

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042474.D
 Acq On : 27 Oct 2023 12:48
 Operator : MA/JU
 Sample : PB156565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156565BL

Quant Time: Oct 27 13:20:53 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 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	130427	20.000	ng	-0.01
21) Naphthalene-d8	10.810	136	542320	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	357336	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	852974	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	939680	20.000	ng	#-0.01
86) Perylene-d12	24.033	264	1019043	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1173414	127.152	ng	0.00
7) Phenol-d6	7.145	99	1589901	128.557	ng	0.00
23) Nitrobenzene-d5	9.186	82	1003199	81.799	ng	-0.01
42) 2,4,6-Tribromophenol	16.133	330	704876	175.160	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	2256155	85.023	ng	-0.01
79) Terphenyl-d14	20.003	244	4569529	86.242	ng	0.00

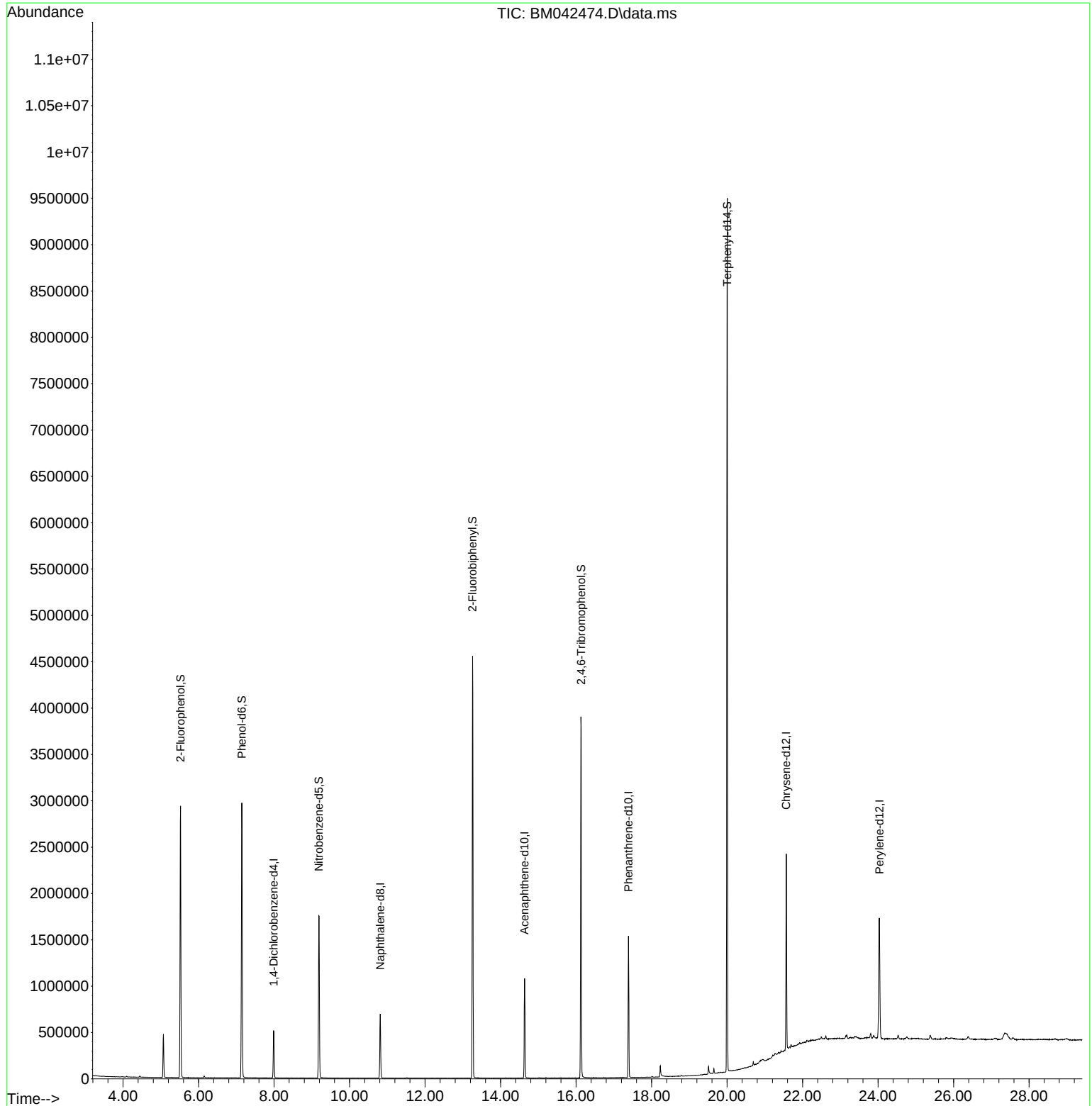
Target Compounds	Qvalue

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

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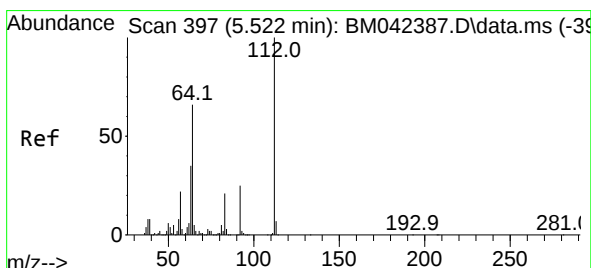
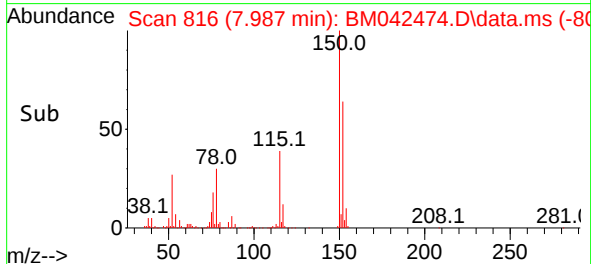
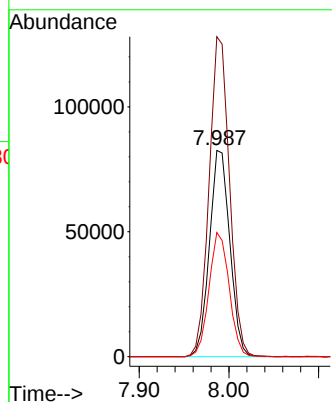
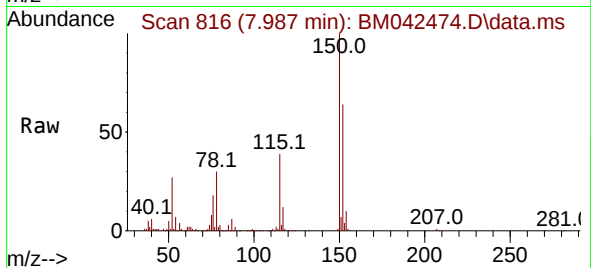




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 816
Delta R.T. -0.011 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

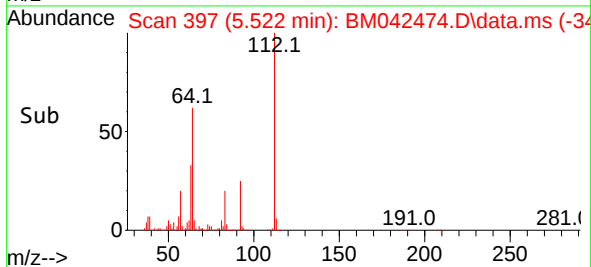
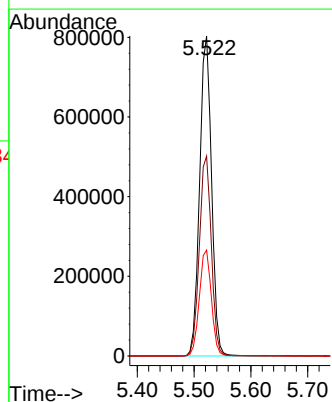
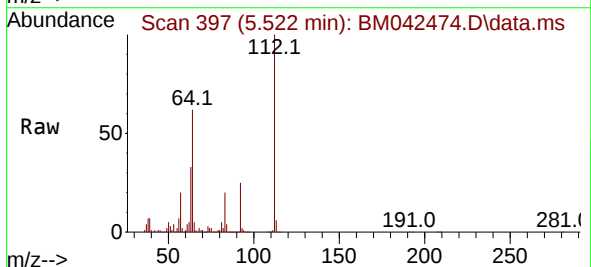
Instrument :
BNA_M
ClientSampleId :
PB156565BL

