

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042540.D
 Acq On : 01 Nov 2023 15:24
 Operator : MA/JU
 Sample : 05138-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348RE

Quant Time: Nov 01 16:38:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

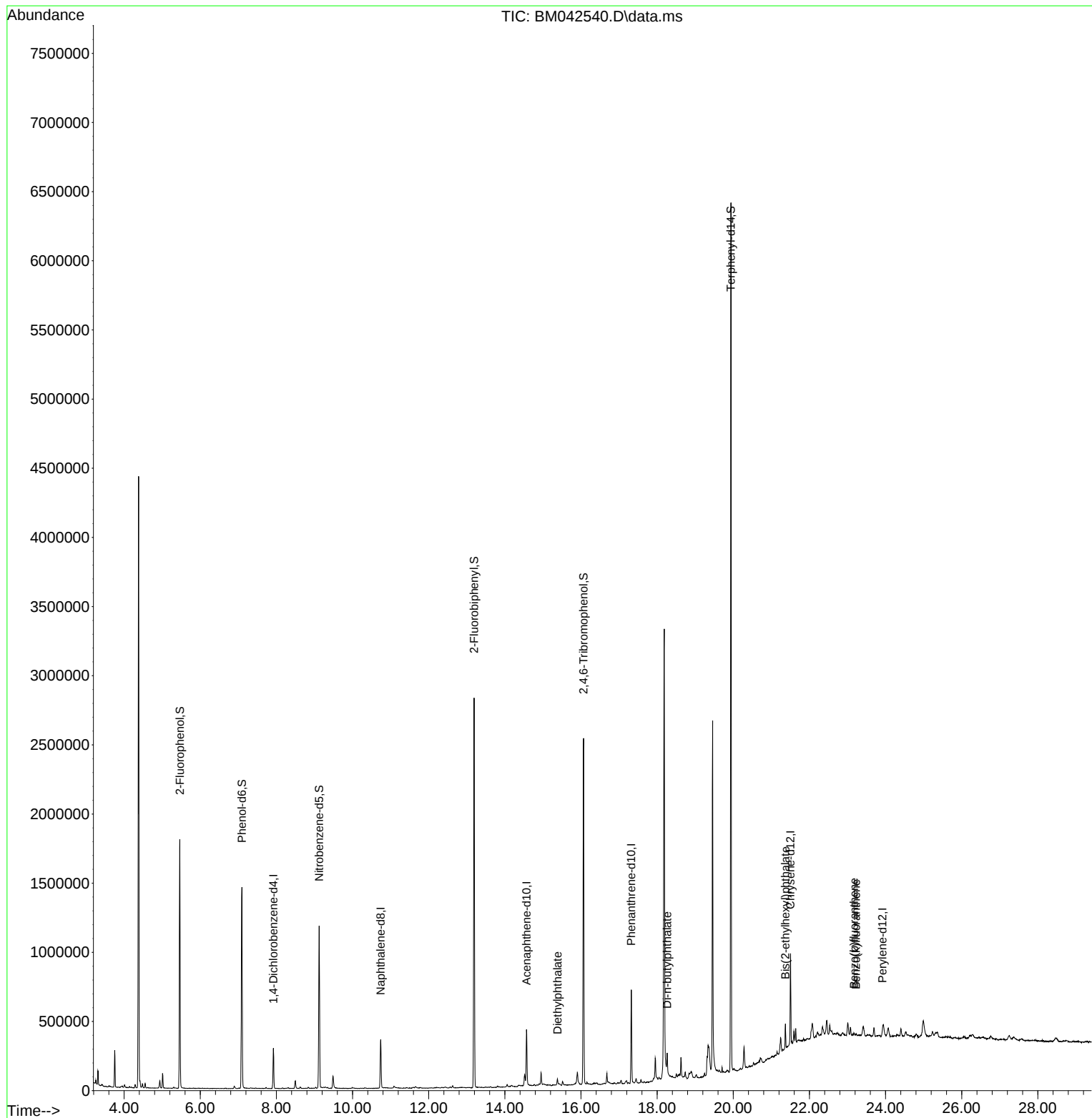
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	68377	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	254497	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	107924	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	349496	20.000	ng	0.00
76) Chrysene-d12	21.503	240	238602	20.000	ng	0.00
86) Perylene-d12	23.921	264	22003	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	630981	148.928	ng	0.00
7) Phenol-d6	7.092	99	651492	112.121	ng	0.00
23) Nitrobenzene-d5	9.122	82	610836	111.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	396738	281.566	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1271239	158.498	ng	0.00
79) Terphenyl-d14	19.939	244	2521961	179.221	ng	0.00
Target Compounds						
60) Diethylphthalate	15.380	149	31326	3.833	ng	98
74) Di-n-butylphthalate	18.262	149	101327	4.903	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	63899	6.042	ng	99
88) Benzo(b)fluoranthene	23.174	252	13640	11.127	ng	# 74
89) Benzo(k)fluoranthene	23.221	252	10580	7.745	ng	# 69

