

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035178.D
 Acq On : 20 May 2022 16:09
 Operator : CG/JU
 Sample : N2916-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-1

Quant Time: May 23 04:19:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

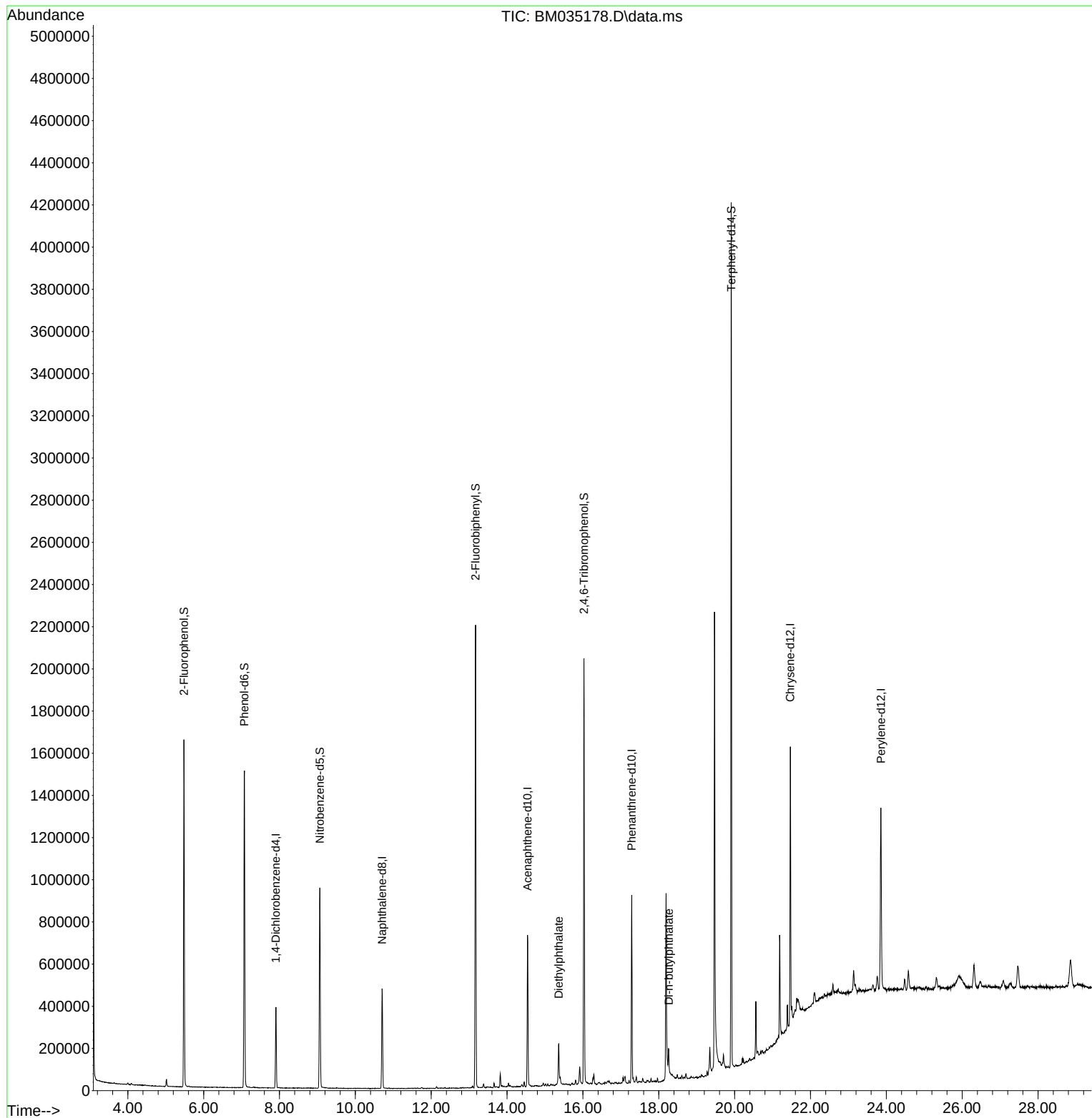
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	100970	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	388419	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	244527	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	528896	20.000	ng	0.00
76) Chrysene-d12	21.468	240	583439	20.000	ng	0.00
86) Perylene-d12	23.856	264	630103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	647520	113.139	ng	0.00
7) Phenol-d6	7.075	99	806129	109.108	ng	0.00
23) Nitrobenzene-d5	9.063	82	522457	72.637	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	344245	129.417	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	1108675	65.818	ng	0.00
79) Terphenyl-d14	19.909	244	1818162	60.338	ng	0.00
Target Compounds						
60) Diethylphthalate	15.362	149	155971	8.400	ng	98
74) Di-n-butylphthalate	18.262	149	91712	2.773	ng	100

