

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042479.D
 Acq On : 27 Oct 2023 19:10
 Operator : MA/JU
 Sample : PB156597TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156597TB

Quant Time: Oct 28 00:27:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	145457	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	528407	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	290556	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	534174	20.000	ng	0.00
76) Chrysene-d12	21.562	240	363930	20.000	ng	0.00
86) Perylene-d12	24.021	264	348157	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1322703	128.519	ng	0.00
7) Phenol-d6	7.163	99	1615158	117.105	ng	0.00
23) Nitrobenzene-d5	9.192	82	1044986	87.449	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	473314	146.260	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2046182	94.832	ng	0.00
79) Terphenyl-d14	19.992	244	2434638	118.644	ng	0.00

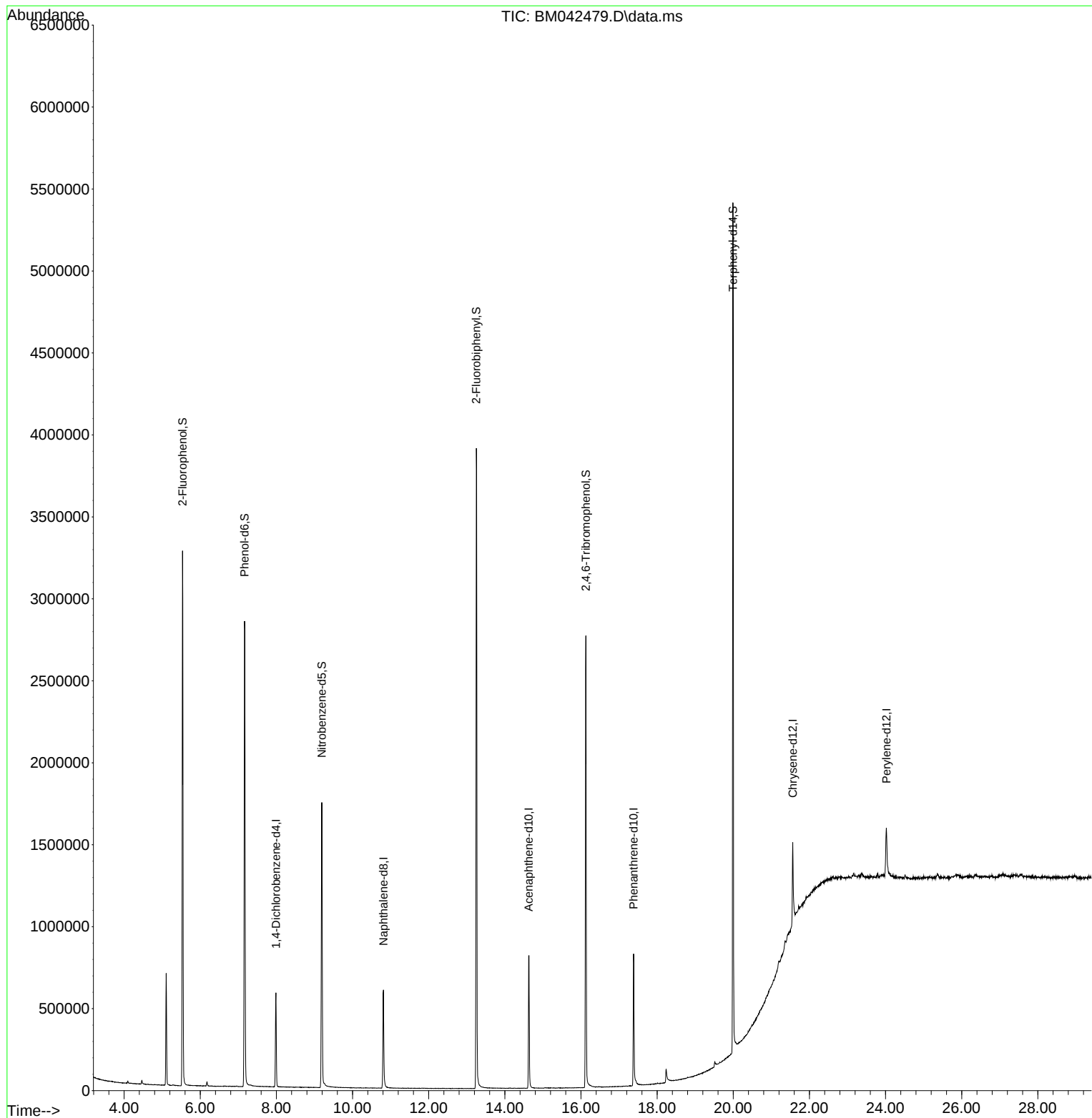
Target Compounds	Qvalue

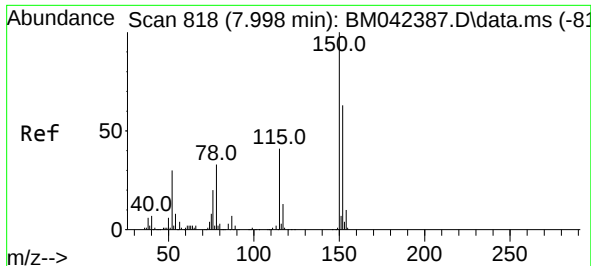
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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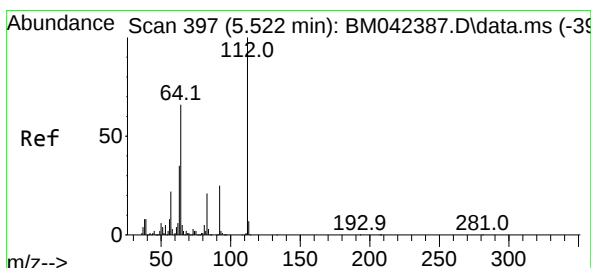
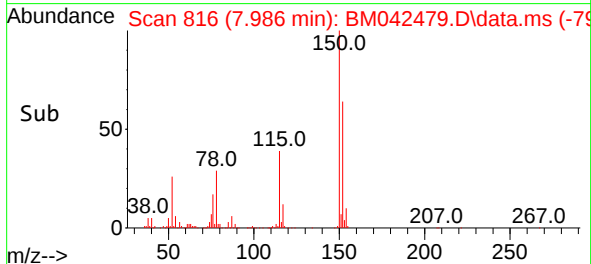
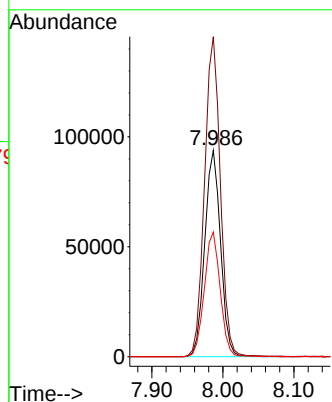
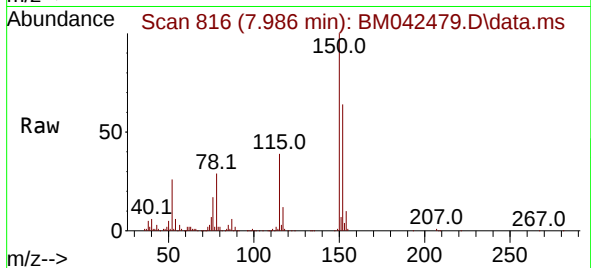




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BM042479.D
 Acq: 27 Oct 2023 19:10