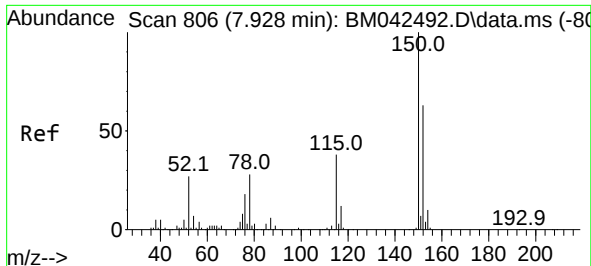
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
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Quant Time: Nov 01 16:38:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

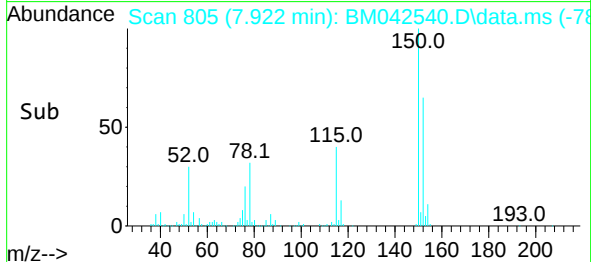
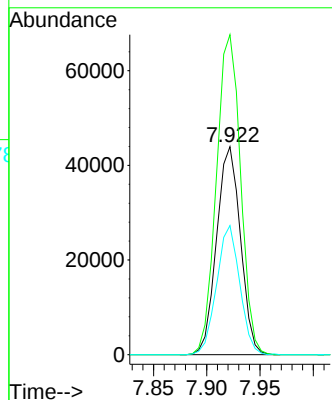
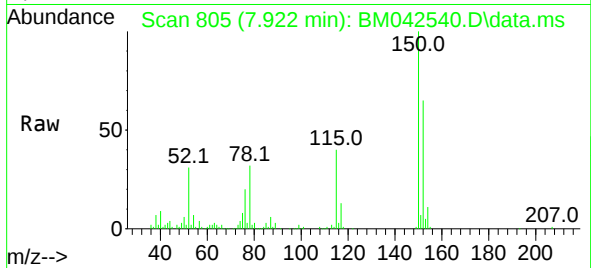




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

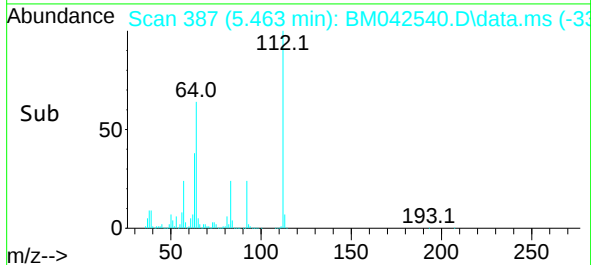
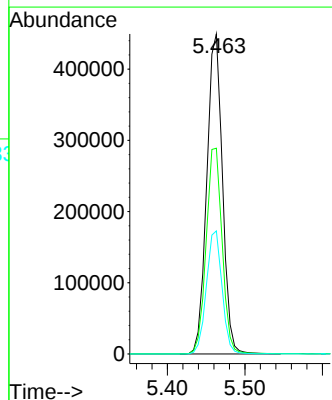
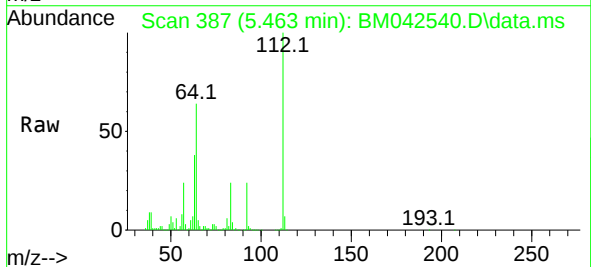
Instrument :
BNA_M
ClientSampleId :
348RE

Tgt Ion:152 Resp: 68377
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 62.1 47.9 71.9



#5
2-Fluorophenol
Concen: 148.928 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:112 Resp: 630981
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 38.5 28.3 42.5

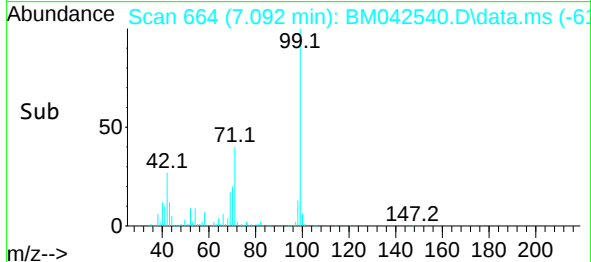
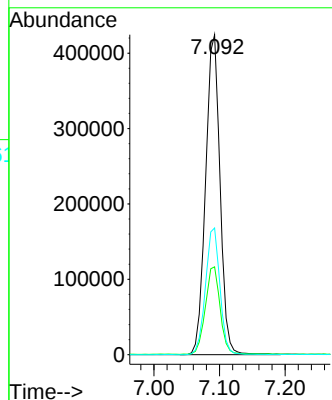
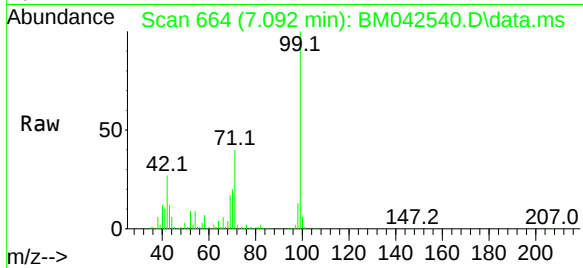




