

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035241.D
 Acq On : 25 May 2022 14:03
 Operator : CG/JU
 Sample : N2978-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-303-20220519

Quant Time: May 26 04:54:39 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	7.887	152	96888	20.000	ng	-0.02
21) Naphthalene-d8	10.693	136	351767	20.000	ng	#-0.02
39) Acenaphthene-d10	14.528	164	213805	20.000	ng	-0.02
64) Phenanthrene-d10	17.269	188	456116	20.000	ng	-0.02
76) Chrysene-d12	21.451	240	527967	20.000	ng	#-0.02
86) Perylene-d12	23.833	264	620022	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	306868	55.877	ng	-0.01
7) Phenol-d6	7.057	99	222188	31.340	ng	-0.02
23) Nitrobenzene-d5	9.046	82	593054	91.043	ng	-0.02
42) 2,4,6-Tribromophenol	16.016	330	394791	169.746	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	1404916	95.390	ng	-0.02
79) Terphenyl-d14	19.898	244	2371997	86.988	ng	-0.02

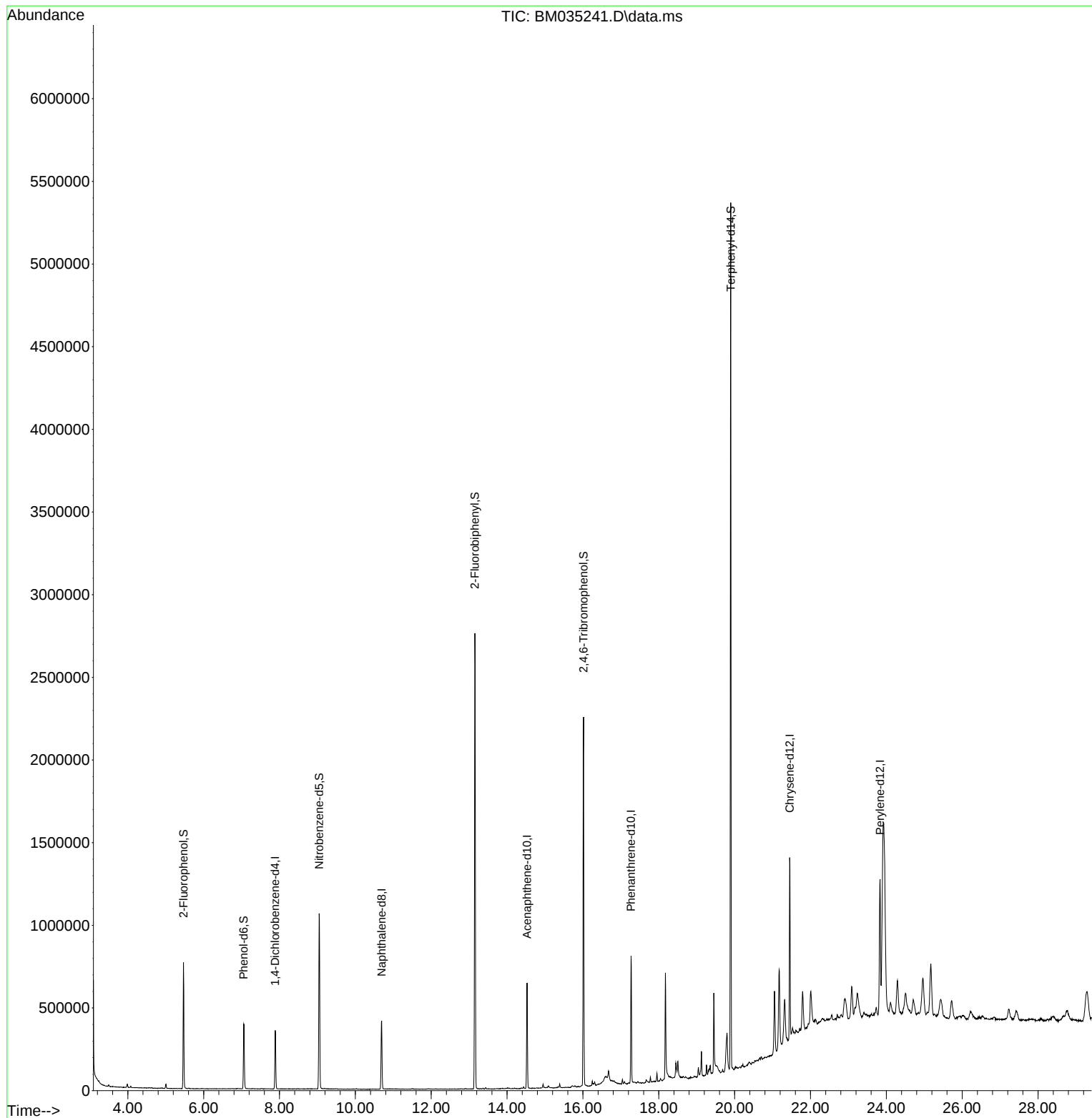
Target Compounds	Qvalue
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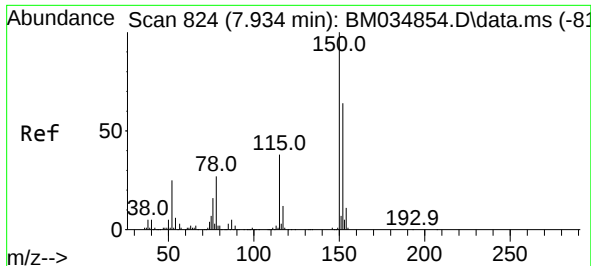
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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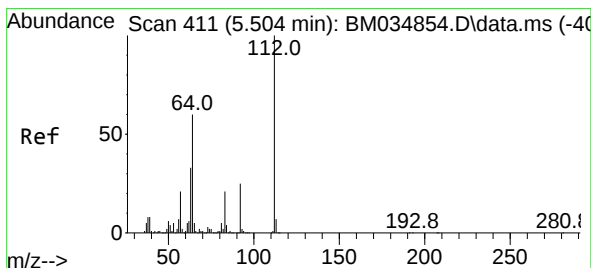
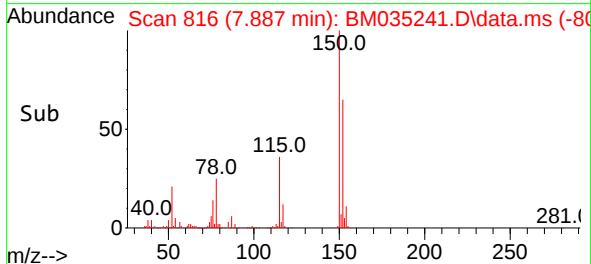
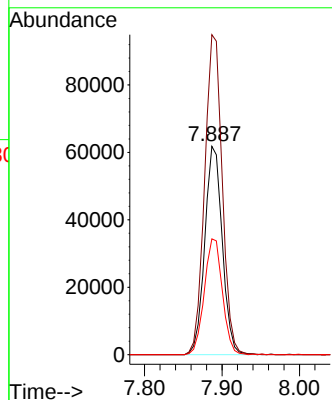
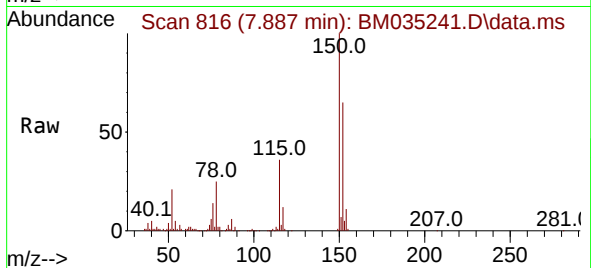




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.887 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BM035241.D
 Acq: 25 May 2022 14:03

