

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041409.D
 Acq On : 15 Aug 2023 17:05
 Operator : MA/JU
 Sample : 03985-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 16 01:11:25 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)

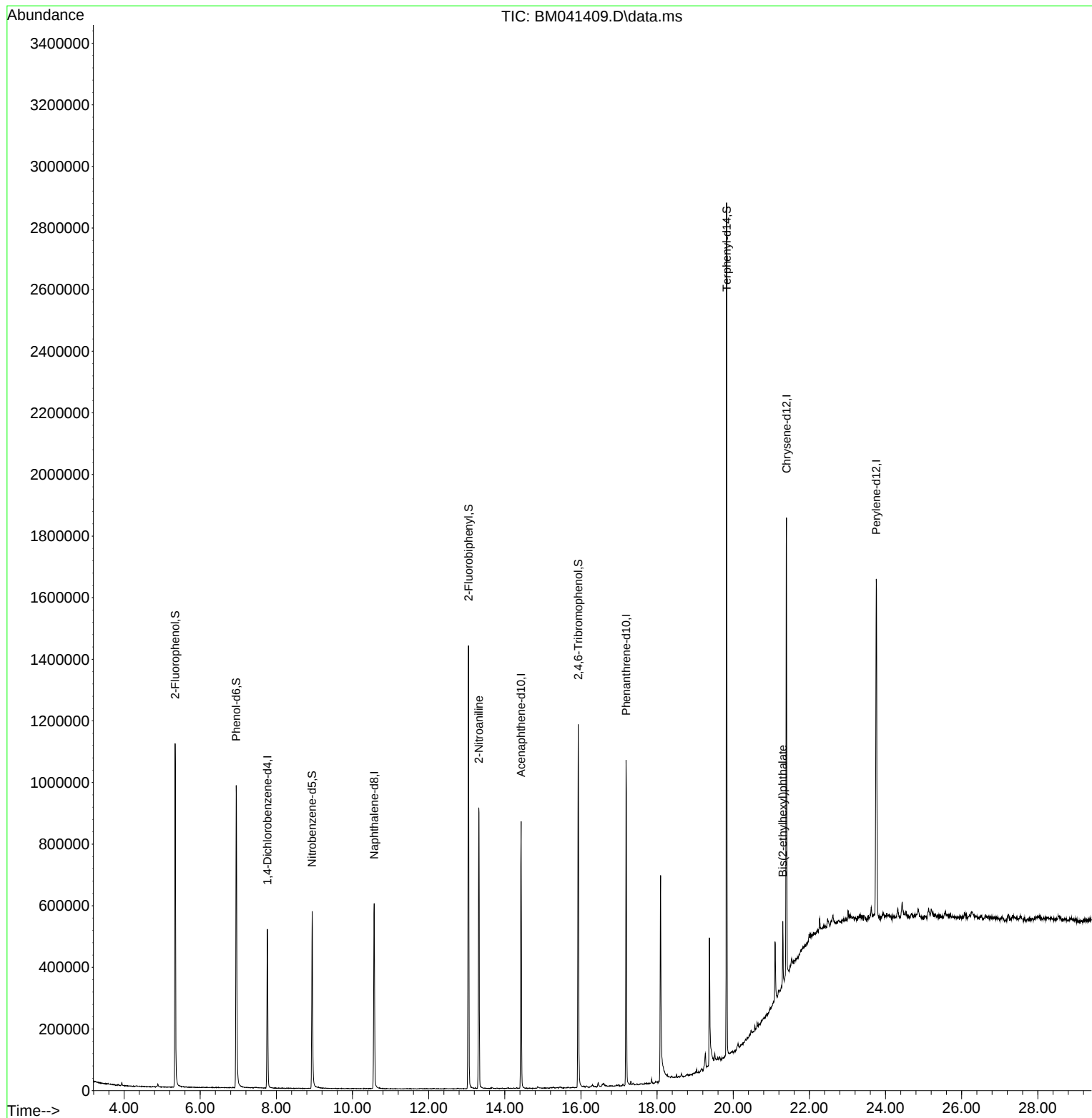
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	134721	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	488419	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	281363	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	627580	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	688788	20.000	ng	#-0.02
86) Perylene-d12	23.756	264	829713	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	467074	51.817	ng	0.00
7) Phenol-d6	6.946	99	572166	48.969	ng	-0.01
23) Nitrobenzene-d5	8.940	82	353063	33.617	ng	-0.01
42) 2,4,6-Tribromophenol	15.927	330	216621	54.431	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	714594	32.083	ng	-0.01
79) Terphenyl-d14	19.827	244	1205526	31.645	ng	-0.02
Target Compounds						
48) 2-Nitroaniline	13.316	65	18332	3.372	ng	# 15
84) Bis(2-ethylhexyl)phtha...	21.303	149	73262	5.023	ng	# 99

