

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041412.D
 Acq On : 15 Aug 2023 18:57
 Operator : MA/JU
 Sample : 03985-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PNNL-APM2-0811-1

Quant Time: Aug 16 01:12:16 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)

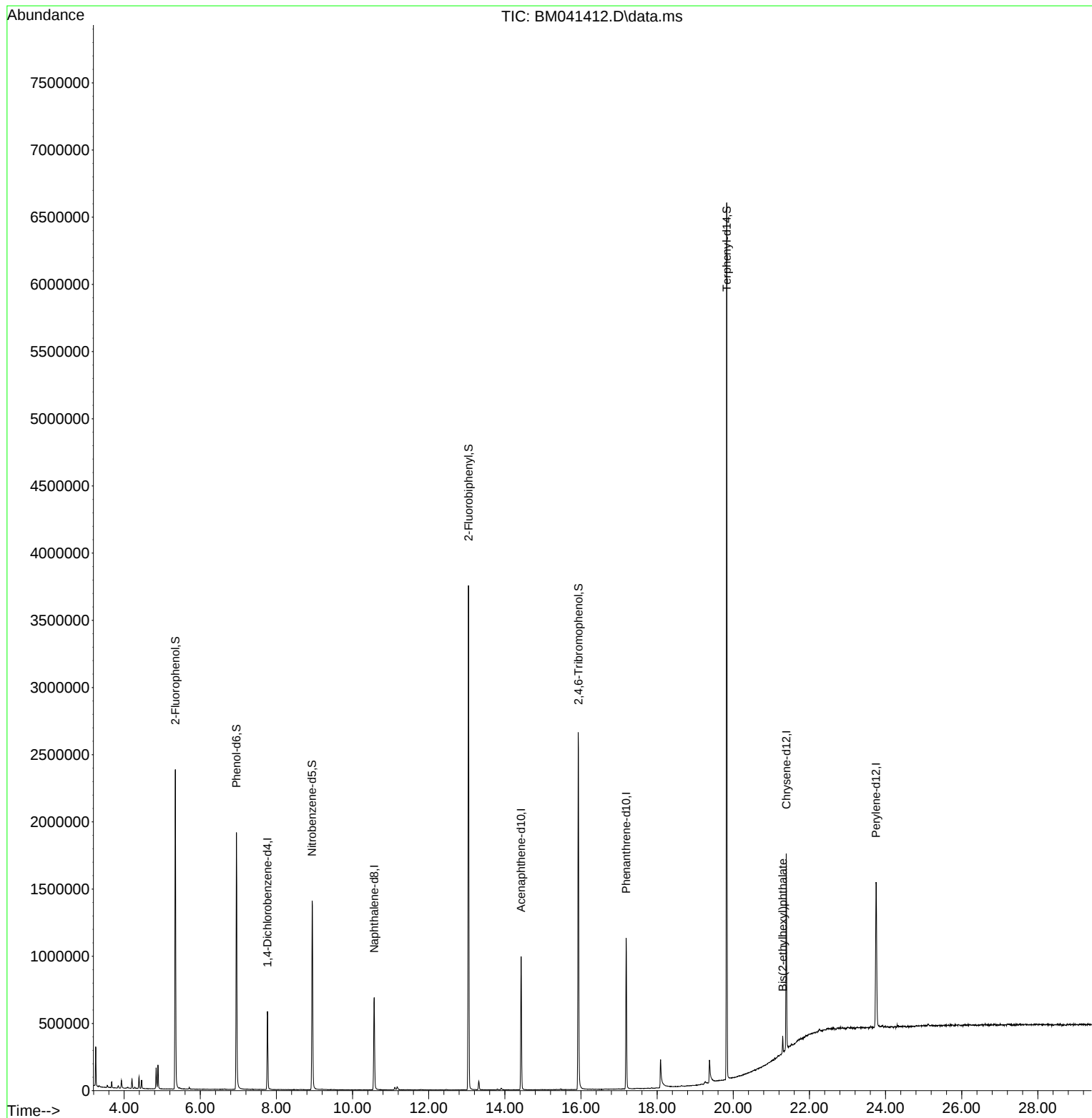
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	151933	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	559033	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	323245	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	668345	20.000	ng	#-0.02
76) Chrysene-d12	21.391	240	687187	20.000	ng	-0.02
86) Perylene-d12	23.750	264	835454	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	924306	90.925	ng	0.00
7) Phenol-d6	6.951	99	1037202	78.713	ng	0.00
23) Nitrobenzene-d5	8.939	82	830555	69.092	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	508095	111.129	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1784551	69.741	ng	-0.01
79) Terphenyl-d14	19.827	244	2836910	74.642	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.297	149	42947	3.999	ng	Qvalue 99

