

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042434.D
 Acq On : 25 Oct 2023 12:42
 Operator : MA/JU
 Sample : PB156507TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156507TB

Quant Time: Oct 25 13:27:31 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	7.993	152	137580	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	516704	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285679	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	565834	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	487703	20.000	ng	-0.01
86) Perylene-d12	24.027	264	518256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1188400	122.081	ng	0.00
7) Phenol-d6	7.146	99	1507252	115.538	ng	0.00
23) Nitrobenzene-d5	9.192	82	972192	83.200	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	468336	147.134	ng	-0.01
45) 2-Fluorobiphenyl	13.263	172	1886905	88.943	ng	0.00
79) Terphenyl-d14	19.998	244	2618101	95.205	ng	-0.01

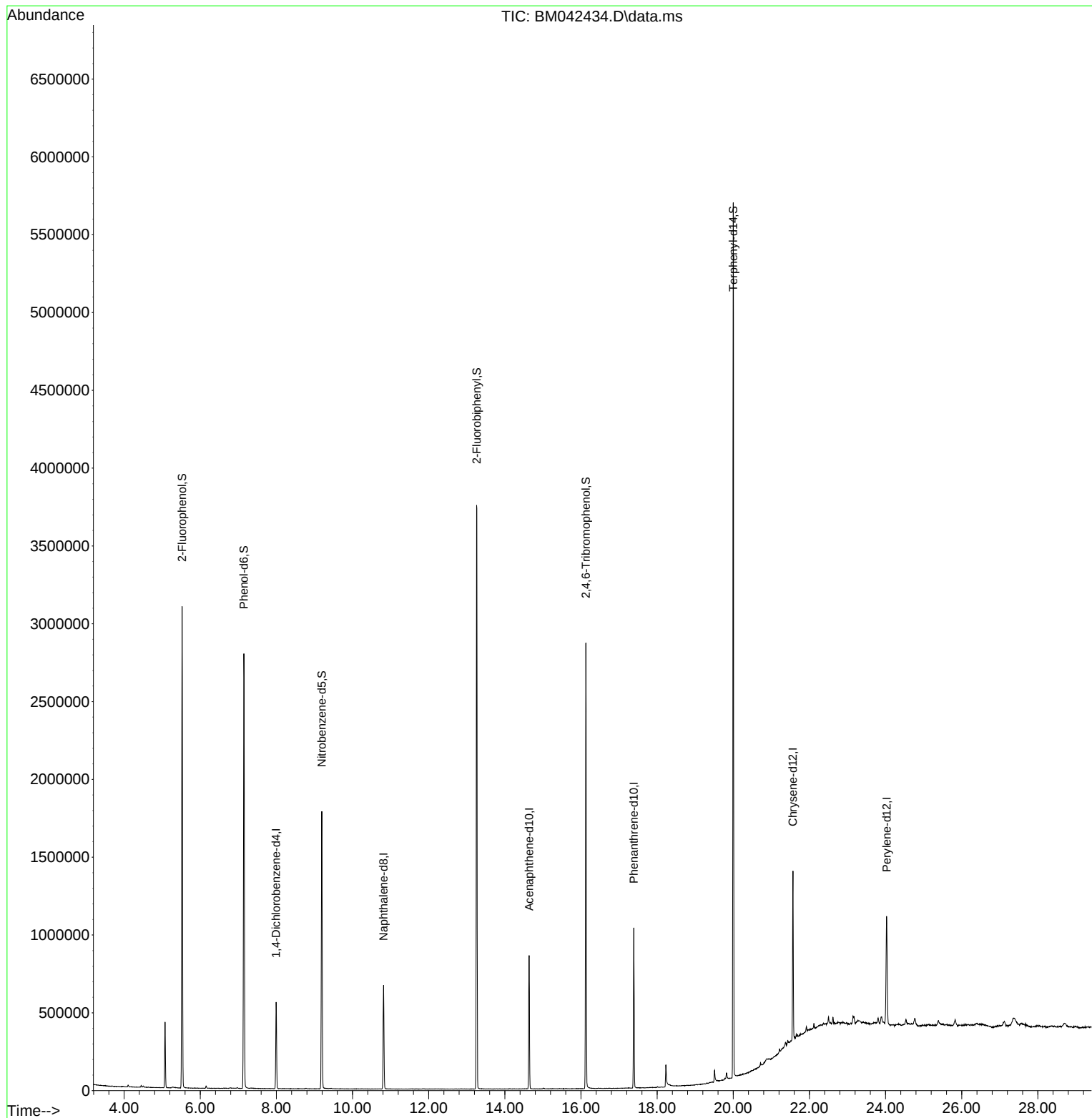
Target Compounds	Qvalue

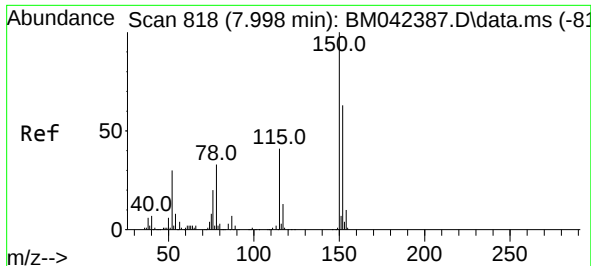
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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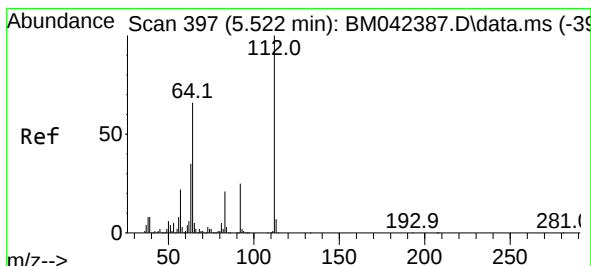
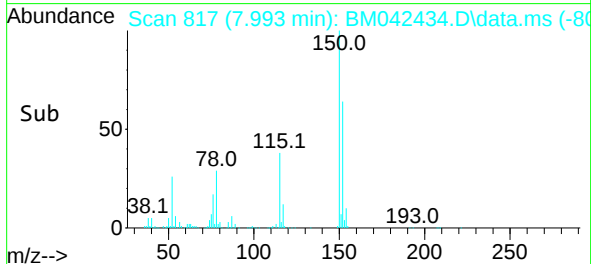
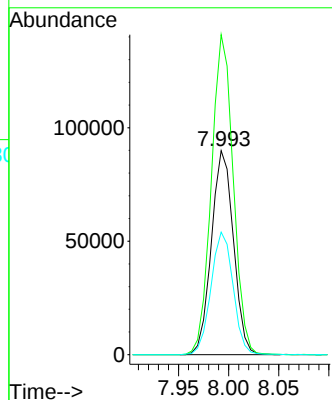
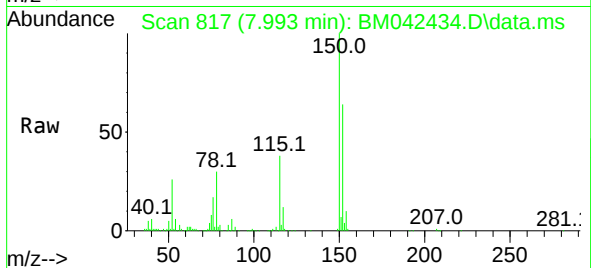