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

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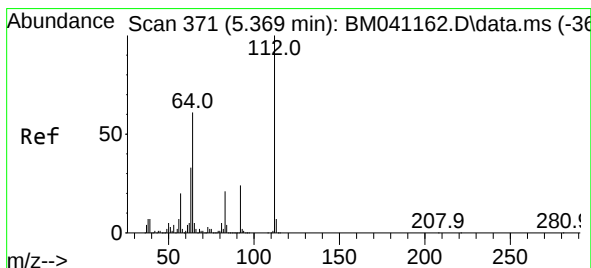
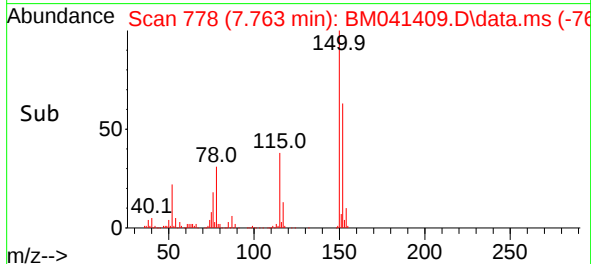
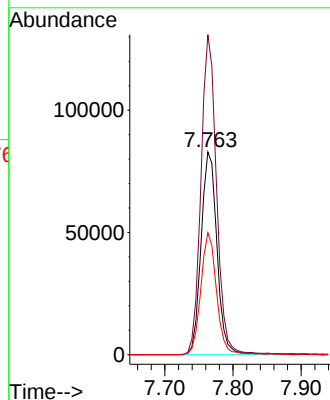
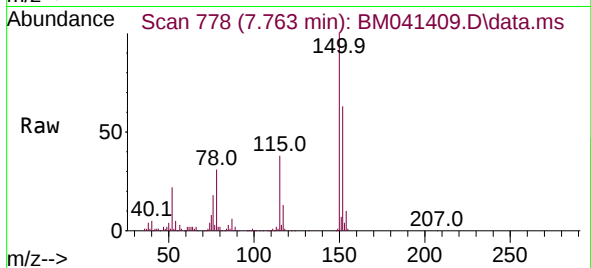




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

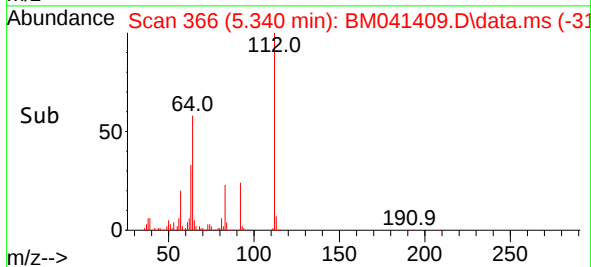
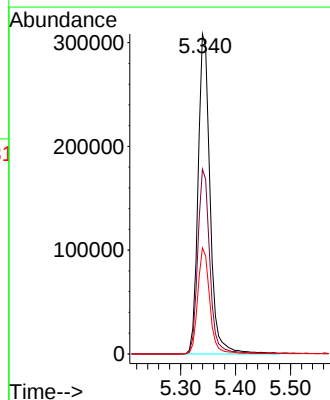
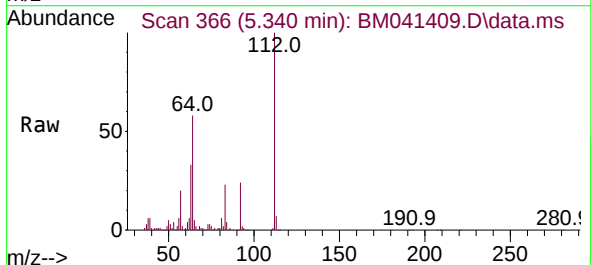
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

