

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042481.D
 Acq On : 27 Oct 2023 20:24
 Operator : MA/JU
 Sample : PB156500BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Quant Time: Oct 28 00:28:49 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	7.987	152	155060	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	590475	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	338846	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	645611	20.000	ng	0.00
76) Chrysene-d12	21.562	240	384087	20.000	ng	0.00
86) Perylene-d12	24.015	264	352346	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1424087	129.800	ng	0.00
7) Phenol-d6	7.163	99	1774185	120.668	ng	0.00
23) Nitrobenzene-d5	9.192	82	1143873	85.663	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	564519	149.373	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2334686	92.783	ng	0.00
79) Terphenyl-d14	19.992	244	2761041	127.489	ng	0.00

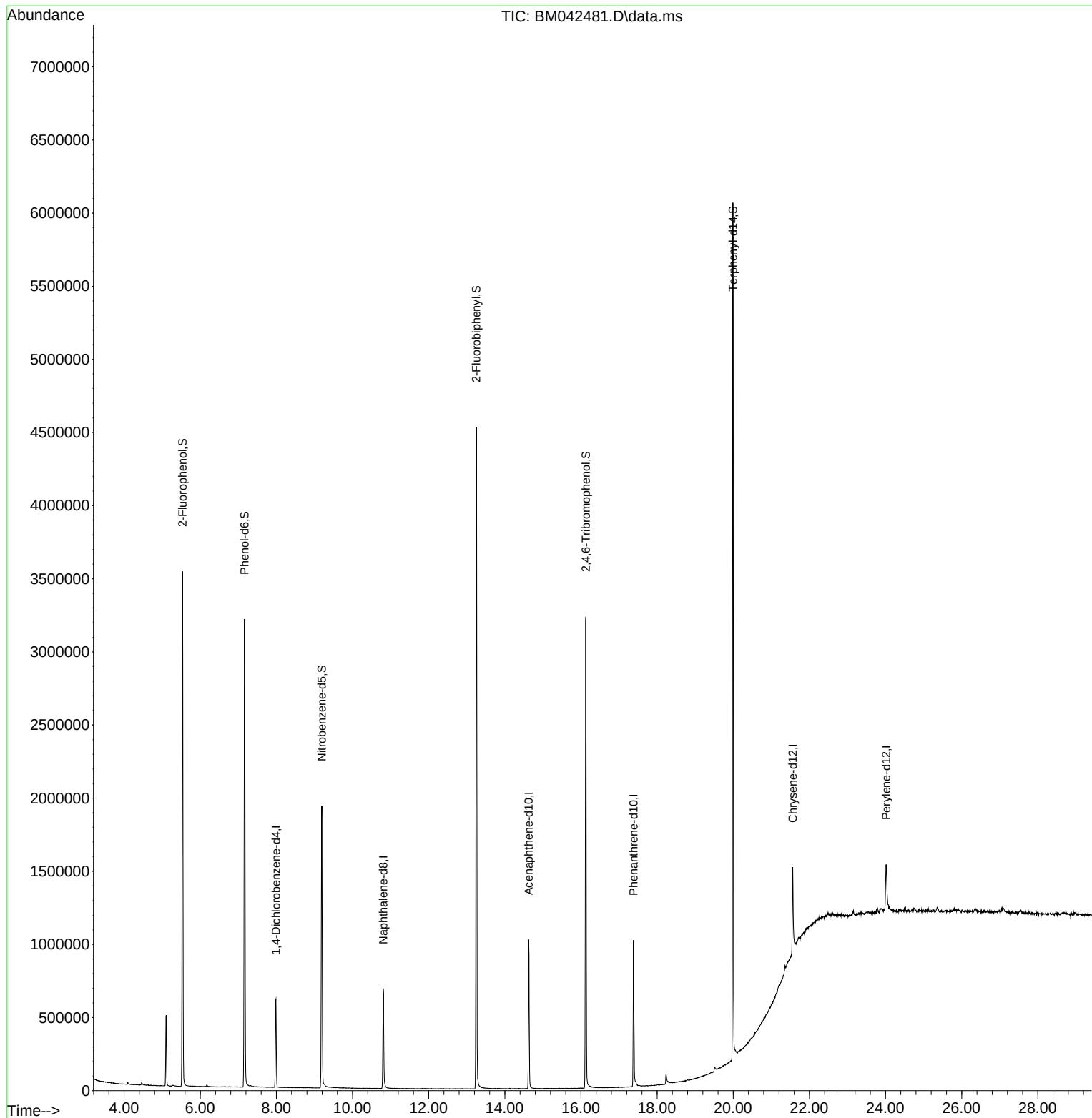
Target Compounds	Qvalue

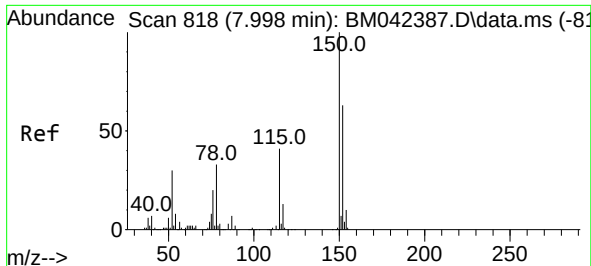
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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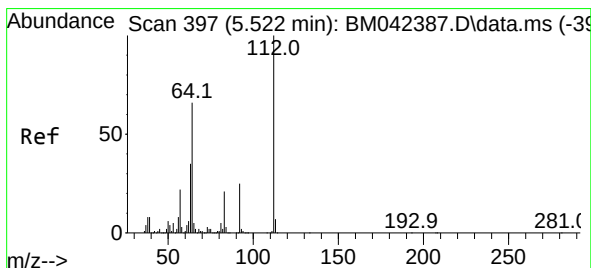
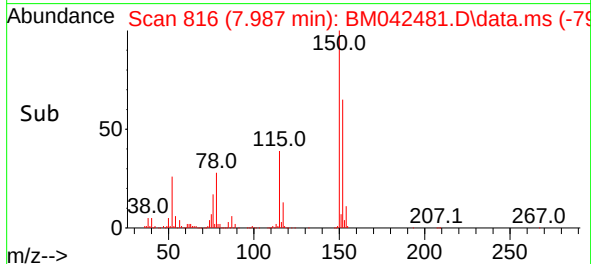
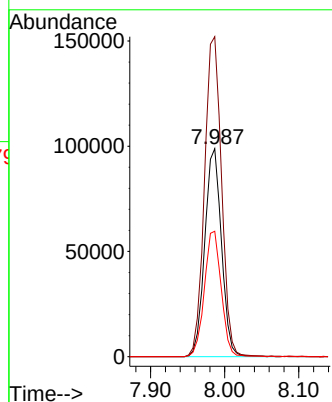
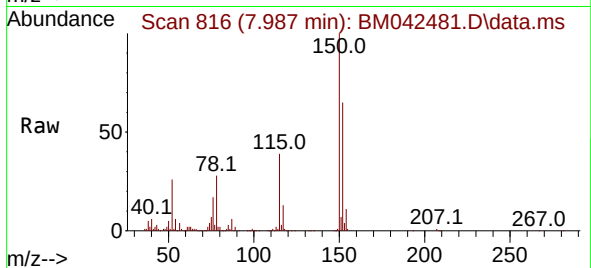




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM042481.D
 Acq: 27 Oct 2023 20:24

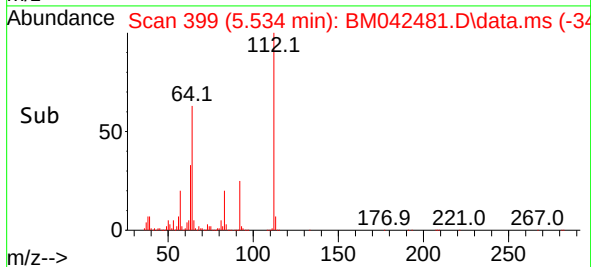
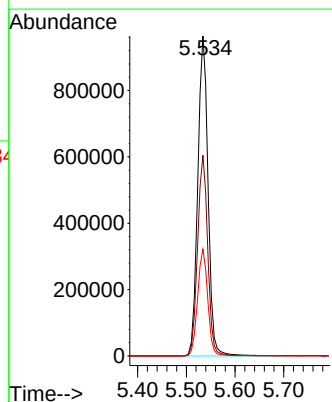
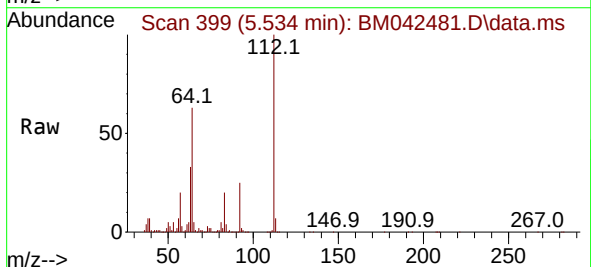
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