#7
Phenol-d6
Concen: 112.121 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

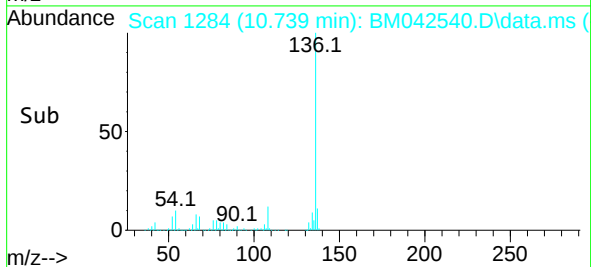
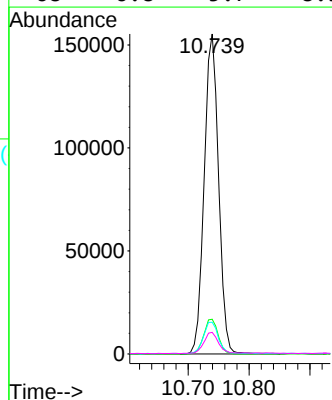
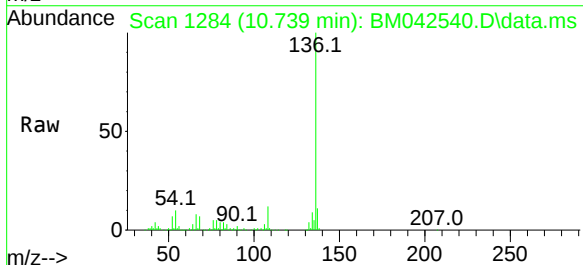
Instrument :
BNA_M
ClientSampleId :
348RE

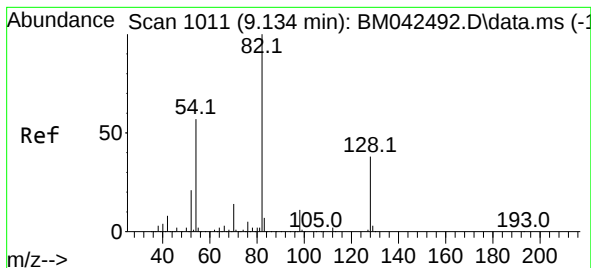
Tgt Ion: 99 Resp: 651492
Ion Ratio Lower Upper
99 100
42 27.5 18.7 28.1
71 39.6 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion: 136 Resp: 254497
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.9 8.0 12.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 111.887 ng

RT: 9.122 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

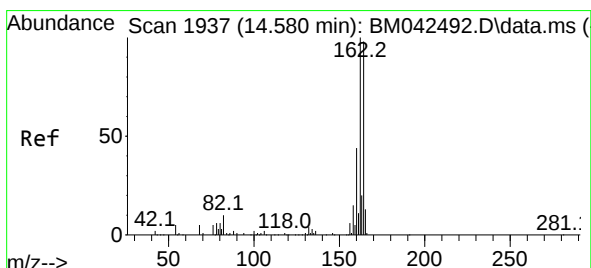
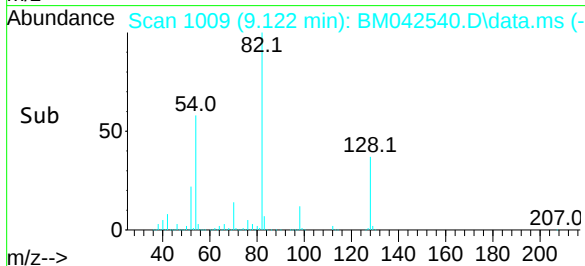
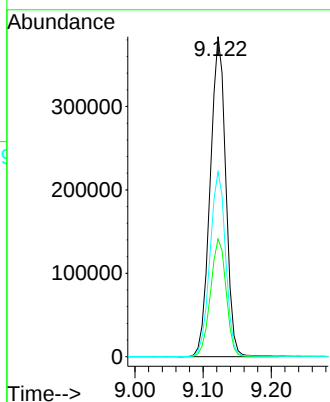
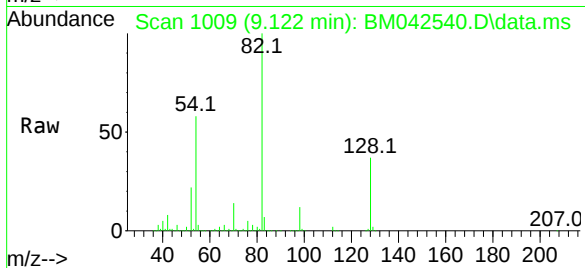
Tgt Ion: 82 Resp: 610836