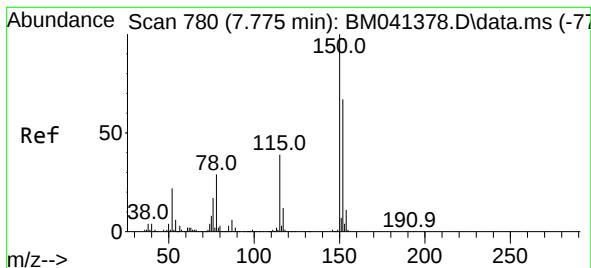
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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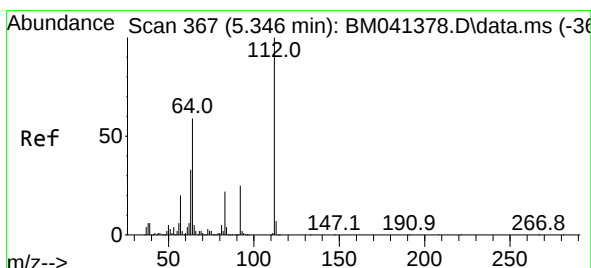
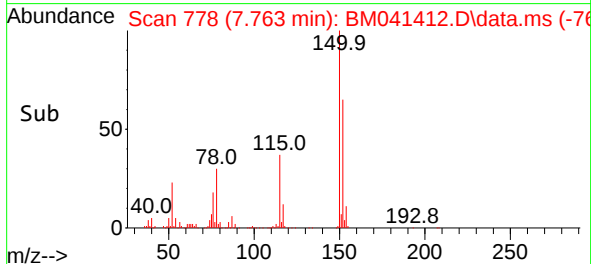
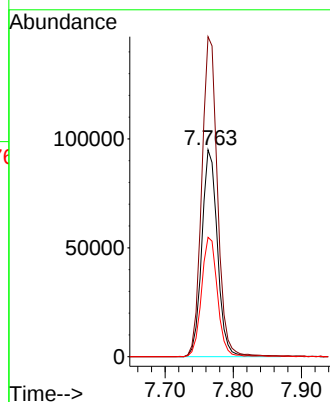
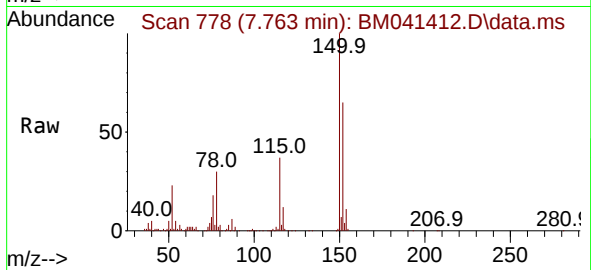




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BM041412.D
 Acq: 15 Aug 2023 18:57

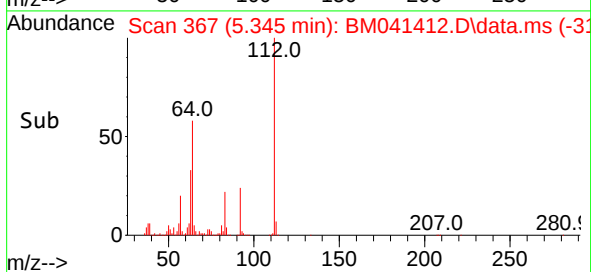
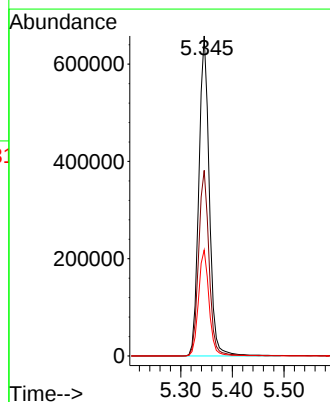
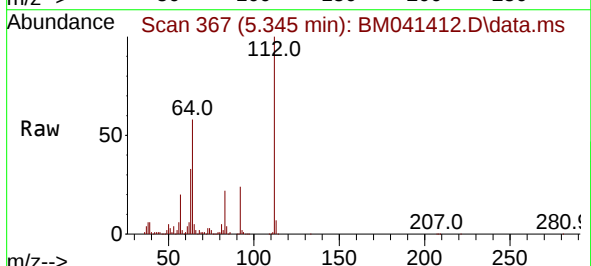
Instrument :
 BNA_M
 ClientSampleId :
 PNNL-APM2-0811-1

