

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042409.D
 Acq On : 23 Oct 2023 19:22
 Operator : MA/JU
 Sample : PB156324BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156324BL

Quant Time: Oct 23 22:33:26 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	7.998	152	130547	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	500537	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	244182	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	470477	20.000	ng	0.00
76) Chrysene-d12	21.574	240	400800	20.000	ng	0.00
86) Perylene-d12	24.038	264	494147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1362280	147.482	ng	0.00
7) Phenol-d6	7.145	99	1752584	141.582	ng	0.00
23) Nitrobenzene-d5	9.192	82	1079194	95.341	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	358360	132.685	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1836984	101.306	ng	0.00
79) Terphenyl-d14	20.003	244	2490773	110.214	ng	0.00

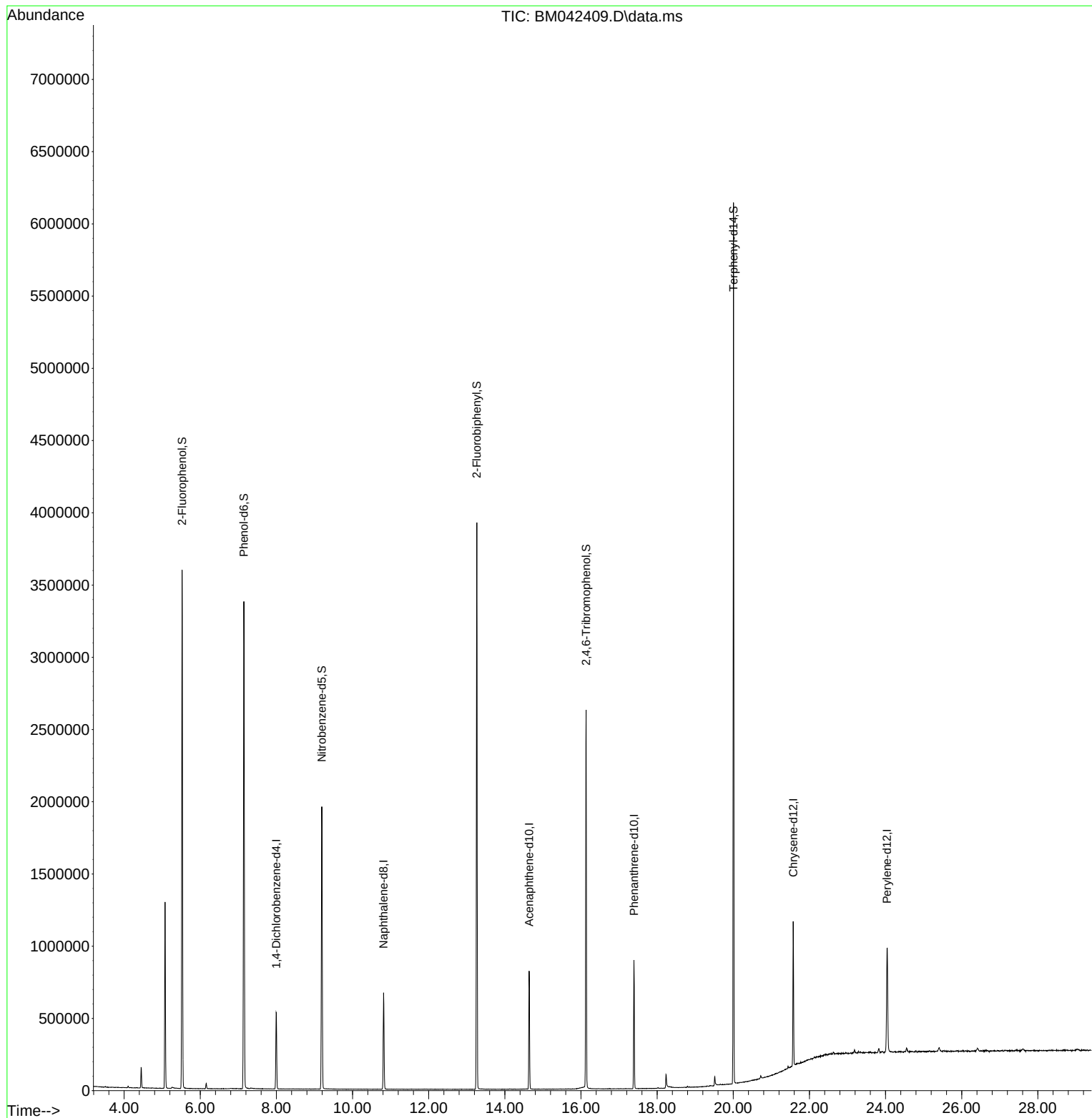
Target Compounds	Qvalue

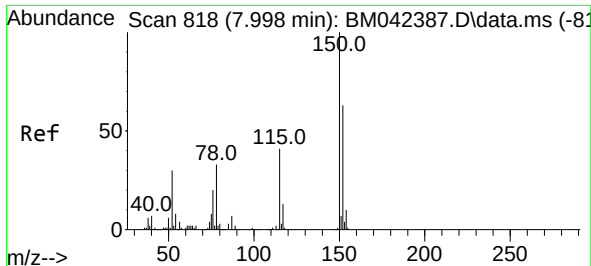
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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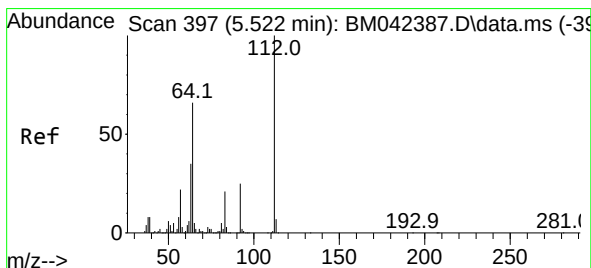
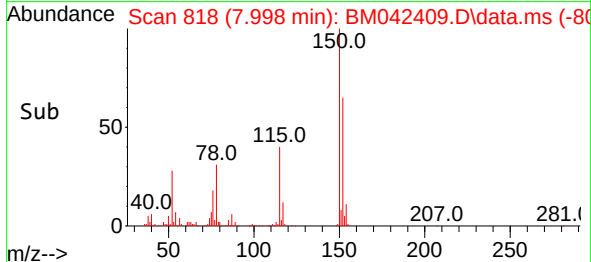
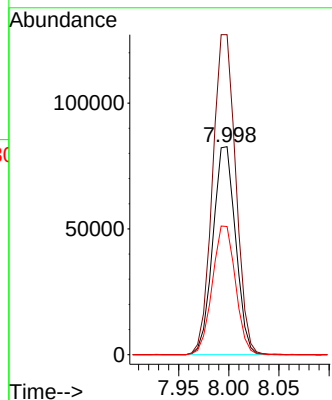
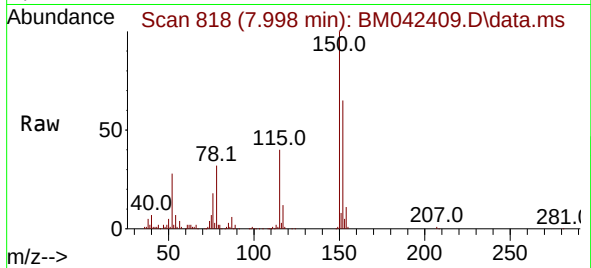




