

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042414.D
 Acq On : 24 Oct 2023 11:45
 Operator : MA/JU
 Sample : PB156461BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156461BL

Quant Time: Oct 24 12:54:29 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	177432	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	678785	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	381474	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	758541	20.000	ng	0.00
76) Chrysene-d12	21.574	240	564418	20.000	ng	0.00
86) Perylene-d12	24.033	264	569335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1532353	122.058	ng	0.00
7) Phenol-d6	7.151	99	1975548	117.422	ng	0.00
23) Nitrobenzene-d5	9.198	82	1273491	82.962	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	601417	141.850	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2482802	87.643	ng	0.00
79) Terphenyl-d14	20.003	244	3144325	98.800	ng	0.00

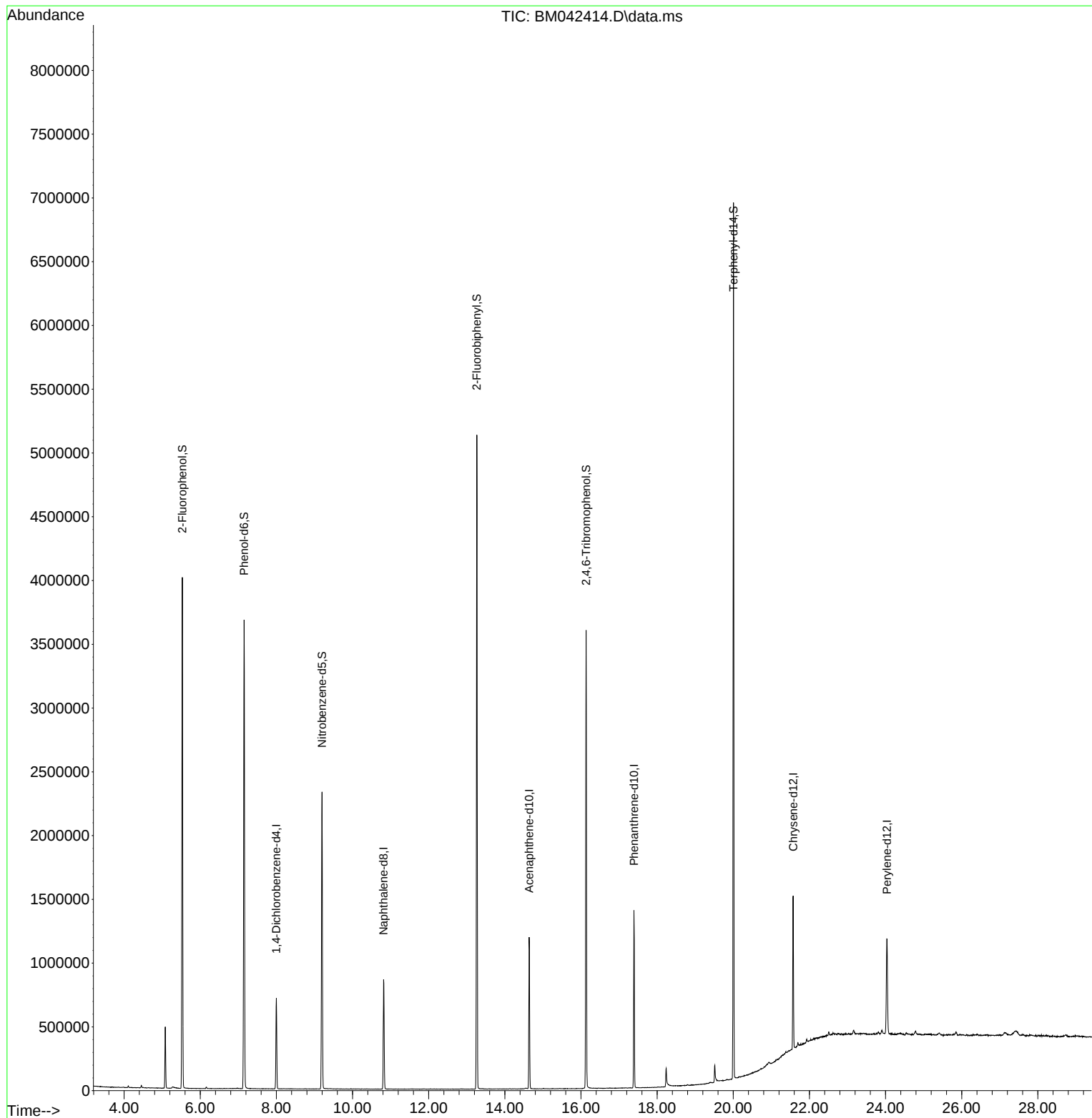
Target Compounds	Qvalue

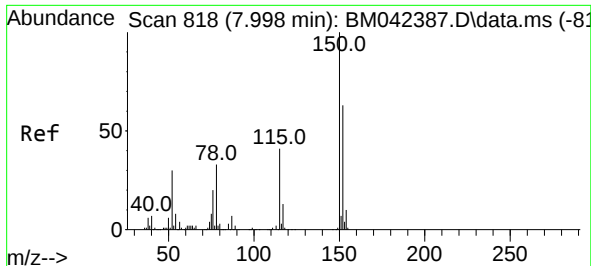
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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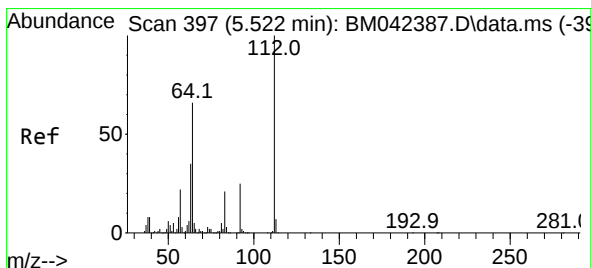
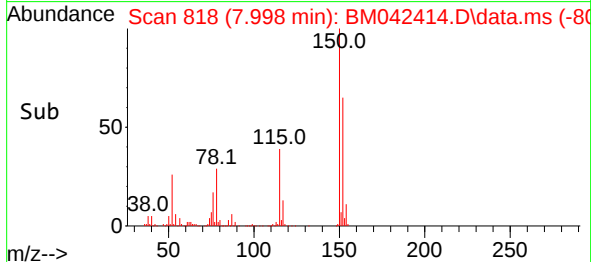
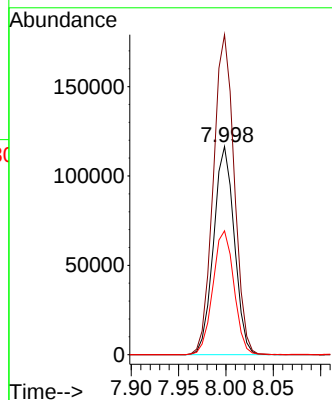
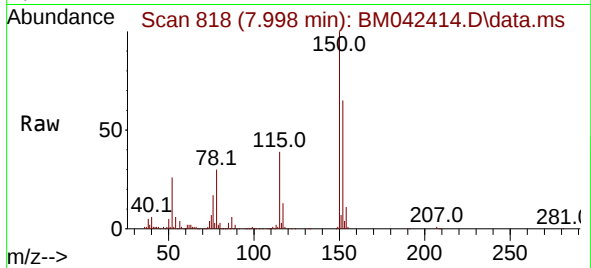




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

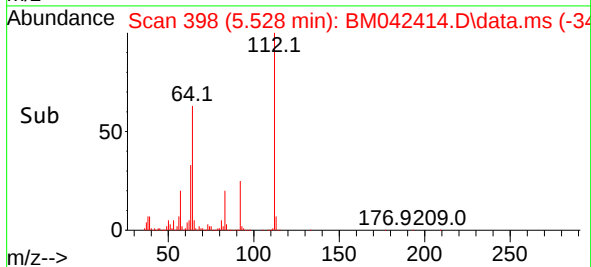
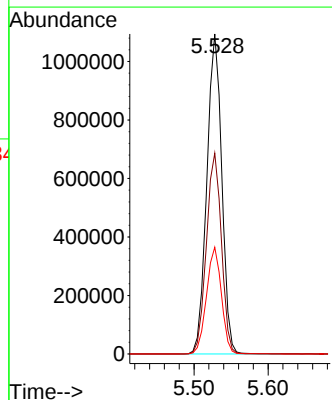
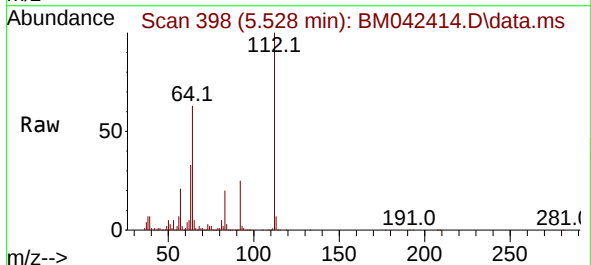
Instrument :
BNA_M
ClientSampleId :
PB156461BL