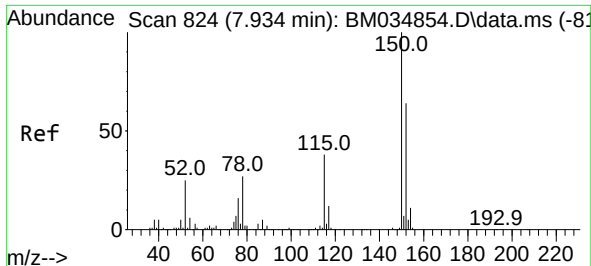
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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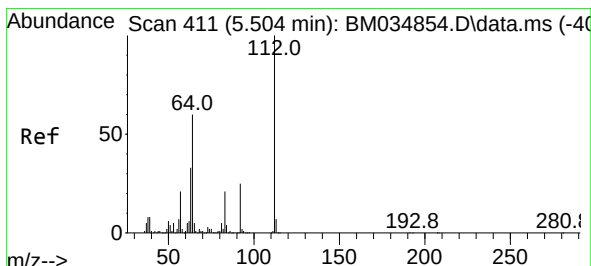
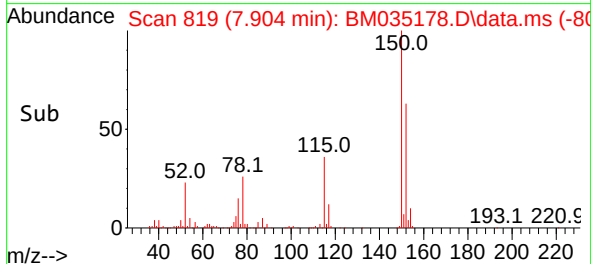
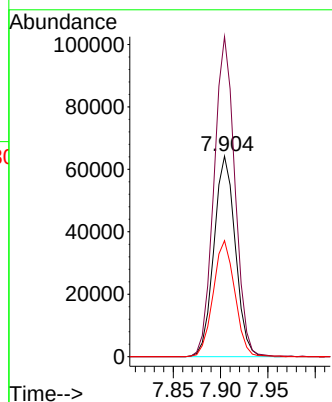
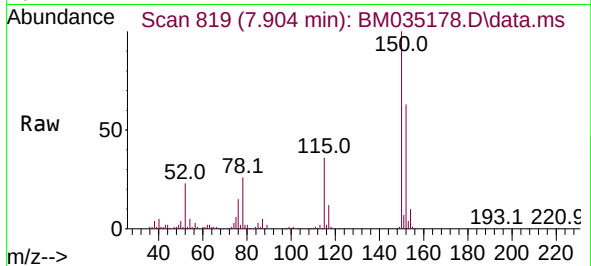




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

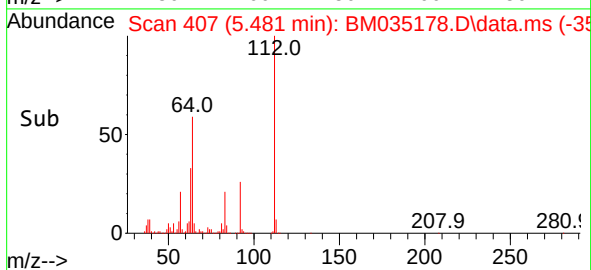
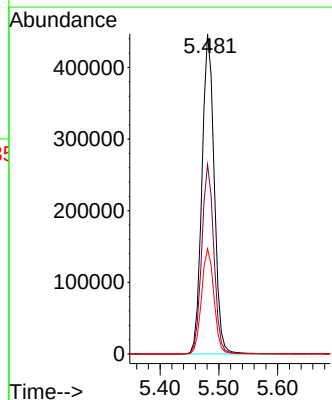
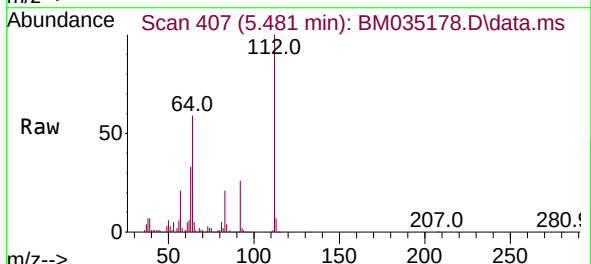
Instrument :
BNA_M
ClientSampleId :
UST-1