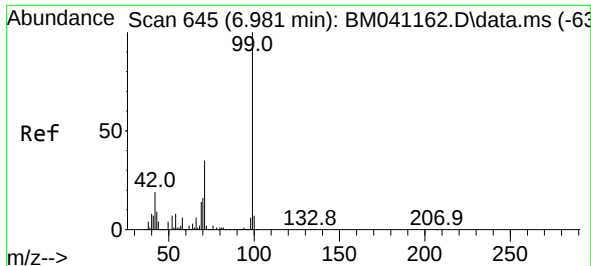
Tgt Ion:152 Resp: 134721
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 60.1 48.0 72.0



#5
2-Fluorophenol
Concen: 51.817 ng
RT: 5.340 min Scan# 366
Delta R.T. -0.006 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion:112 Resp: 467074
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 33.1 26.5 39.7

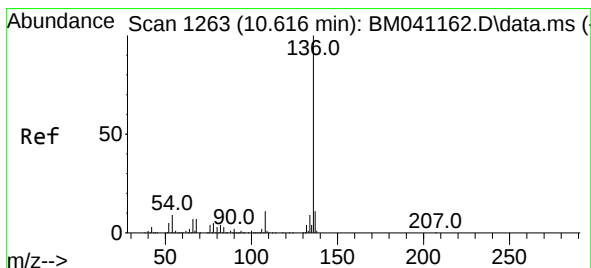
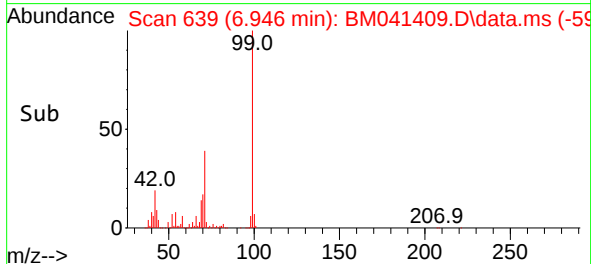
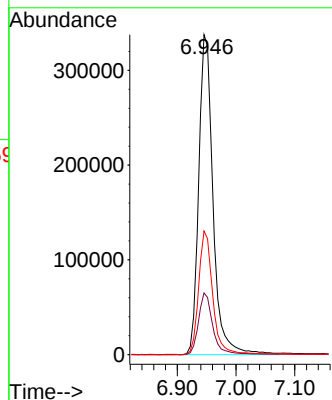
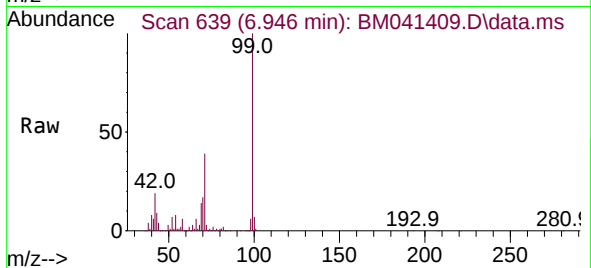




#7
Phenol-d6
Concen: 48.969 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

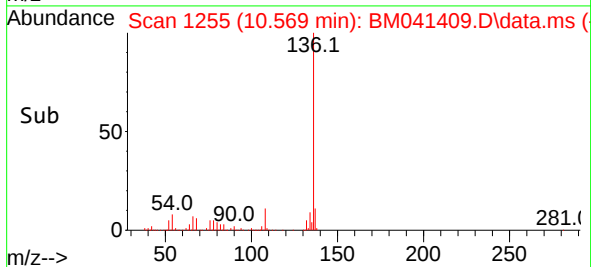
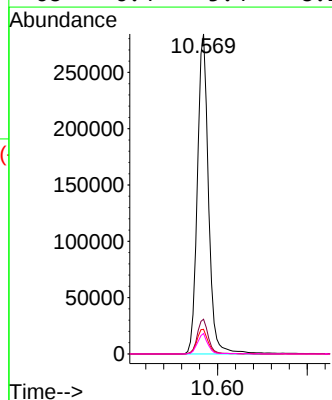
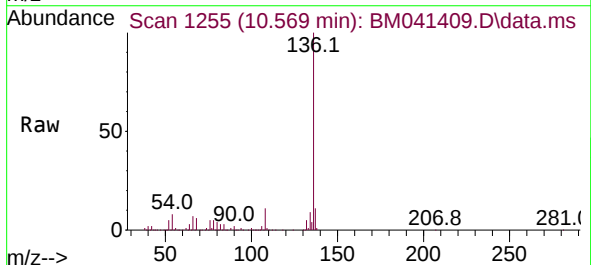
Instrument :
BNA_M
ClientSampleId :
PNNL-APM2-0811-1