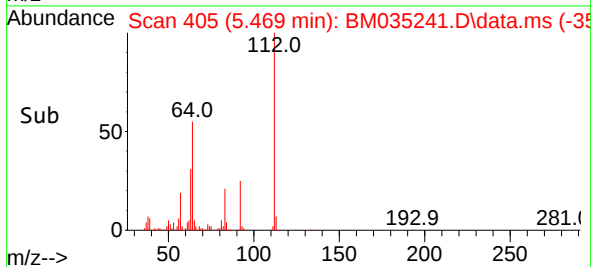
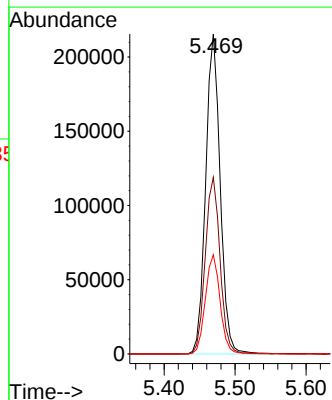
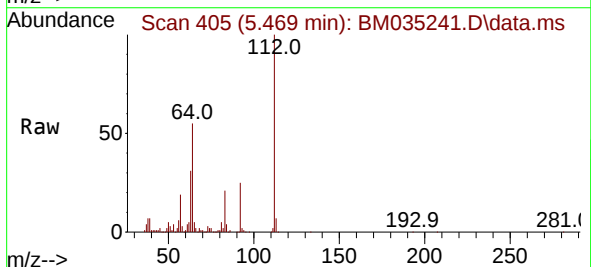
Instrument :
 BNA_M
 ClientSampleId :
 SP-303-20220519

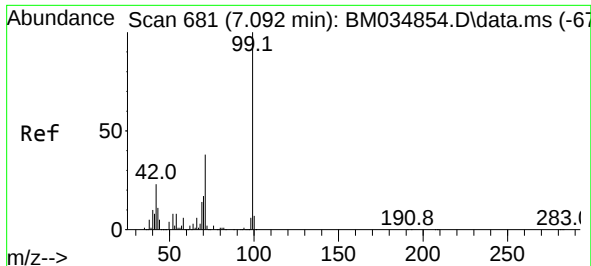
Tgt Ion:152 Resp: 96888
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.9 187.3
 115 55.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 55.877 ng
 RT: 5.469 min Scan# 405
 Delta R.T. -0.012 min
 Lab File: BM035241.D
 Acq: 25 May 2022 14:03

Tgt Ion:112 Resp: 306868
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.8 71.6
 63 31.0 26.6 40.0

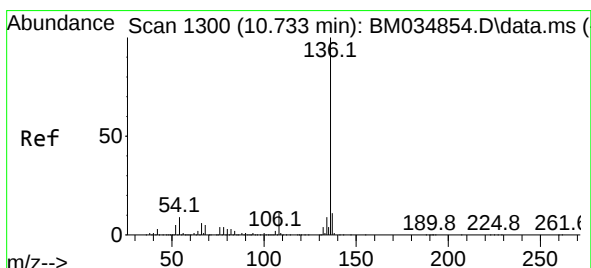
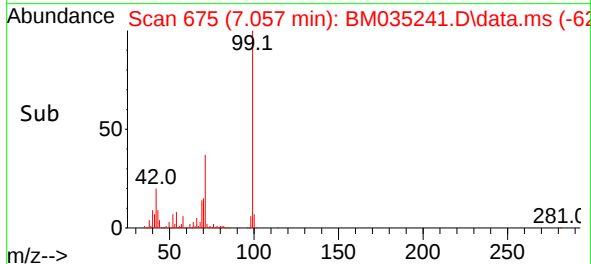
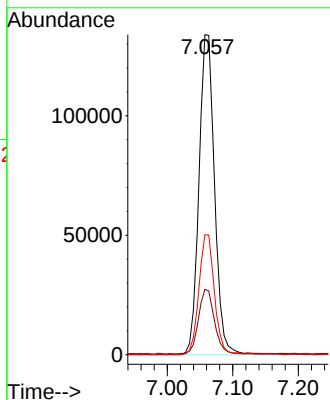
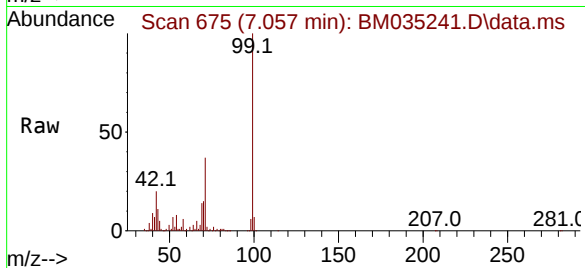