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

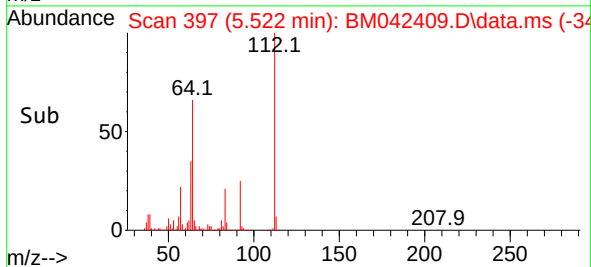
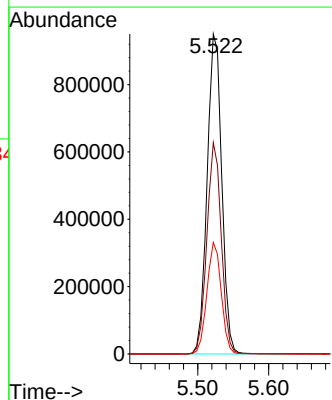
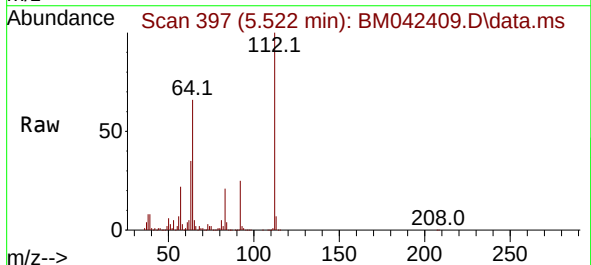
Instrument :
BNA_M
ClientSampleId :
PB156324BL

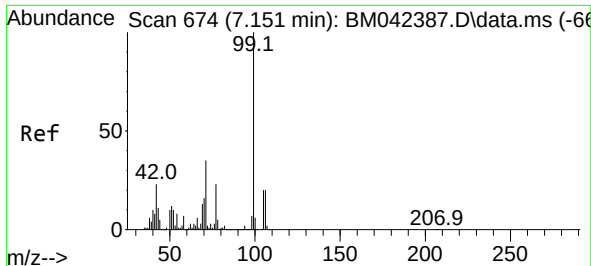
Tgt Ion:152 Resp: 130547
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 147.482 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

Tgt Ion:112 Resp: 1362280
Ion Ratio Lower Upper
112 100
64 66.0 52.7 79.1
63 34.9 28.3 42.5



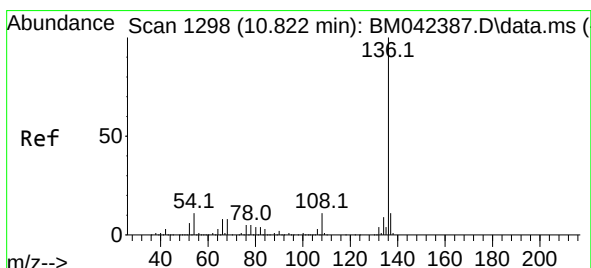
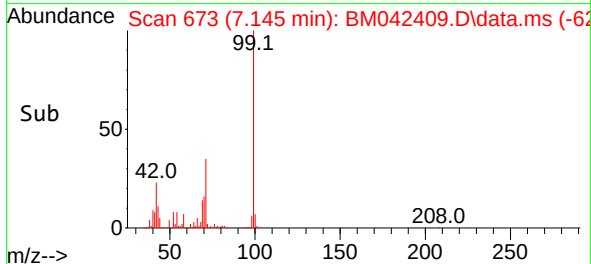
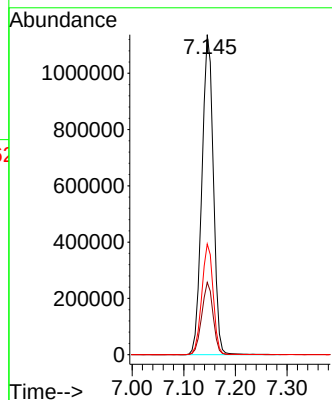
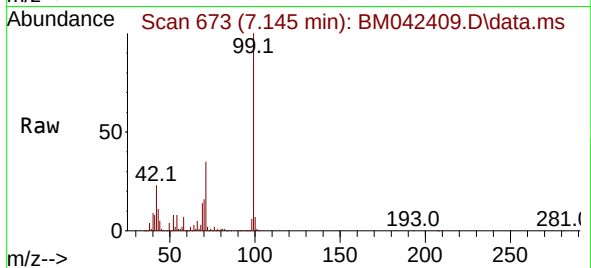