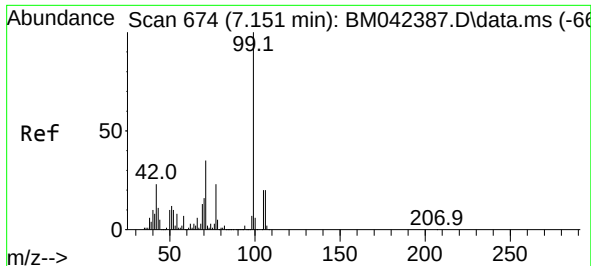
Tgt Ion:152 Resp: 155060
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.4
 115 60.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 129.800 ng
 RT: 5.534 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: BM042481.D
 Acq: 27 Oct 2023 20:24

Tgt Ion:112 Resp: 1424087
 Ion Ratio Lower Upper
 112 100
 64 62.7 52.7 79.1
 63 33.3 28.3 42.5



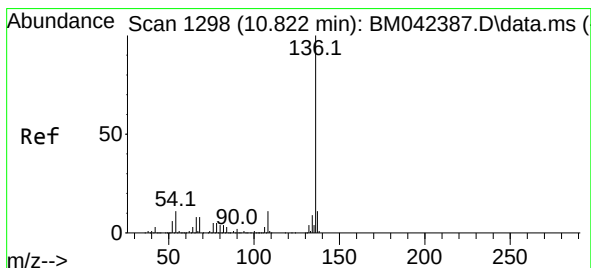
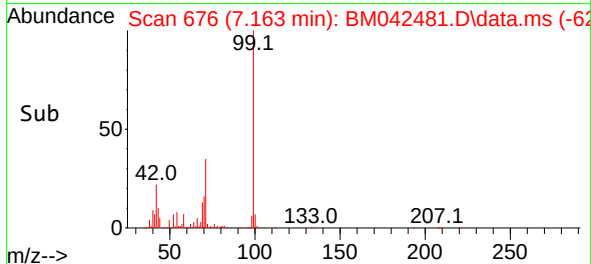
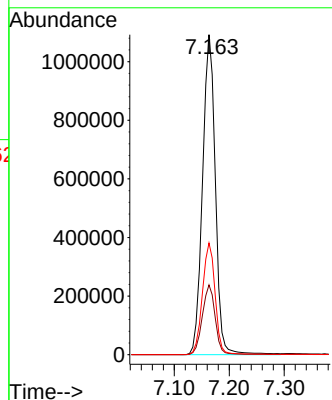
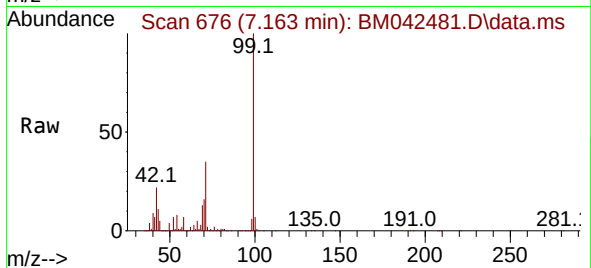


#7
Phenol-d6
Concen: 120.668 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Instrument :
BNA_M
ClientSampleId :
PB156500BL

Tgt Ion: 99 Resp: 1774185

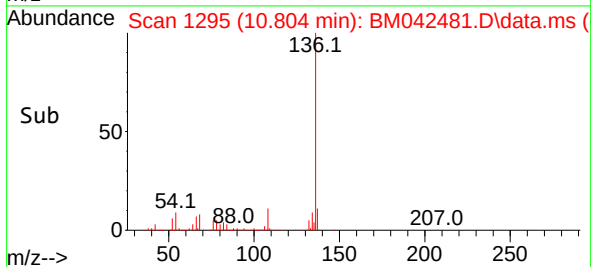
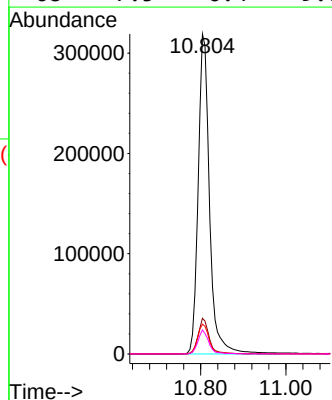
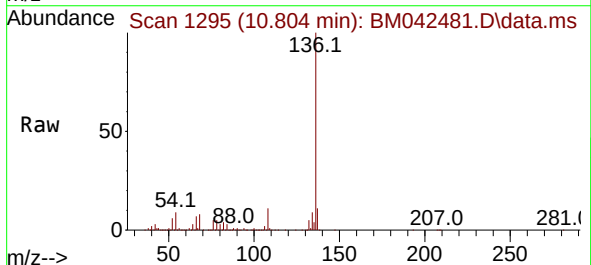
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.5	27.7
71	34.9	27.7	41.5