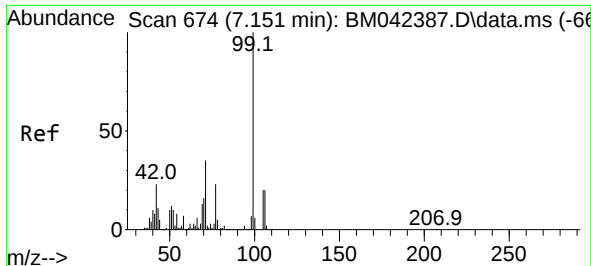
Tgt Ion:152 Resp: 177432
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.4
115 59.5 51.9 77.9



#5
2-Fluorophenol
Concen: 122.058 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:112 Resp: 1532353
Ion Ratio Lower Upper
112 100
64 62.7 52.7 79.1
63 33.4 28.3 42.5

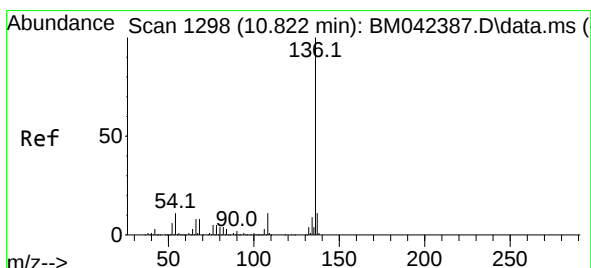
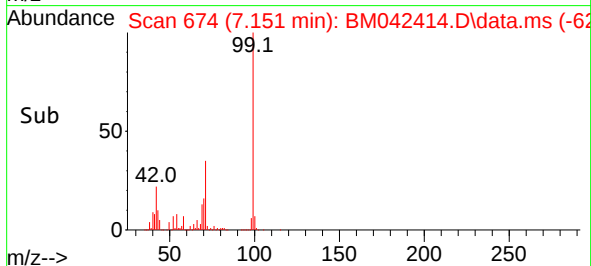
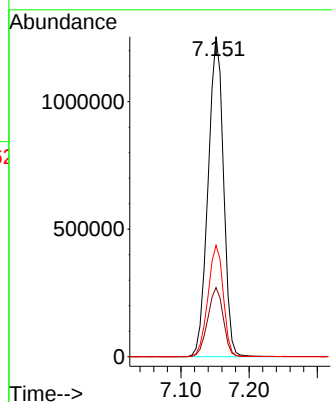
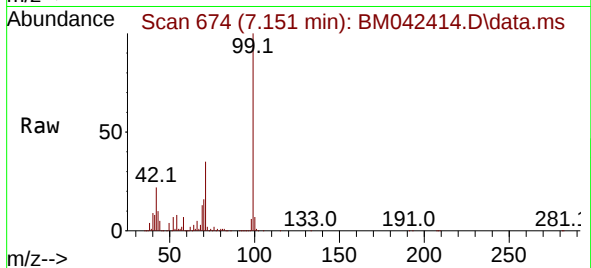




#7
Phenol-d6
Concen: 117.422 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

