

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041411.D
 Acq On : 15 Aug 2023 18:20
 Operator : MA/JU
 Sample : 04006-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E-1-EPH

Quant Time: Aug 16 01:12:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

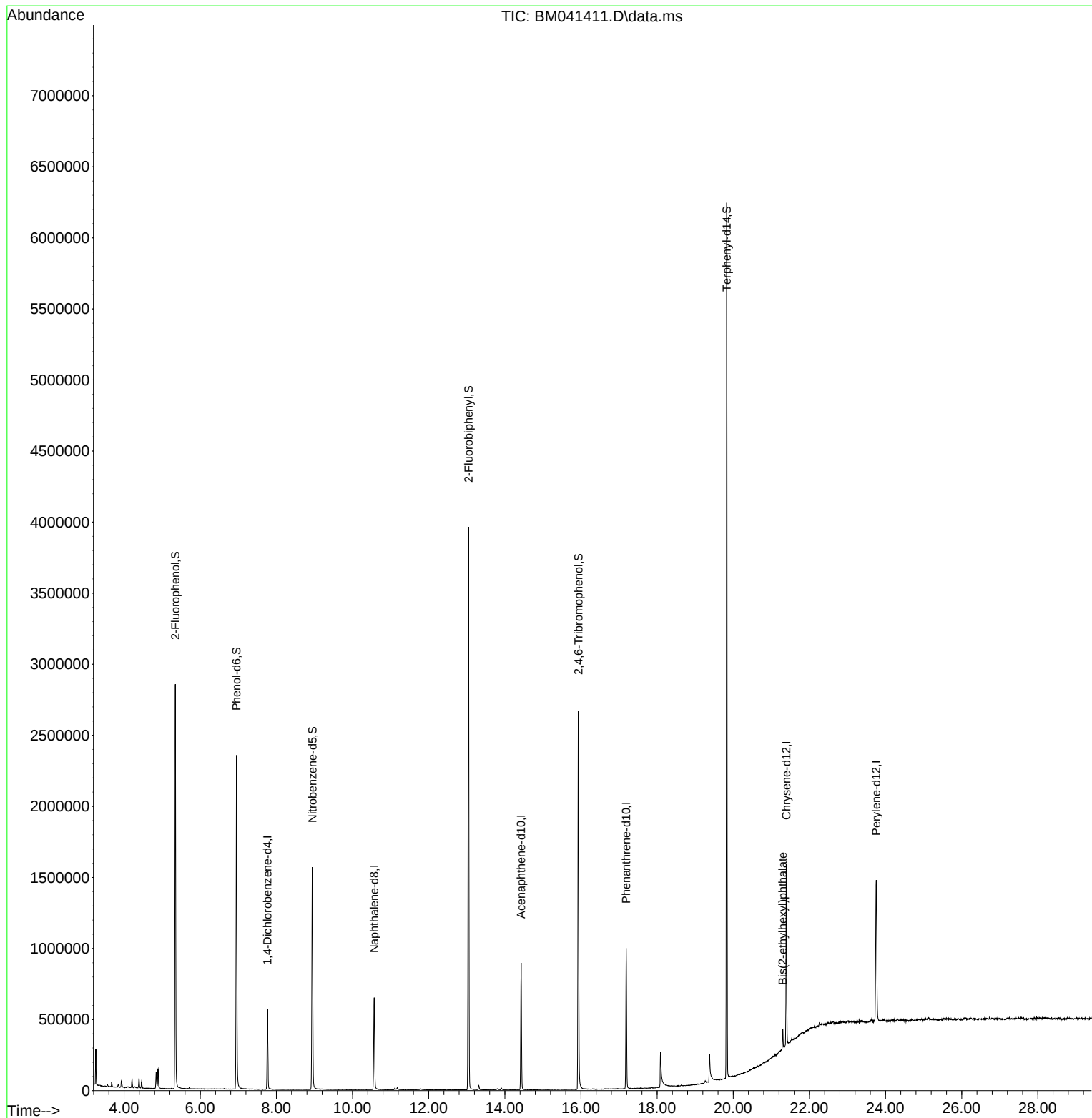
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	146015	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	528049	20.000	ng	-0.01
39) Acenaphthene-d10	14.428	164	290737	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	590652	20.000	ng	-0.02
76) Chrysene-d12	21.392	240	618635	20.000	ng	-0.02
86) Perylene-d12	23.756	264	782182	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1096442	112.230	ng	0.00
7) Phenol-d6	6.952	99	1266821	100.035	ng	0.00
23) Nitrobenzene-d5	8.946	82	927074	81.646	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	509120	123.804	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1887360	82.006	ng	-0.01
79) Terphenyl-d14	19.827	244	2702866	78.995	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.298	149	51687	4.490	ng	Qvalue 100