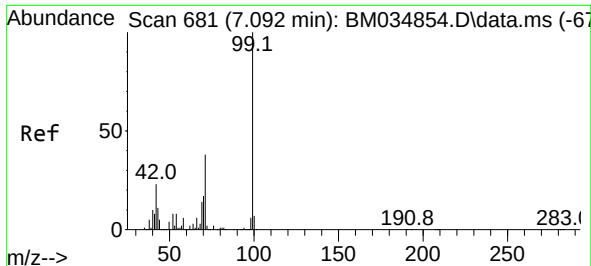
Tgt Ion:152 Resp: 100970
Ion Ratio Lower Upper
152 100
150 159.7 124.9 187.3
115 57.9 47.9 71.9



#5
2-Fluorophenol
Concen: 113.139 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion:112 Resp: 647520
Ion Ratio Lower Upper
112 100
64 59.2 47.8 71.6
63 32.9 26.6 40.0

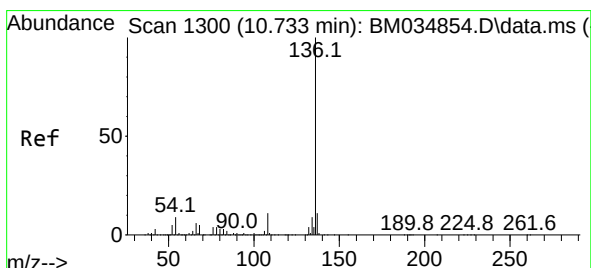
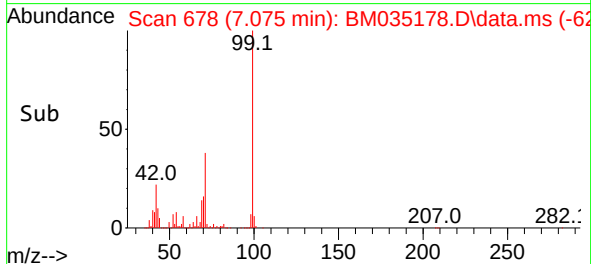
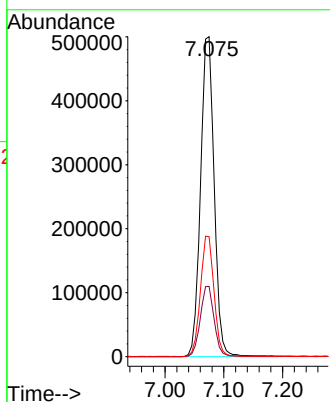
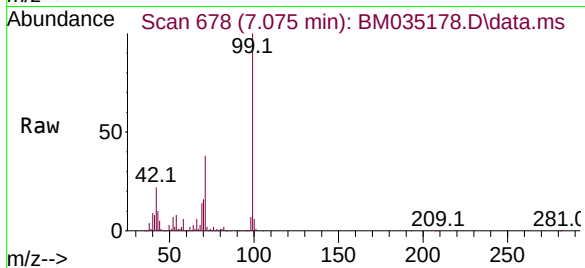




#7
Phenol-d6
Concen: 109.108 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

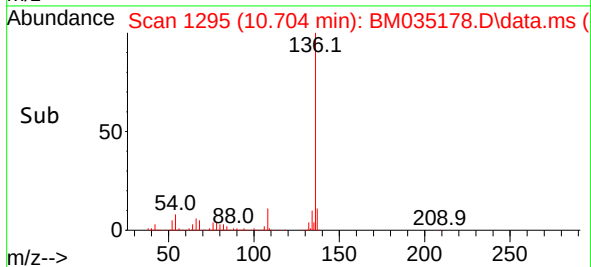
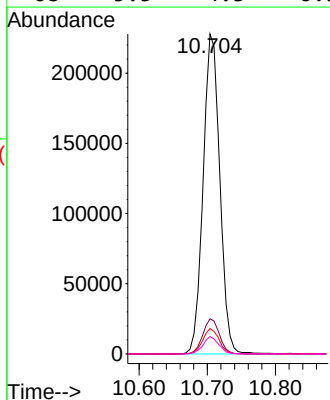
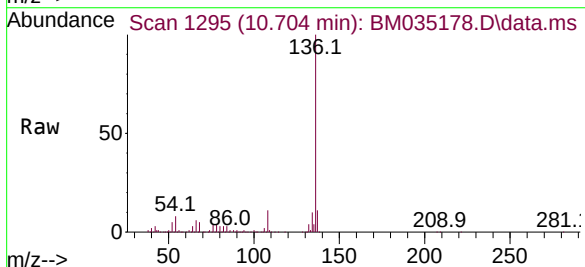
Instrument :
BNA_M
ClientSampleId :
UST-1