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

54 57.8 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

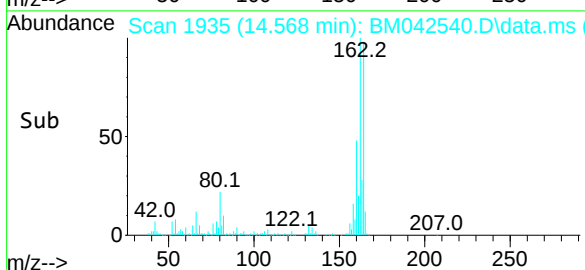
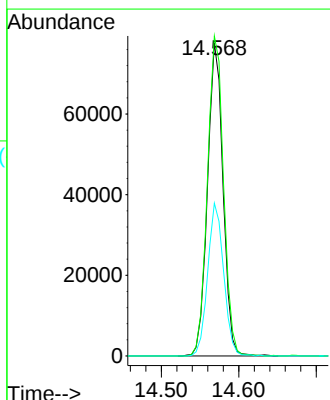
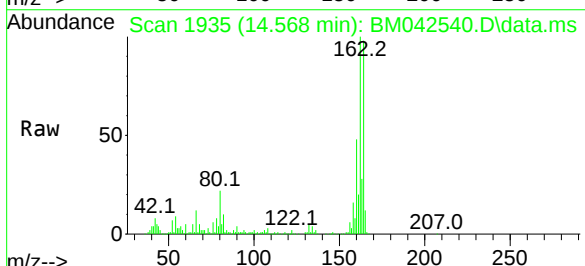
Tgt Ion: 164 Resp: 107924

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 48.8 36.2 54.4

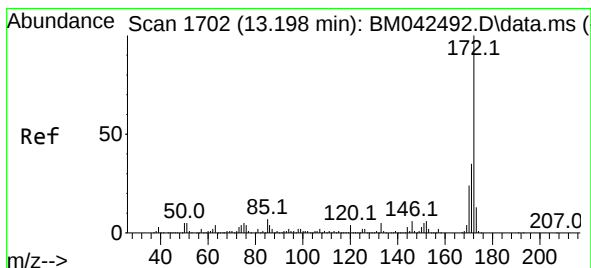
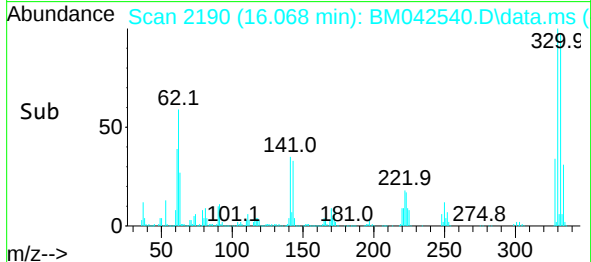
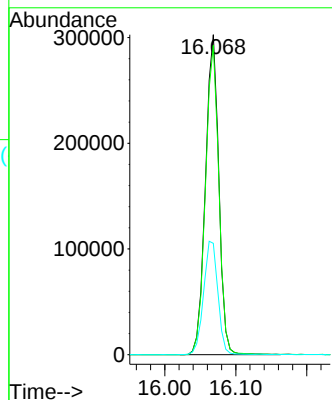
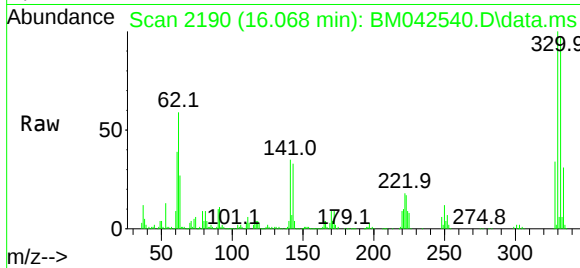




#42
2,4,6-Tribromophenol
Concen: 281.566 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

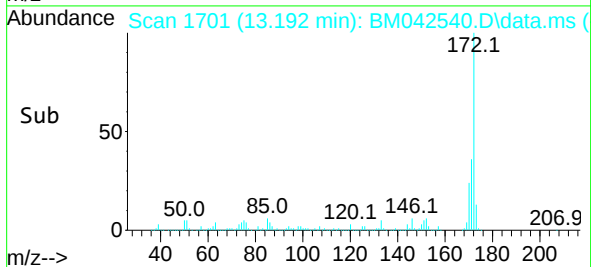
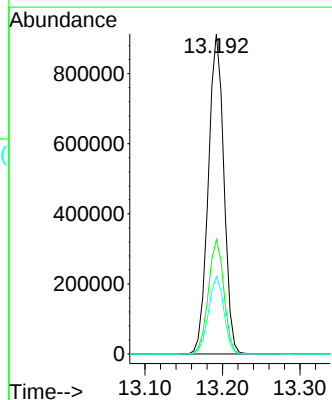
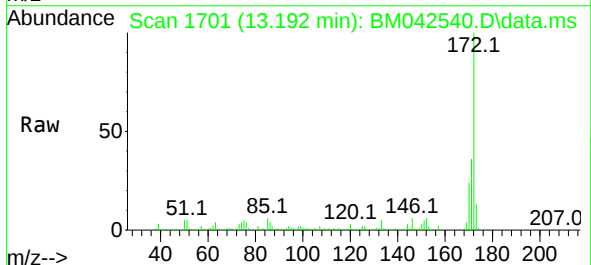
Instrument :
BNA_M
ClientSampleId :
348RE