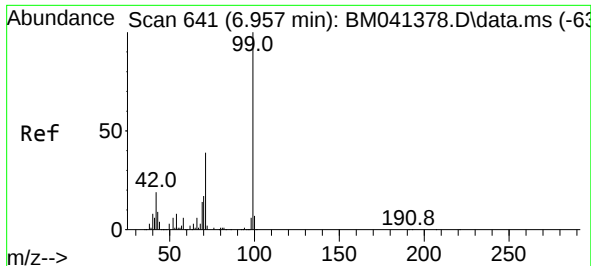
Tgt Ion:152 Resp: 151933
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.5 188.3
 115 57.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 90.925 ng
 RT: 5.345 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BM041412.D
 Acq: 15 Aug 2023 18:57

Tgt Ion:112 Resp: 924306
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.5 72.7
 63 33.1 26.5 39.7



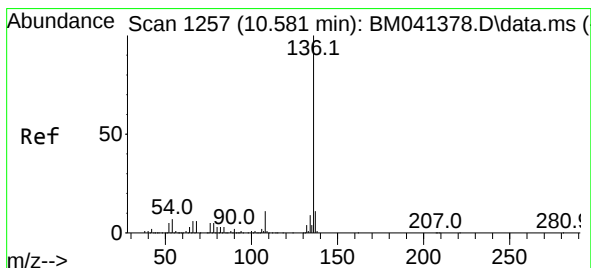
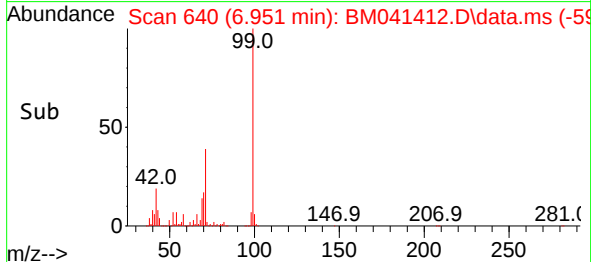
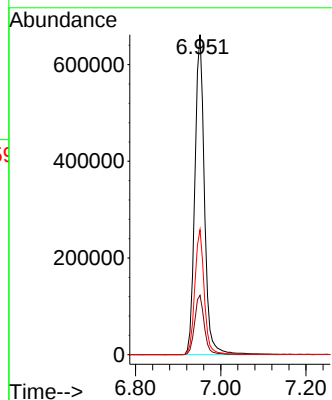
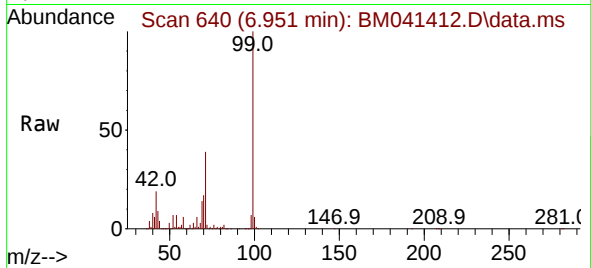


#7
Phenol-d6
Concen: 78.713 ng
RT: 6.951 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041412.D
Acq: 15 Aug 2023 18:57

Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

Tgt Ion: 99 Resp: 1037202

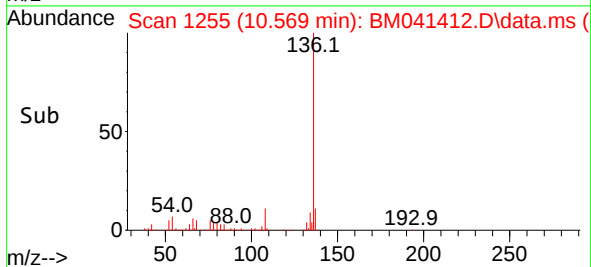
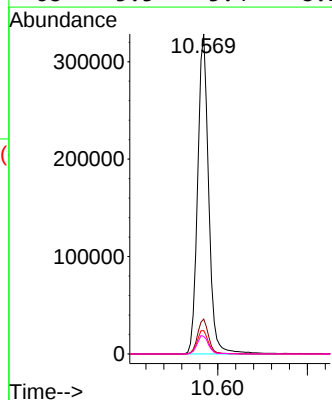
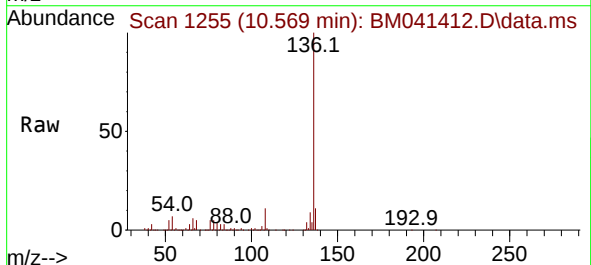
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.4	23.0
71	39.1	28.2	42.4

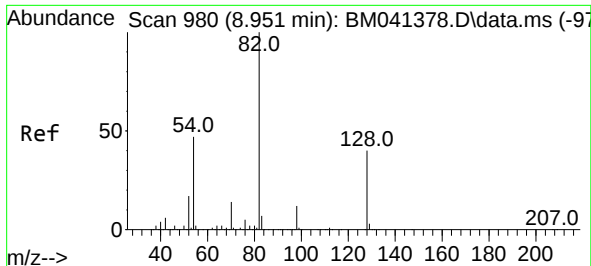


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041412.D
Acq: 15 Aug 2023 18:57

Tgt Ion: 136 Resp: 559033

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	6.9	10.3
68	5.5	5.4	8.2

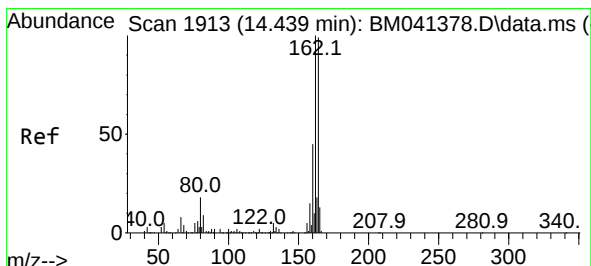
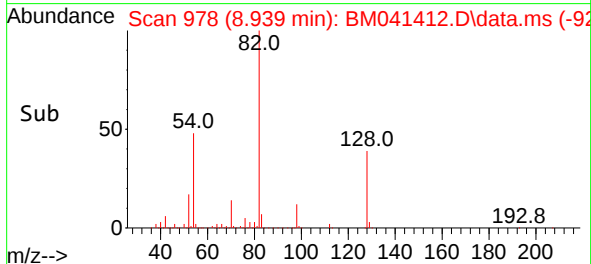
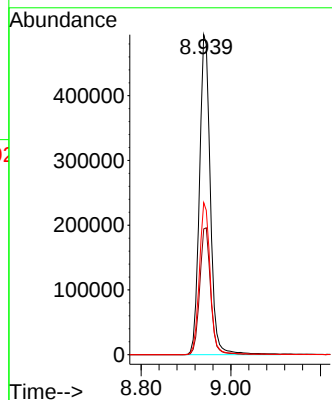
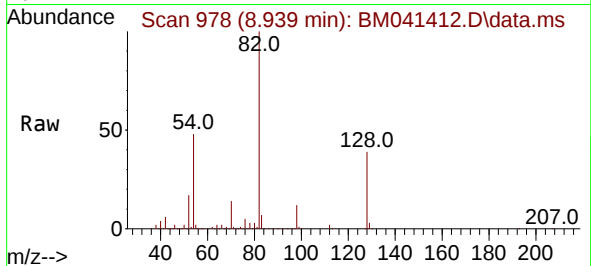