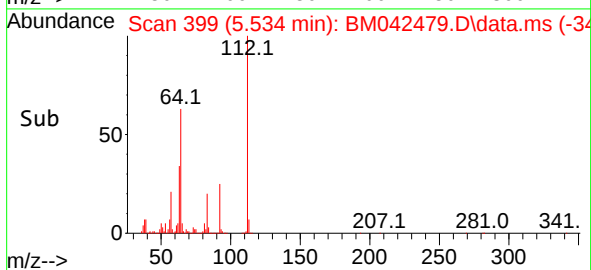
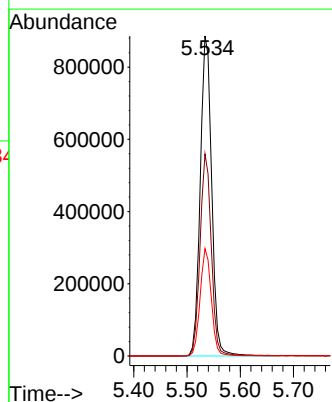
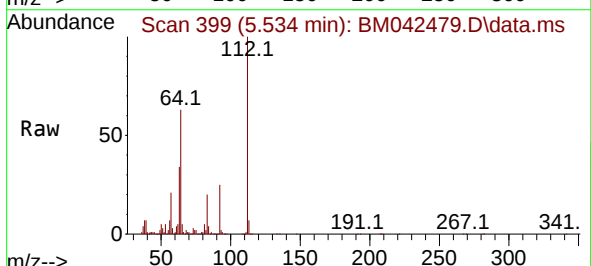
Instrument :
 BNA_M
 ClientSampleId :
 PB156597TB

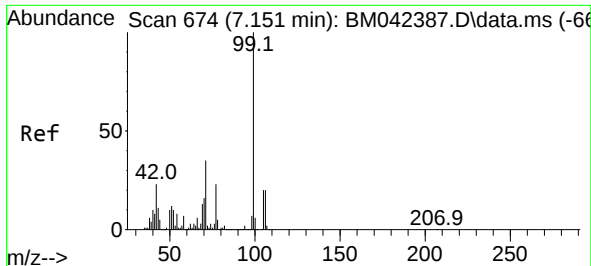
Tgt Ion:152 Resp: 145457
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.4
 115 60.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 128.519 ng
 RT: 5.534 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: BM042479.D
 Acq: 27 Oct 2023 19:10

Tgt Ion:112 Resp: 1322703
 Ion Ratio Lower Upper
 112 100
 64 63.2 52.7 79.1
 63 33.5 28.3 42.5

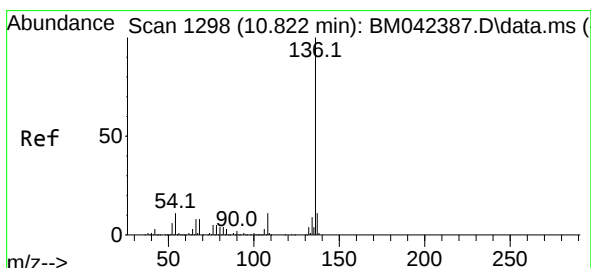
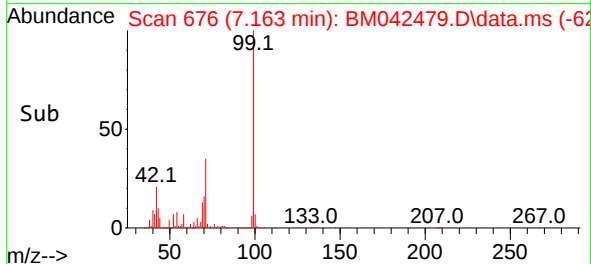
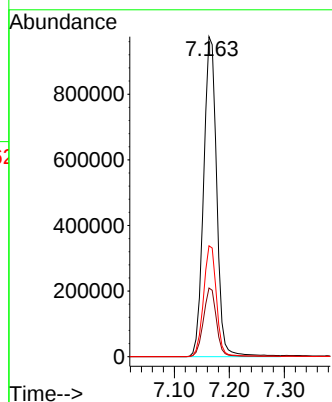
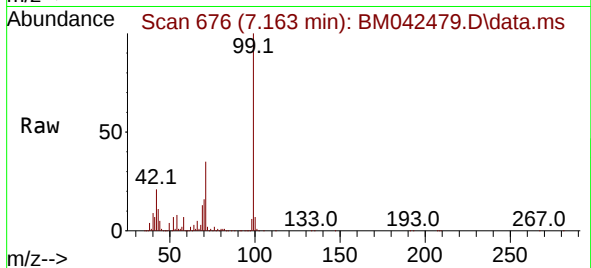




