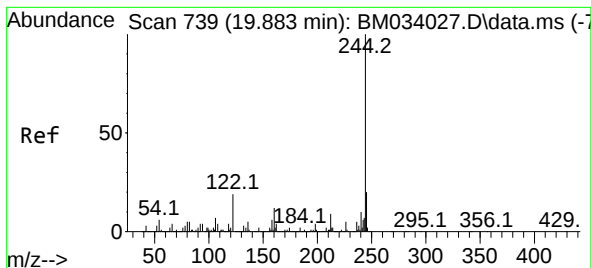
Tgt Ion:188 Resp: 624786
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 12.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM034034.D
Acq: 09 Feb 2022 19:32

Tgt Ion:240 Resp: 457524
Ion Ratio Lower Upper
240 100
120 13.4 7.8 11.6#
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 105.711 ng

RT: 19.883 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM034034.D

Acq: 09 Feb 2022 19:32

Instrument :

BNA_M

ClientSampleId :

SP5811

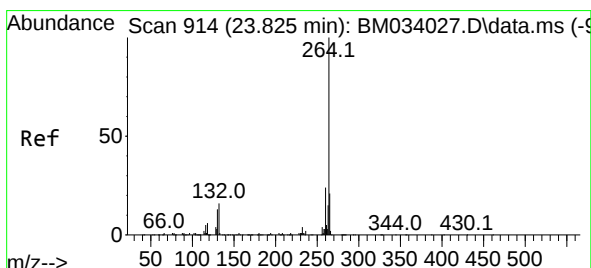
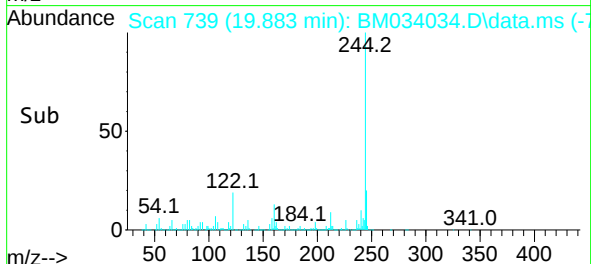
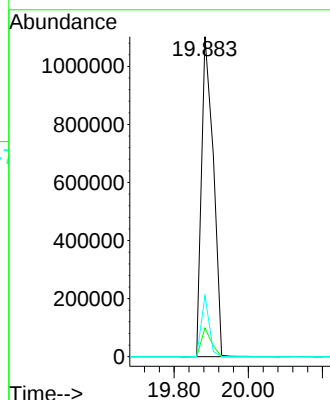
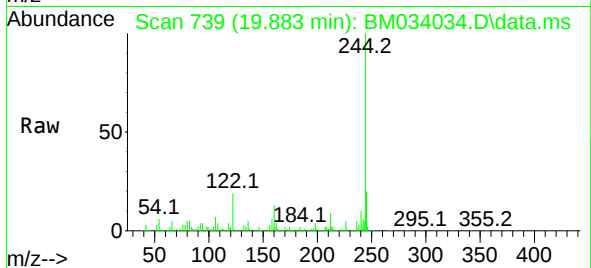
Tgt Ion:244 Resp: 2445462

Ion Ratio Lower Upper

244 100

212 9.0 5.9 8.9#

122 19.1 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.825 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM034034.D

Acq: 09 Feb 2022 19:32

Tgt Ion:264 Resp: 425645

Ion Ratio Lower Upper

264 100

260 23.2 17.7 26.5

265 22.5 17.7 26.5