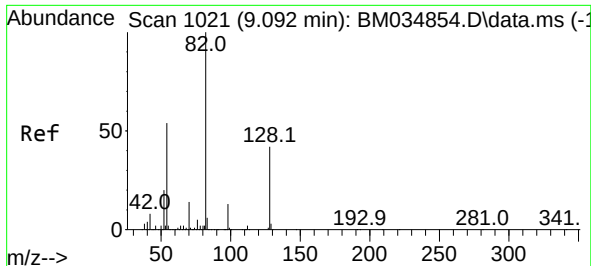
Tgt Ion: 99 Resp: 806129
Ion Ratio Lower Upper
99 100
42 21.9 18.8 28.2
71 37.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion: 136 Resp: 388419
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 7.0 10.4
68 5.5 4.3 6.5

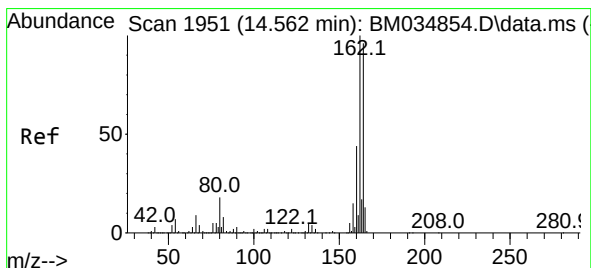
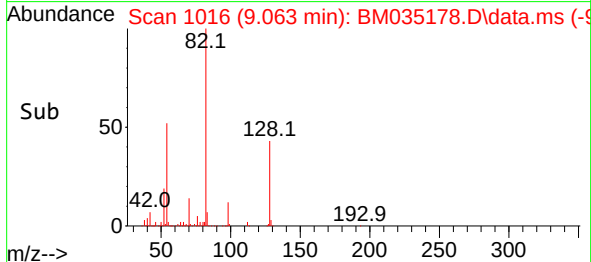
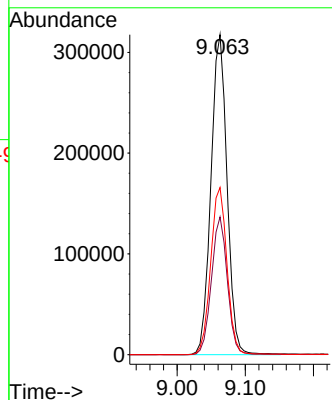
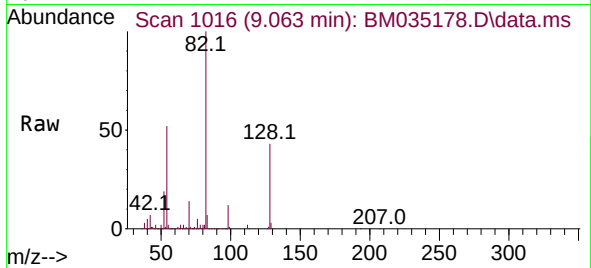




#23
Nitrobenzene-d5
Concen: 72.637 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