#7
Phenol-d6
Concen: 141.582 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

Instrument :
BNA_M
ClientSampleId :
PB156324BL

Tgt Ion: 99 Resp: 1752584

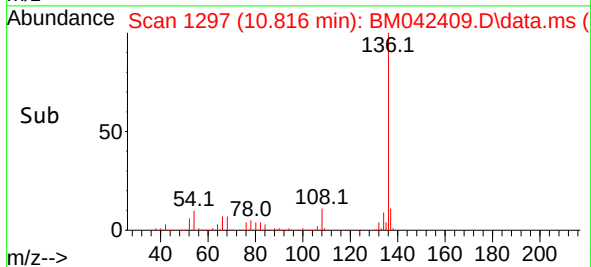
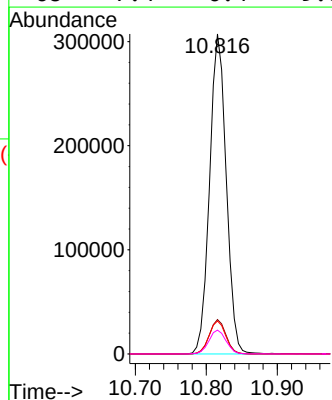
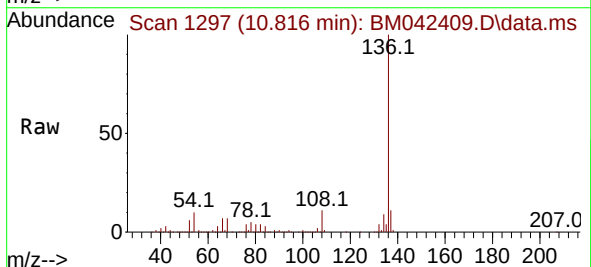
Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.5	27.7
71	34.6	27.7	41.5