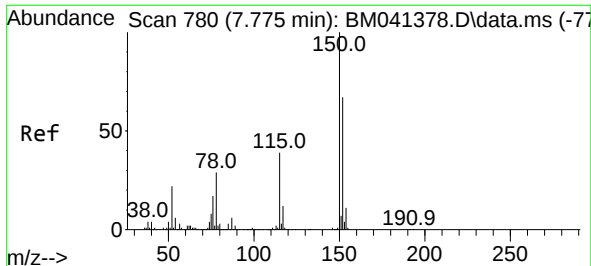
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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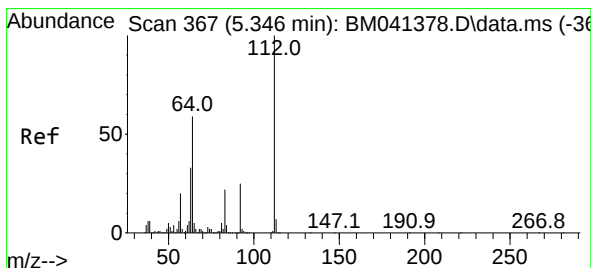
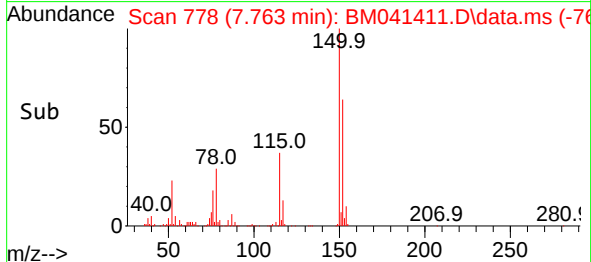
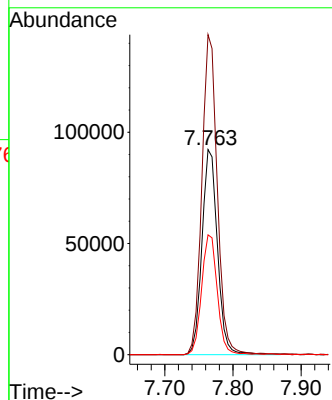
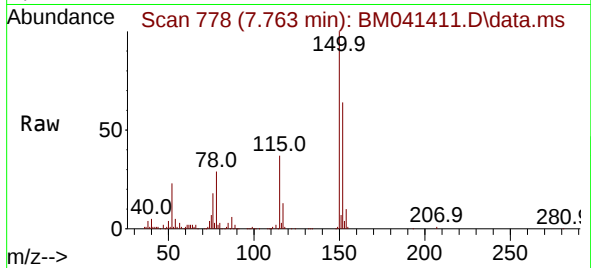




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 778
 Delta R.T. -0.012 min
 Lab File: BM041411.D
 Acq: 15 Aug 2023 18:20

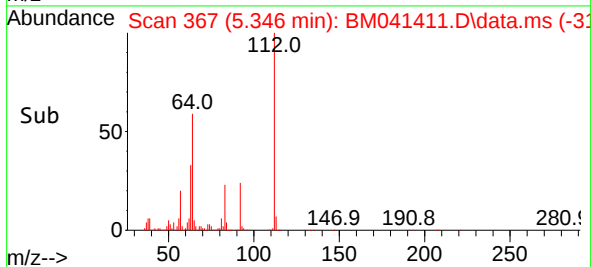
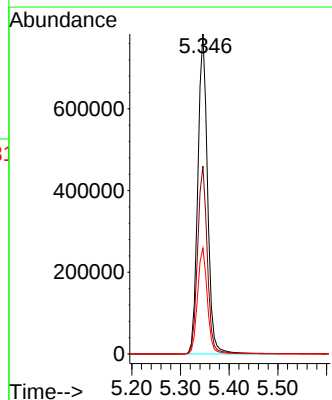
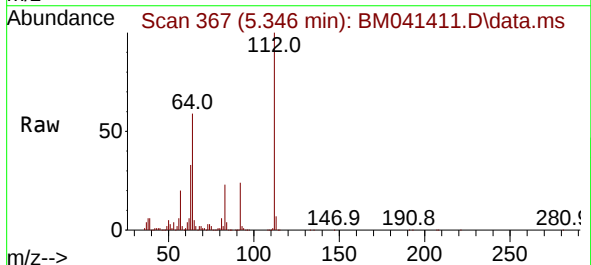
Instrument :
 BNA_M
 ClientSampleId :
 E-1-EPH

