

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
 Data File : BM042392.D
 Acq On : 21 Oct 2023 00:35
 Operator : MA/JU
 Sample : PB156255BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156255BL

Quant Time: Oct 21 03:01:59 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 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	141848	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	537981	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	264333	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	485701	20.000	ng	0.00
76) Chrysene-d12	21.574	240	342471	20.000	ng	0.00
86) Perylene-d12	24.044	264	346556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1489499	148.408	ng	0.00
7) Phenol-d6	7.151	99	1903747	141.540	ng	0.00
23) Nitrobenzene-d5	9.198	82	1188167	97.662	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	416140	141.660	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	1985204	101.134	ng	0.00
79) Terphenyl-d14	20.009	244	2298879	119.048	ng	0.00

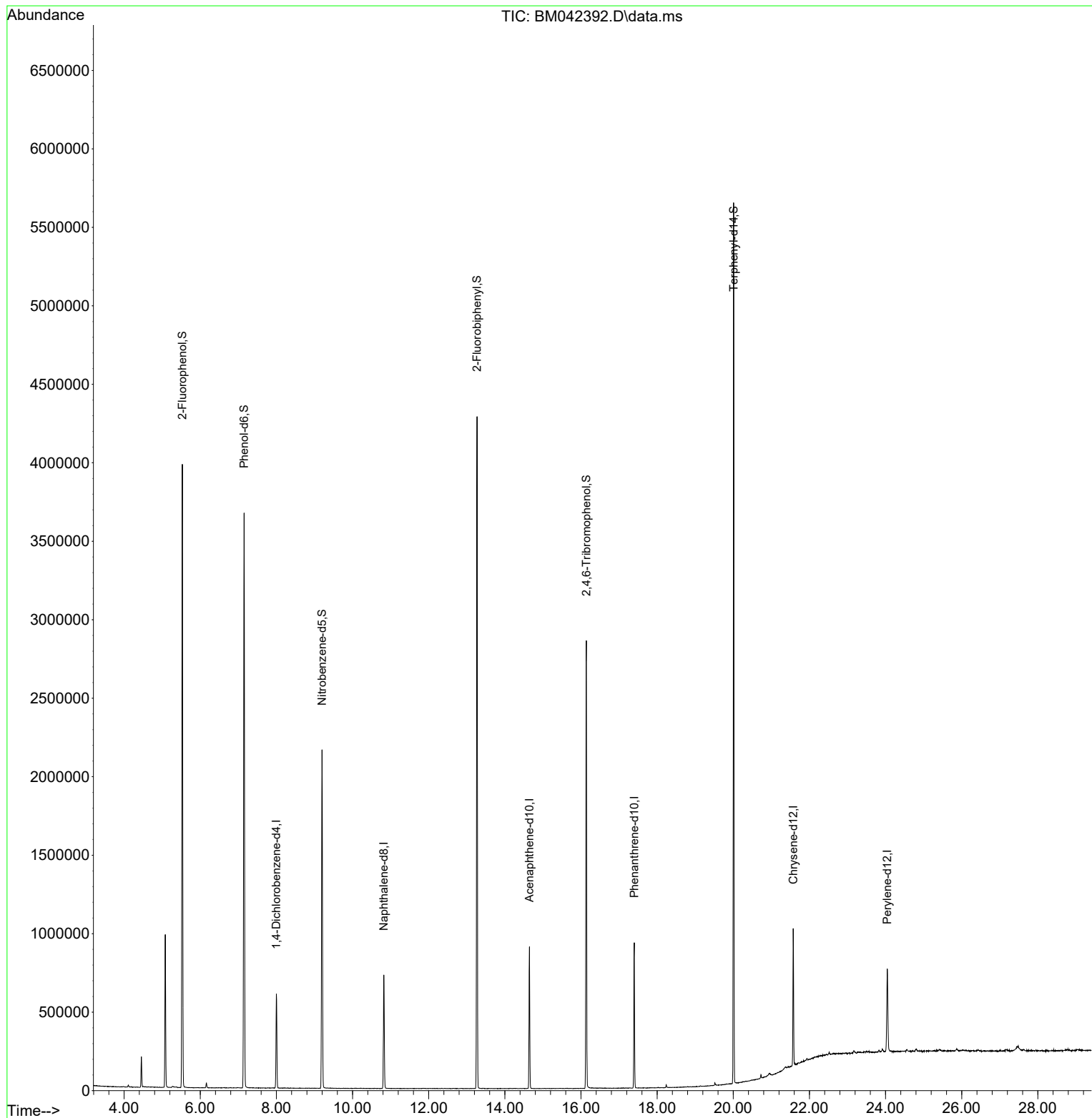
Target Compounds	Qvalue

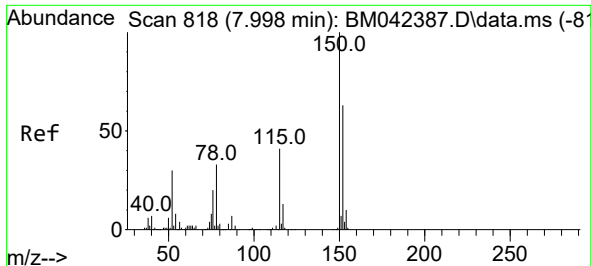
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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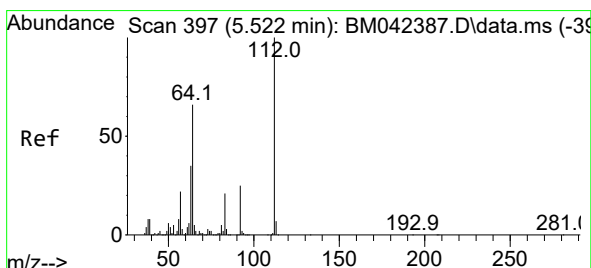
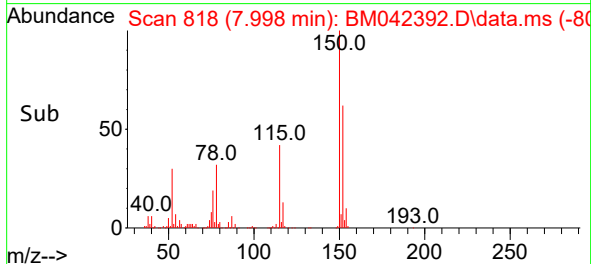
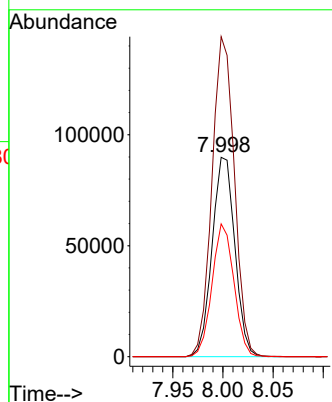
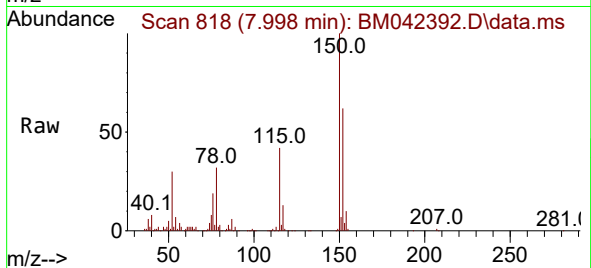




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

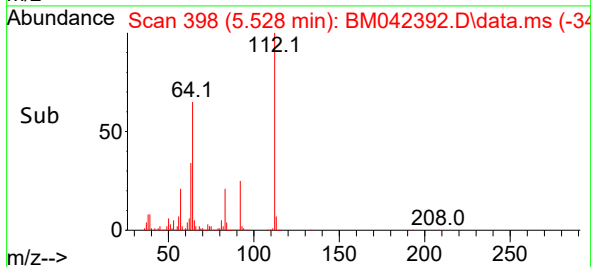
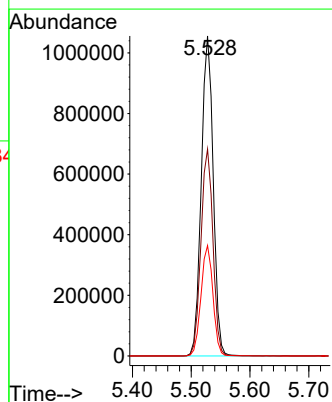
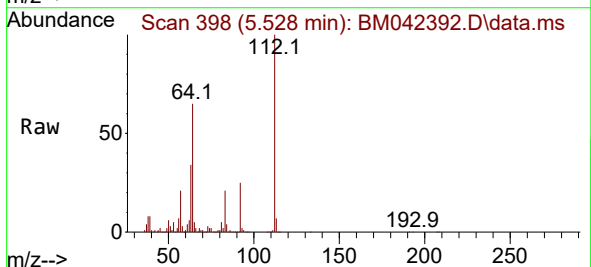
Instrument :
BNA_M
ClientSampleId :
PB156255BL