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

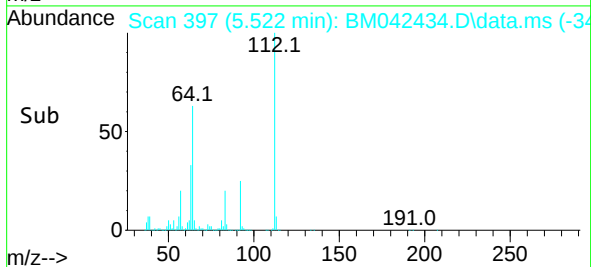
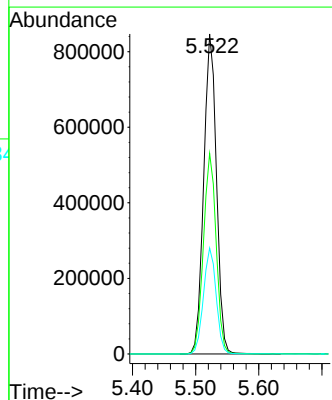
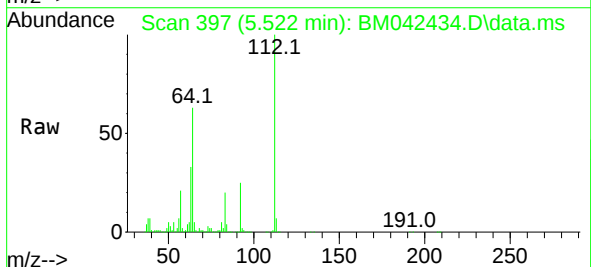
Instrument :
BNA_M
ClientSampleId :
PB156507TB

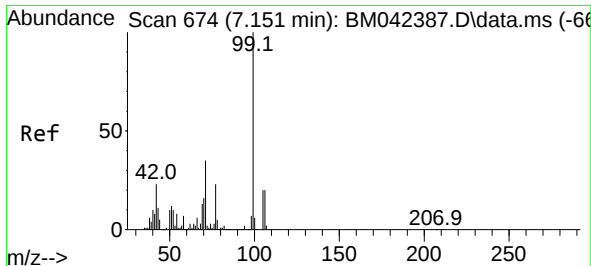
Tgt Ion:152 Resp: 137580
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 60.1 51.9 77.9



#5
2-Fluorophenol
Concen: 122.081 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Tgt Ion:112 Resp: 1188400
Ion Ratio Lower Upper
112 100
64 62.6 52.7 79.1
63 33.1 28.3 42.5



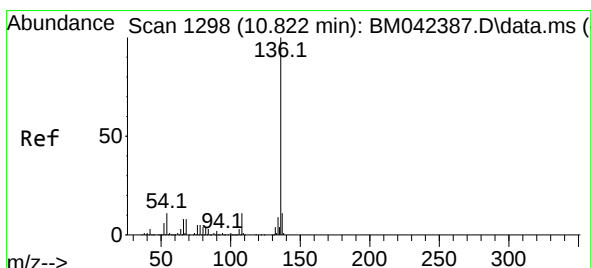
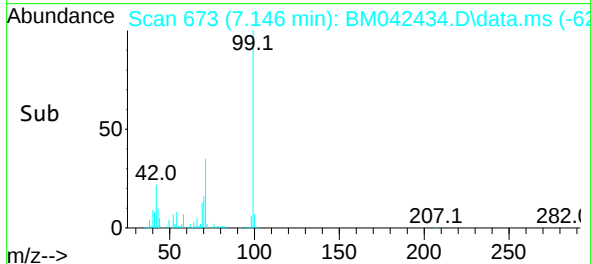
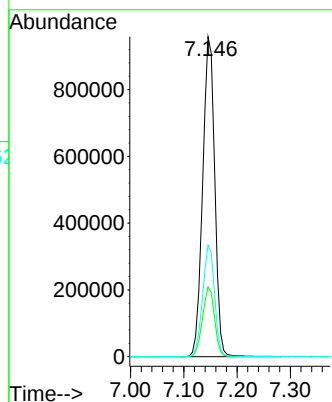
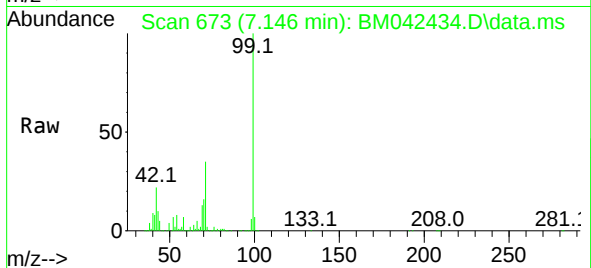