#7
Phenol-d6
Concen: 117.105 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

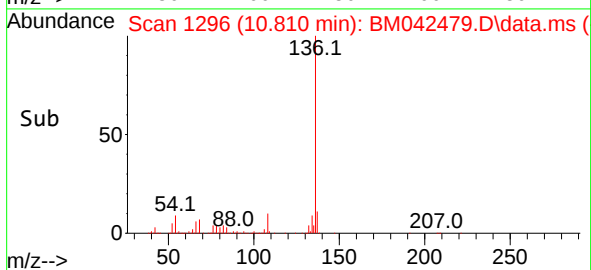
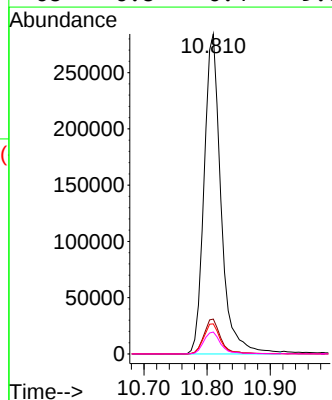
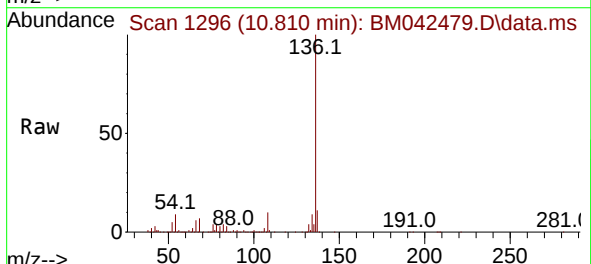
Instrument :
BNA_M
ClientSampleId :
PB156597TB

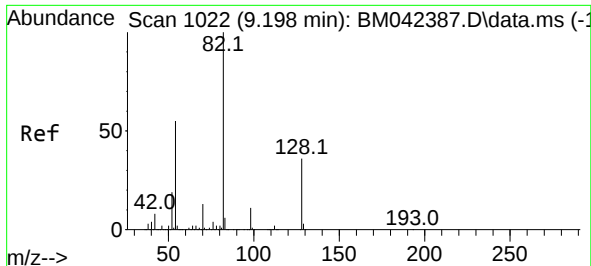
Tgt Ion: 99 Resp: 1615158
Ion Ratio Lower Upper
99 100
42 21.5 18.5 27.7
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

Tgt Ion: 136 Resp: 528407
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.4 8.6 12.8
68 6.8 6.4 9.6