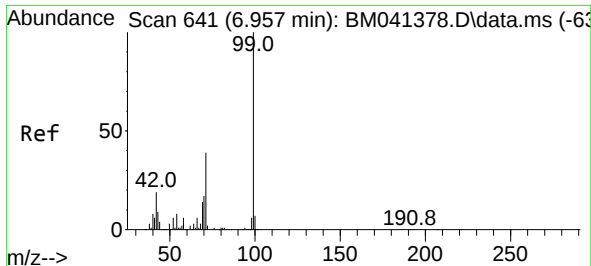
Tgt Ion:152 Resp: 146015
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.5 188.3
 115 58.4 48.0 72.0



#5
 2-Fluorophenol
 Concen: 112.230 ng
 RT: 5.346 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BM041411.D
 Acq: 15 Aug 2023 18:20

Tgt Ion:112 Resp: 1096442
 Ion Ratio Lower Upper
 112 100
 64 58.7 48.5 72.7
 63 33.1 26.5 39.7

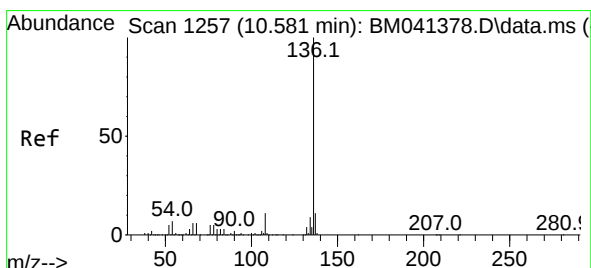
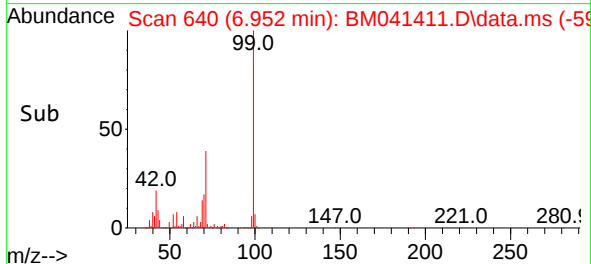
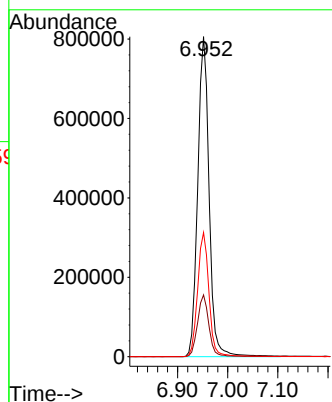
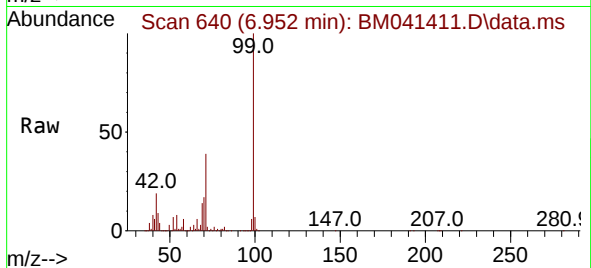




#7
Phenol-d6
Concen: 100.035 ng
RT: 6.952 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041411.D
Acq: 15 Aug 2023 18:20