#7
Phenol-d6
Concen: 115.538 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Instrument :
BNA_M
ClientSampleId :
PB156507TB

Tgt Ion: 99 Resp: 1507252

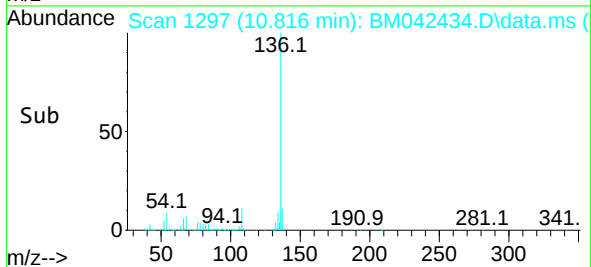
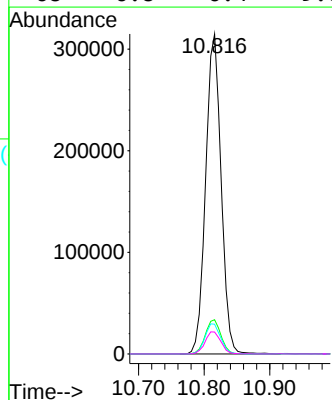
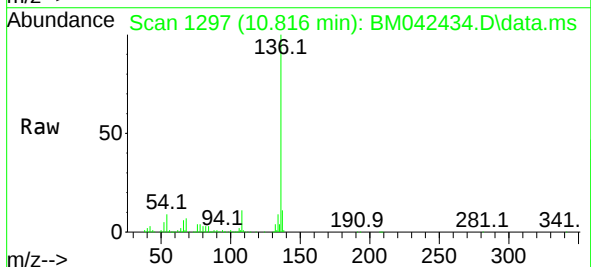
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.5	27.7
71	34.9	27.7	41.5