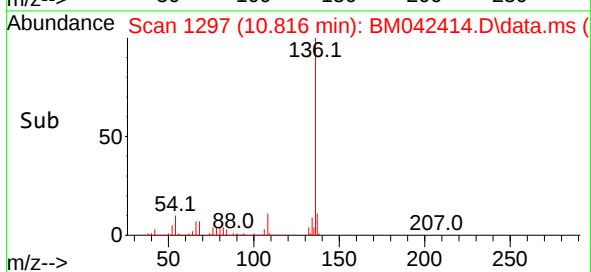
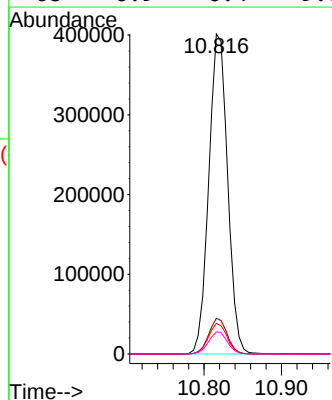
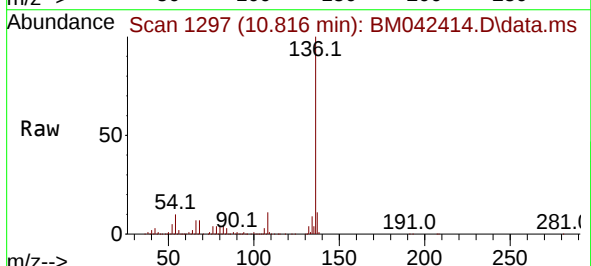
Instrument :
BNA_M
ClientSampleId :
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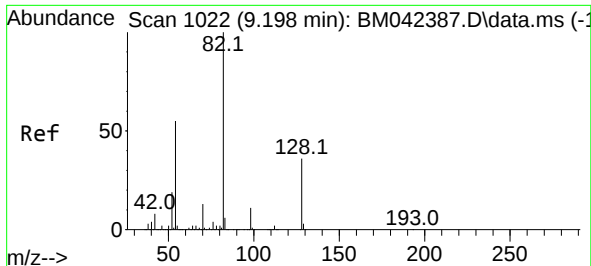
Tgt Ion: 99 Resp: 1975548
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:136 Resp: 678785
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.6 8.6 12.8
68 6.9 6.4 9.6

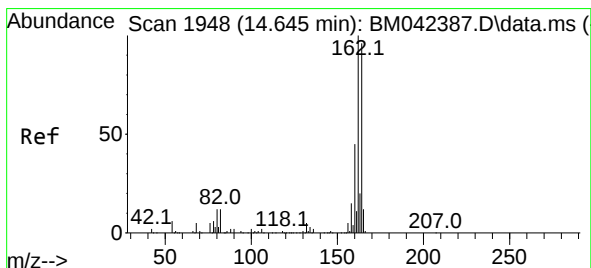
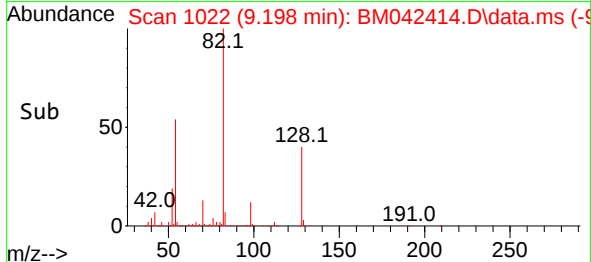
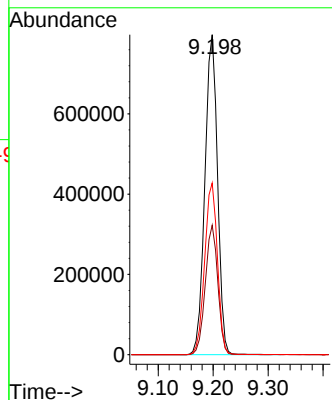
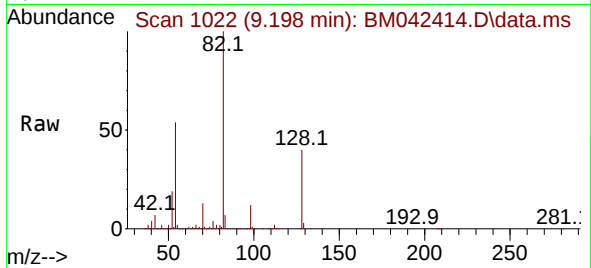




#23
Nitrobenzene-d5
Concen: 82.962 ng
RT: 9.198 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