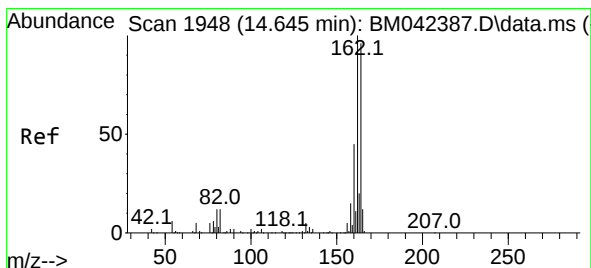
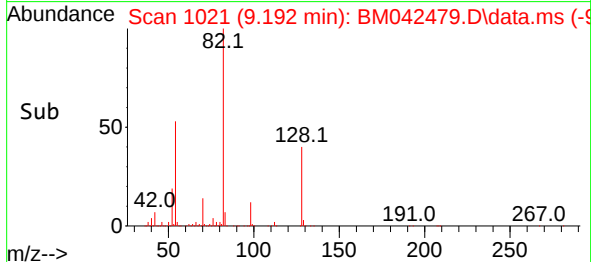
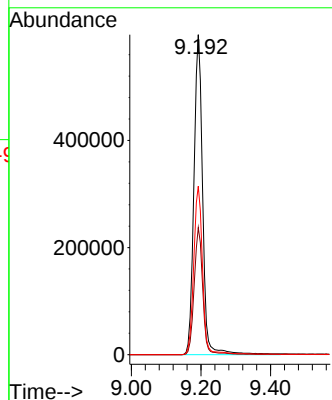
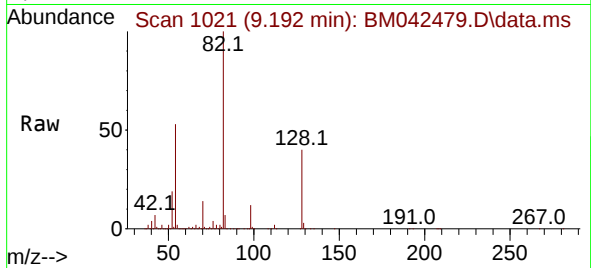




#23
Nitrobenzene-d5
Concen: 87.449 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

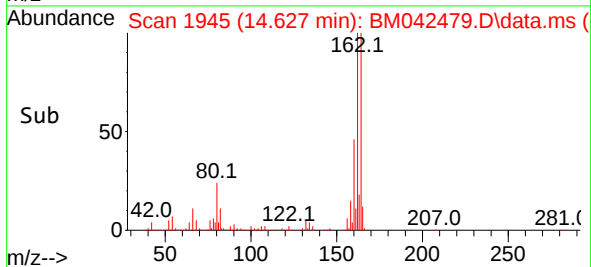
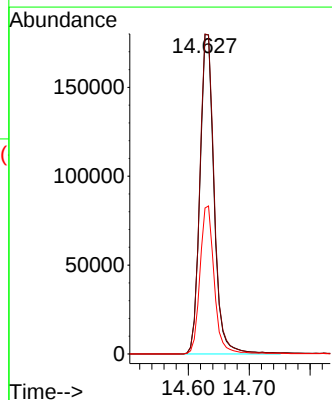
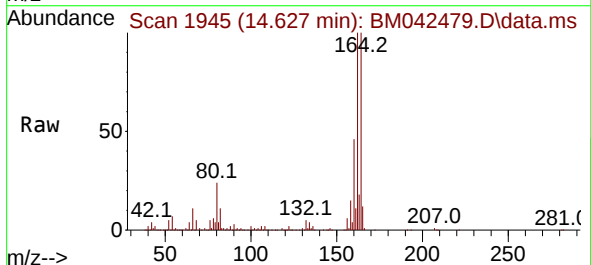
Instrument :
BNA_M
ClientSampleId :
PB156597TB

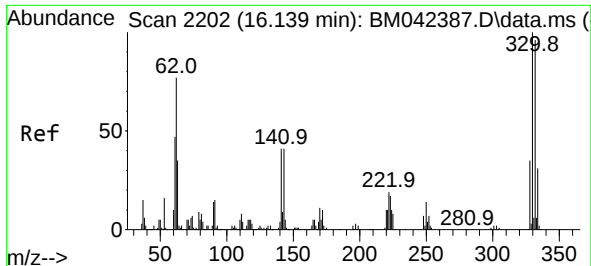
Tgt Ion: 82 Resp: 1044986
Ion Ratio Lower Upper
82 100
128 39.7 29.0 43.6
54 52.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

Tgt Ion: 164 Resp: 290556
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.4
160 45.7 37.0 55.4