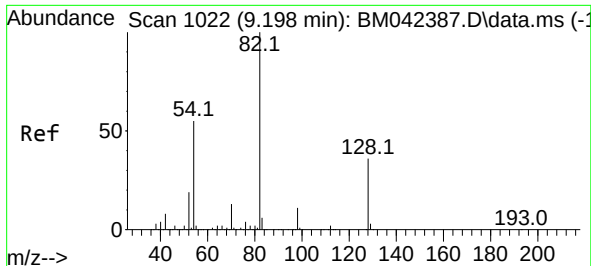


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

Tgt Ion: 136 Resp: 500537

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.3	8.6	12.8
68	7.4	6.4	9.6

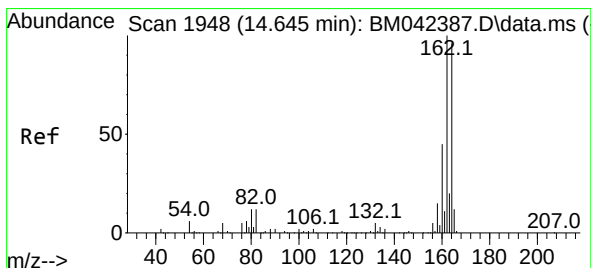
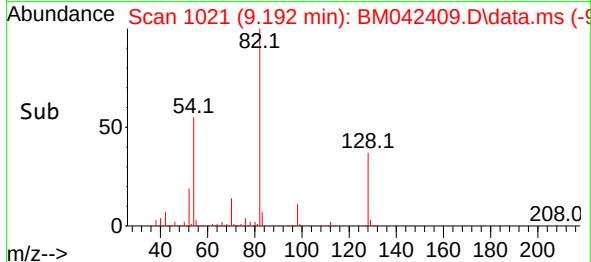
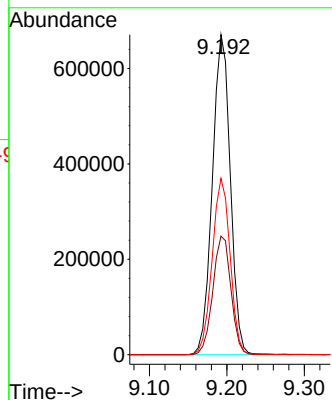
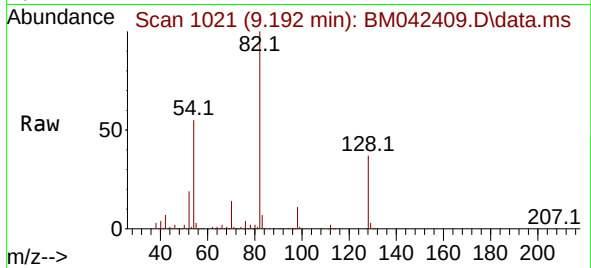




#23
Nitrobenzene-d5
Concen: 95.341 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

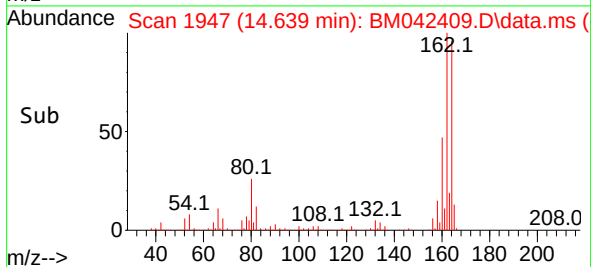
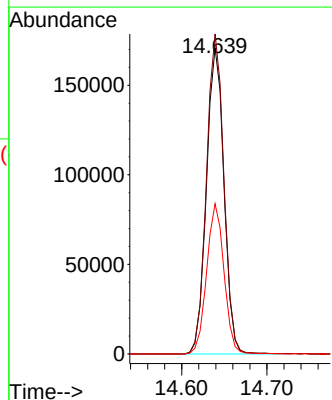
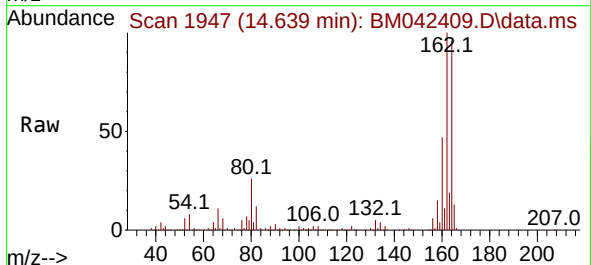
Instrument :
BNA_M
ClientSampleId :
PB156324BL

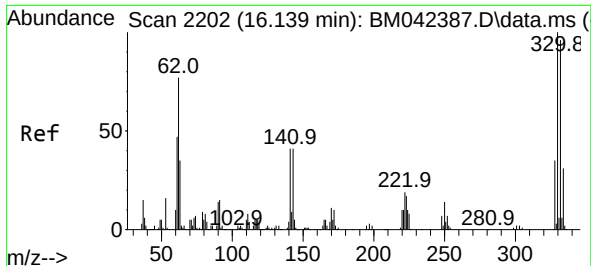
Tgt Ion: 82 Resp: 1079194
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.6
54 55.1 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

Tgt Ion:164 Resp: 244182
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.4
160 49.1 37.0 55.4