#7
Phenol-d6
Concen: 31.340 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

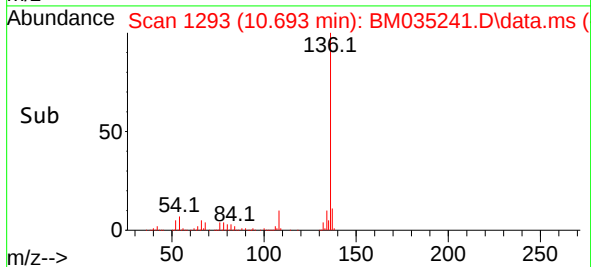
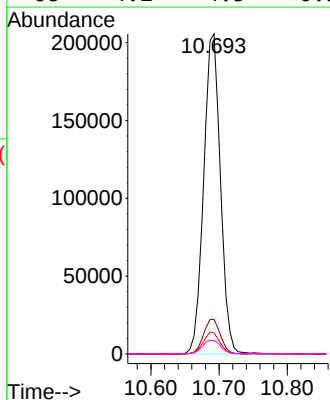
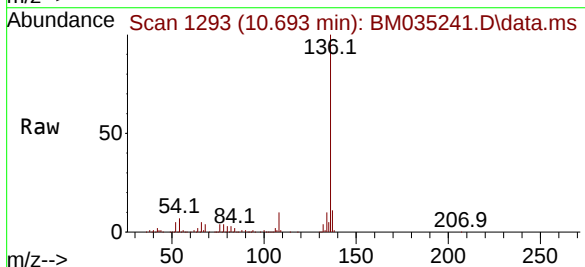
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BNA_M
ClientSampleId :
SP-303-20220519

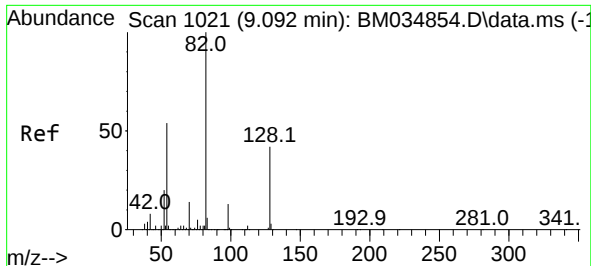
Tgt Ion: 99 Resp: 222188
Ion Ratio Lower Upper
99 100
42 20.4 18.8 28.2
71 37.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

Tgt Ion: 136 Resp: 351767
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.6 7.0 10.4#
68 4.2 4.3 6.5#