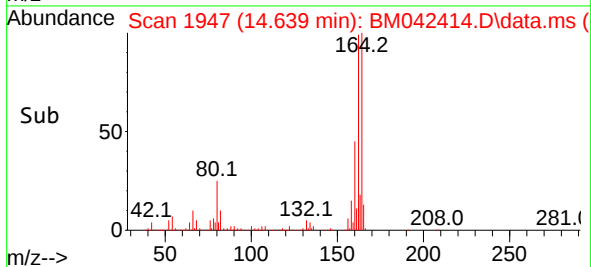
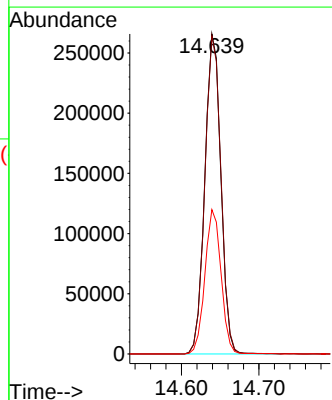
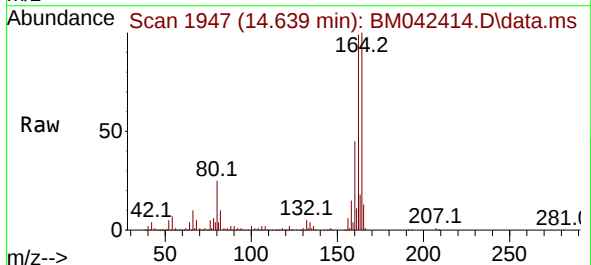
Instrument :
BNA_M
ClientSampleId :
PB156461BL

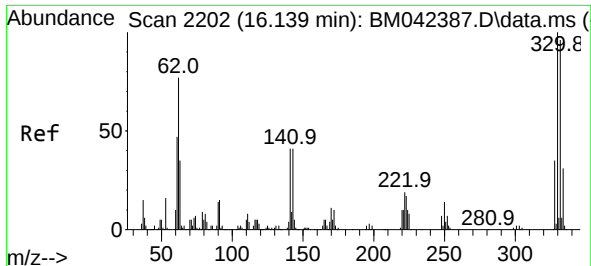
Tgt Ion: 82 Resp: 1273491
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.6
54 53.7 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:164 Resp: 381474
Ion Ratio Lower Upper
164 100
162 99.4 83.0 124.4
160 45.1 37.0 55.4

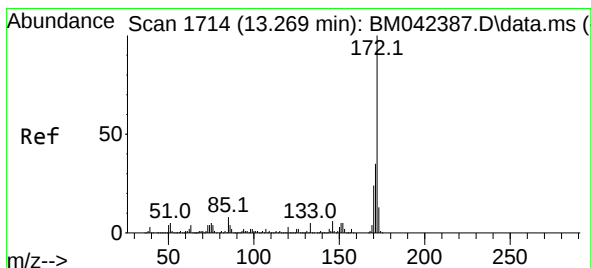
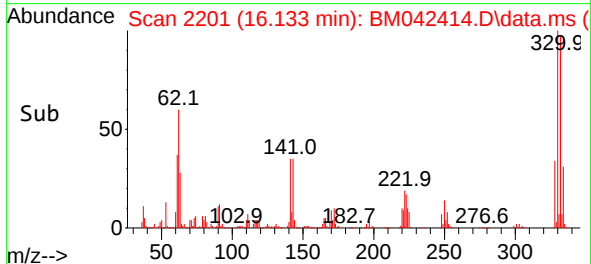
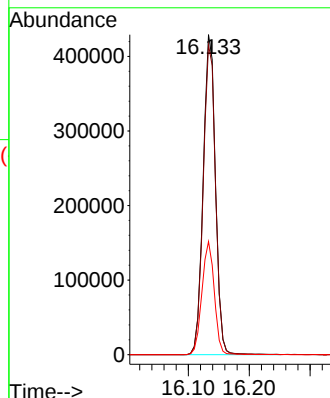
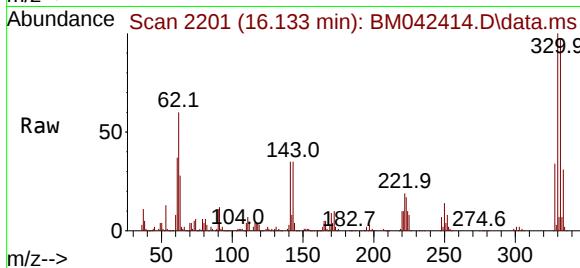




#42
2,4,6-Tribromophenol
Concen: 141.850 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

