

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 20:11:55 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)

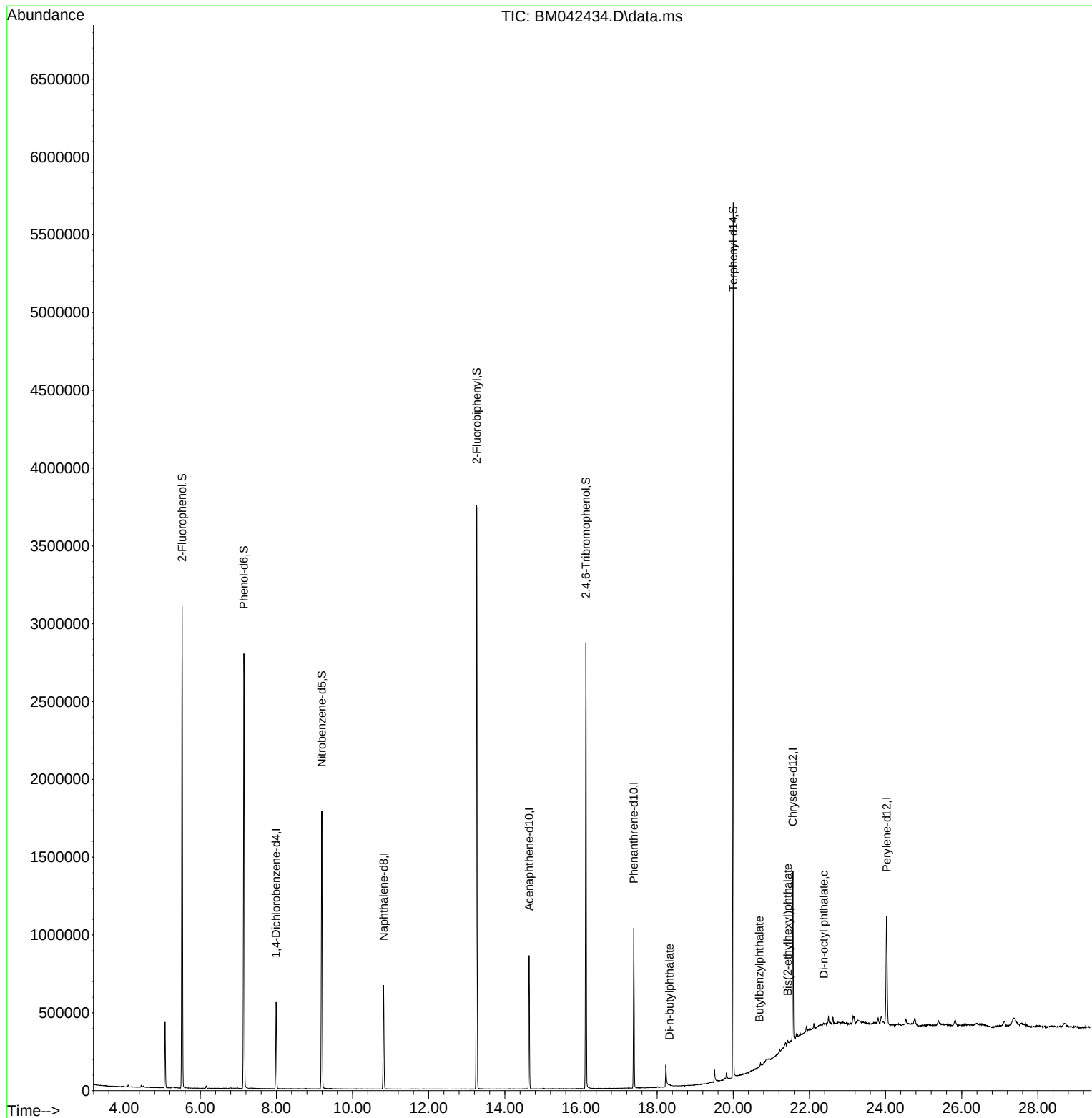
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	137580	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	516704	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285679	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	565834	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	487703	20.000	ng	-0.01
86) Perylene-d12	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
74) Di-n-butylphthalate	18.327	149	4141	2.925	ng	# 92
80) Butylbenzylphthalate	20.686	149	766	3.305	ng	90
84) Bis(2-ethylhexyl)phtha...	21.433	149	5916	3.619	ng	# 97
85) Di-n-octyl phthalate	22.374	149	2352	4.275	ng	# 59