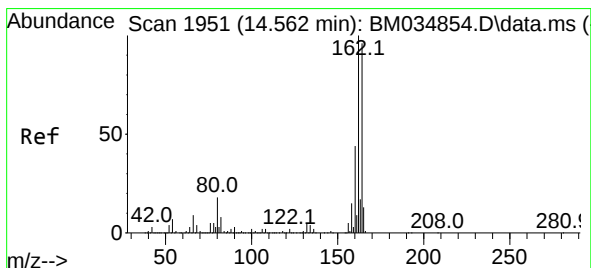
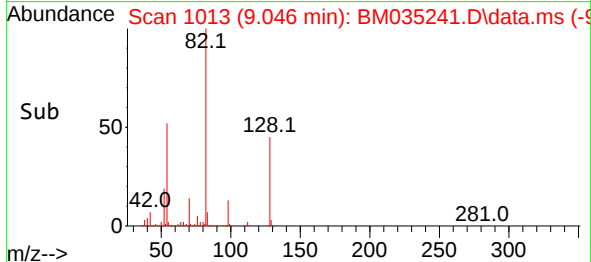
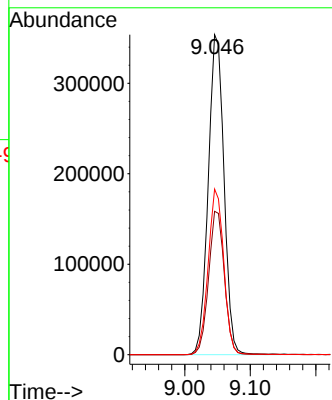
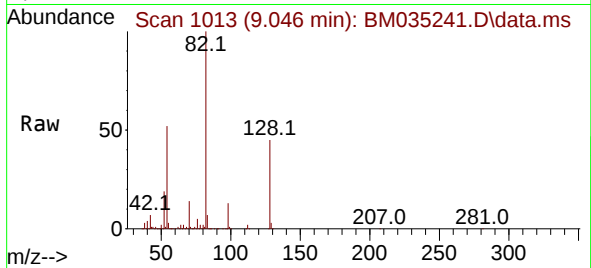




#23
Nitrobenzene-d5
Concen: 91.043 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

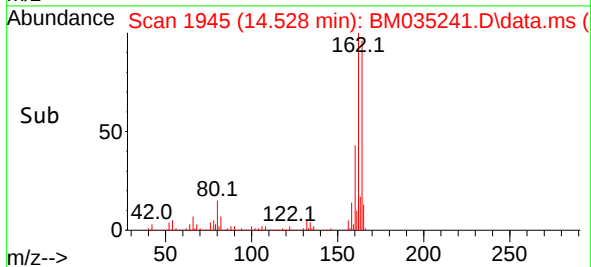
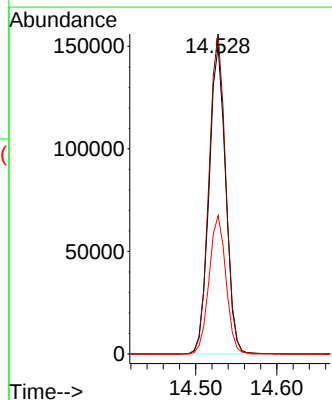
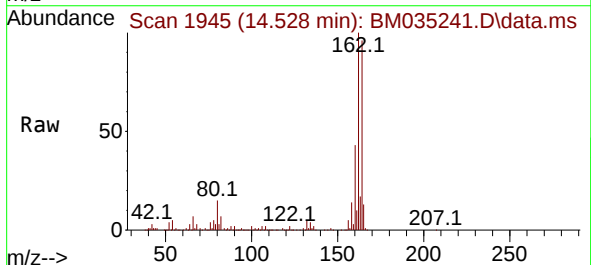
Instrument :
BNA_M
ClientSampleId :
SP-303-20220519

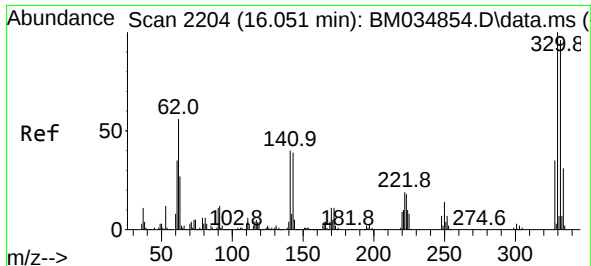
Tgt Ion: 82 Resp: 593054
Ion Ratio Lower Upper
82 100
128 44.8 33.7 50.5
54 51.7 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