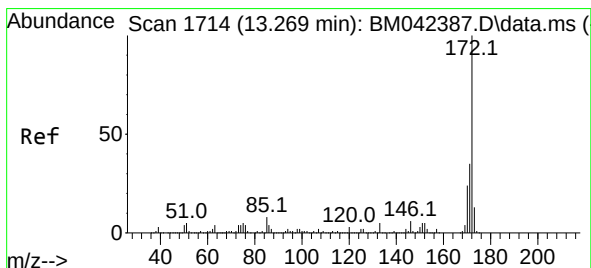
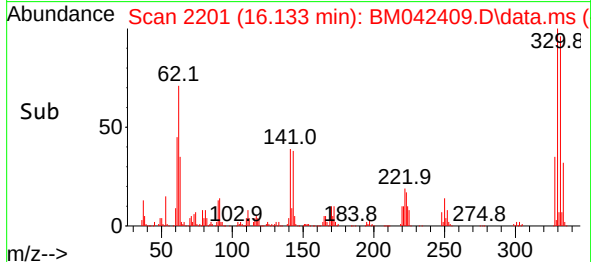
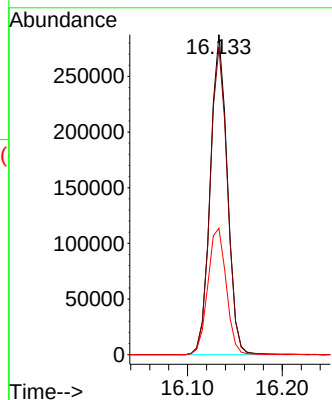
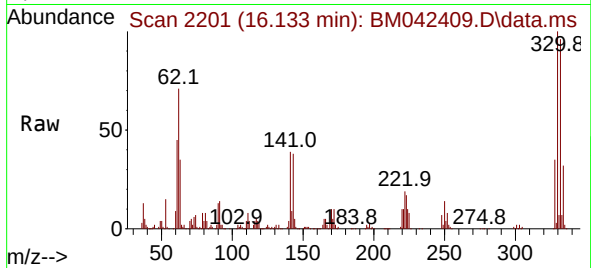




#42
2,4,6-Tribromophenol
Concen: 132.685 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

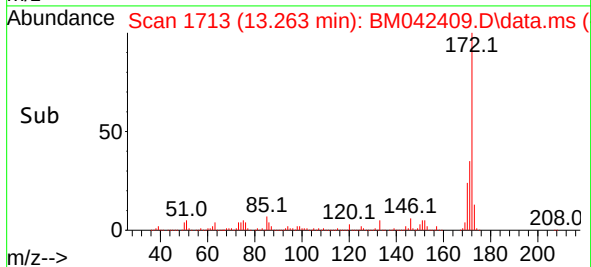
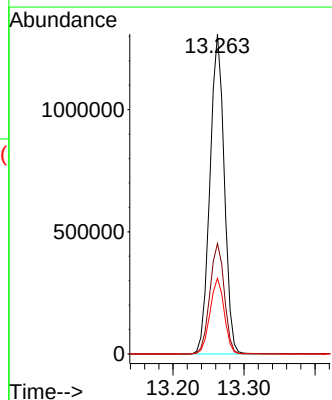
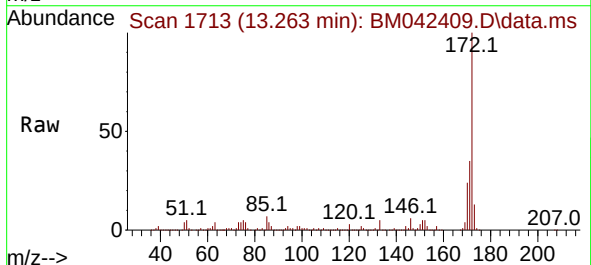
Instrument :
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ClientSampleId :
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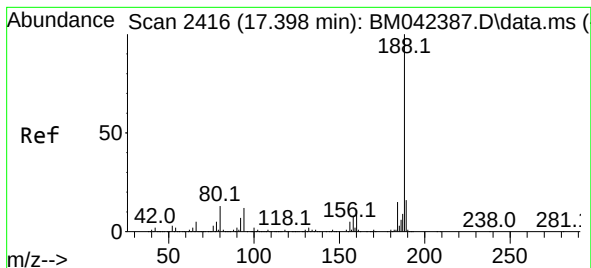
Tgt Ion:330 Resp: 358360
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 42.8 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 101.306 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042409.D
Acq: 23 Oct 2023 19:22