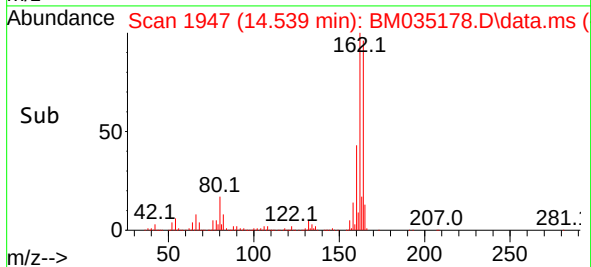
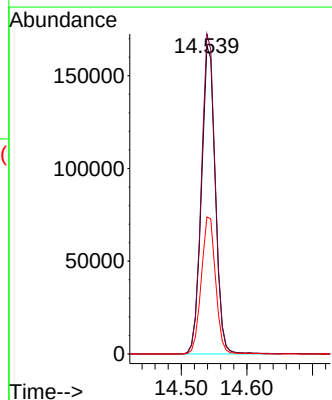
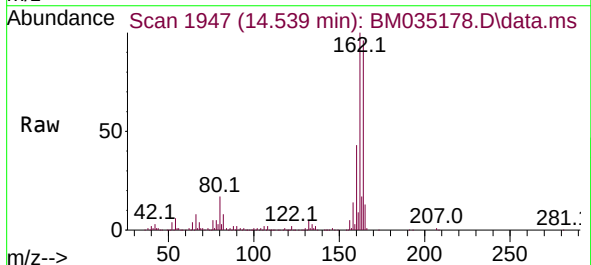
Instrument :
BNA_M
ClientSampleId :
UST-1

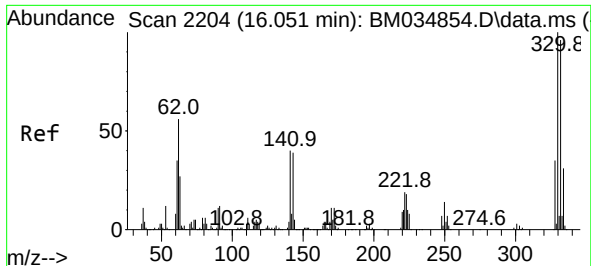
Tgt Ion: 82 Resp: 522457
Ion Ratio Lower Upper
82 100
128 43.0 33.7 50.5
54 52.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion: 164 Resp: 244527
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 129.417 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035178.D

Acq: 20 May 2022 16:09

Instrument :

BNA_M

ClientSampleId :

UST-1

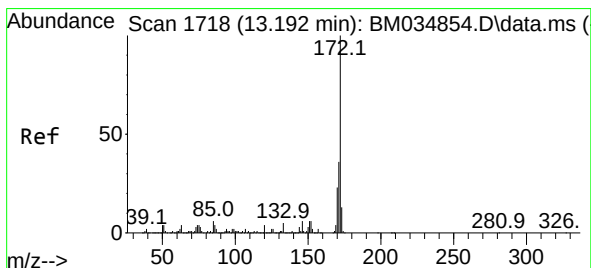
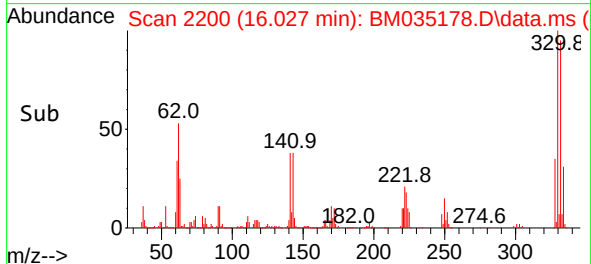
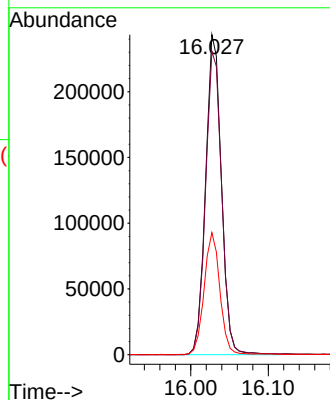
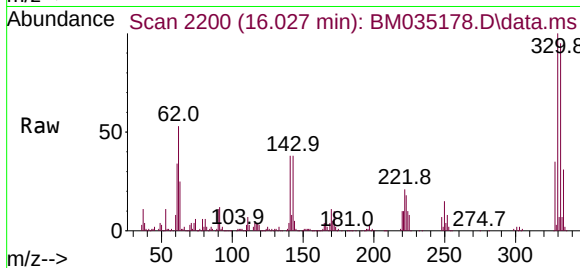
Tgt Ion:330 Resp: 344245

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 38.5 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 65.818 ng