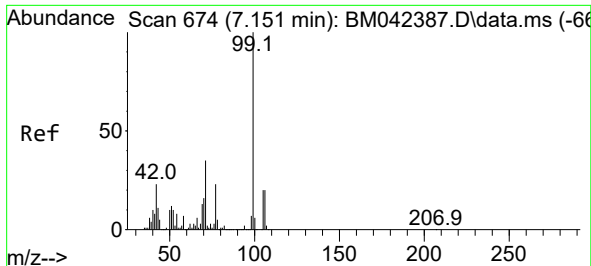
Tgt Ion:152 Resp: 141848
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.4
115 66.6 51.9 77.9



#5
2-Fluorophenol
Concen: 148.408 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:112 Resp: 1489499
Ion Ratio Lower Upper
112 100
64 64.7 52.7 79.1
63 34.5 28.3 42.5

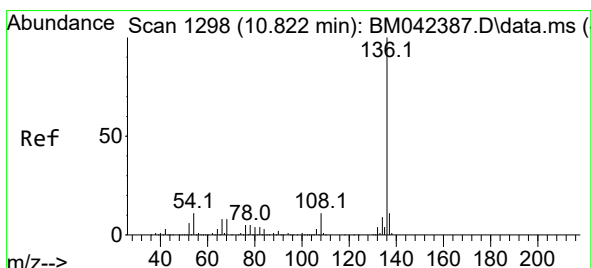
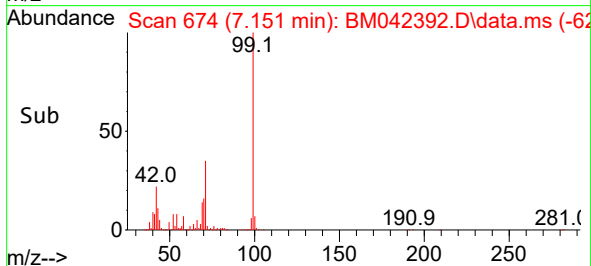
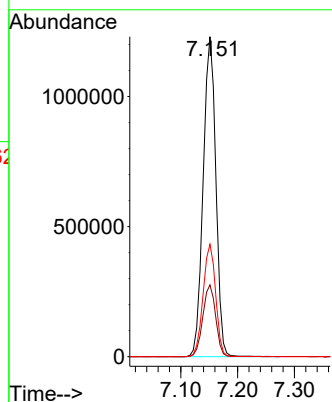
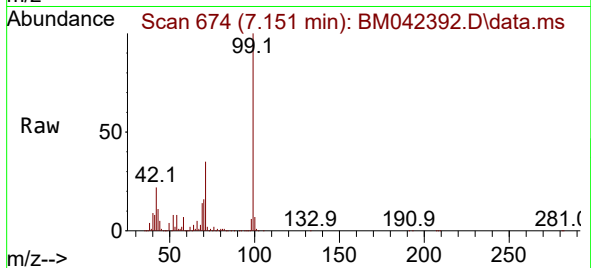




#7
Phenol-d6
Concen: 141.540 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

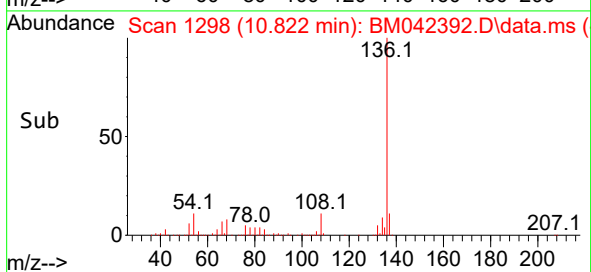
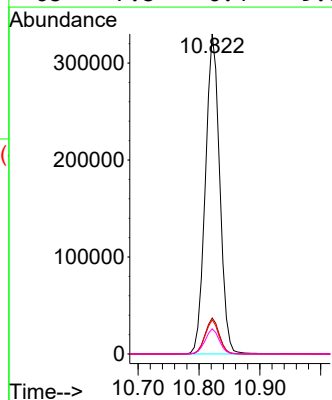
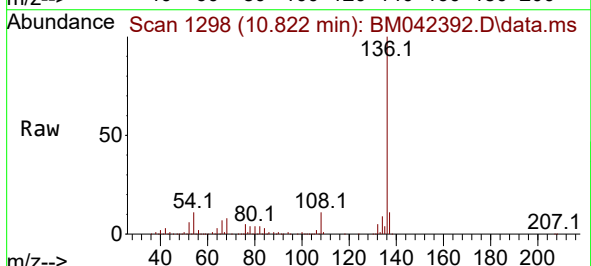
Instrument :
BNA_M
ClientSampleId :
PB156255BL