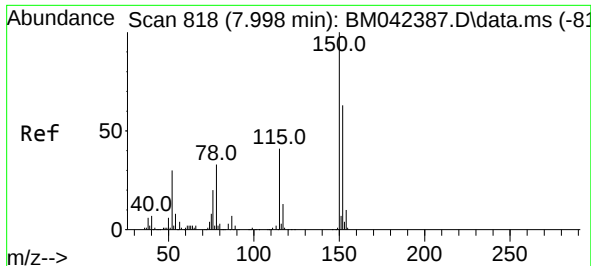
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

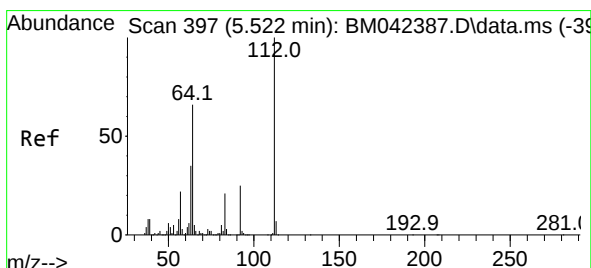
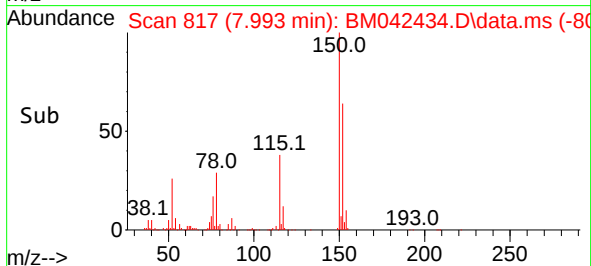
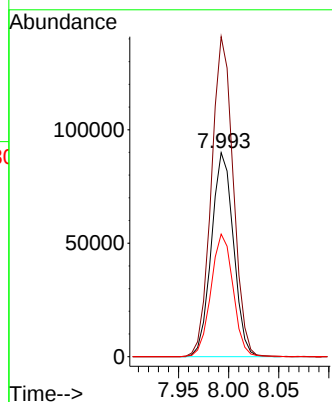
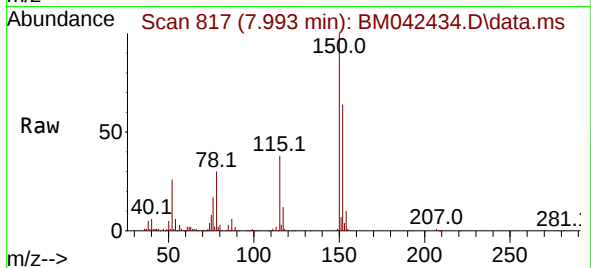




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

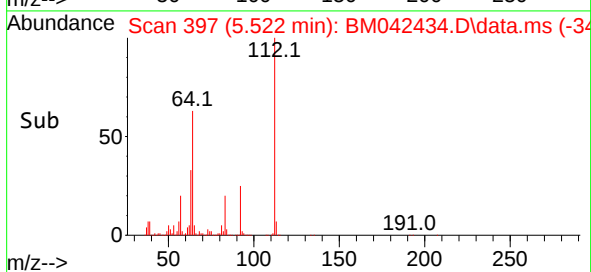
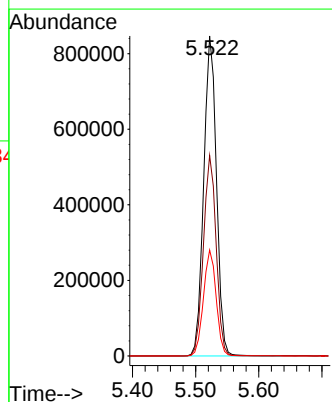
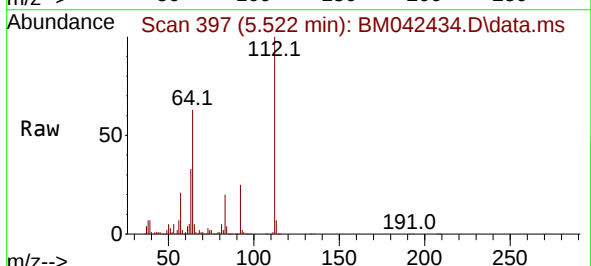
Instrument :
BNA_M
ClientSampleId :
PB156507TB