RT: 13.168 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM035178.D

Acq: 20 May 2022 16:09

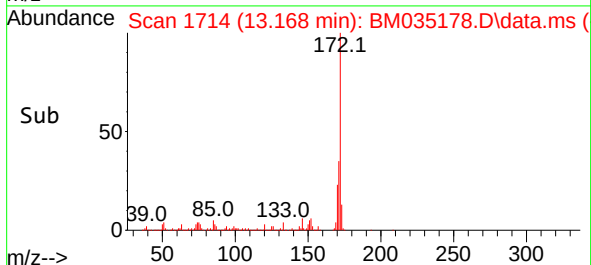
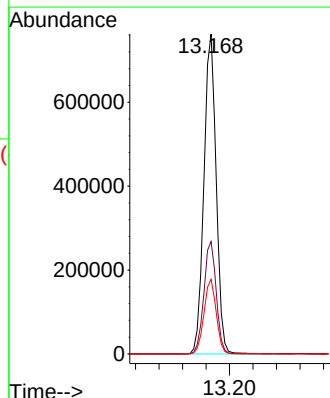
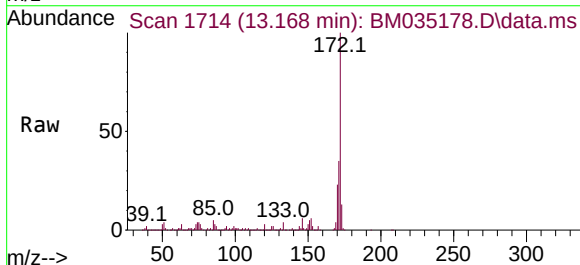
Tgt Ion:172 Resp: 1108675

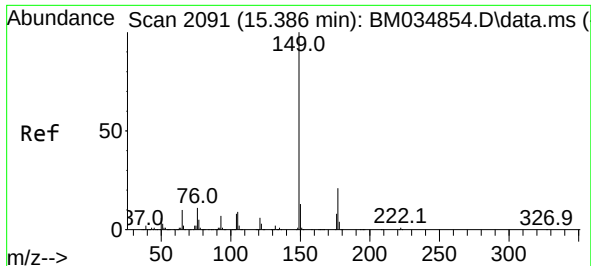
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.3 18.7 28.1

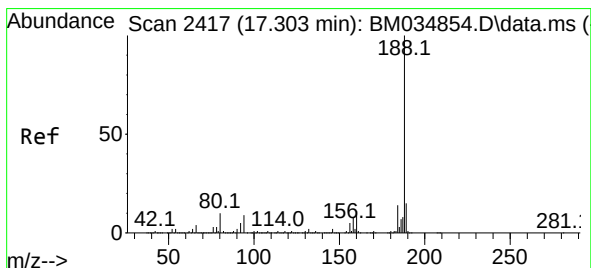
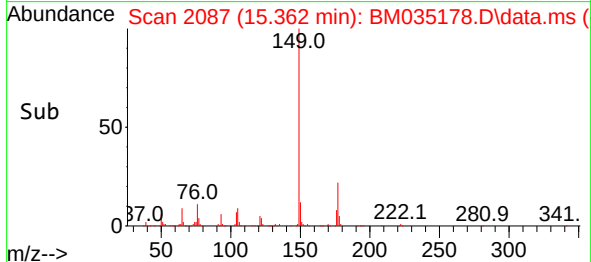
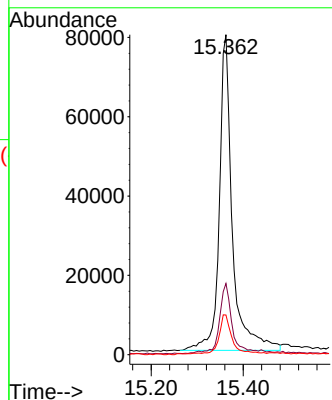
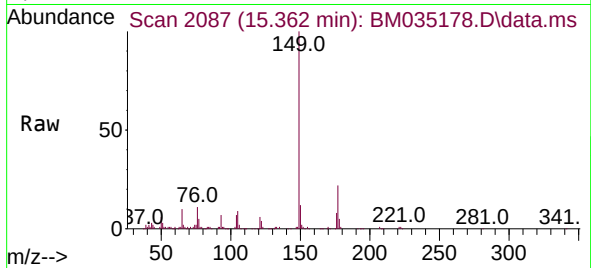




#60
Diethylphthalate
Concen: 8.400 ng
RT: 15.362 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