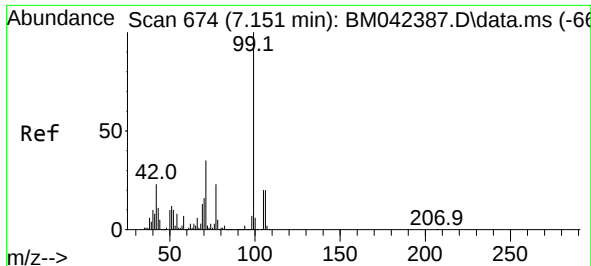
Tgt Ion:152 Resp: 130427
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 127.152 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

Tgt Ion:112 Resp: 1173414
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.1 28.3 42.5

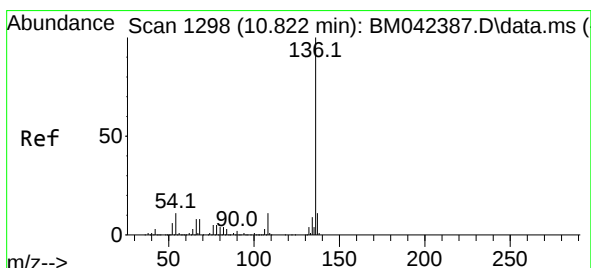
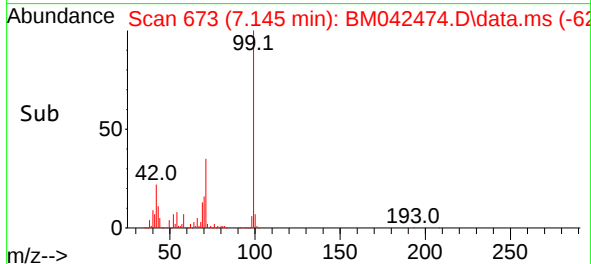
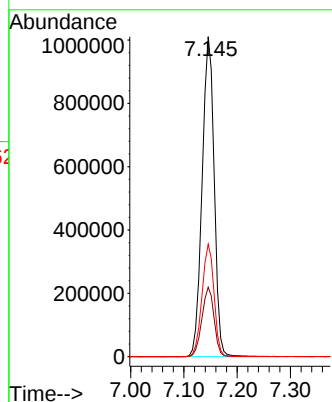
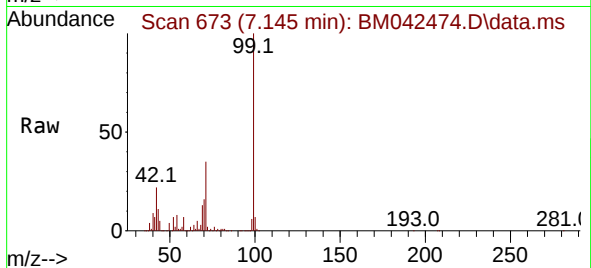




#7
Phenol-d6
Concen: 128.557 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

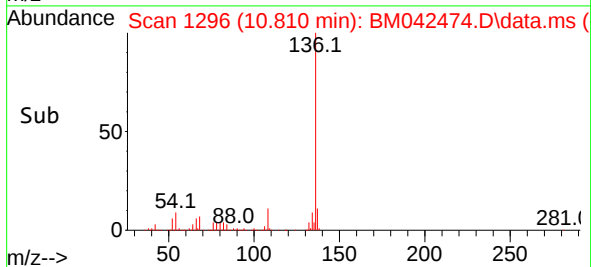
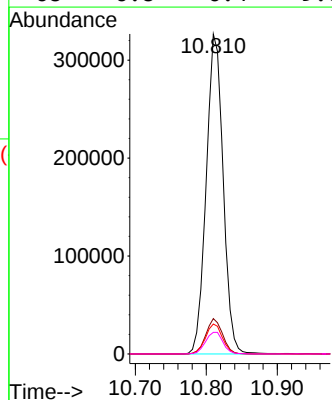
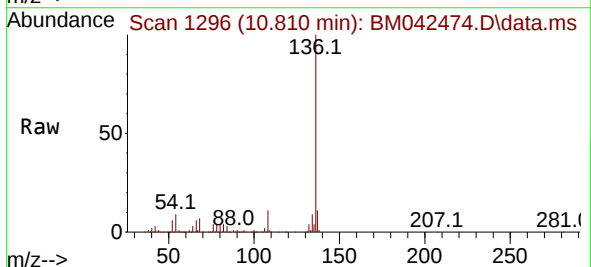
Instrument :
BNA_M
ClientSampleId :
PB156565BL