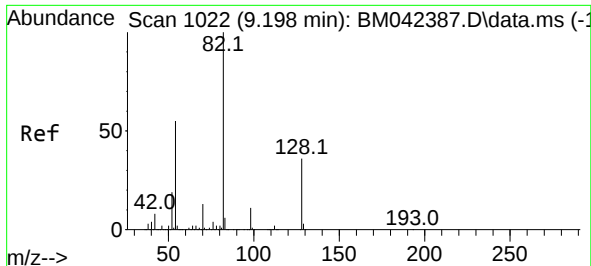


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Tgt Ion: 136 Resp: 516704

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.3	8.6	12.8
68	6.8	6.4	9.6

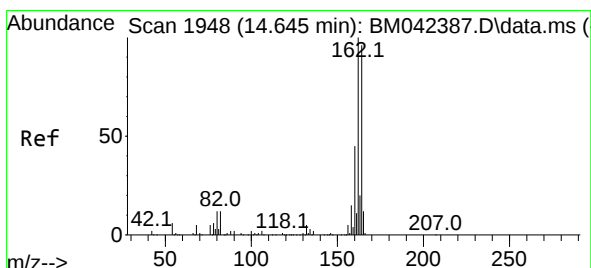
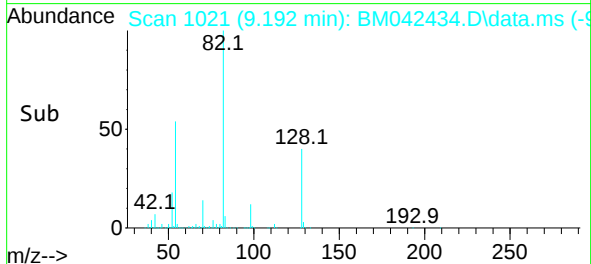
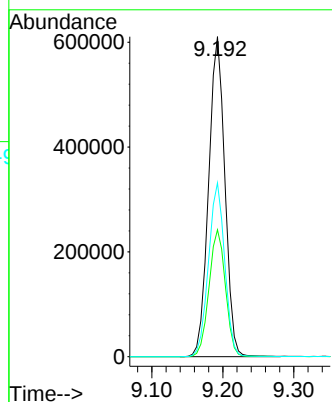
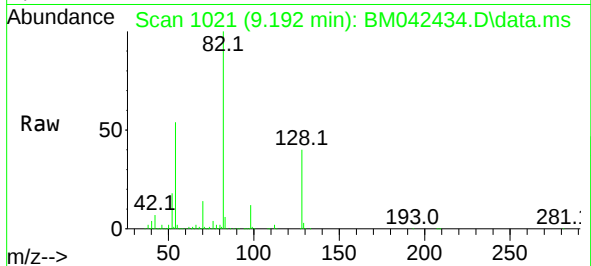




#23
Nitrobenzene-d5
Concen: 83.200 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

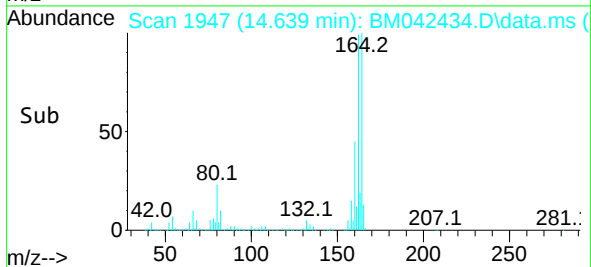
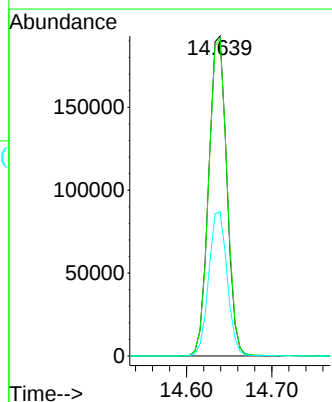
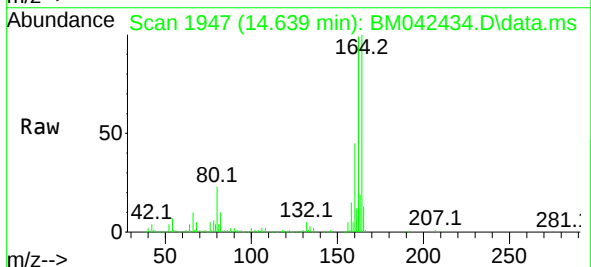
Instrument :
BNA_M
ClientSampleId :
PB156507TB

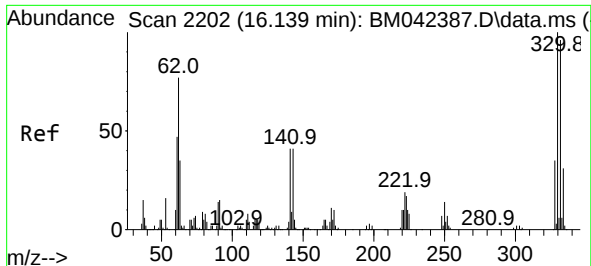
Tgt Ion: 82 Resp: 972192
Ion Ratio Lower Upper
82 100
128 39.6 29.0 43.6
54 54.3 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Tgt Ion: 164 Resp: 285679
Ion Ratio Lower Upper
164 100
162 99.4 83.0 124.4
160 45.0 37.0 55.4