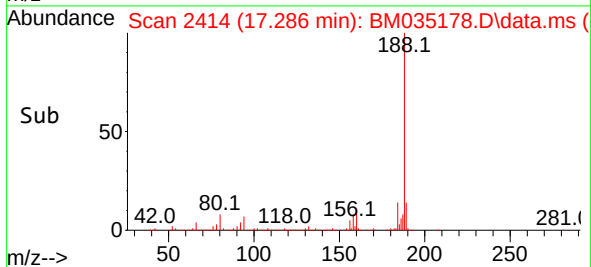
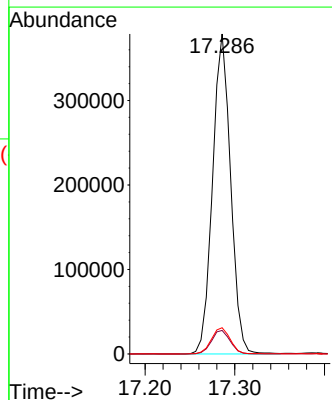
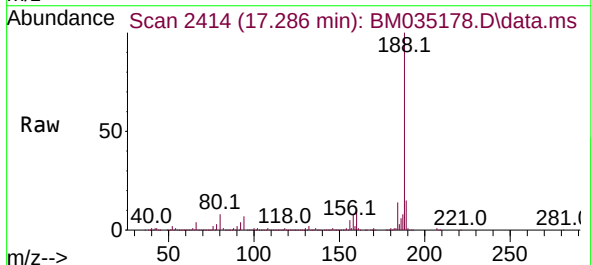
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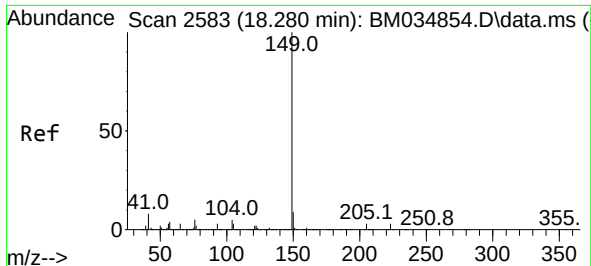
Tgt Ion:149 Resp: 155971
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.4 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion:188 Resp: 528896
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.2 7.6 11.4

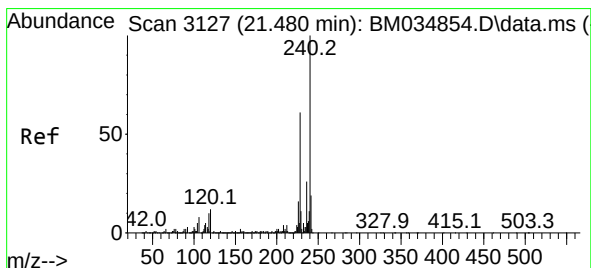
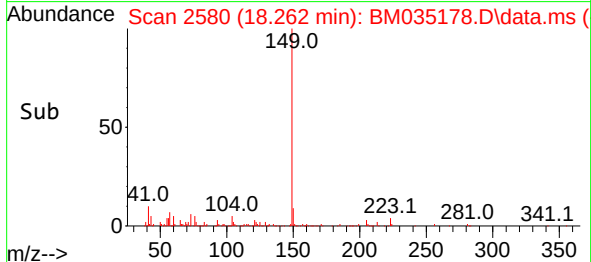
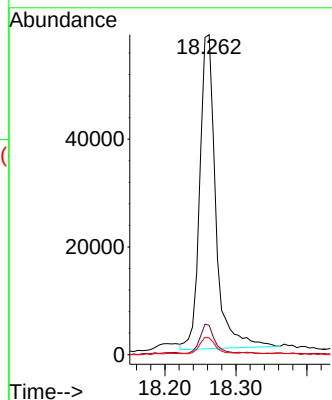
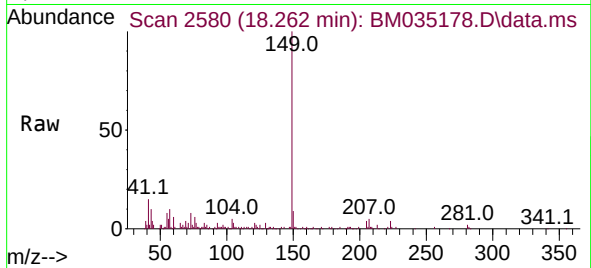




#74
Di-n-butylphthalate
Concen: 2.773 ng
RT: 18.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