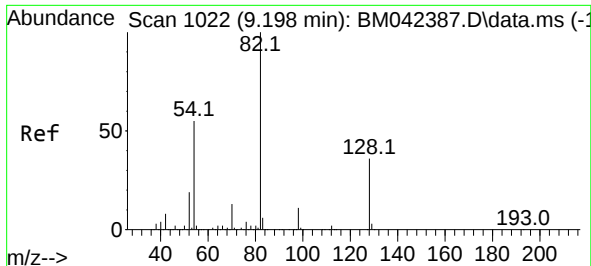
Tgt Ion: 99 Resp: 1589901
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

Tgt Ion: 136 Resp: 542320
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.4 8.6 12.8
68 6.8 6.4 9.6





#23

Nitrobenzene-d5

Concen: 81.799 ng

RT: 9.186 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BM042474.D

Acq: 27 Oct 2023 12:48

Instrument :

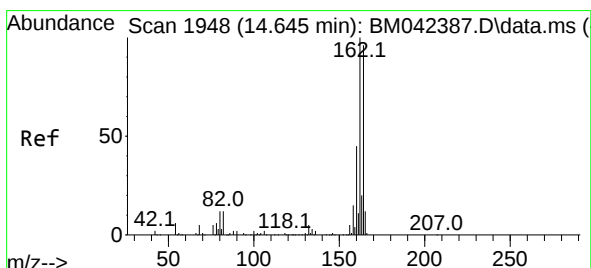
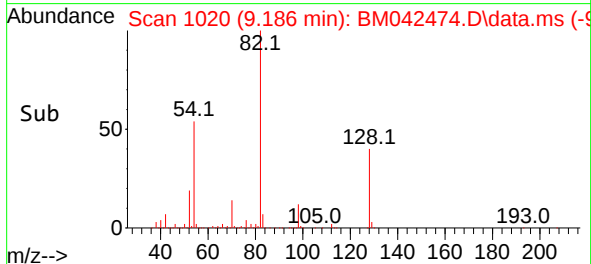
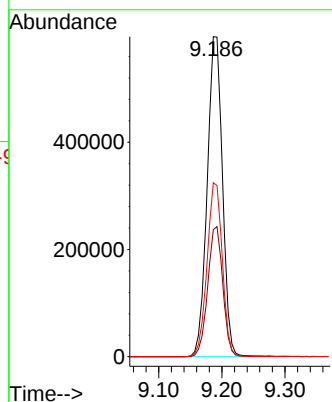
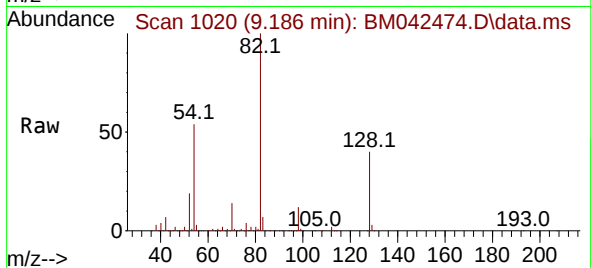
BNA_M

ClientSampleId :

PB156565BL

Tgt Ion: 82 Resp: 1003199

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.0	43.6
54	54.4	43.7	65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1946

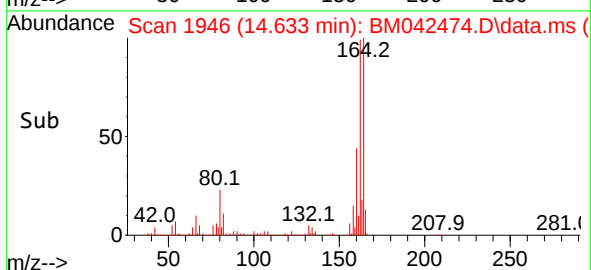
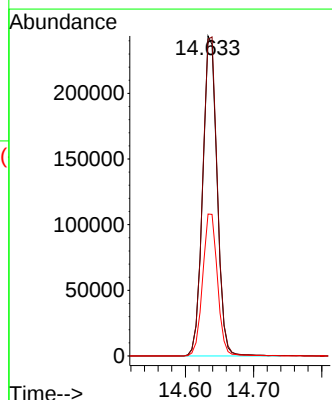
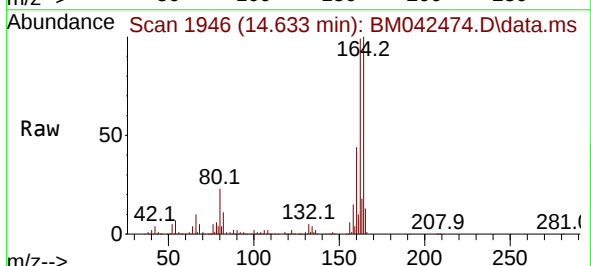
Delta R.T. -0.012 min