#23
Nitrobenzene-d5
Concen: 69.092 ng
RT: 8.939 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM041412.D
Acq: 15 Aug 2023 18:57

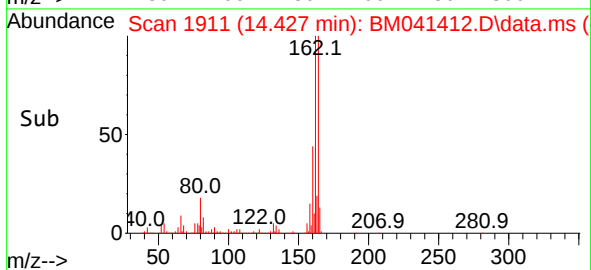
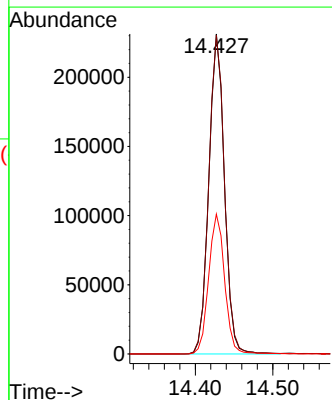
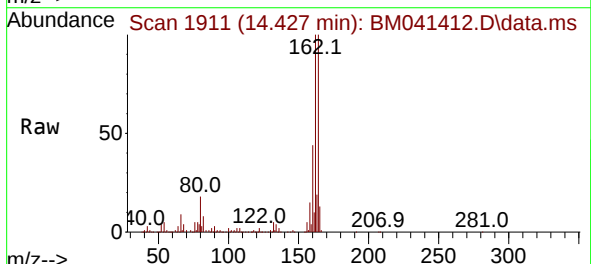
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

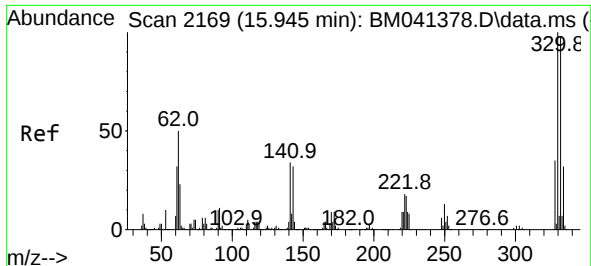
Tgt Ion: 82 Resp: 830555
Ion Ratio Lower Upper
82 100
128 39.3 31.8 47.6
54 47.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM041412.D
Acq: 15 Aug 2023 18:57

Tgt Ion: 164 Resp: 323245
Ion Ratio Lower Upper
164 100
162 99.6 80.4 120.6
160 43.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 111.129 ng

RT: 15.933 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041412.D

Acq: 15 Aug 2023 18:57

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1

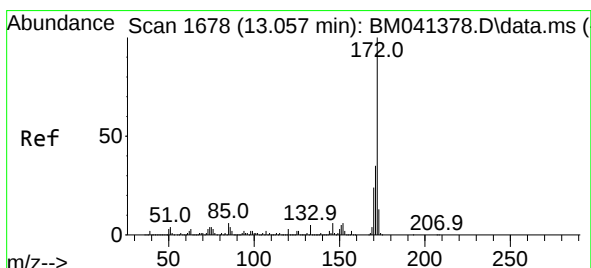
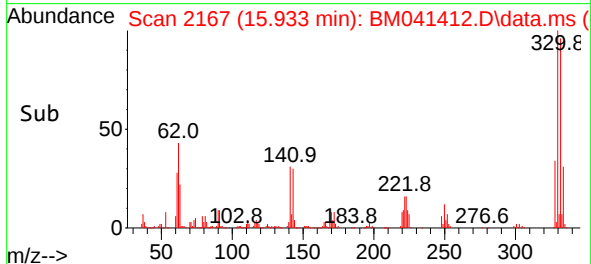
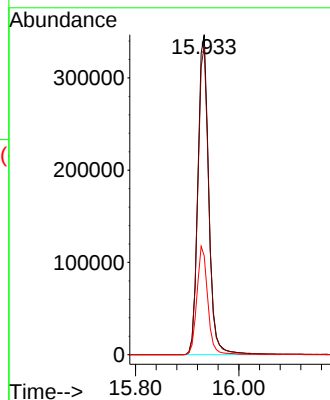
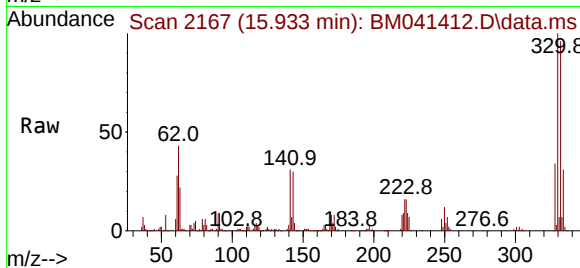
Tgt Ion:330 Resp: 508095