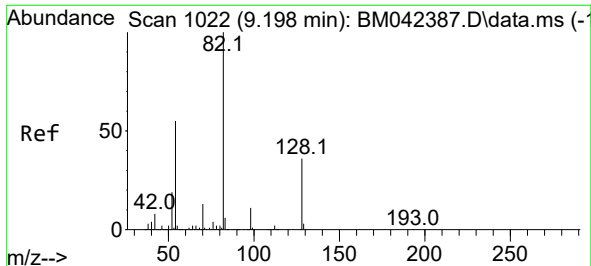
Tgt Ion: 99 Resp: 1903747
Ion Ratio Lower Upper
99 100
42 22.5 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion: 136 Resp: 537981
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.7 8.6 12.8
68 7.8 6.4 9.6

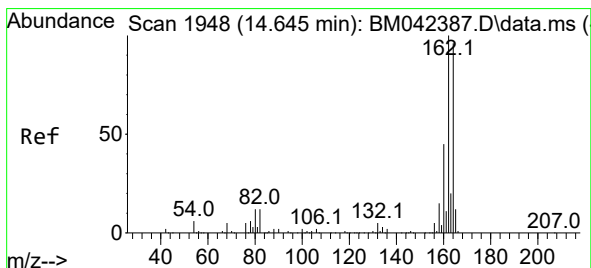
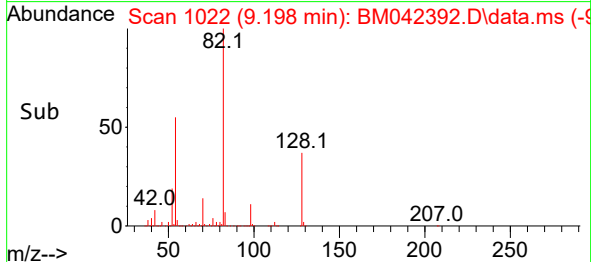
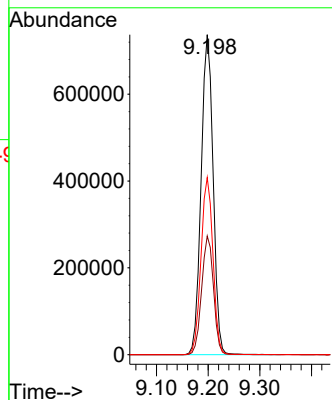
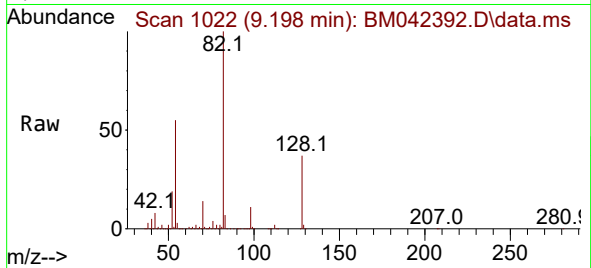




#23
Nitrobenzene-d5
Concen: 97.662 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