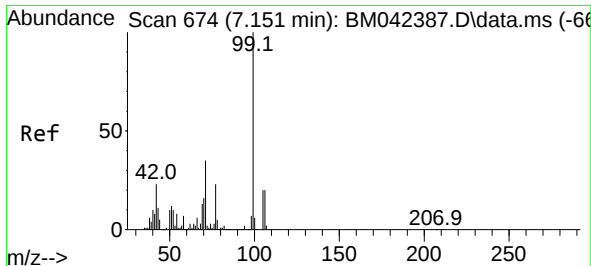
Tgt Ion:152 Resp: 137580
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 60.1 51.9 77.9



#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



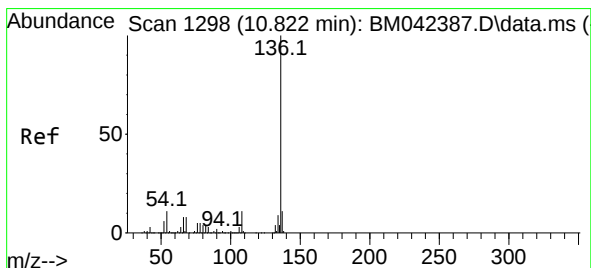
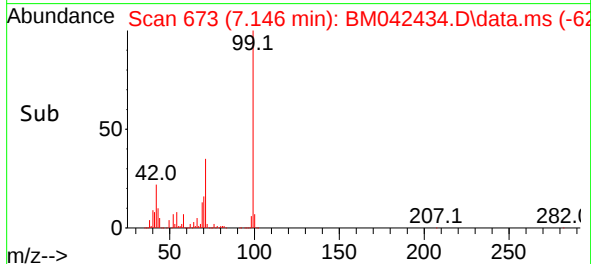
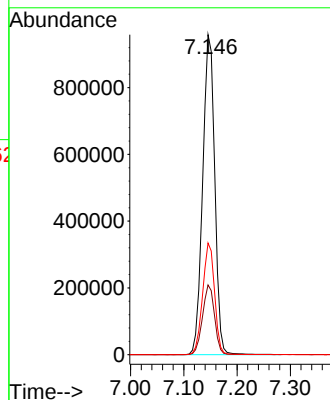
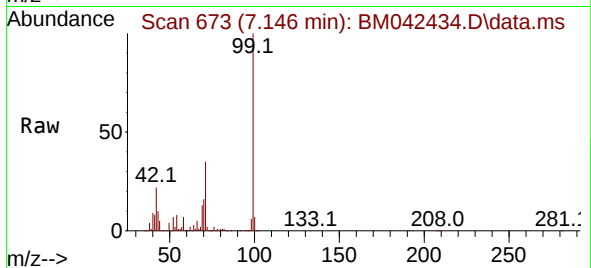


#7
Phenol-d6
Concen: 115.538 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