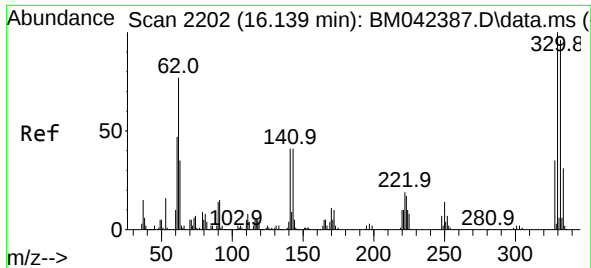
Lab File: BM042474.D

Acq: 27 Oct 2023 12:48

Tgt Ion: 164 Resp: 357336

Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.0	124.4
160	44.4	37.0	55.4

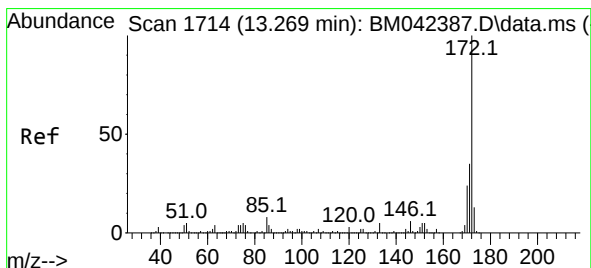
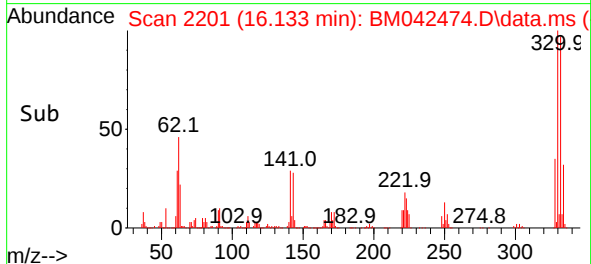
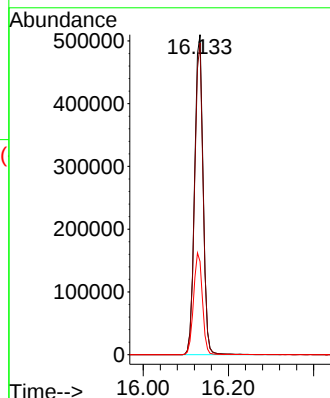
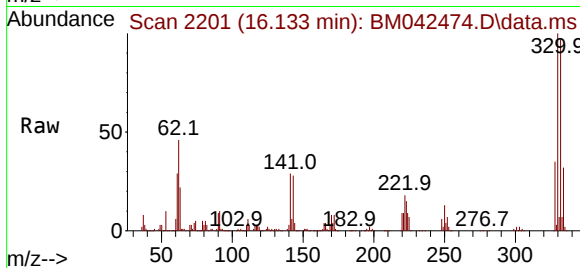




#42
2,4,6-Tribromophenol
Concen: 175.160 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

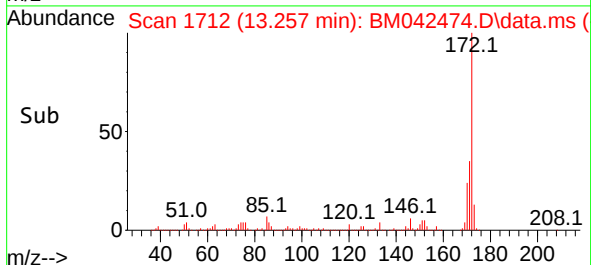
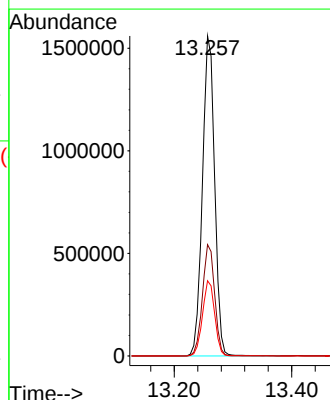
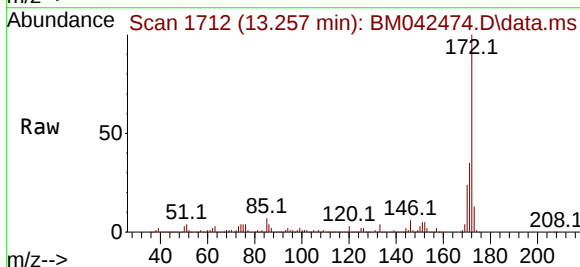
Instrument :
BNA_M
ClientSampleId :
PB156565BL