Tgt Ion: 164 Resp: 213805
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 45.0 37.0 55.4

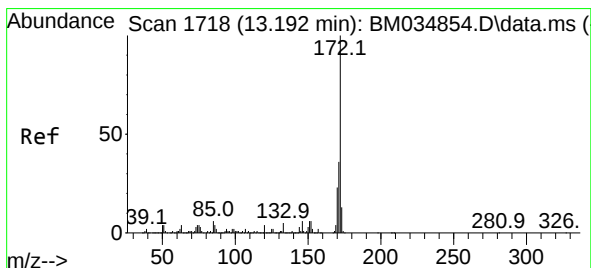
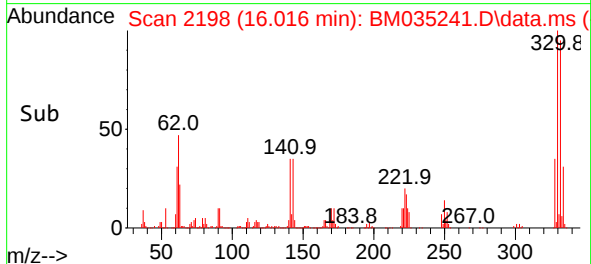
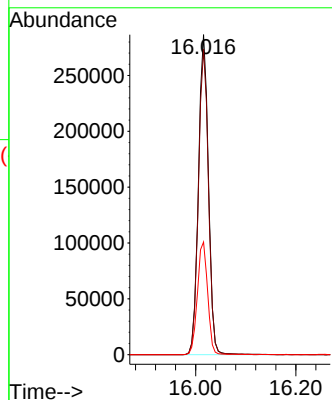
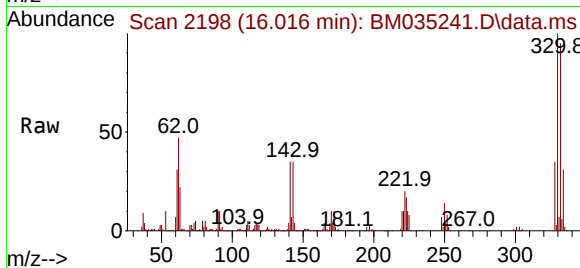




#42
2,4,6-Tribromophenol
Concen: 169.746 ng
RT: 16.016 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

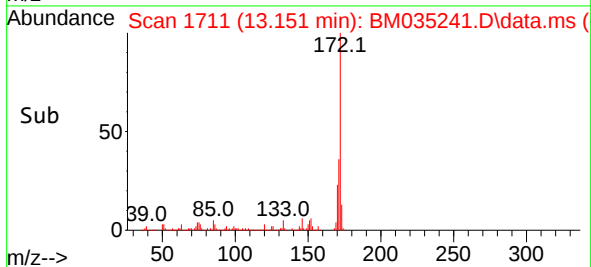
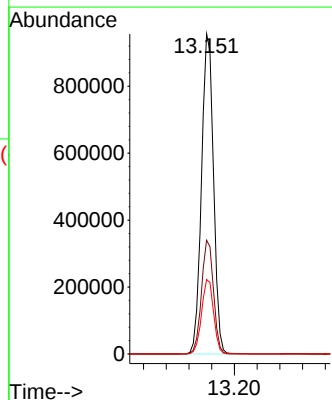
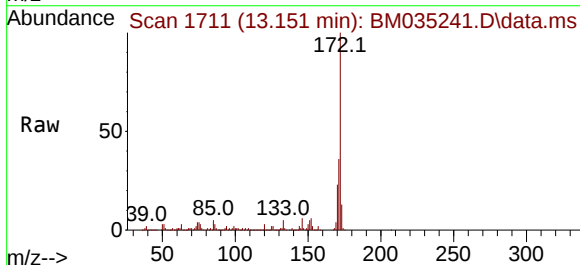
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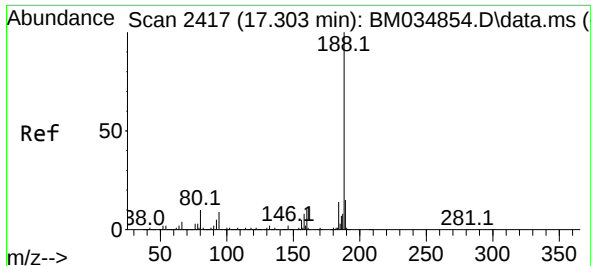
Tgt Ion:330 Resp: 394791
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.0 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 95.390 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