Instrument :
BNA_M
ClientSampleId :
PB156507TB

Tgt Ion: 99 Resp: 1507252

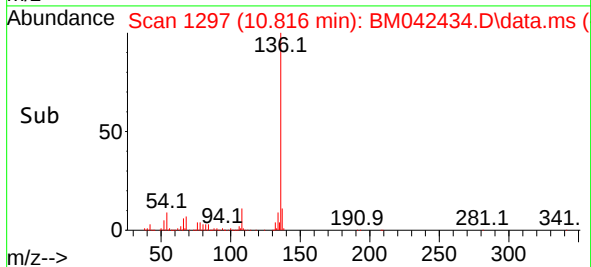
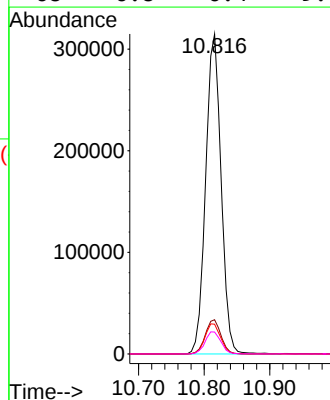
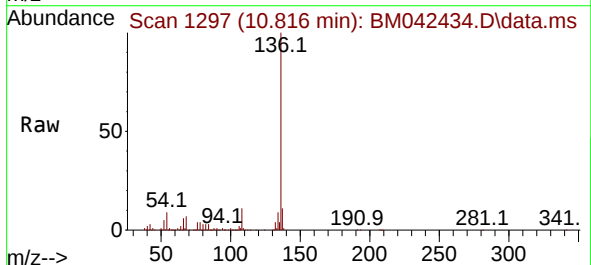
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.5	27.7
71	34.9	27.7	41.5

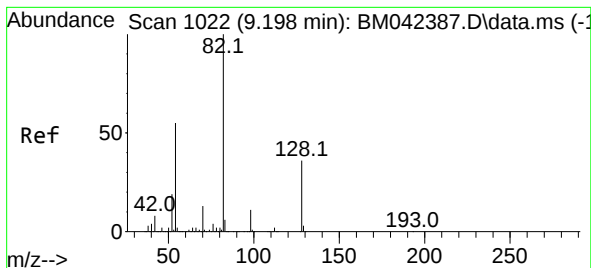


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

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

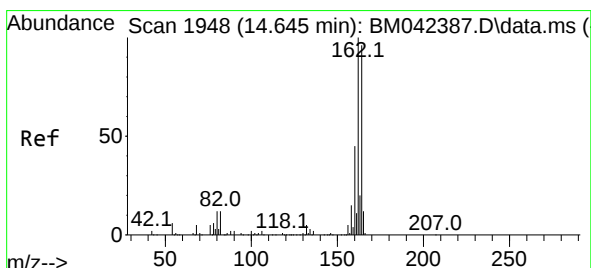
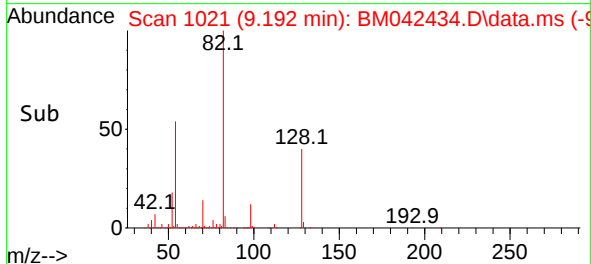
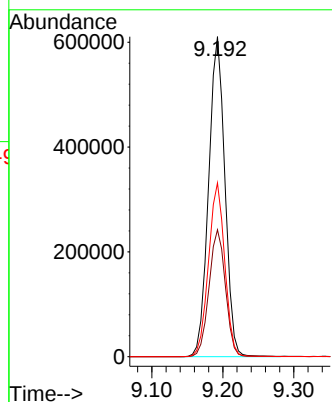
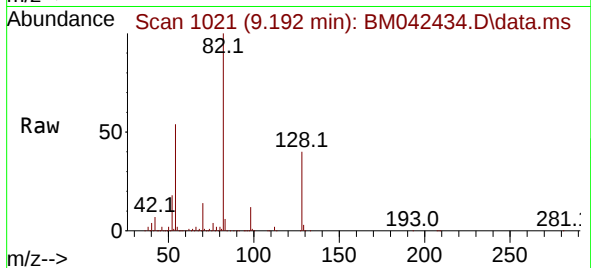
Tgt Ion: 82 Resp: 972192