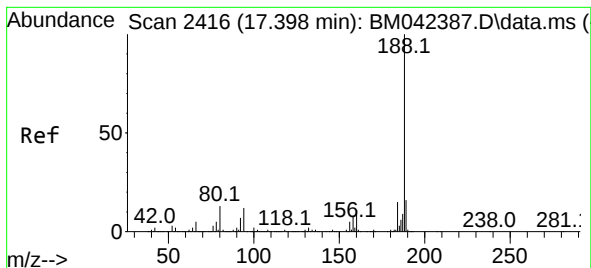
Tgt Ion:330 Resp: 704876
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 33.1 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 85.023 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042474.D
Acq: 27 Oct 2023 12:48

Tgt Ion:172 Resp: 2256155
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM042474.D

Acq: 27 Oct 2023 12:48

Instrument :

BNA_M

ClientSampleId :

PB156565BL

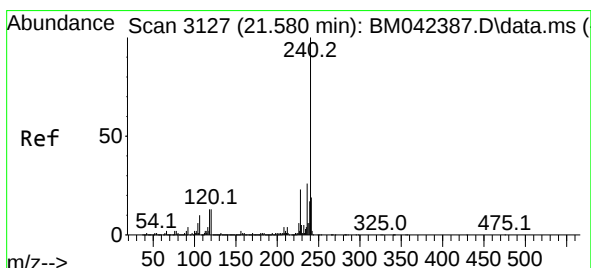
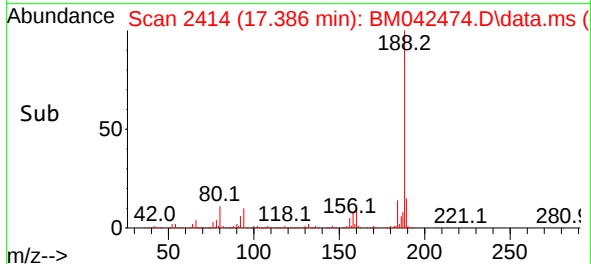
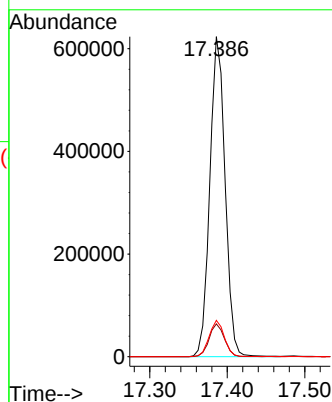
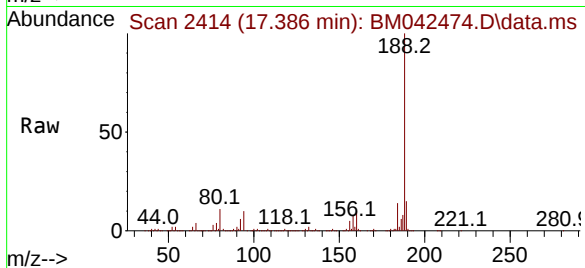
Tgt Ion:188 Resp: 852974

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.4 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM042474.D