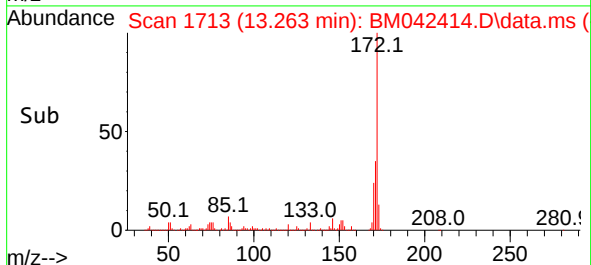
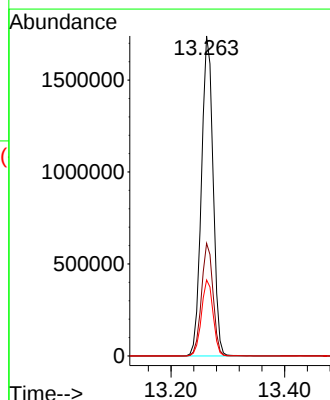
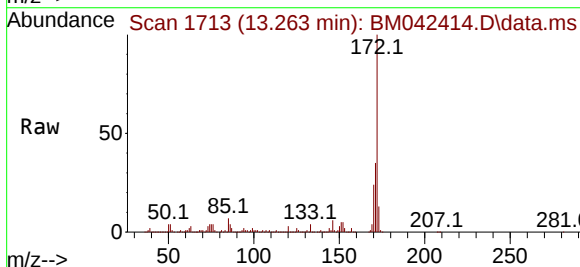
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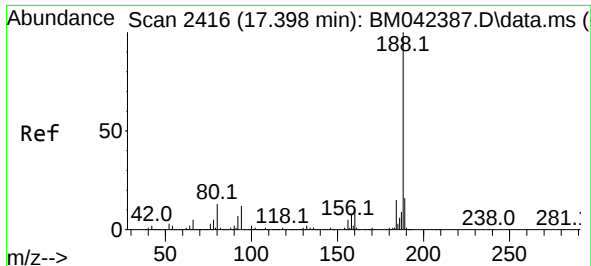
Tgt Ion:330 Resp: 601417
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 35.7 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 87.643 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:172 Resp: 2482802
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 18.9 28.3

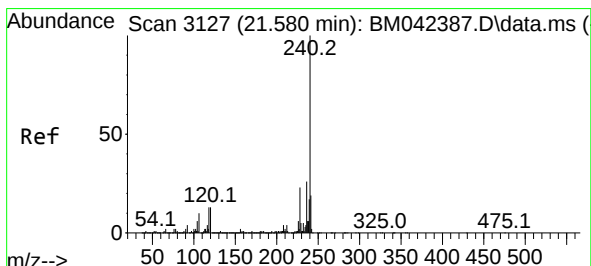
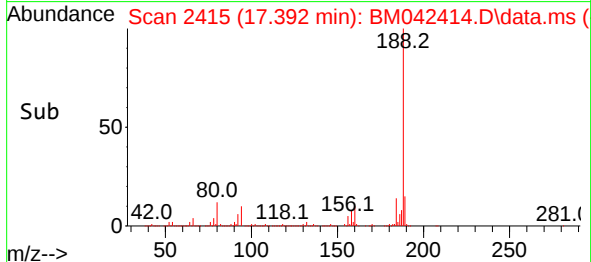
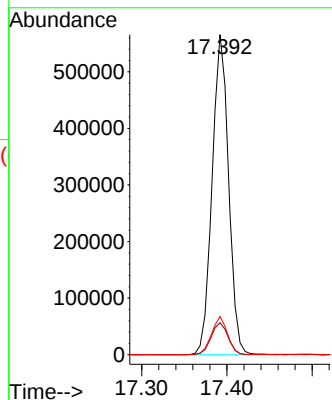
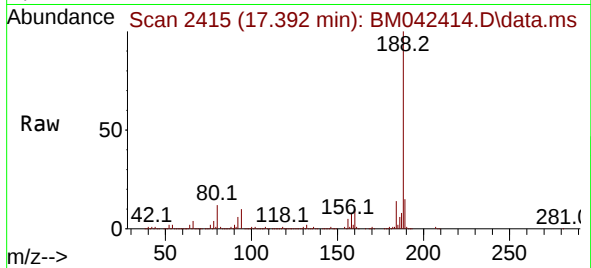