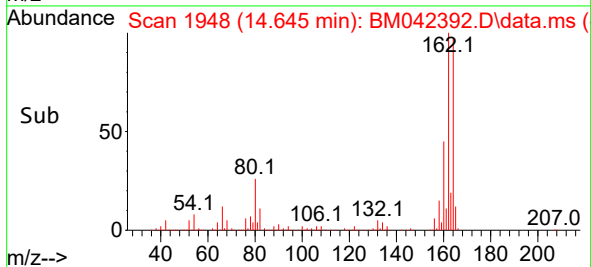
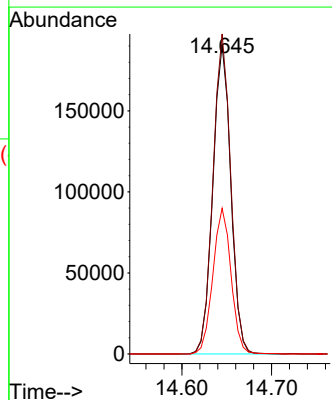
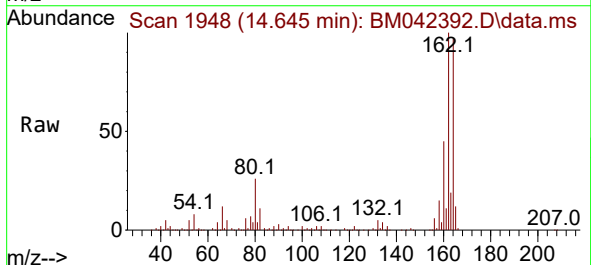
Instrument :
BNA_M
ClientSampleId :
PB156255BL

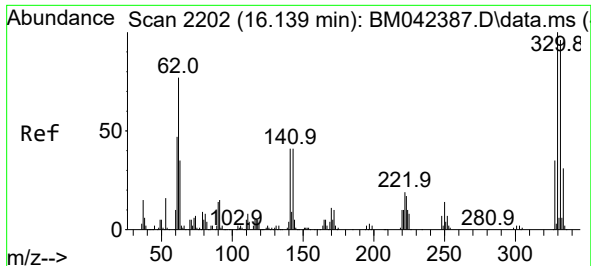
Tgt Ion: 82 Resp: 1188167
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.6
54 55.4 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:164 Resp: 264333
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 47.1 37.0 55.4

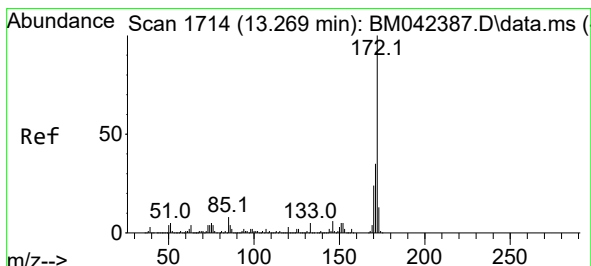
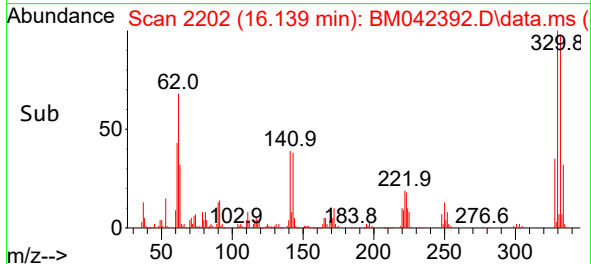
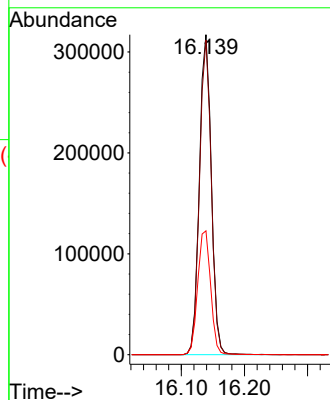
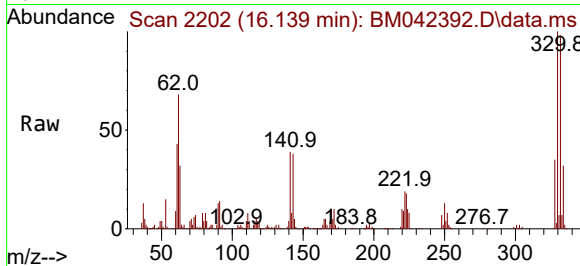




#42
2,4,6-Tribromophenol
Concen: 141.660 ng
RT: 16.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