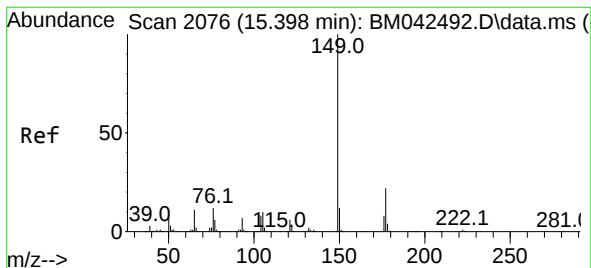
Tgt Ion:330 Resp: 396738
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 38.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 158.498 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:172 Resp: 1271239
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.1 19.0 28.4





#60

Diethylphthalate

Concen: 3.833 ng

RT: 15.380 min Scan# 2076

Delta R.T. -0.018 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

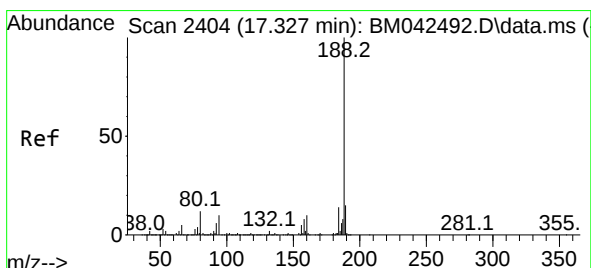
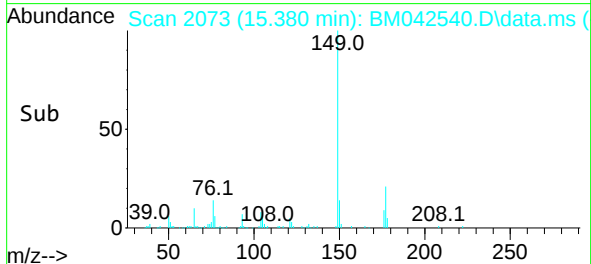
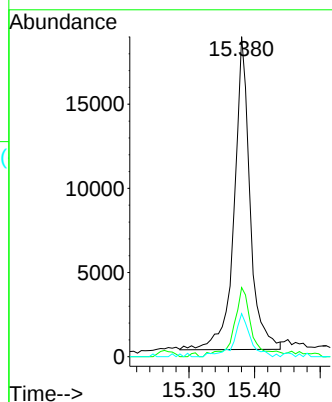
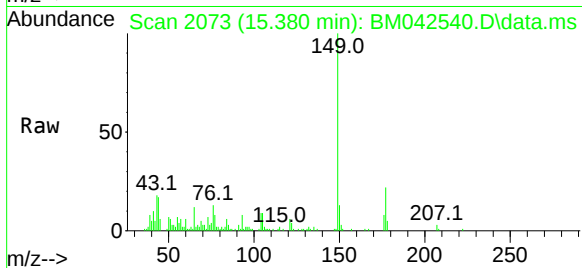
Tgt Ion:149 Resp: 31326

Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.6

150 13.4 9.8 14.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

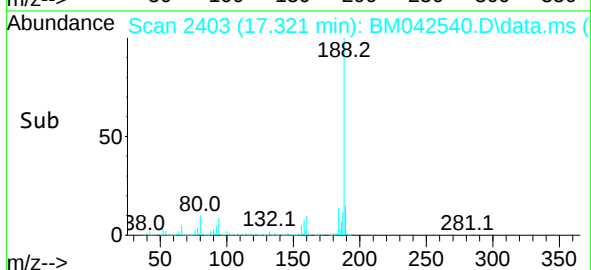
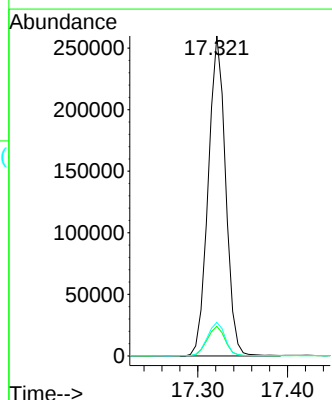
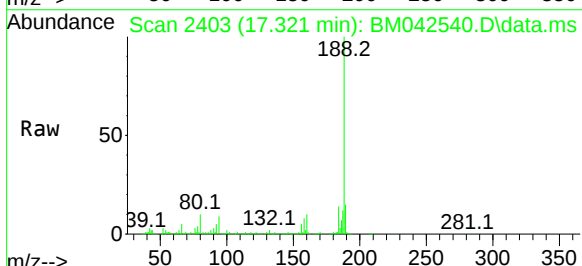
Tgt Ion:188 Resp: 349496