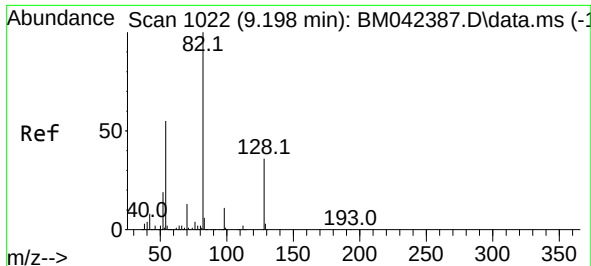


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion: 136 Resp: 590475

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.3	8.6	12.8
68	7.5	6.4	9.6

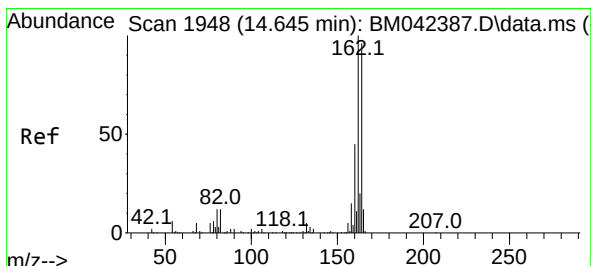
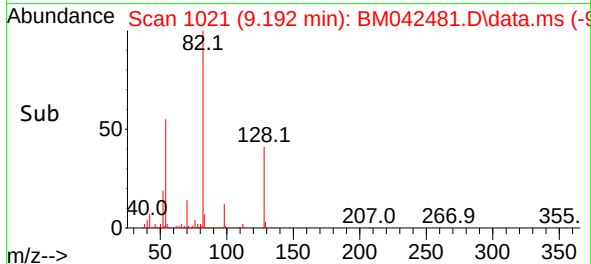
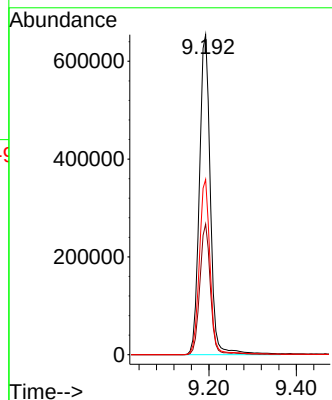
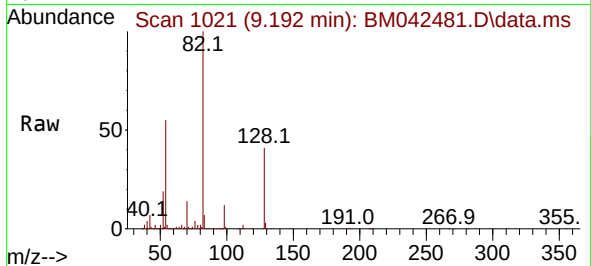




#23
Nitrobenzene-d5
Concen: 85.663 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