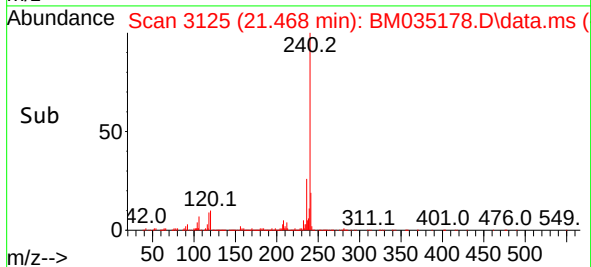
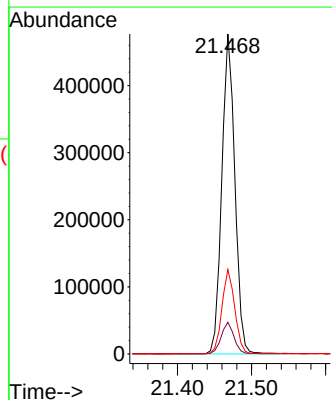
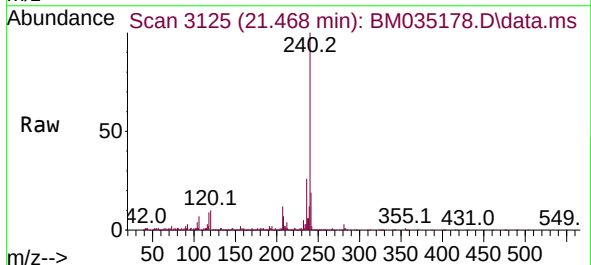
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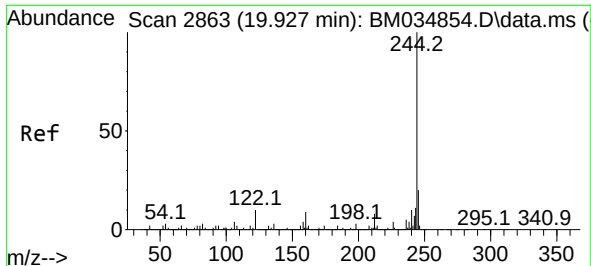
Tgt Ion:149 Resp: 91712
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.3 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion:240 Resp: 583439
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.0
236 26.3 20.6 30.8

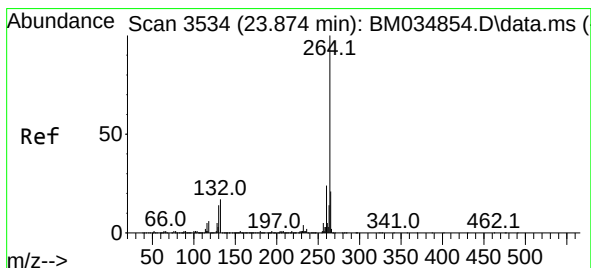
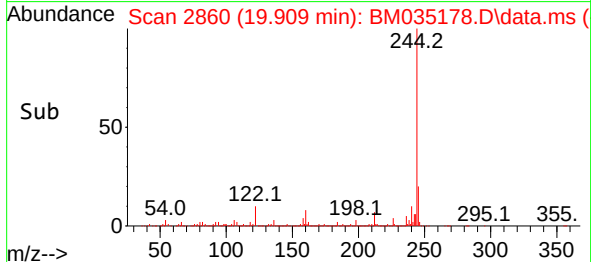
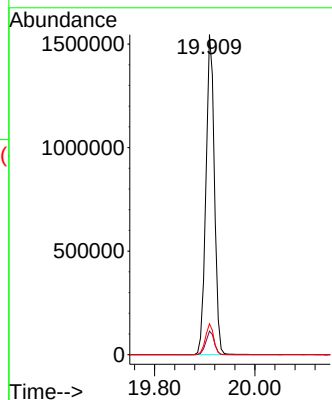
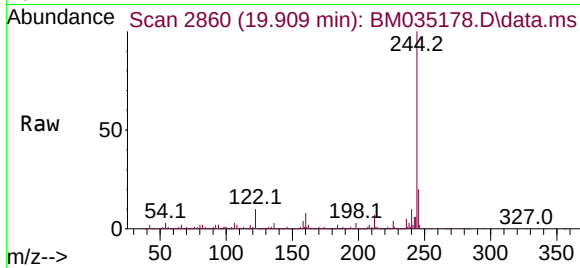




#79
Terphenyl-d14
Concen: 60.338 ng
RT: 19.909 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1818162
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3531
Delta R.T. -0.000 min
Lab File: BM035178.D
Acq: 20 May 2022 16:09

Tgt Ion:264 Resp: 630103
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.5 17.5 26.3