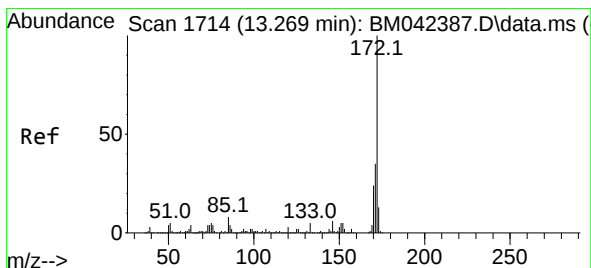
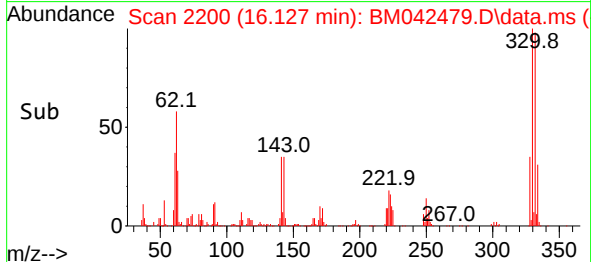
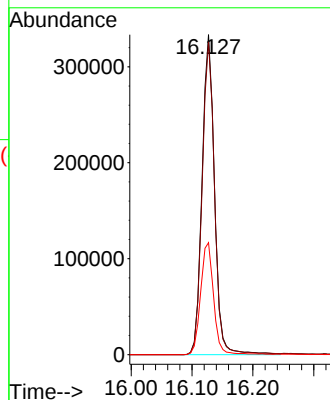
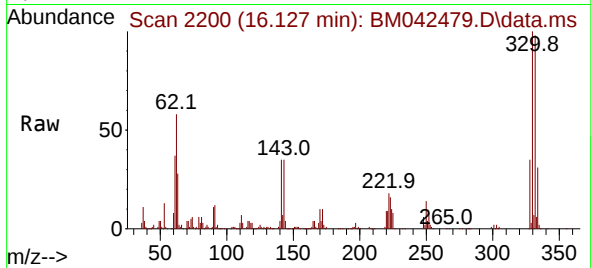




#42
2,4,6-Tribromophenol
Concen: 146.260 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

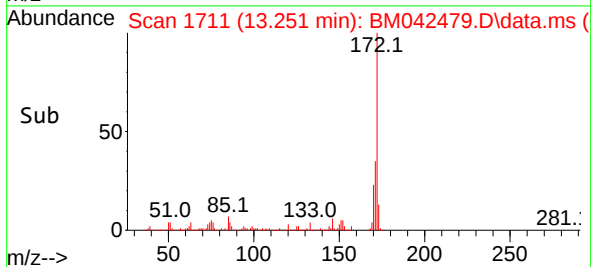
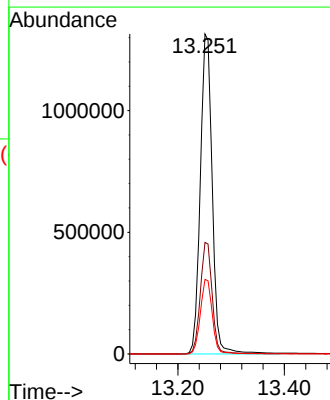
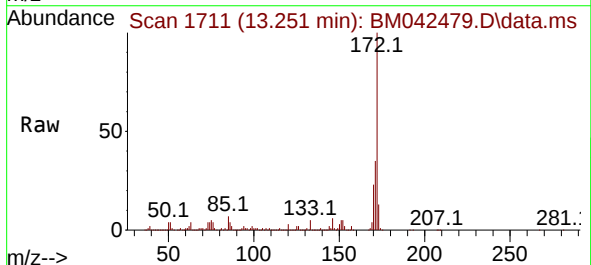
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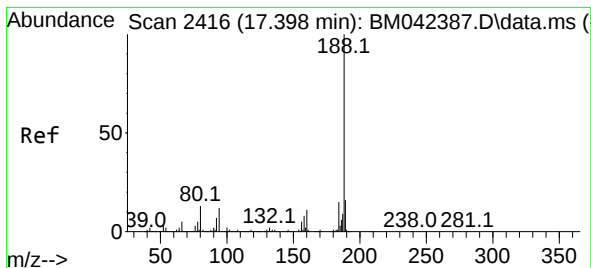
Tgt Ion:330 Resp: 473314
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 36.6 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 94.832 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042479.D
Acq: 27 Oct 2023 19:10