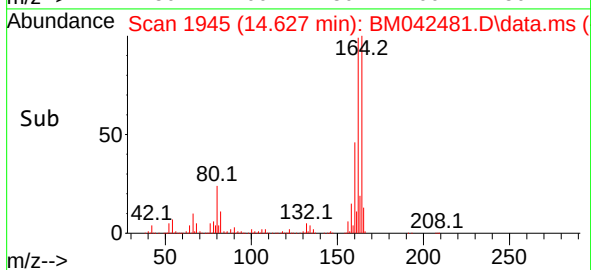
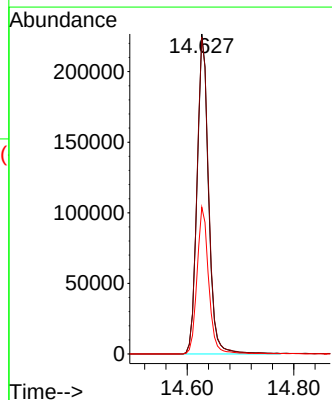
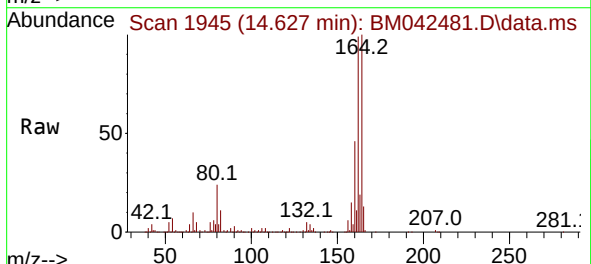
Instrument :
BNA_M
ClientSampleId :
PB156500BL

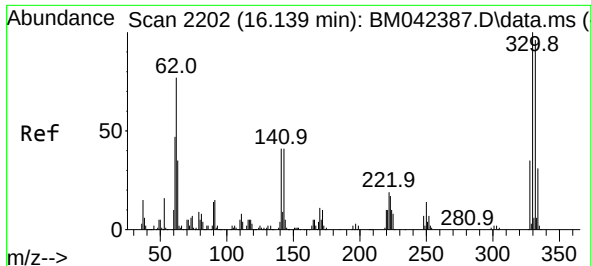
Tgt Ion: 82 Resp: 1143873
Ion Ratio Lower Upper
82 100
128 40.8 29.0 43.6
54 54.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion:164 Resp: 338846
Ion Ratio Lower Upper
164 100
162 99.0 83.0 124.4
160 45.9 37.0 55.4

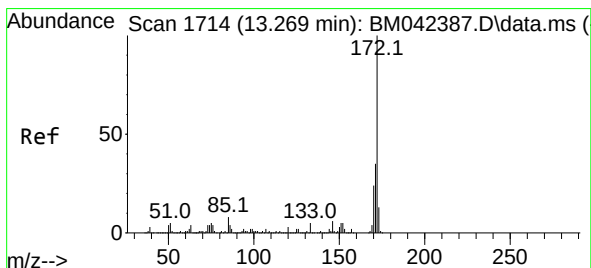
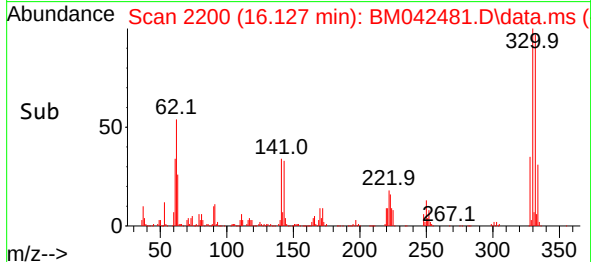
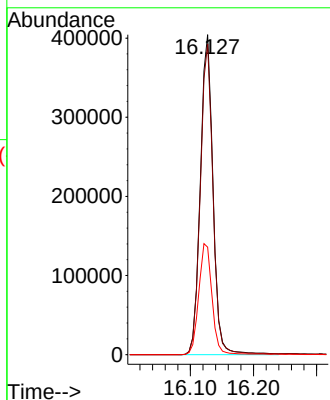
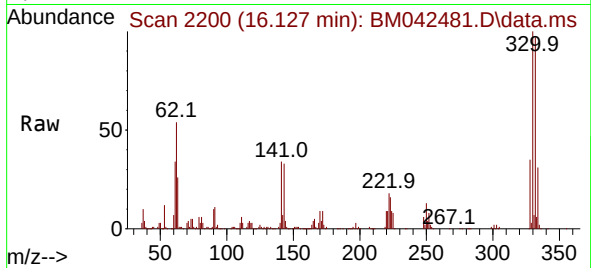




#42
2,4,6-Tribromophenol
Concen: 149.373 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