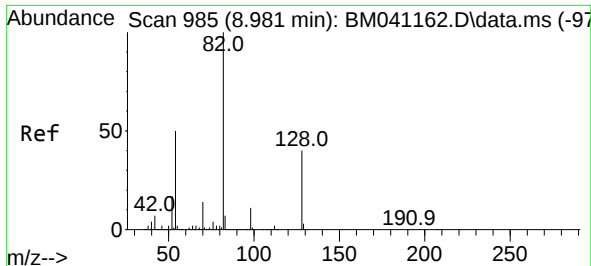
Tgt Ion: 99 Resp: 572166
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion: 136 Resp: 488419
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.9 10.3
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 33.617 ng

RT: 8.940 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1

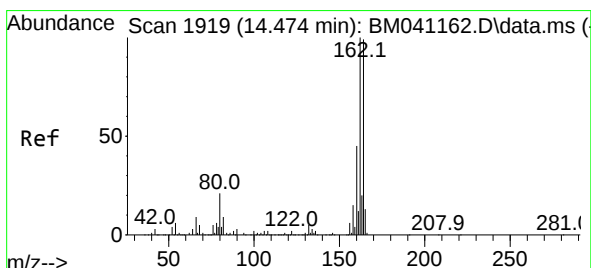
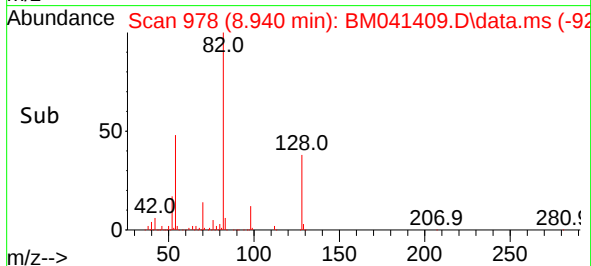
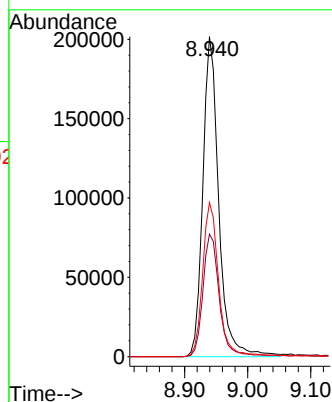
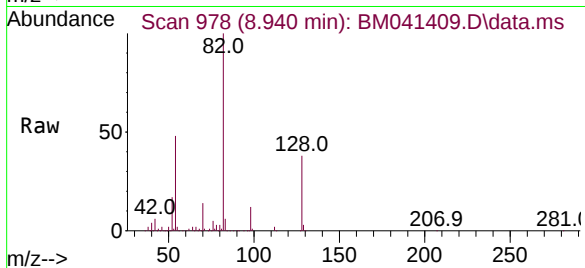
Tgt Ion: 82 Resp: 353063

Ion Ratio Lower Upper

82 100

128 38.3 31.8 47.6

54 48.1 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: BM041409.D

Acq: 15 Aug 2023 17:05

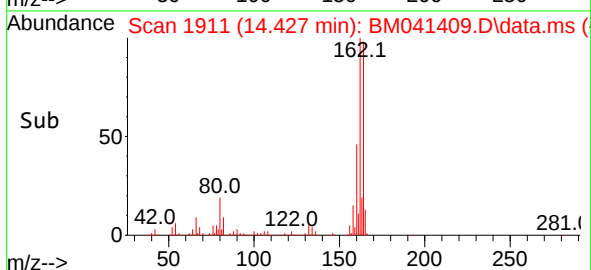
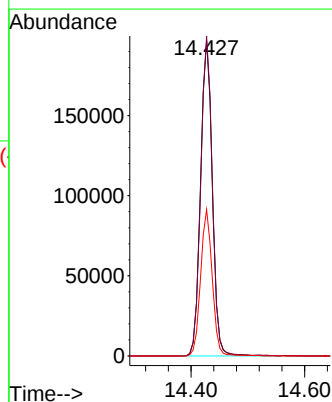
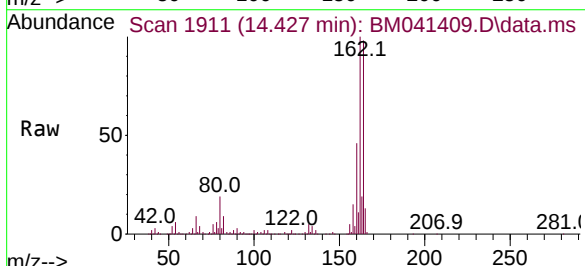
Tgt Ion: 164 Resp: 281363