Acq: 27 Oct 2023 12:48

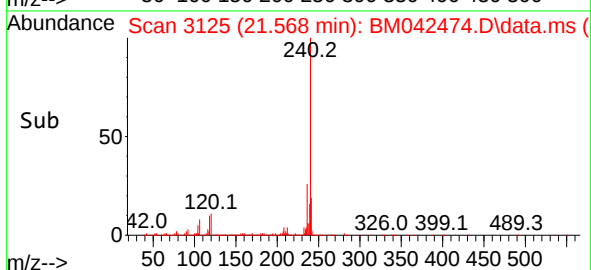
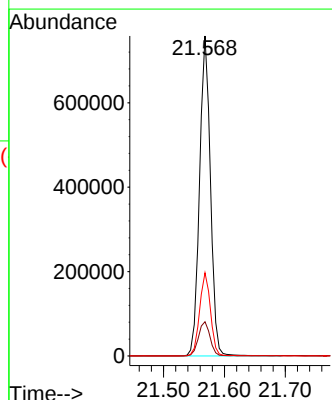
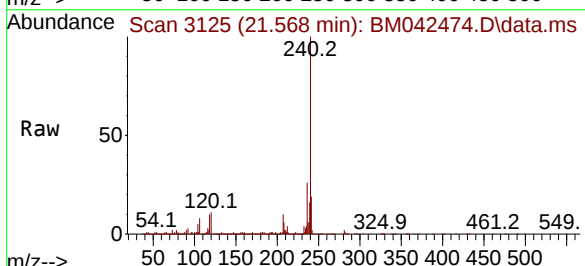
Tgt Ion:240 Resp: 939680

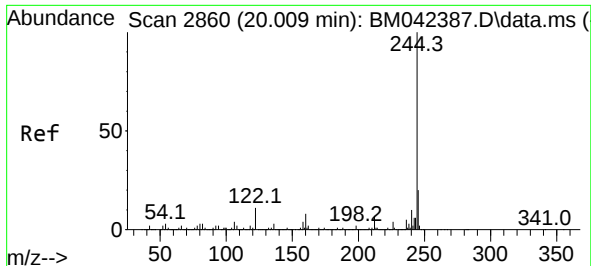
Ion Ratio Lower Upper

240 100

120 10.7 10.7 16.1#

236 26.0 20.7 31.1

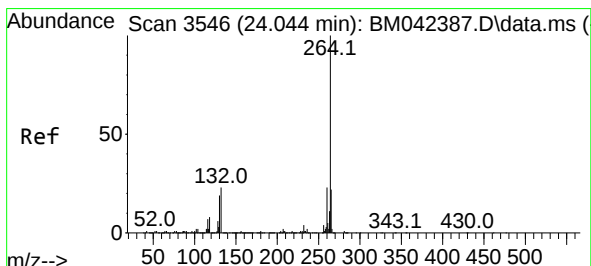
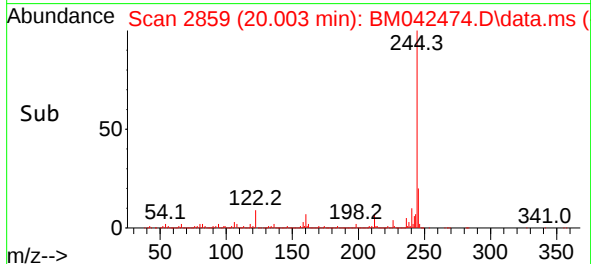
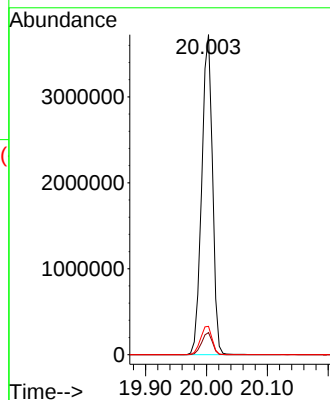
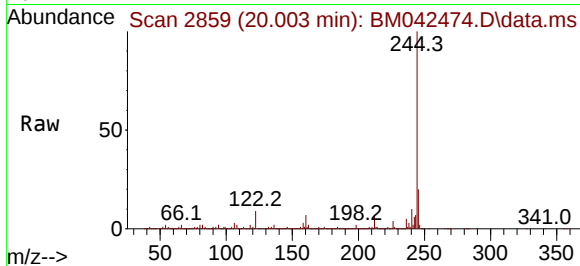




#79
 Terphenyl-d14
 Concen: 86.242 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042474.D
 Acq: 27 Oct 2023 12:48

Instrument :
 BNA_M
 ClientSampleId :
 PB156565BL

Tgt Ion:244 Resp: 4569529
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.033 min Scan# 3544
 Delta R.T. -0.012 min
 Lab File: BM042474.D
 Acq: 27 Oct 2023 12:48

Tgt Ion:264 Resp: 1019043
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 22.1 17.8 26.8