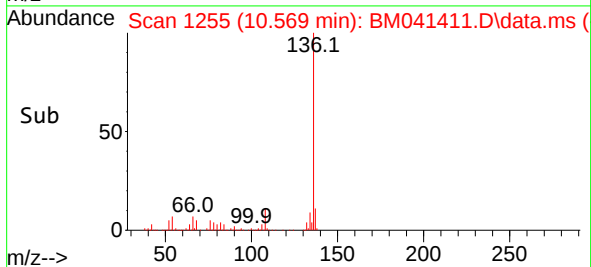
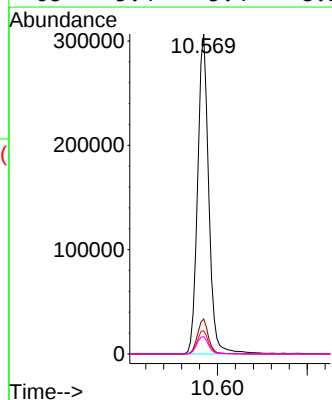
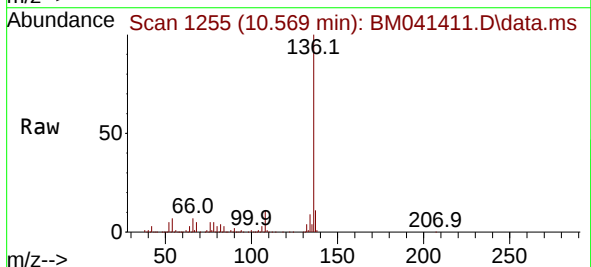
Instrument :
BNA_M
ClientSampleId :
E-1-EPH

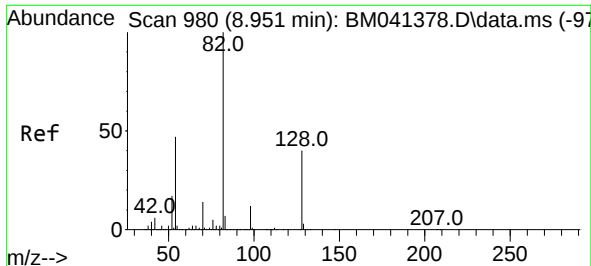
Tgt Ion: 99 Resp: 1266821
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041411.D
Acq: 15 Aug 2023 18:20

Tgt Ion: 136 Resp: 528049
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 6.9 10.3
68 5.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 81.646 ng

RT: 8.946 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041411.D

Acq: 15 Aug 2023 18:20

Instrument :

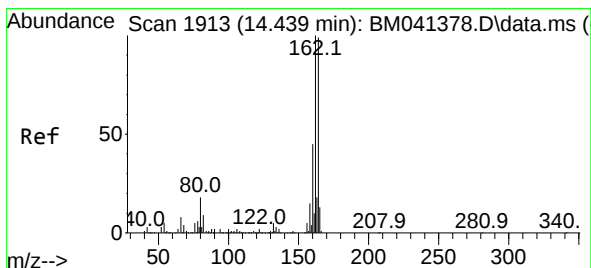
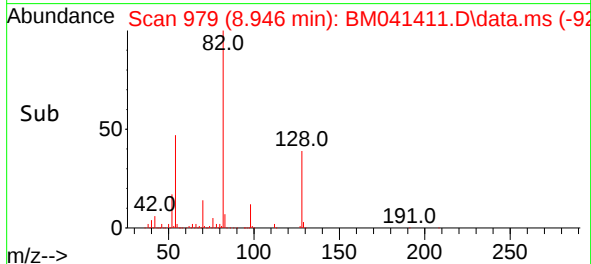
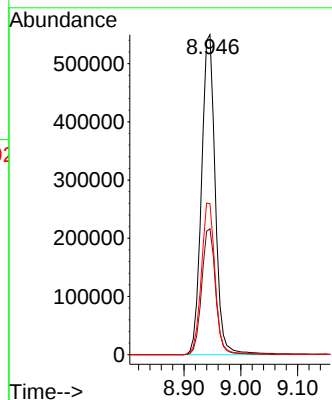
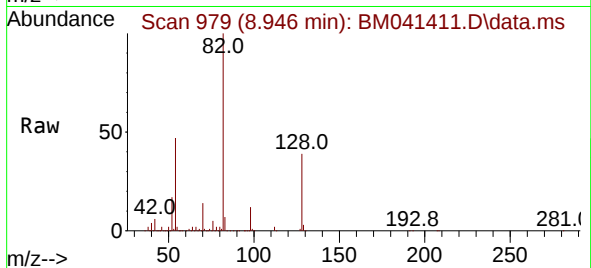
BNA_M