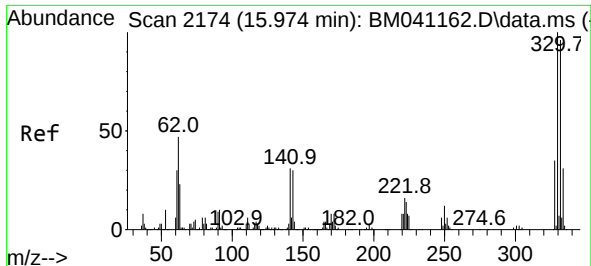
Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

160 46.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 54.431 ng

RT: 15.927 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

Instrument :

BNA_M

ClientSampleId :

PNNL-APM2-0811-1

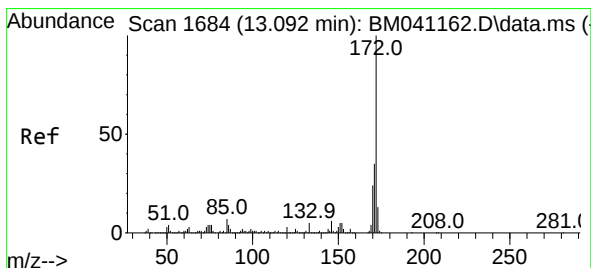
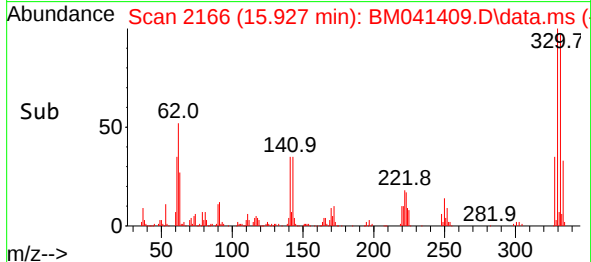
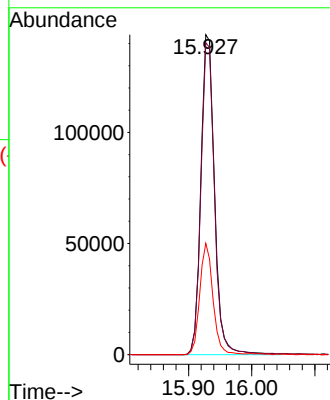
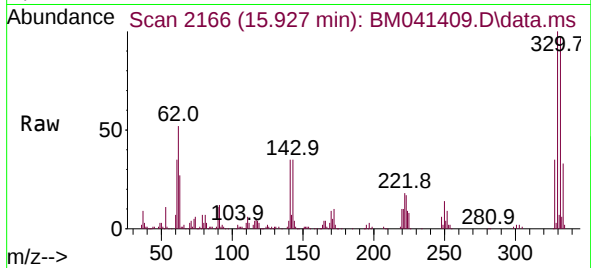
Tgt Ion:330 Resp: 216621

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 33.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 32.083 ng

RT: 13.045 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

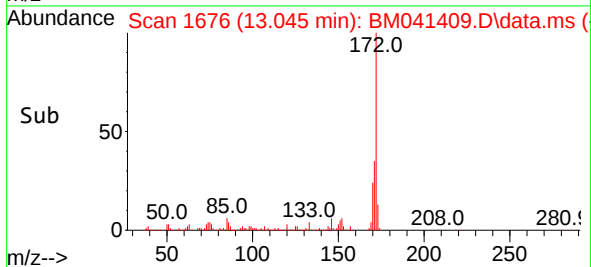
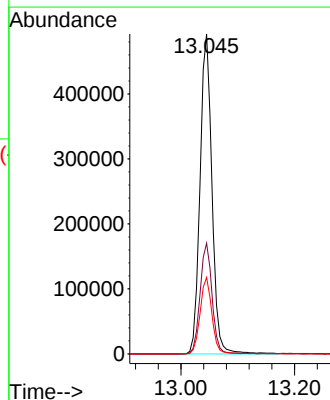
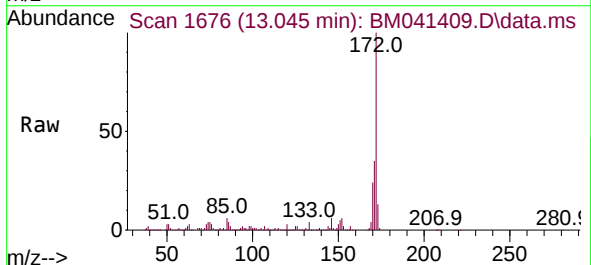
Tgt Ion:172 Resp: 714594