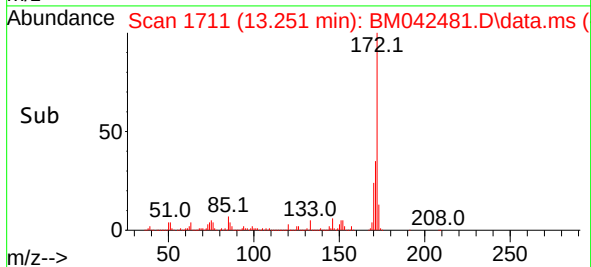
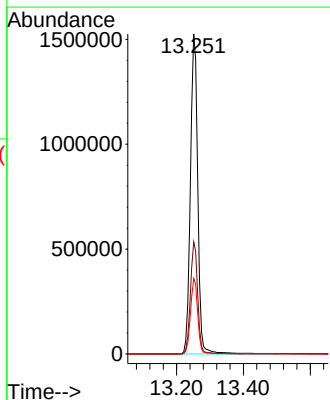
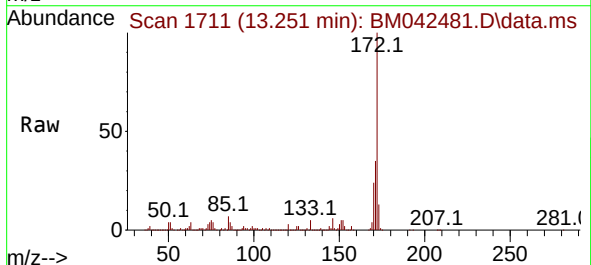
Instrument :
BNA_M
ClientSampleId :
PB156500BL

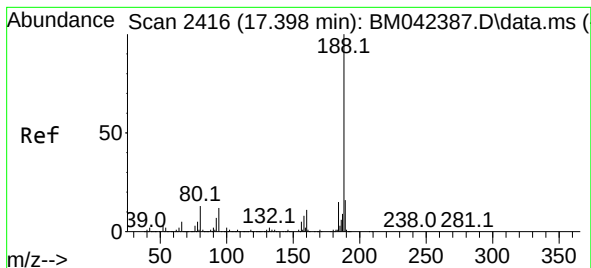
Tgt Ion:330 Resp: 564519
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 36.4 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 92.783 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion:172 Resp: 2334686
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 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: BM042481.D

Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL

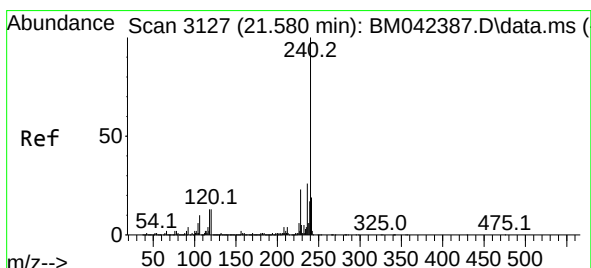
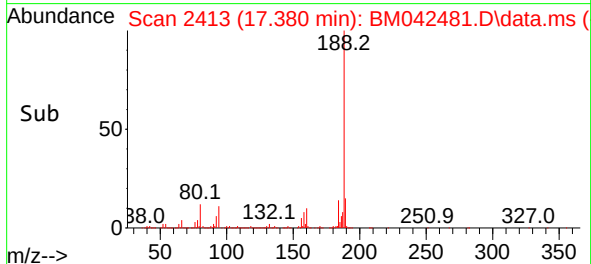
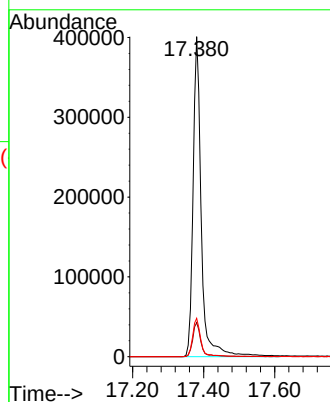
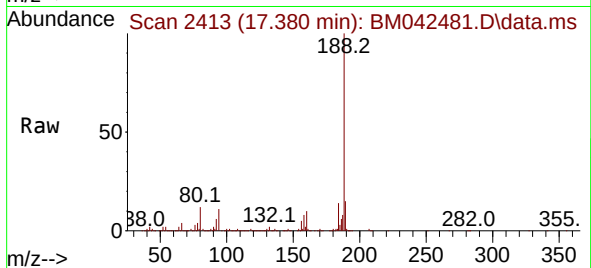
Tgt Ion:188 Resp: 645611