ClientSampleId :

E-1-EPH

Tgt Ion: 82 Resp: 927074

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.8	47.6
54	47.2	40.1	60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1911

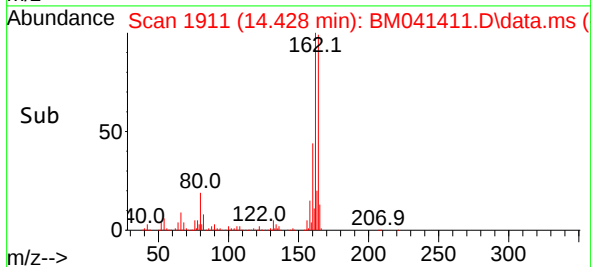
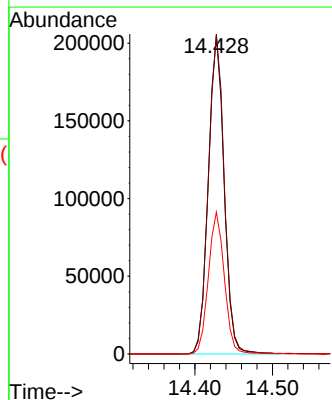
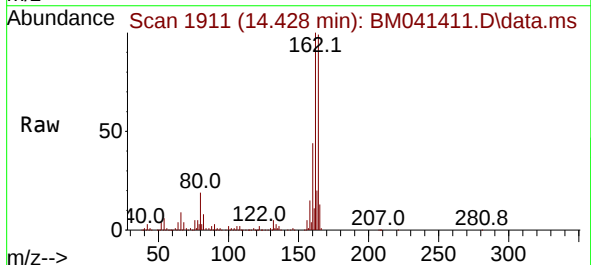
Delta R.T. -0.012 min

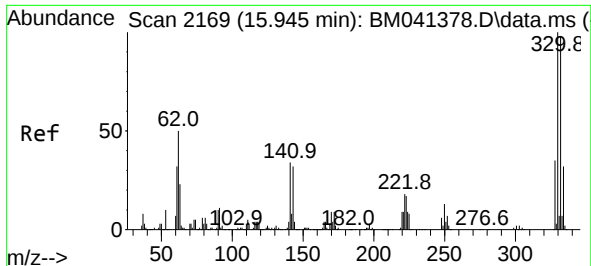
Lab File: BM041411.D

Acq: 15 Aug 2023 18:20

Tgt Ion: 164 Resp: 290737

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.4	120.6
160	44.6	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 123.804 ng

RT: 15.933 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM041411.D

Acq: 15 Aug 2023 18:20

Instrument :

BNA_M

ClientSampleId :

E-1-EPH

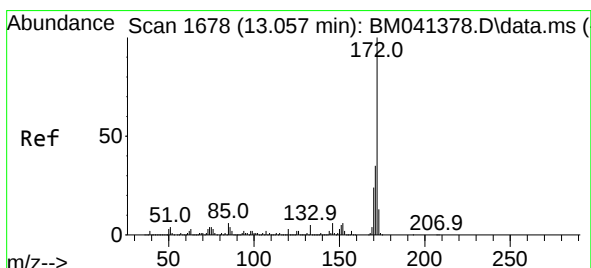
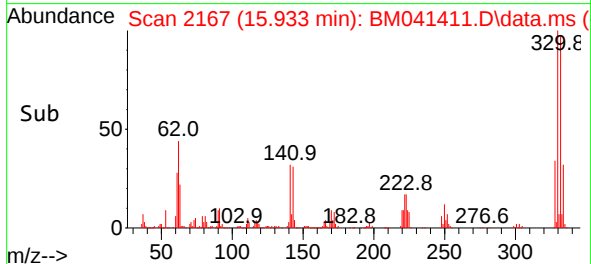
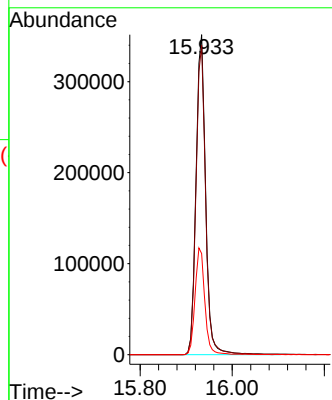
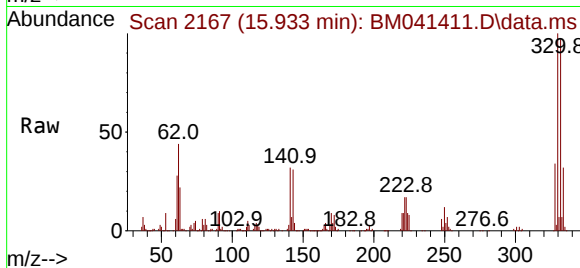
Tgt Ion:330 Resp: 509120