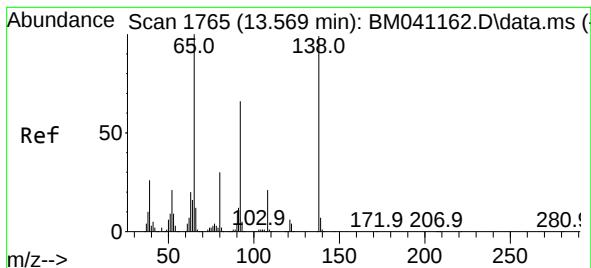
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.9 18.9 28.3





#48

2-Nitroaniline

Concen: 3.372 ng

RT: 13.316 min Scan# 11

Delta R.T. -0.224 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

Instrument :

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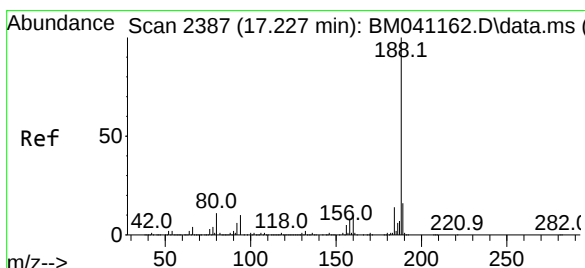
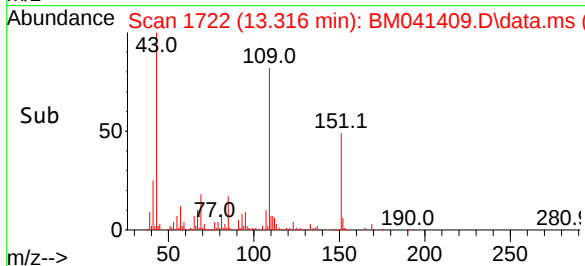
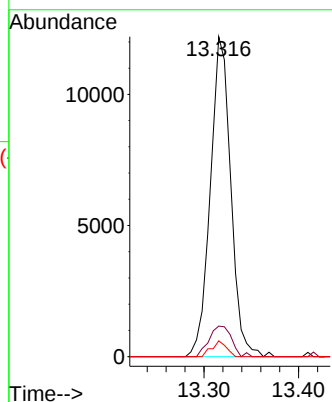
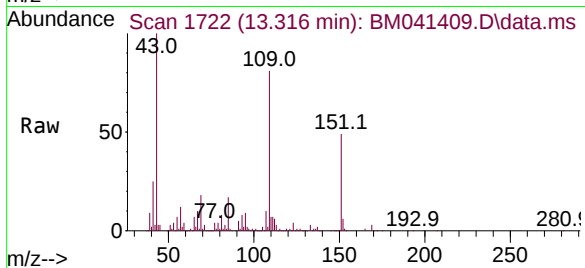
Tgt Ion: 65 Resp: 18332