Tgt Ion:172 Resp: 2046182
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.380 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042479.D

Acq: 27 Oct 2023 19:10

Instrument :

BNA_M

ClientSampleId :

PB156597B

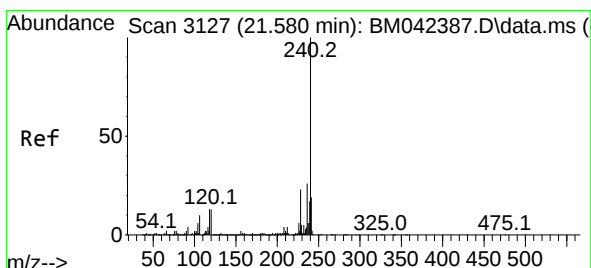
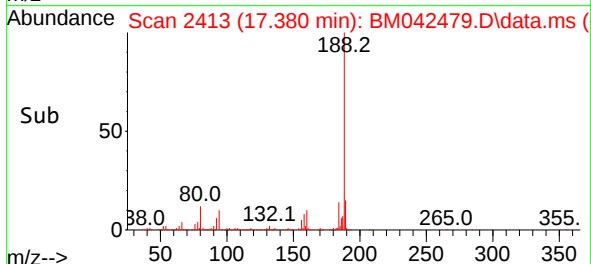
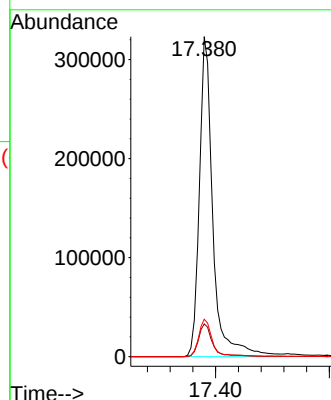
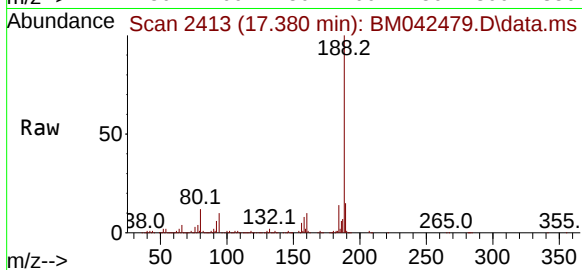
Tgt Ion:188 Resp: 534174

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.7 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM042479.D

Acq: 27 Oct 2023 19:10

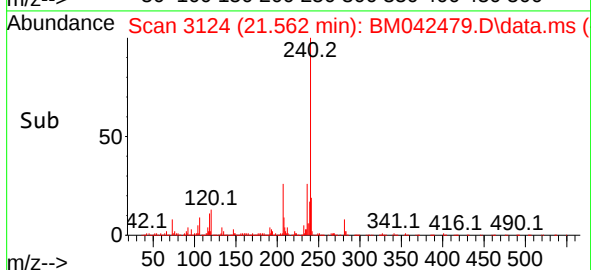
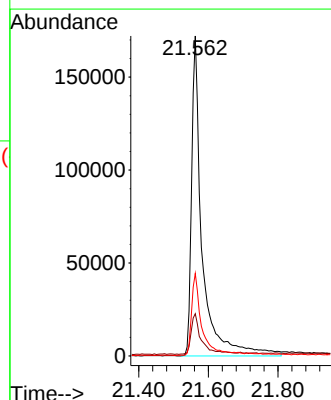
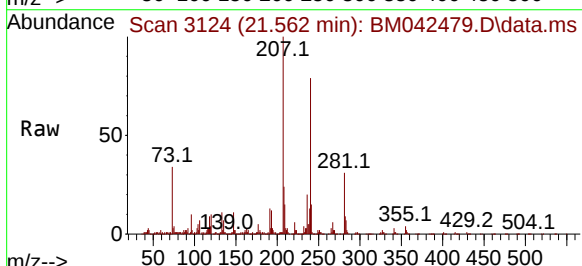
Tgt Ion:240 Resp: 363930