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 33.9 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 82.006 ng

RT: 13.045 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BM041411.D

Acq: 15 Aug 2023 18:20

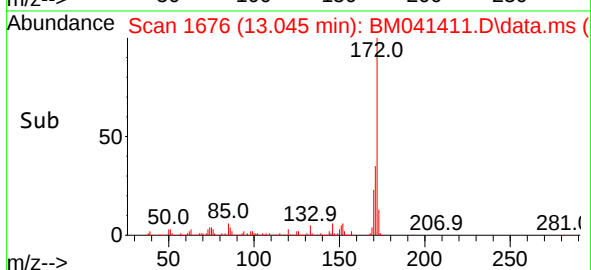
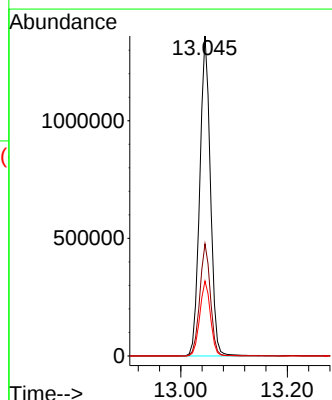
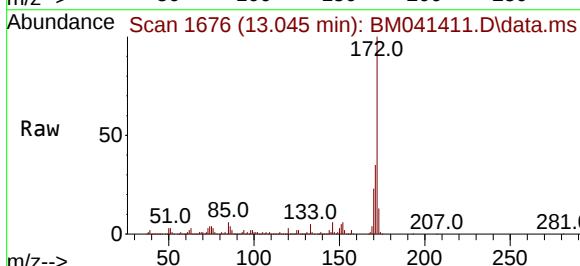
Tgt Ion:172 Resp: 1887360

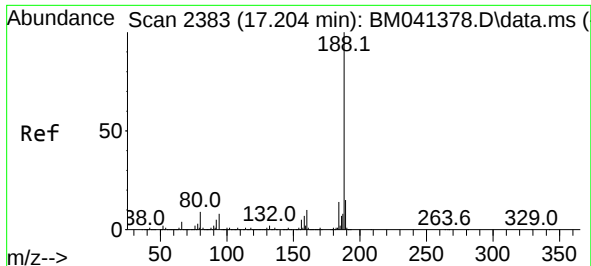
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.4 18.9 28.3

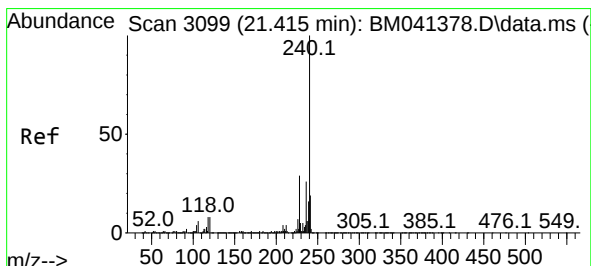
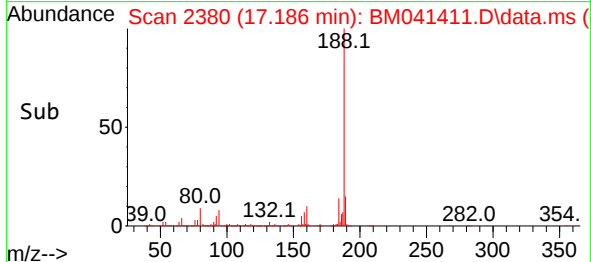
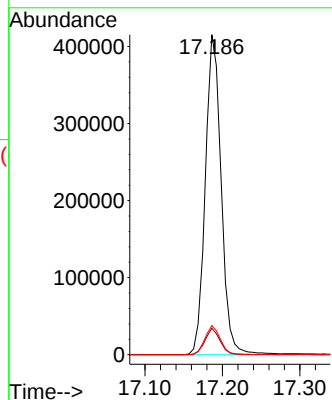
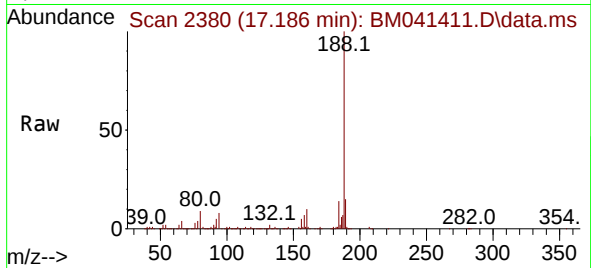