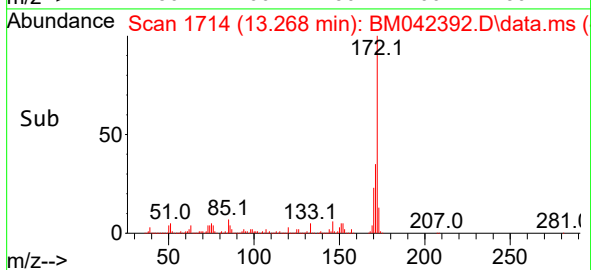
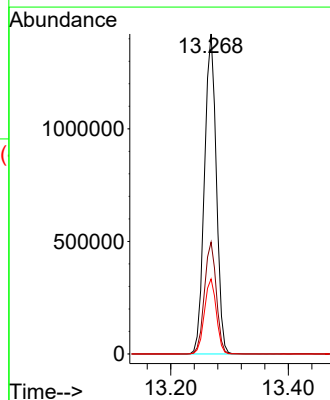
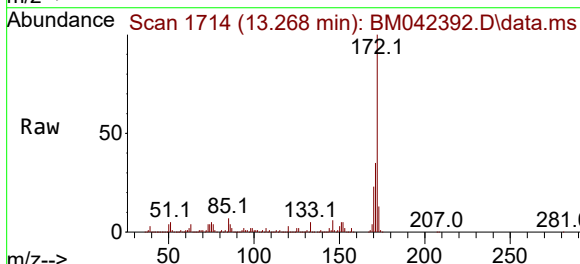
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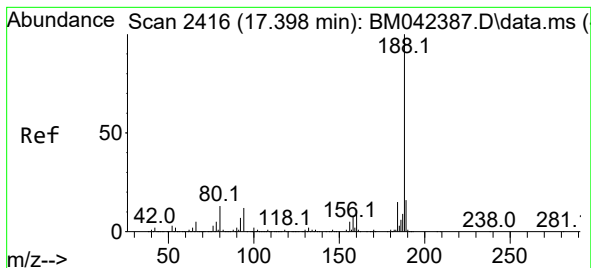
Tgt Ion:330 Resp: 416140
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 42.0 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 101.134 ng
RT: 13.268 min Scan# 1714
Delta R.T. -0.001 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:172 Resp: 1985204
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.398 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

Instrument :

BNA_M

ClientSampleId :

PB156255BL

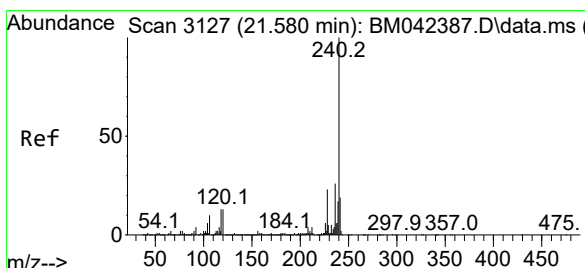
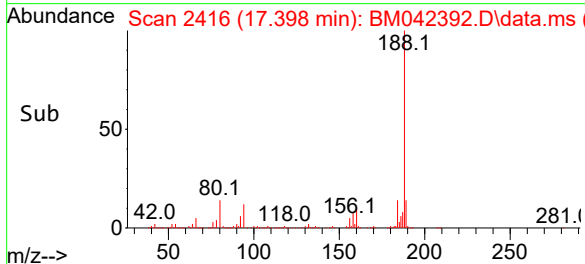
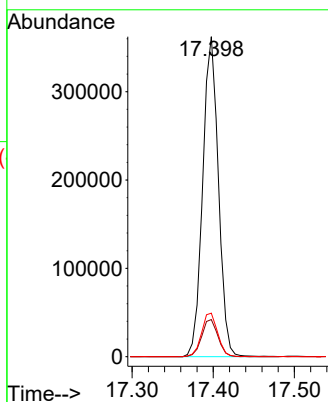
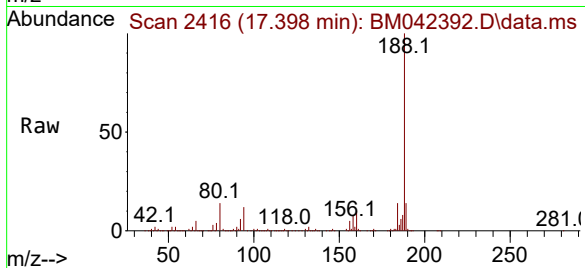
Tgt Ion:188 Resp: 485701