Tgt Ion:172 Resp: 1836984
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042409.D

Acq: 23 Oct 2023 19:22

Instrument :

BNA_M

ClientSampleId :

PB156324BL

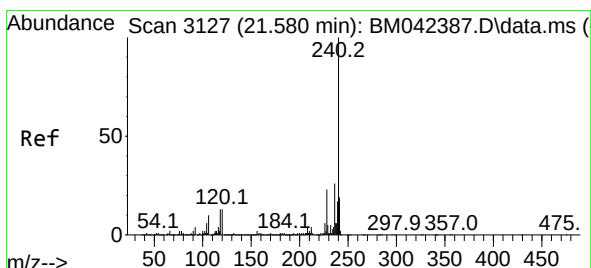
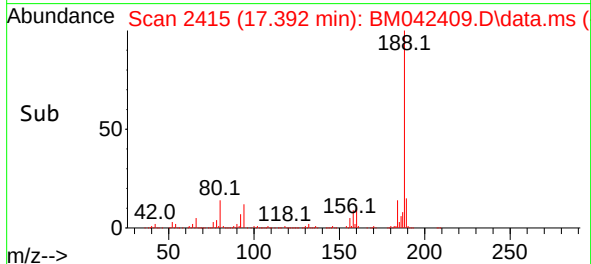
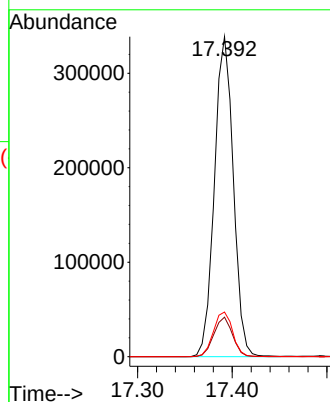
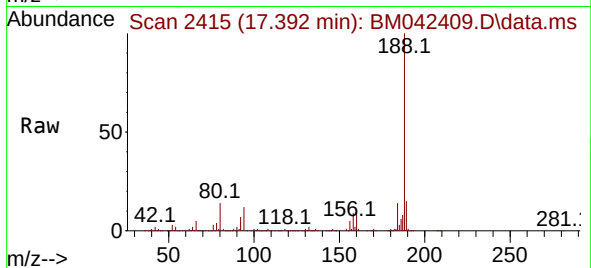
Tgt Ion:188 Resp: 470477

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.0

80 14.0 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042409.D

Acq: 23 Oct 2023 19:22

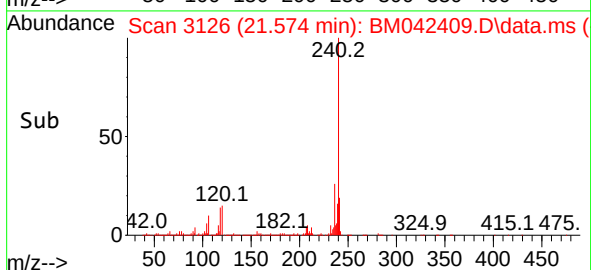
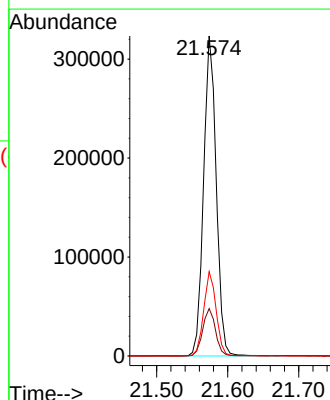
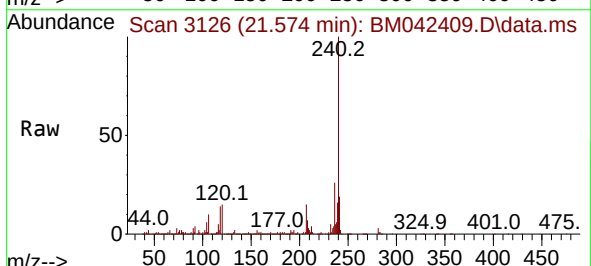
Tgt Ion:240 Resp: 400800