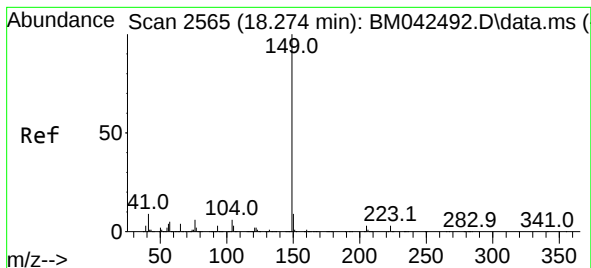
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 10.5 9.4 14.2





#74

Di-n-butylphthalate

Concen: 4.903 ng

RT: 18.262 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

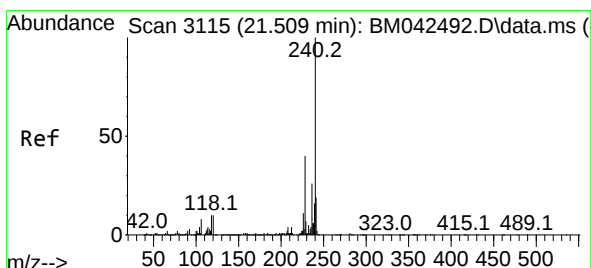
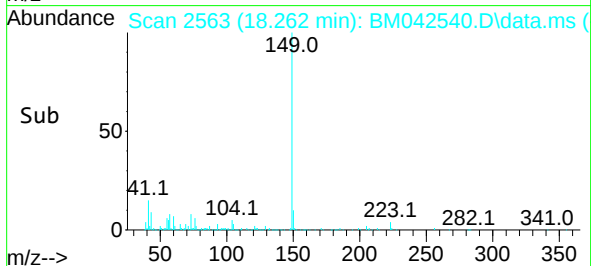
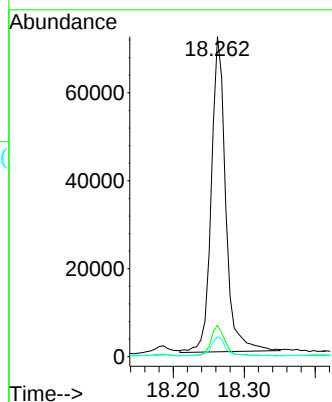
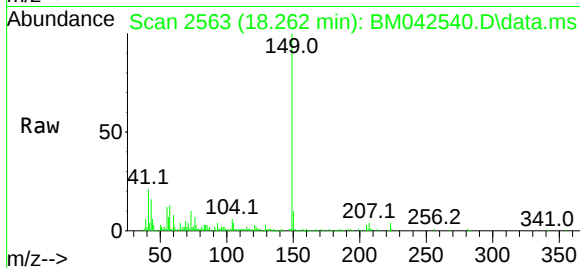
Tgt Ion:149 Resp: 101327

Ion Ratio Lower Upper

149 100

150 9.8 7.0 10.6

104 6.2 4.6 6.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

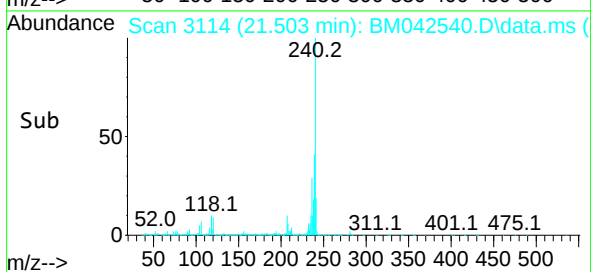
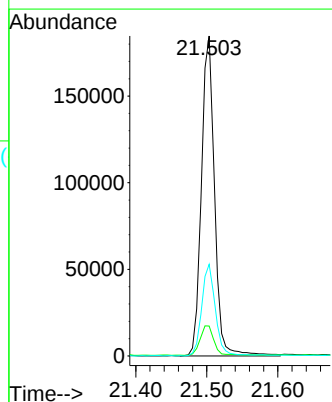
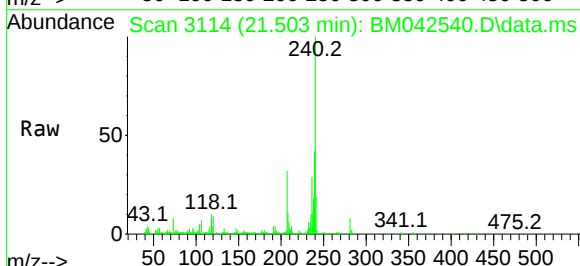
Tgt Ion:240 Resp: 238602

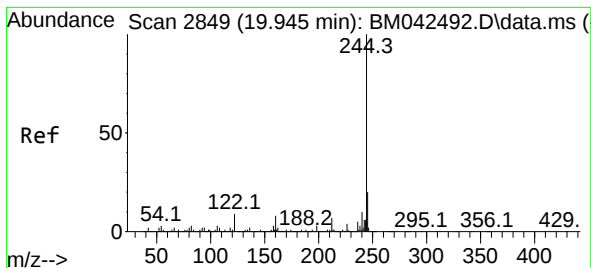
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 28.7 20.8 31.2