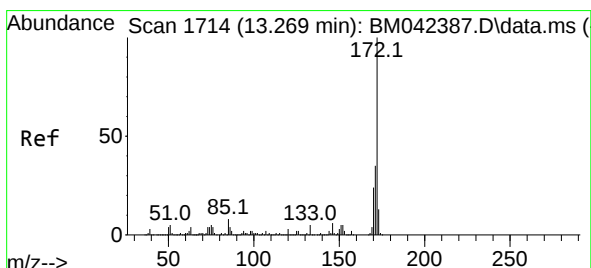
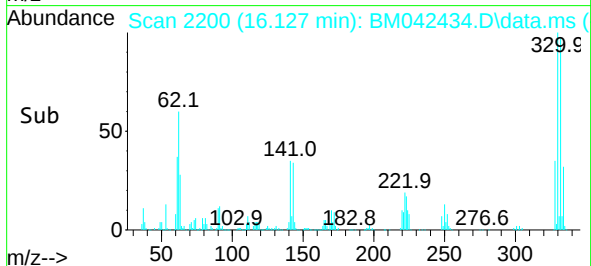
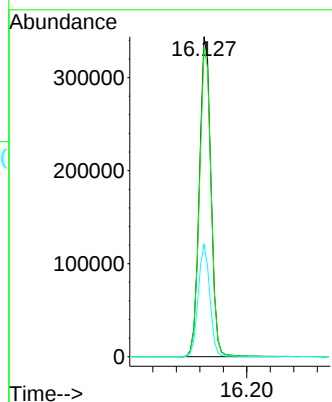
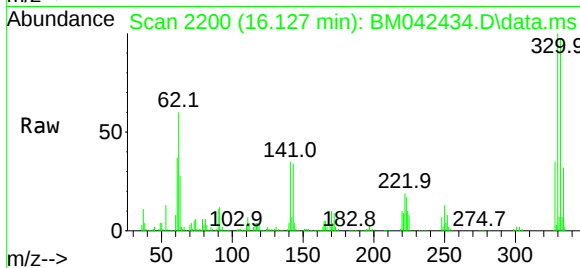




#42
2,4,6-Tribromophenol
Concen: 147.134 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

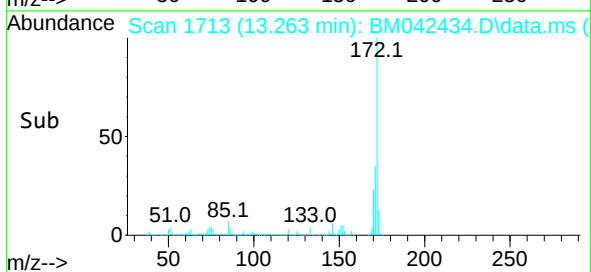
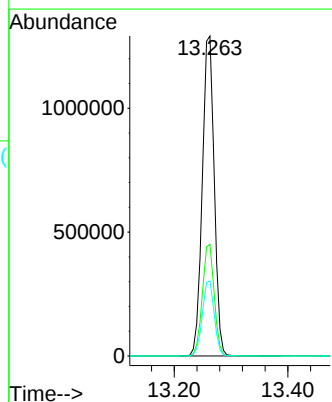
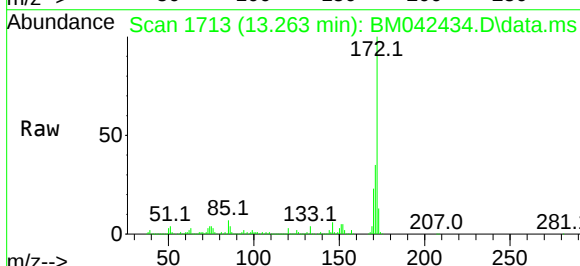
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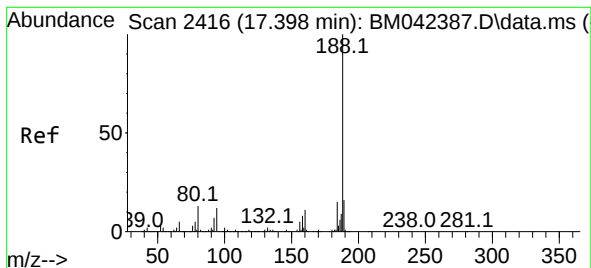
Tgt Ion:330 Resp: 468336
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 35.3 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 88.943 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Tgt Ion:172 Resp: 1886905
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BM042434.D