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 33.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 13.045 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BM041412.D

Acq: 15 Aug 2023 18:57

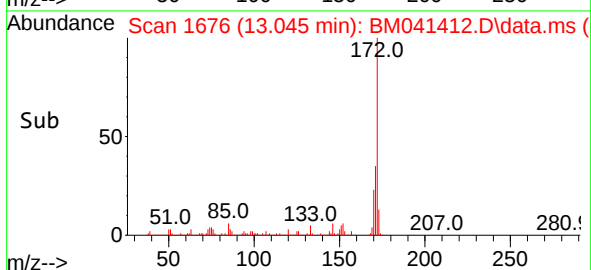
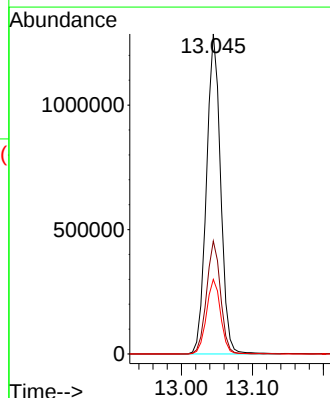
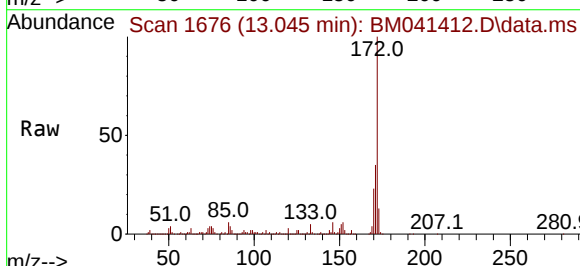
Tgt Ion:172 Resp: 1784551

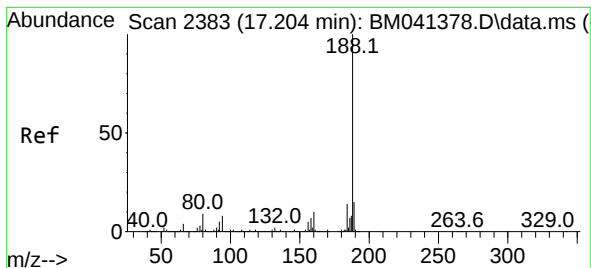
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041412.D

Acq: 15 Aug 2023 18:57

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1

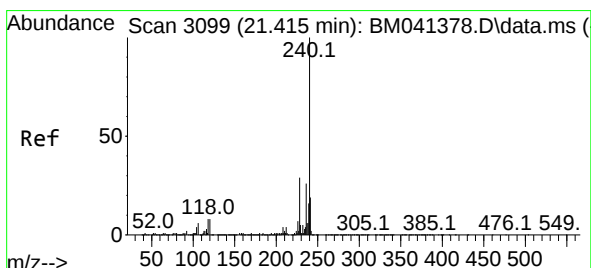
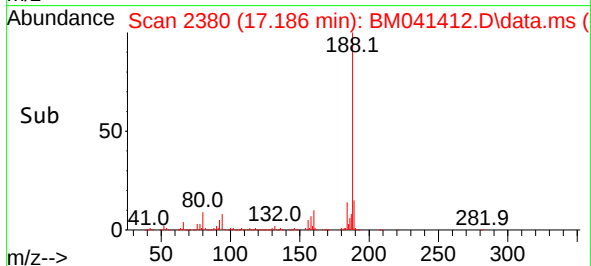
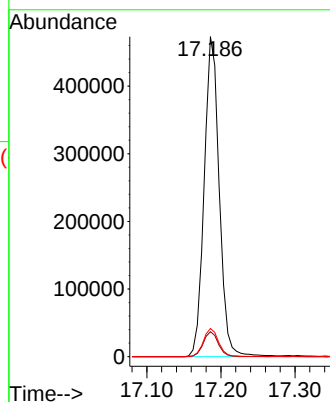
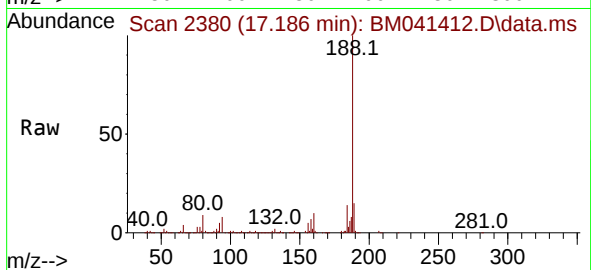
Tgt Ion:188 Resp: 668345