#79

Terphenyl-d14

Concen: 179.221 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

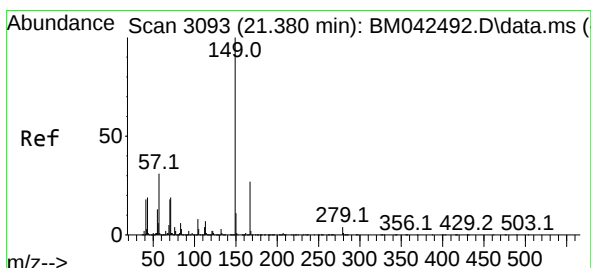
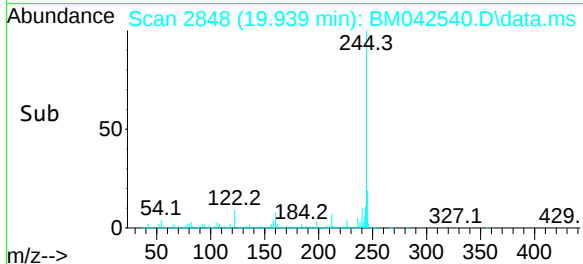
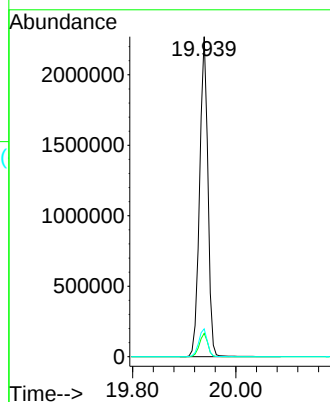
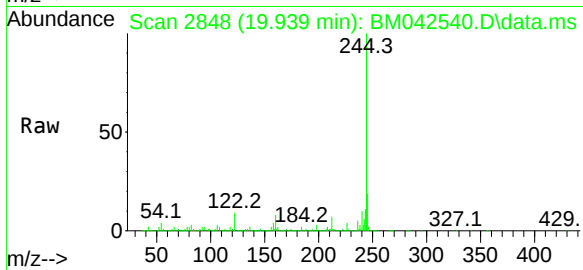
Tgt Ion:244 Resp: 2521961

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.7 7.2 10.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.042 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

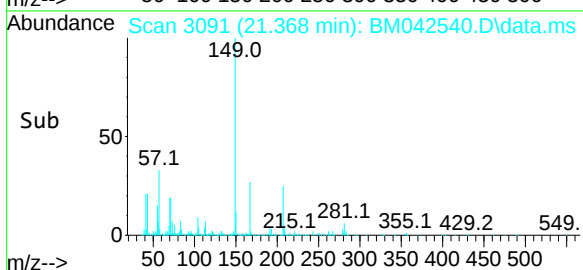
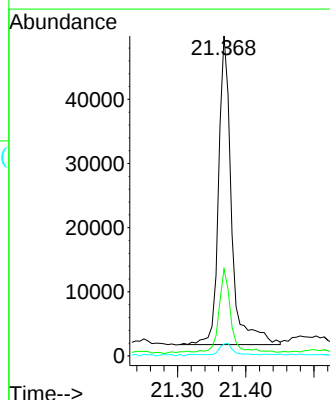
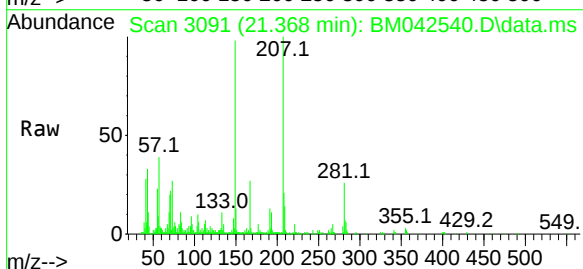
Tgt Ion:149 Resp: 63899

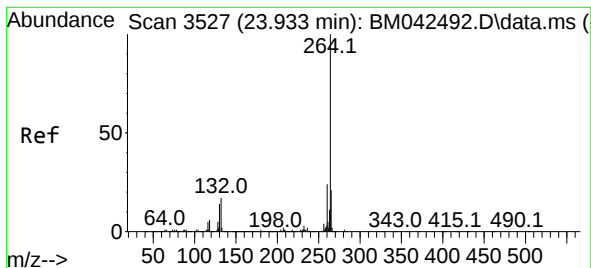
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.8 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