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM041411.D
Acq: 15 Aug 2023 18:20

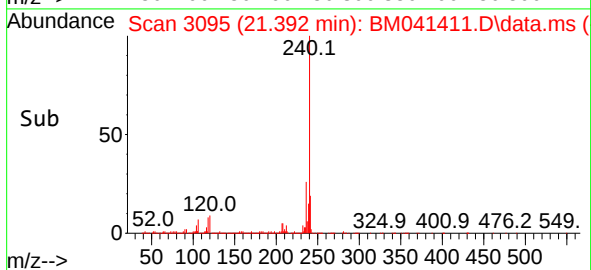
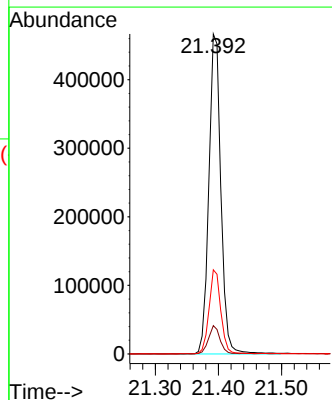
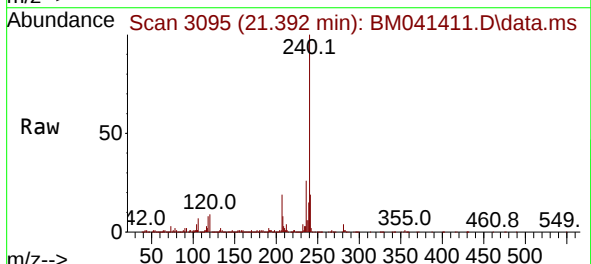
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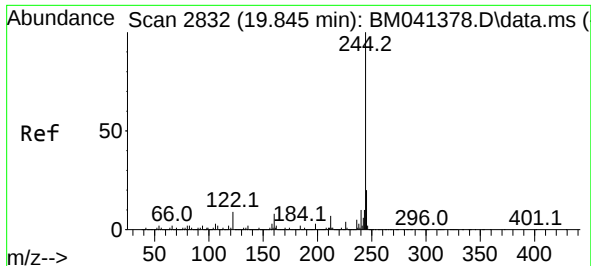
Tgt Ion:188 Resp: 590652
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3095
Delta R.T. -0.023 min
Lab File: BM041411.D
Acq: 15 Aug 2023 18:20

Tgt Ion:240 Resp: 618635
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 26.3 20.6 30.8