Acq: 25 Oct 2023 12:42

Instrument :

BNA_M

ClientSampleId :

PB156507TB

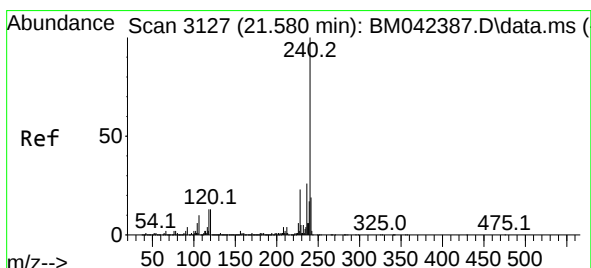
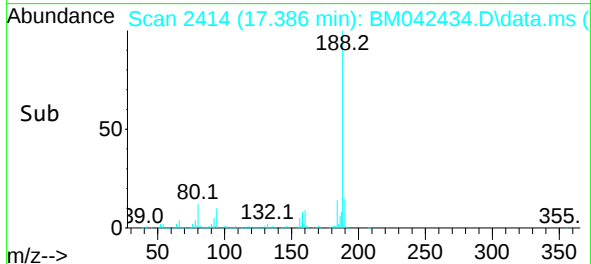
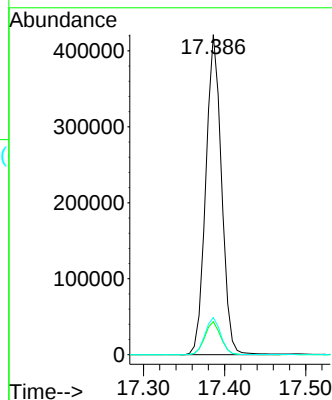
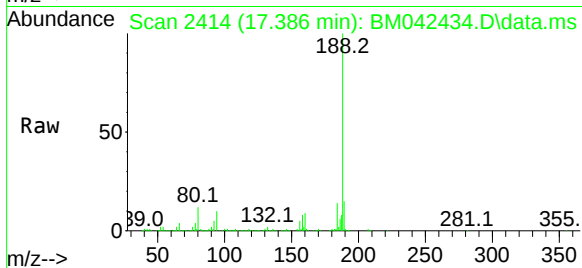
Tgt Ion:188 Resp: 565834

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.6 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: BM042434.D

Acq: 25 Oct 2023 12:42

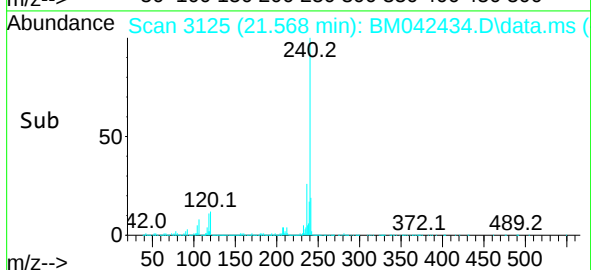
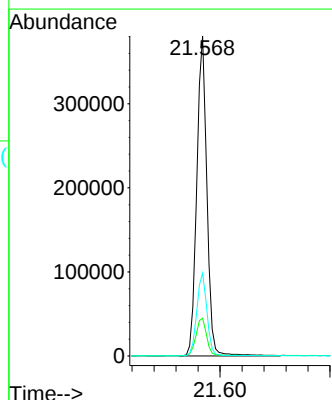
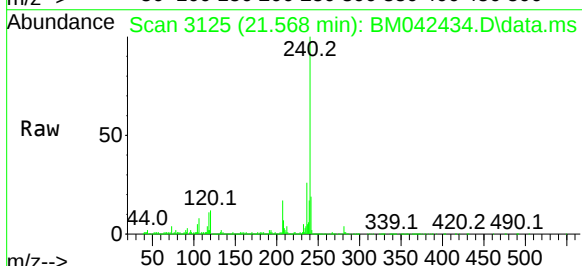
Tgt Ion:240 Resp: 487703