Ion Ratio Lower Upper

65 100

92 9.5 53.0 79.4#

138 4.9 79.1 118.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.018 min

Lab File: BM041409.D

Acq: 15 Aug 2023 17:05

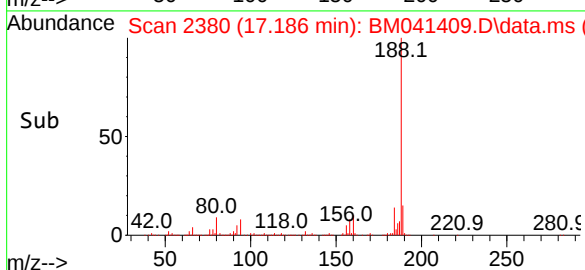
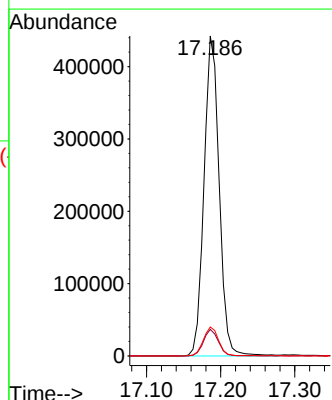
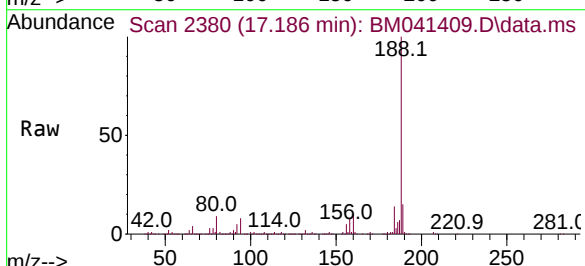
Tgt Ion: 188 Resp: 627580

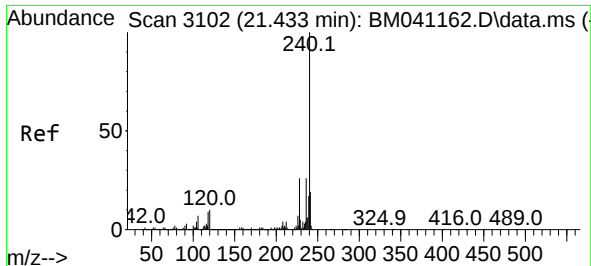
Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.0 8.6 13.0

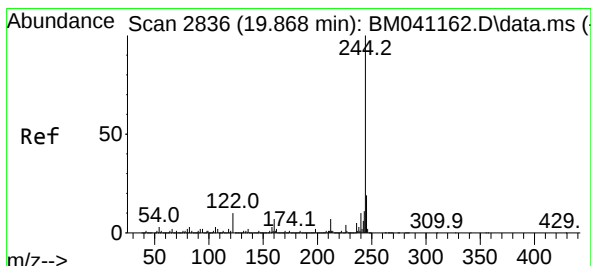
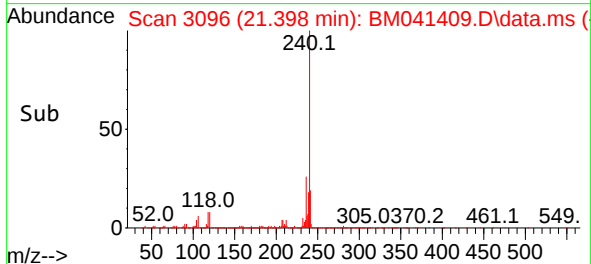
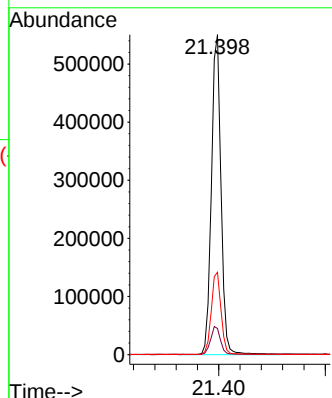
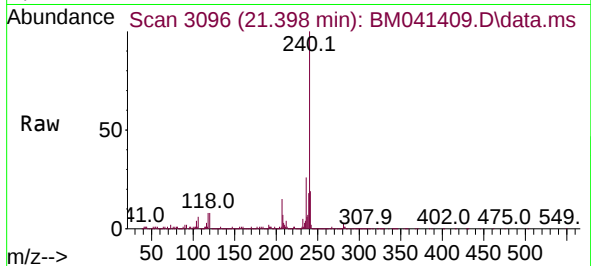