Tgt Ion:172 Resp: 1404916
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.2 18.7 28.1

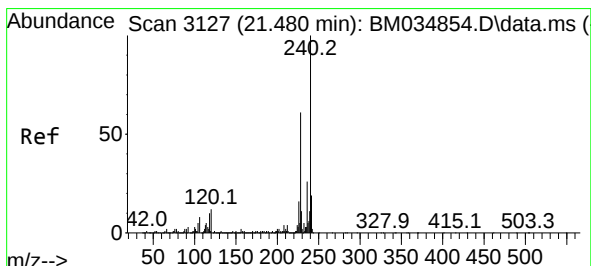
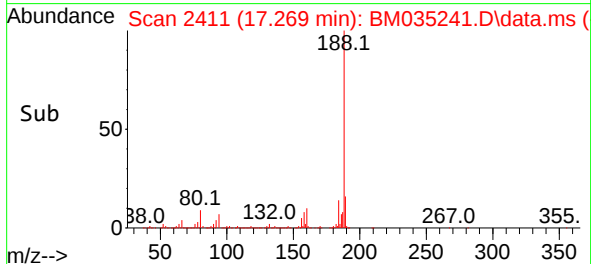
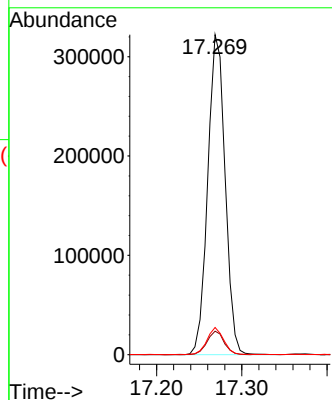
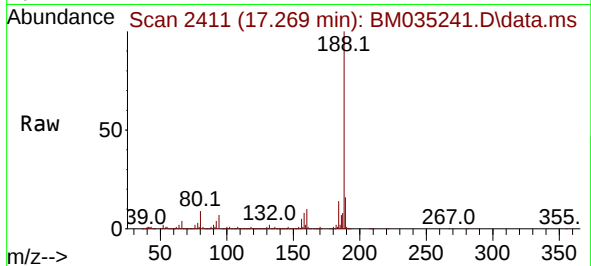




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.017 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