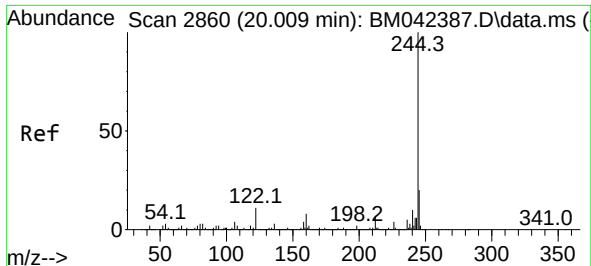
Ion Ratio Lower Upper

240 100

120 14.8 10.7 16.1

236 26.3 20.7 31.1

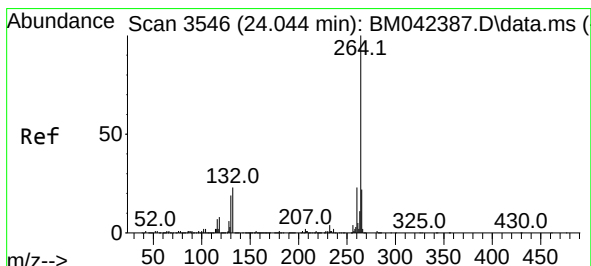
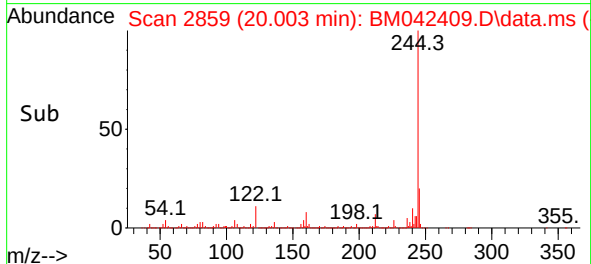
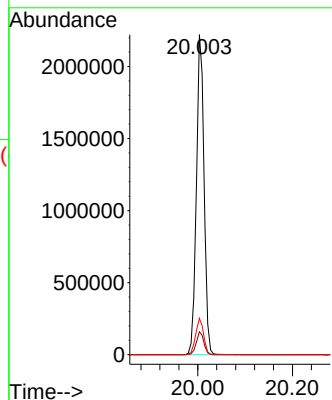
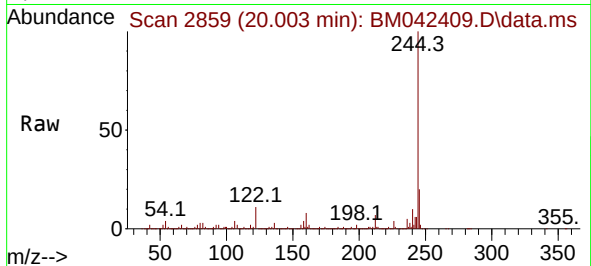




#79
 Terphenyl-d14
 Concen: 110.214 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042409.D
 Acq: 23 Oct 2023 19:22

Instrument :
 BNA_M
 ClientSampleId :
 PB156324BL

Tgt Ion:244 Resp: 2490773
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.038 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BM042409.D
 Acq: 23 Oct 2023 19:22

Tgt Ion:264 Resp: 494147
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.0 17.8 26.8