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

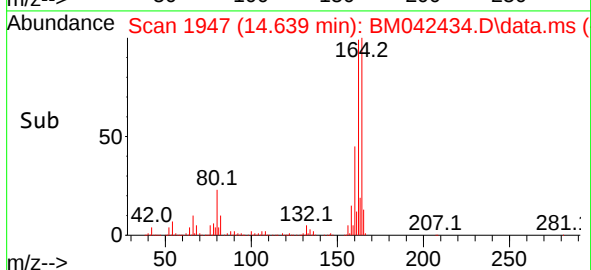
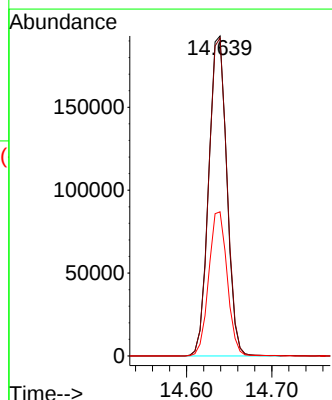
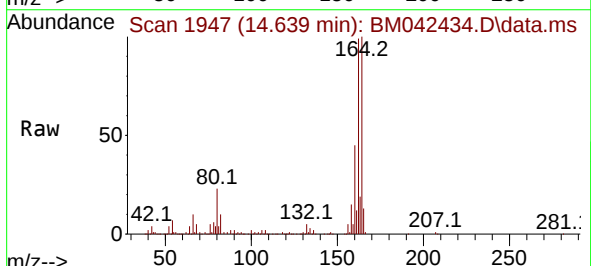
Tgt Ion: 164 Resp: 285679

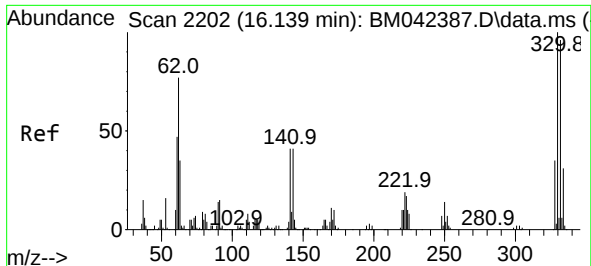
Ion Ratio Lower Upper

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

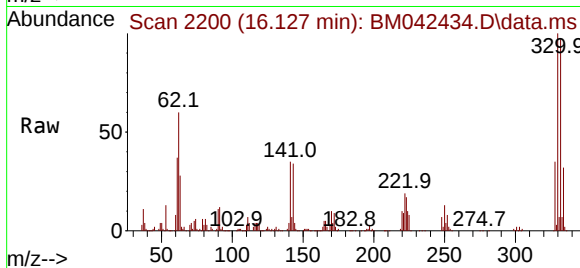
Acq: 25 Oct 2023 12:42

Instrument :

BNA_M

ClientSampleId :

PB156507TB



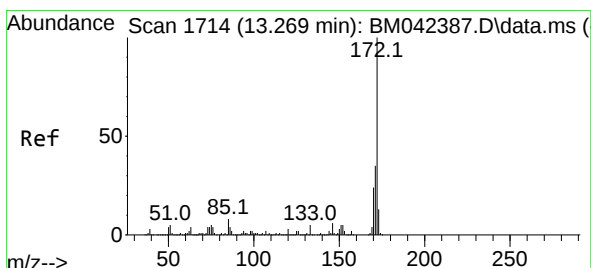
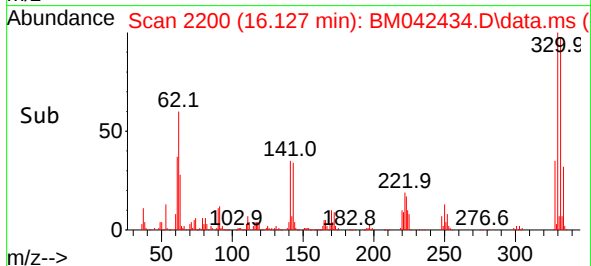
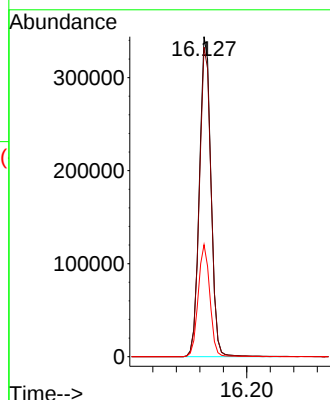
Tgt Ion:330 Resp: 468336