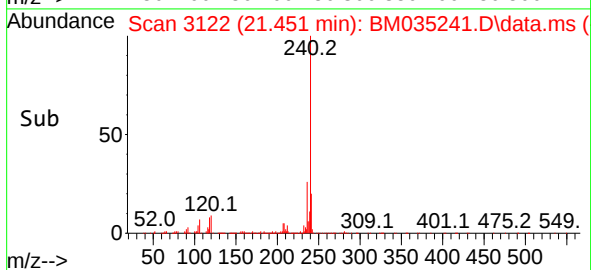
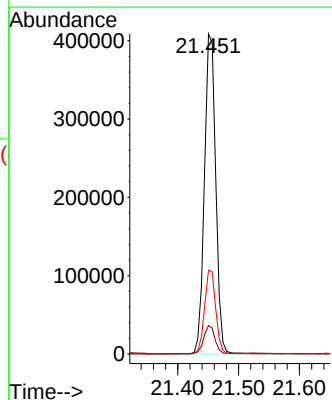
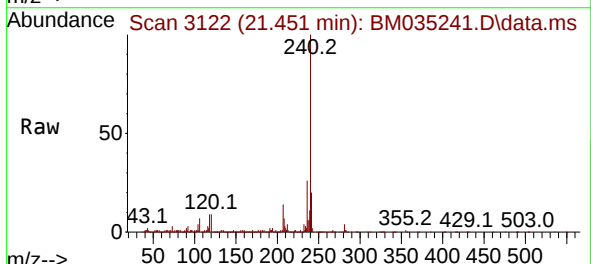
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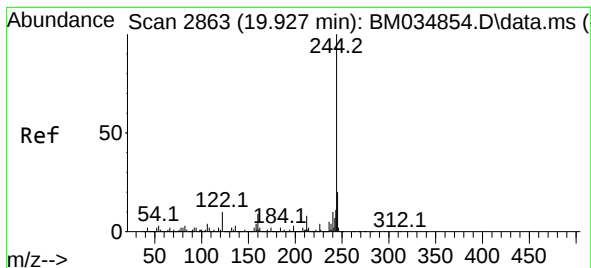
Tgt Ion:188 Resp: 456116
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BM035241.D
Acq: 25 May 2022 14:03

Tgt Ion:240 Resp: 527967
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.0#
236 26.2 20.6 30.8





#79

Terphenyl-d14

Concen: 86.988 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM035241.D

Acq: 25 May 2022 14:03

Instrument :

BNA_M

ClientSampleId :

SP-303-20220519

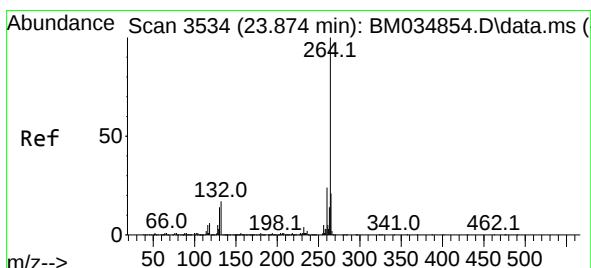
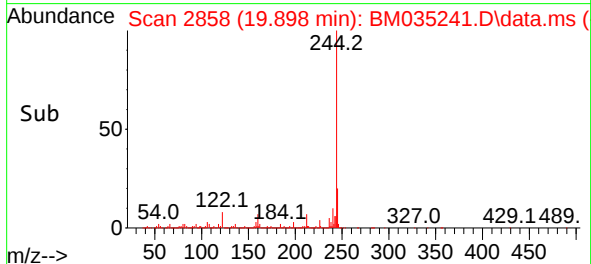
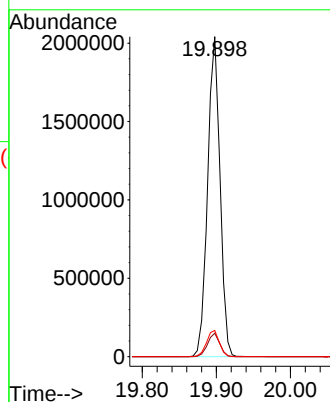
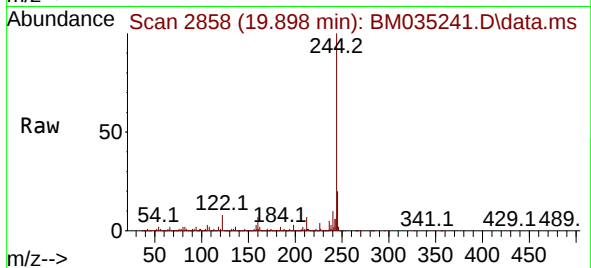
Tgt Ion:244 Resp: 2371997

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.2 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.023 min

Lab File: BM035241.D

Acq: 25 May 2022 14:03

Tgt Ion:264 Resp: 620022

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.9 17.5 26.3