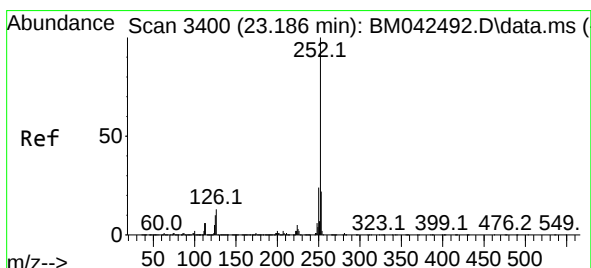
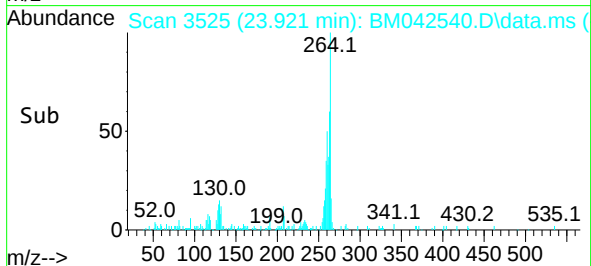
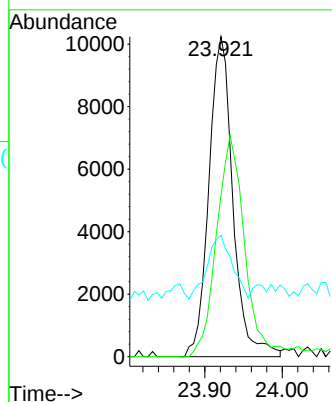
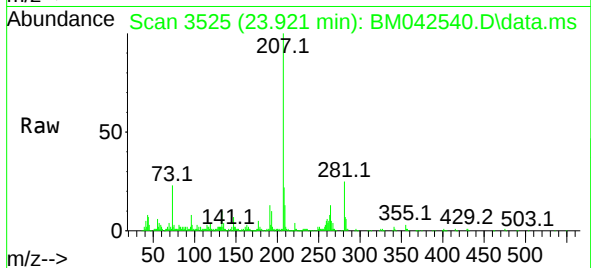
Tgt Ion:264 Resp: 22003

Ion Ratio Lower Upper

264 100

260 50.4 19.0 28.4#

265 37.9 18.7 28.1#



#88

Benzo(b)fluoranthene

Concen: 11.127 ng

RT: 23.174 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

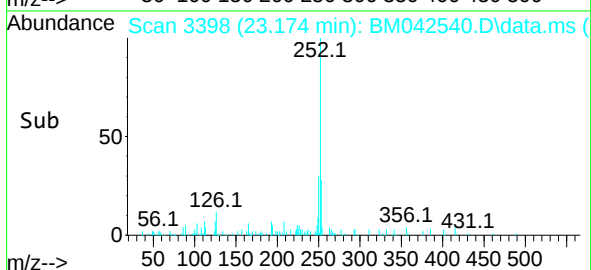
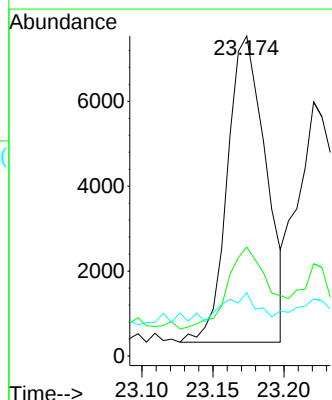
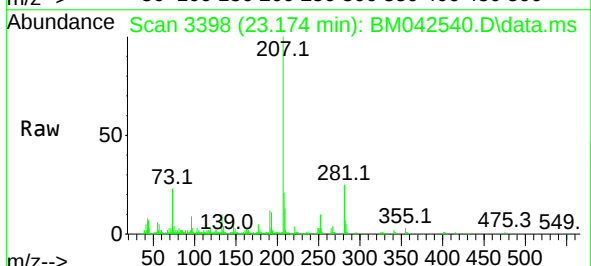
Tgt Ion:252 Resp: 13640

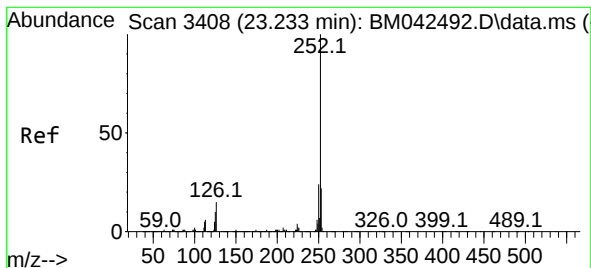
Ion Ratio Lower Upper

252 100

253 34.1 17.5 26.3#

125 19.8 7.8 11.6#





#89

Benzo(k)fluoranthene

Concen: 7.745 ng

RT: 23.221 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM042540.D

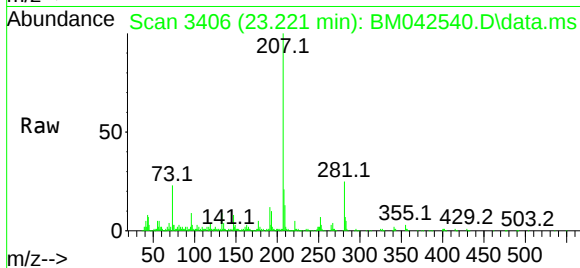
Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE



Tgt Ion:	252	Resp:	10580
Ion Ratio	Lower	Upper	
252	100		
253	36.3	17.6	26.4#
125	22.5	8.2	12.4#