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

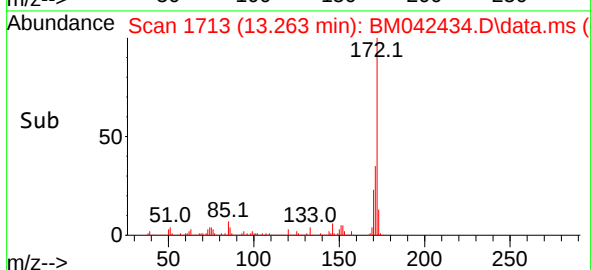
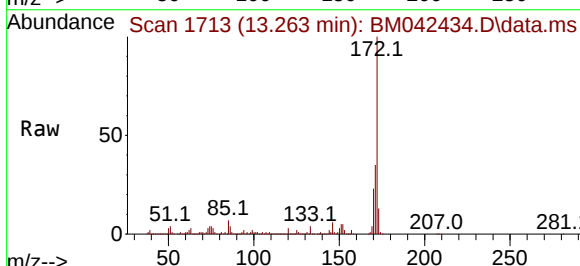
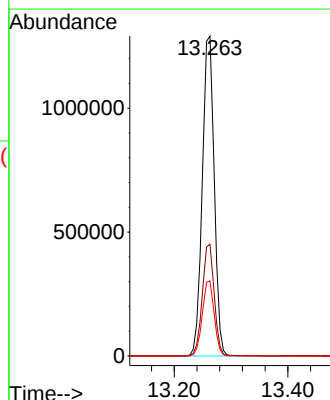
Tgt Ion:172 Resp: 1886905

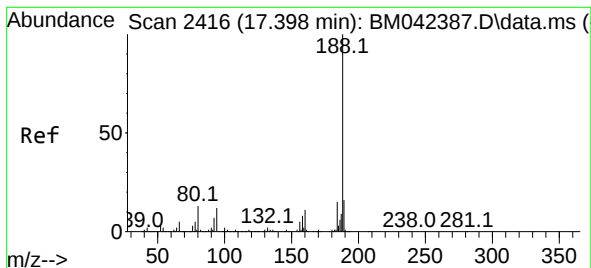
Ion Ratio Lower Upper

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

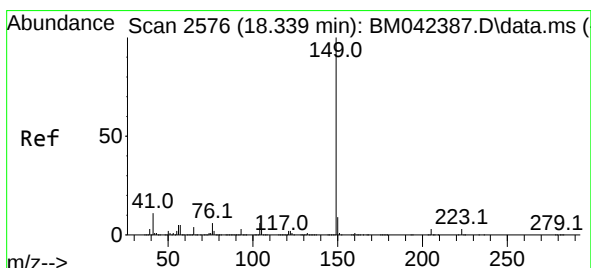
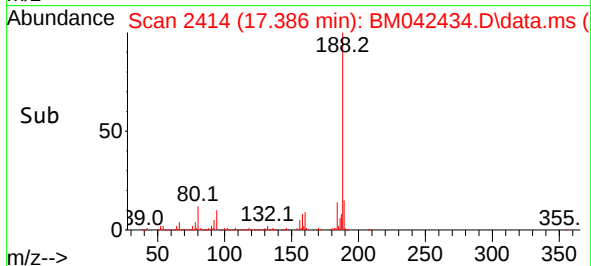
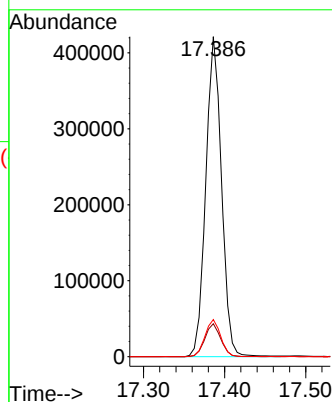
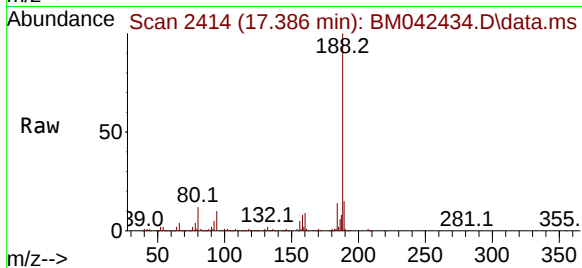
Tgt Ion:188 Resp: 565834