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

80 8.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.391 min Scan# 3095

Delta R.T. -0.024 min

Lab File: BM041412.D

Acq: 15 Aug 2023 18:57

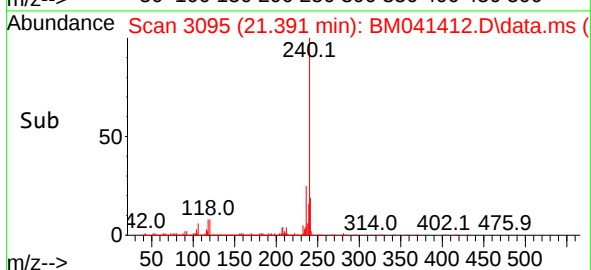
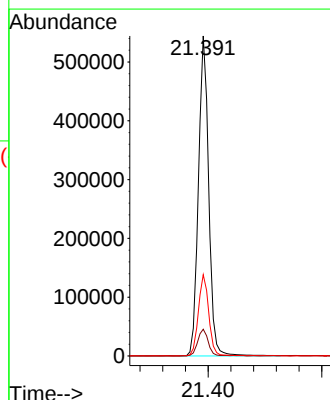
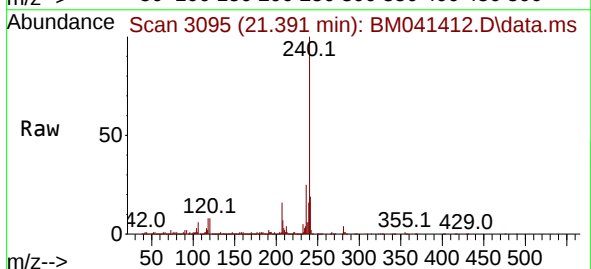
Tgt Ion:240 Resp: 687187

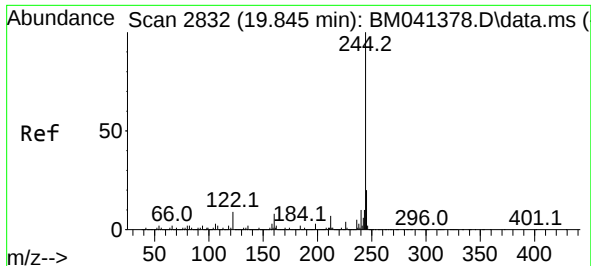
Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5