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

80 13.6 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: BM042392.D

Acq: 21 Oct 2023 00:35

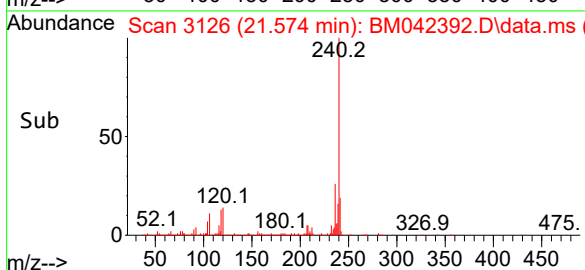
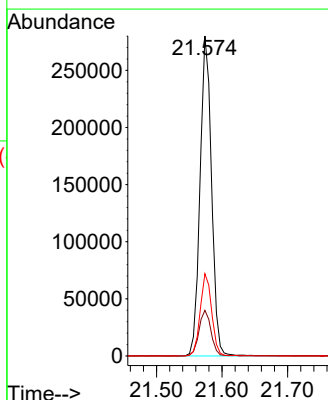
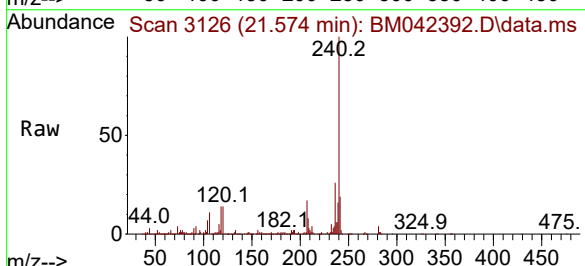
Tgt Ion:240 Resp: 342471

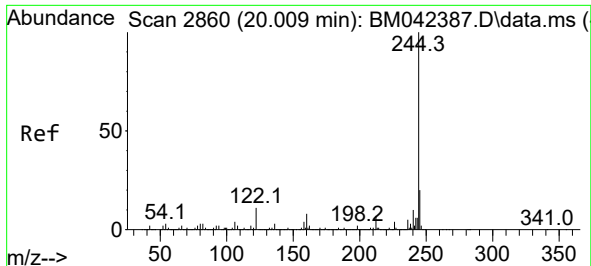
Ion Ratio Lower Upper

240 100

120 14.2 10.7 16.1

236 25.7 20.7 31.1

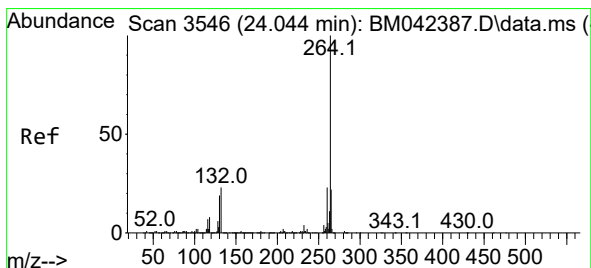
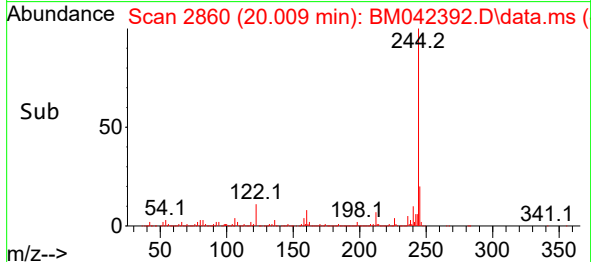
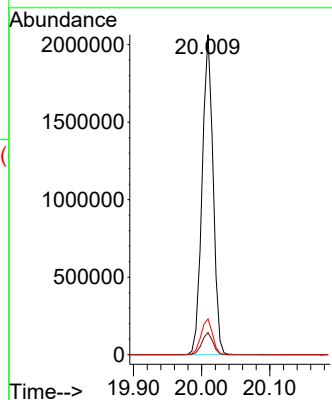
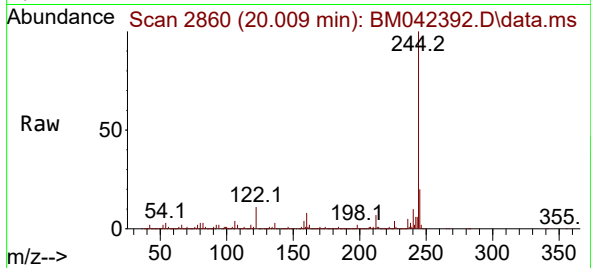




#79
 Terphenyl-d14
 Concen: 119.048 ng
 RT: 20.009 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

Instrument :
 BNA_M
 ClientSampleId :
 PB156255BL

Tgt Ion:244 Resp: 2298879
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.044 min Scan# 3546
 Delta R.T. -0.000 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

Tgt Ion:264 Resp: 346556
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.6 17.8 26.8