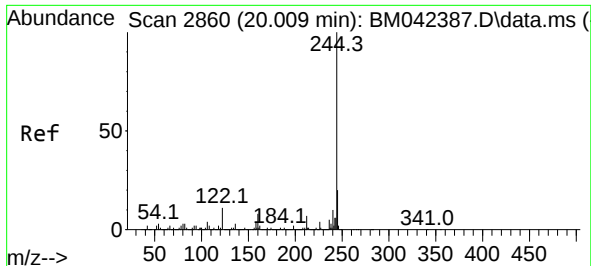
Ion Ratio Lower Upper

240 100

120 11.8 10.7 16.1

236 25.9 20.7 31.1

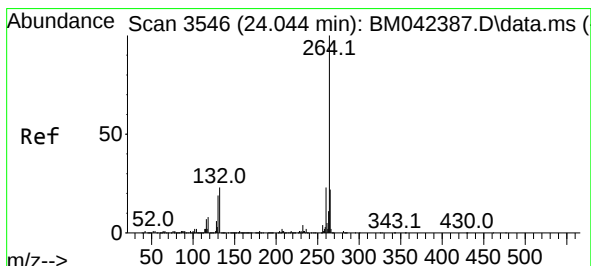
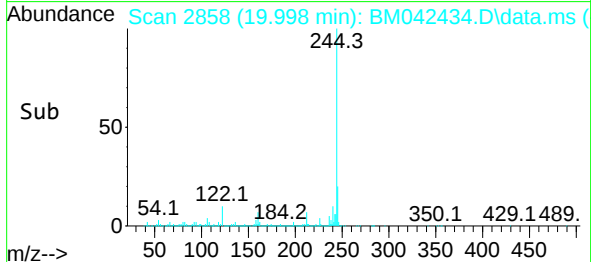
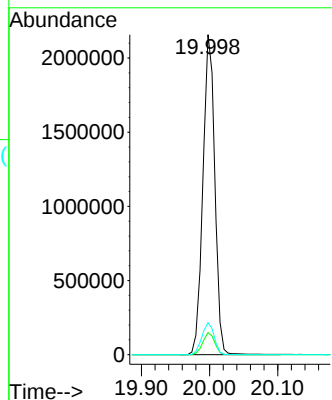
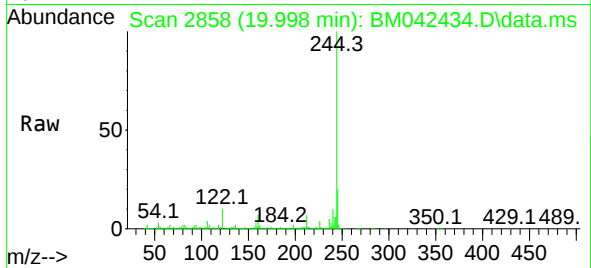




#79
 Terphenyl-d14
 Concen: 95.205 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042434.D
 Acq: 25 Oct 2023 12:42

Instrument :
 BNA_M
 ClientSampleId :
 PB156507TB

Tgt Ion:244 Resp: 2618101
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.027 min Scan# 3543
 Delta R.T. -0.018 min
 Lab File: BM042434.D
 Acq: 25 Oct 2023 12:42

Tgt Ion:264 Resp: 518256
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.5 17.8 26.8