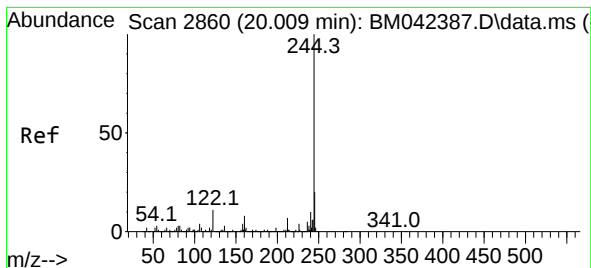
Ion Ratio Lower Upper

240 100

120 13.2 10.7 16.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 118.644 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042479.D

Acq: 27 Oct 2023 19:10

Instrument :

BNA_M

ClientSampleId :

PB156597B

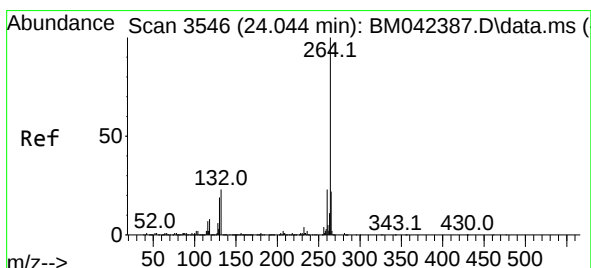
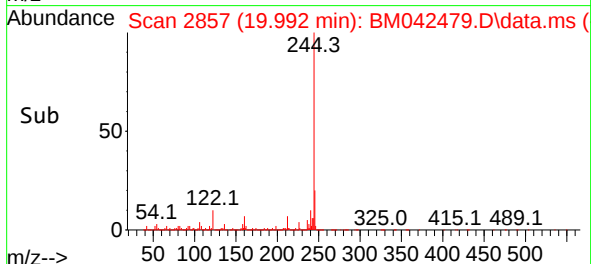
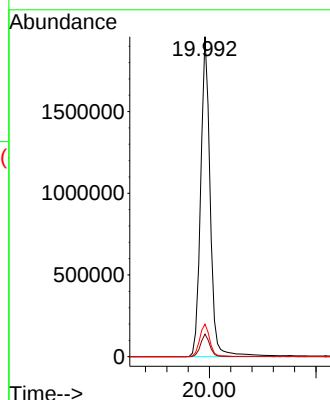
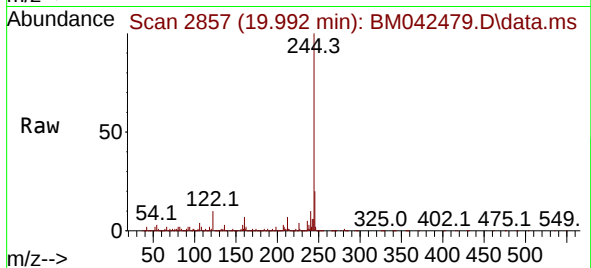
Tgt Ion:244 Resp: 2434638

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3542

Delta R.T. -0.000 min

Lab File: BM042479.D

Acq: 27 Oct 2023 19:10

Tgt Ion:264 Resp: 348157

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 29.2 17.8 26.8#