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

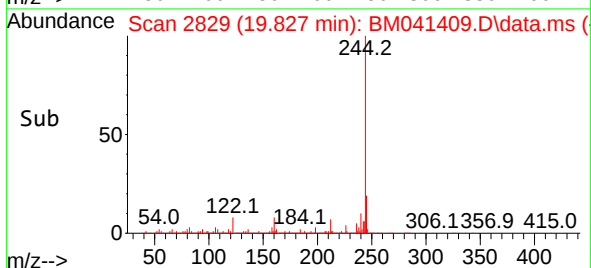
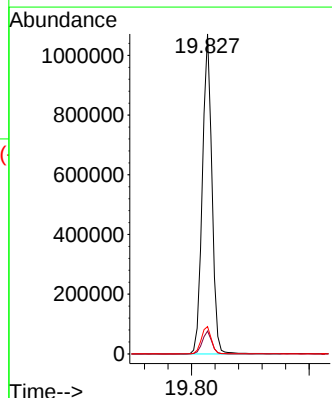
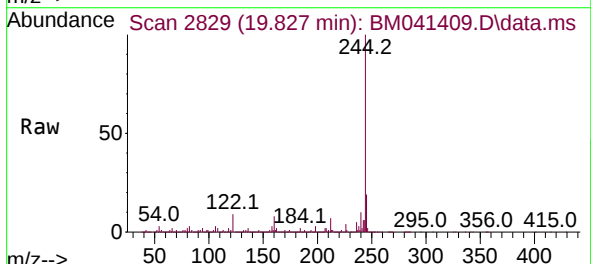
Instrument :
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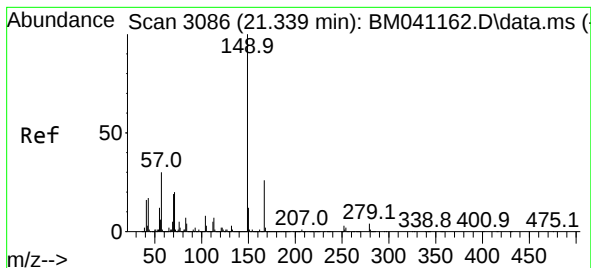
Tgt Ion:240 Resp: 688788
Ion Ratio Lower Upper
240 100
120 8.2 8.3 12.5#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 31.645 ng
RT: 19.827 min Scan# 2829
Delta R.T. -0.018 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion:244 Resp: 1205526
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 8.5 7.8 11.6

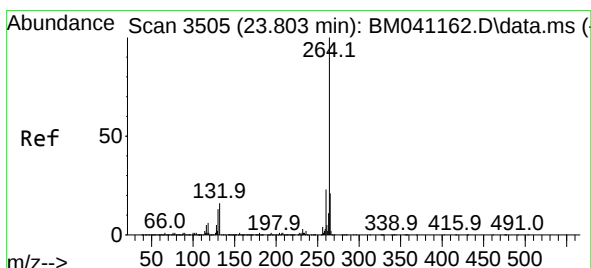
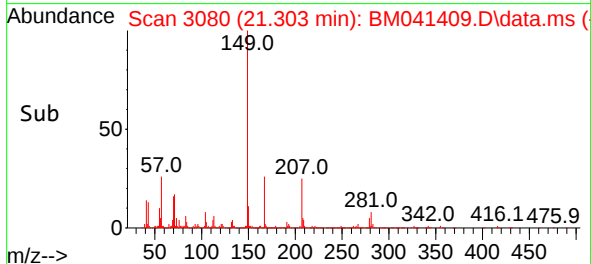
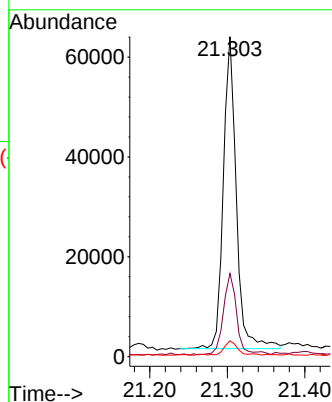
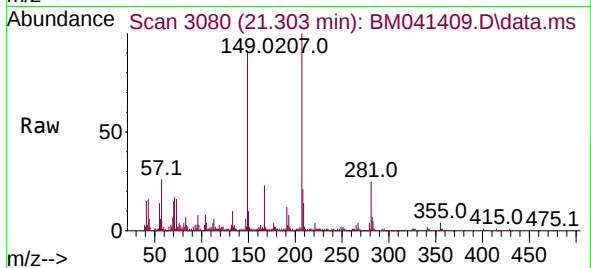




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.023 ng
RT: 21.303 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:149 Resp: 73262
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.6
279 4.9 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3497
Delta R.T. -0.024 min
Lab File: BM041409.D
Acq: 15 Aug 2023 17:05

Tgt Ion:264 Resp: 829713
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.4 17.4 26.0