236 25.4 20.6 30.8

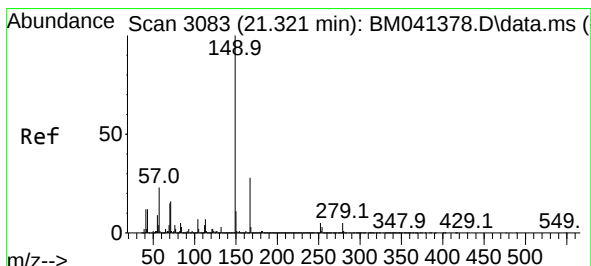
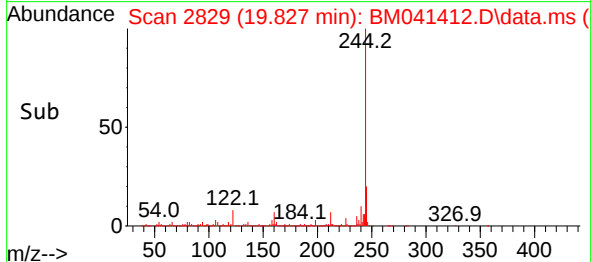
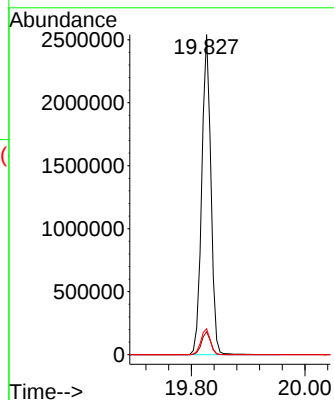
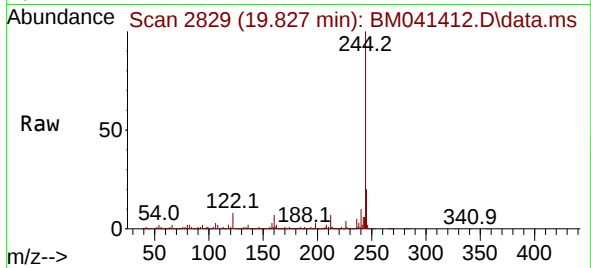




#79
 Terphenyl-d14
 Concen: 74.642 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM041412.D
 Acq: 15 Aug 2023 18:57

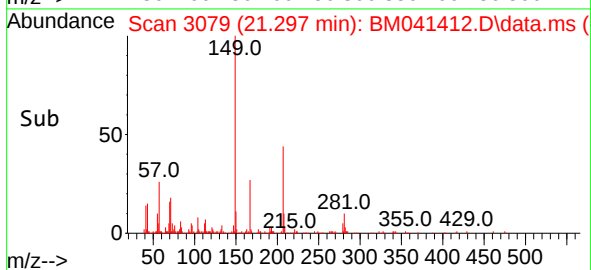
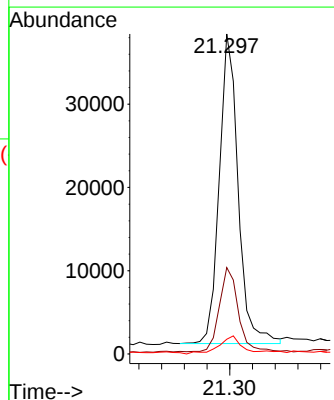
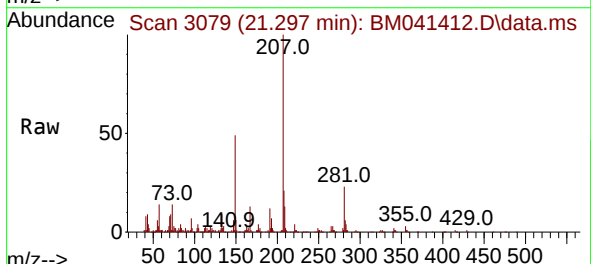
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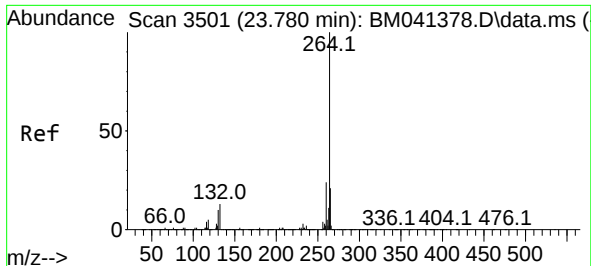
Tgt Ion:244 Resp: 2836910
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.1 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.999 ng
 RT: 21.297 min Scan# 3079
 Delta R.T. -0.024 min
 Lab File: BM041412.D
 Acq: 15 Aug 2023 18:57

Tgt Ion:149 Resp: 42947
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.6
 279 4.6 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.750 min Scan# 34
Delta R.T. -0.030 min
Lab File: BM041412.D
Acq: 15 Aug 2023 18:57

Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

Tgt Ion:264 Resp: 835454

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.0	17.4	26.0