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.0

80 12.0 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: BM042481.D

Acq: 27 Oct 2023 20:24

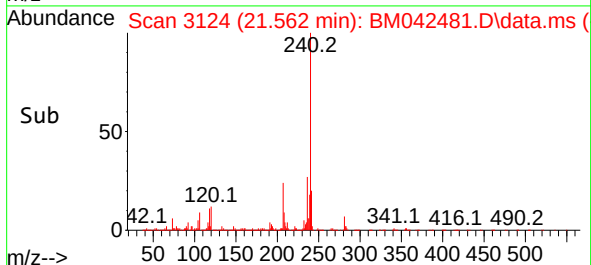
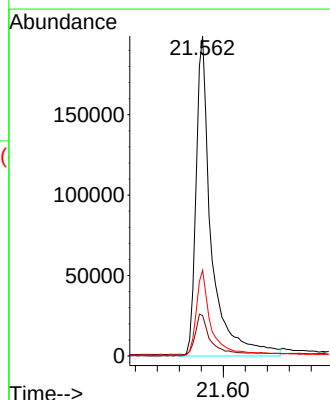
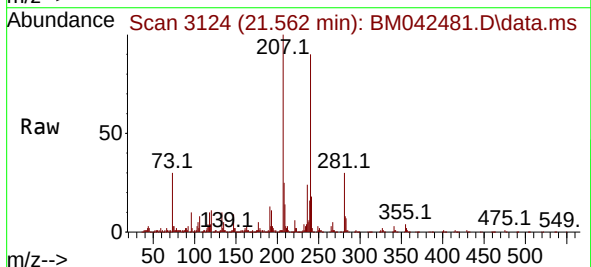
Tgt Ion:240 Resp: 384087

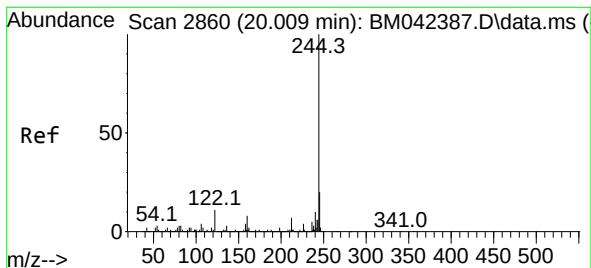
Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

236 26.8 20.7 31.1





#79

Terphenyl-d14

Concen: 127.489 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL

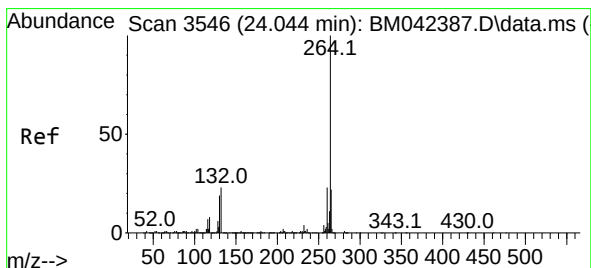
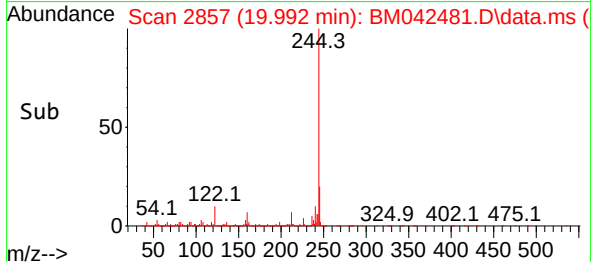
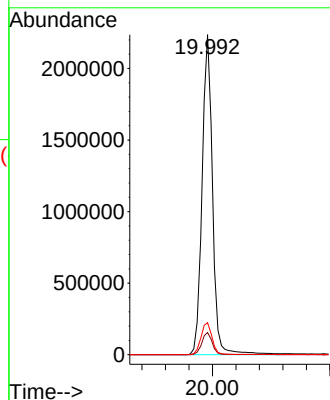
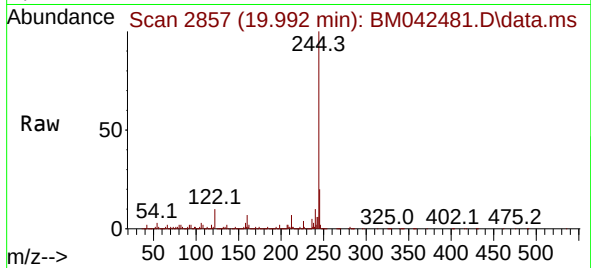
Tgt Ion:244 Resp: 2761041

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.015 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

Tgt Ion:264 Resp: 352346

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 26.8 17.8 26.8#