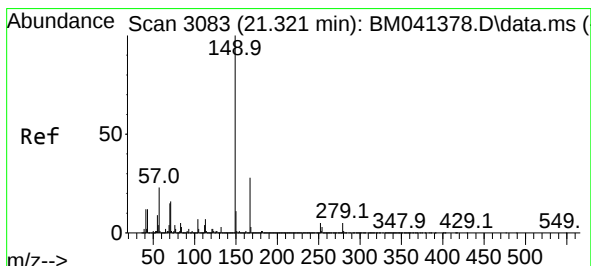
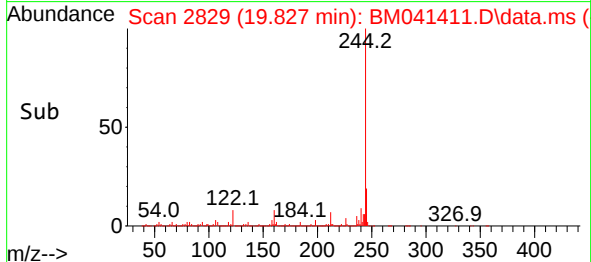
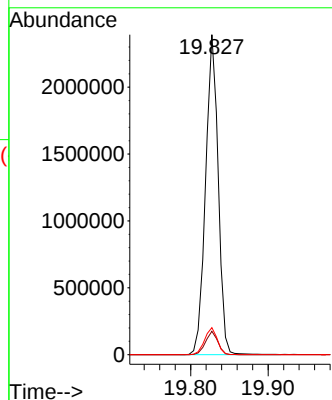
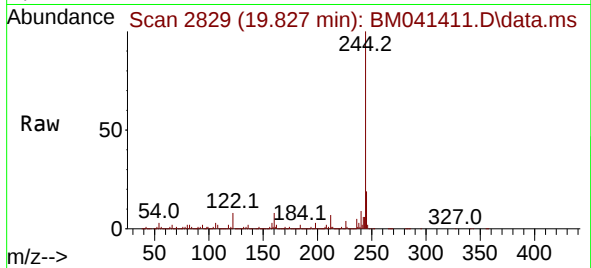




#79
 Terphenyl-d14
 Concen: 78.995 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM041411.D
 Acq: 15 Aug 2023 18:20

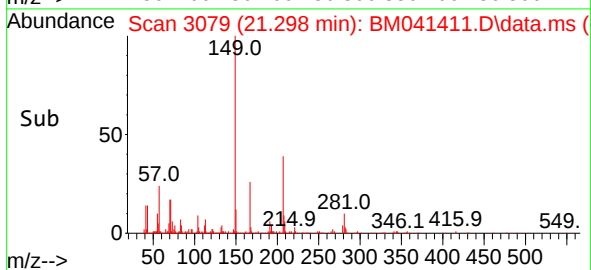
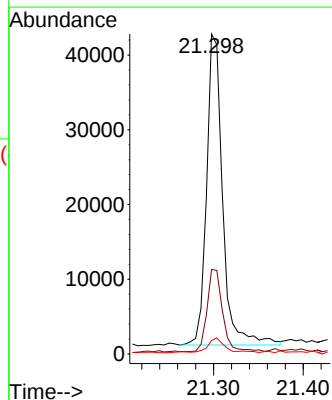
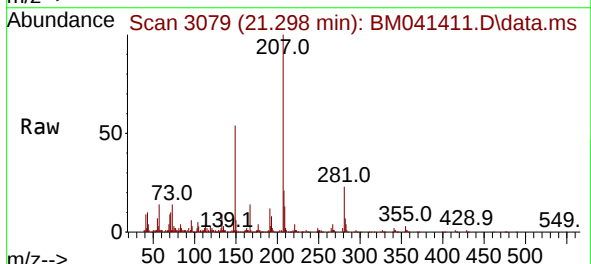
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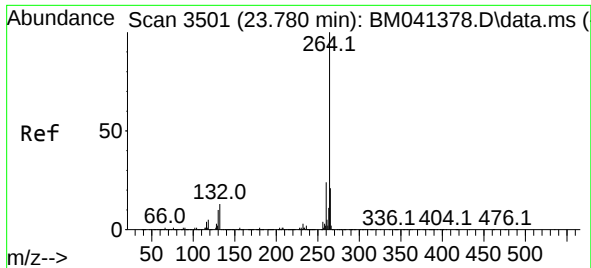
Tgt Ion:244 Resp: 2702866
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.5 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.490 ng
 RT: 21.298 min Scan# 3079
 Delta R.T. -0.023 min
 Lab File: BM041411.D
 Acq: 15 Aug 2023 18:20

Tgt Ion:149 Resp: 51687
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.6
 279 4.3 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 34
Delta R.T. -0.023 min
Lab File: BM041411.D
Acq: 15 Aug 2023 18:20

Instrument :
BNA_M
ClientSampleId :
E-1-EPH

Tgt Ion:264 Resp: 782182

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.7	17.4	26.0