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

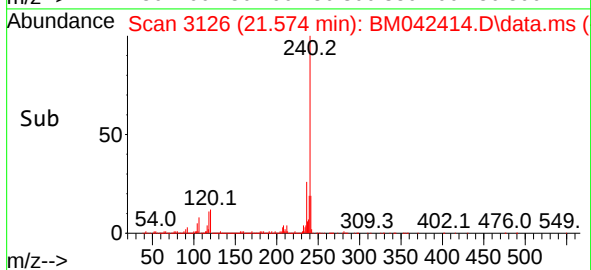
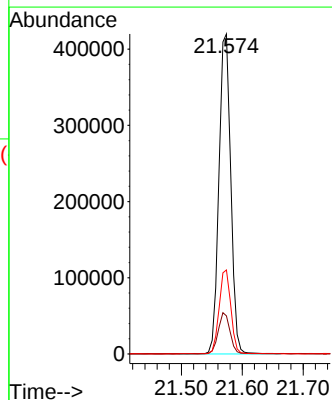
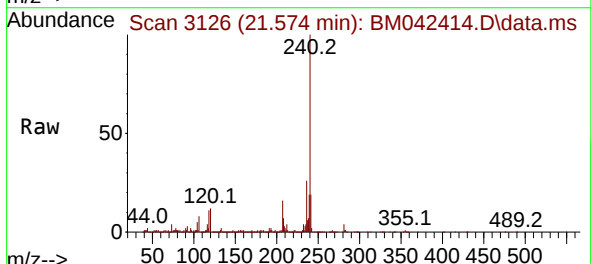
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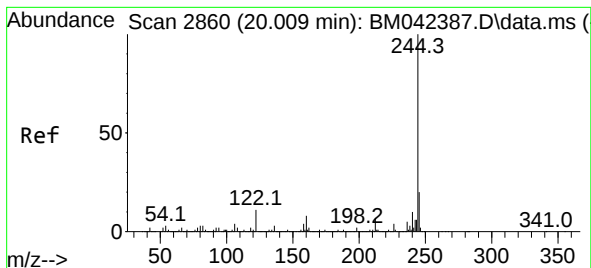
Tgt Ion:188 Resp: 758541
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.0
80 12.0 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:240 Resp: 564418
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 98.800 ng

RT: 20.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042414.D

Acq: 24 Oct 2023 11:45

Instrument :

BNA_M

ClientSampleId :

PB156461BL

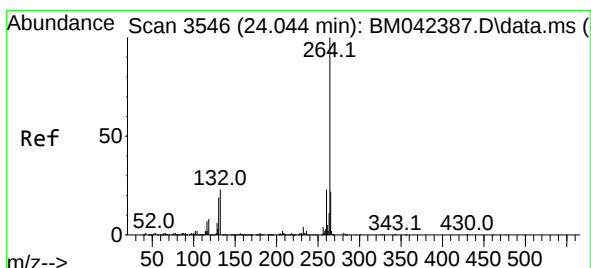
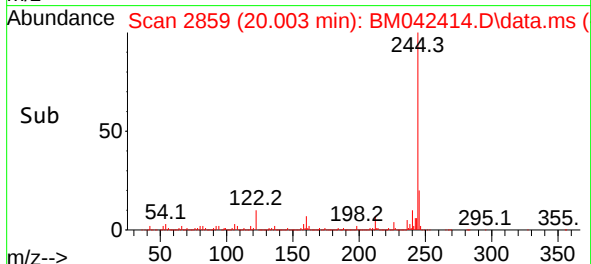
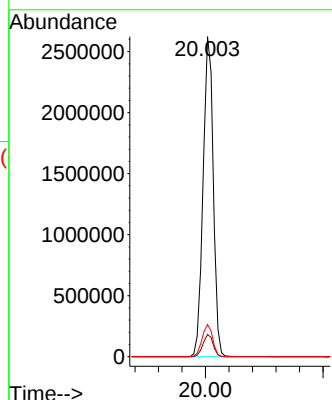
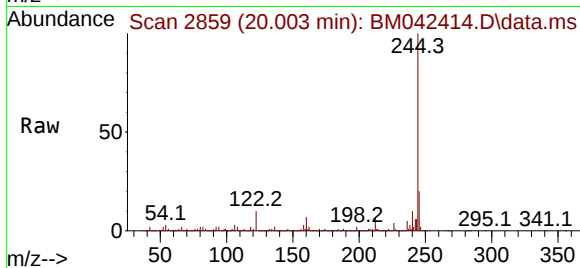
Tgt Ion:244 Resp: 3144325

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.1 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: BM042414.D

Acq: 24 Oct 2023 11:45

Tgt Ion:264 Resp: 569335

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.1 17.8 26.8