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.6 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.925 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042434.D

Acq: 25 Oct 2023 12:42

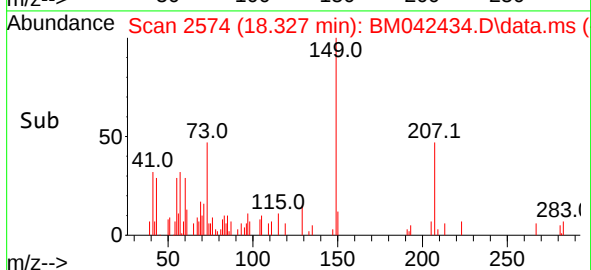
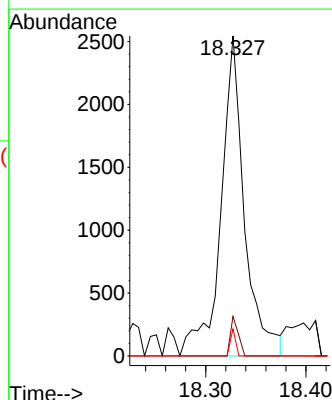
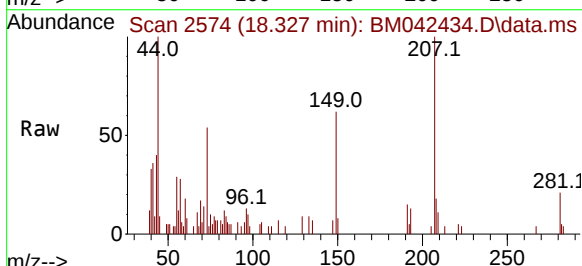
Tgt Ion:149 Resp: 4141

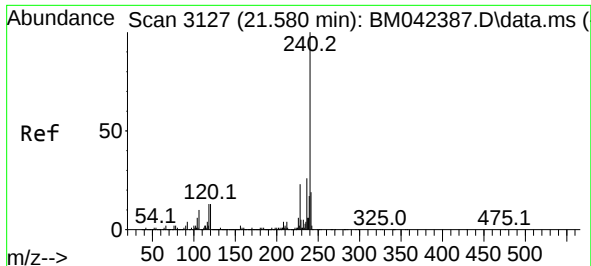
Ion Ratio Lower Upper

149 100

150 12.4 7.4 11.0#

104 8.5 4.6 7.0#

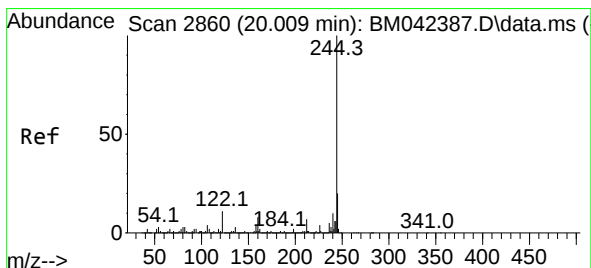
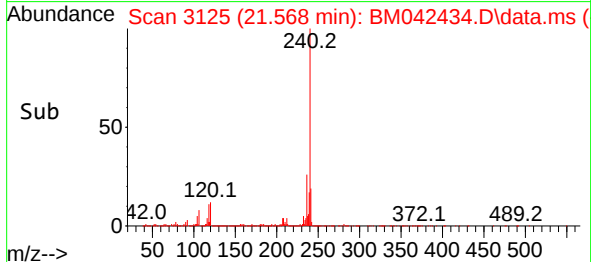
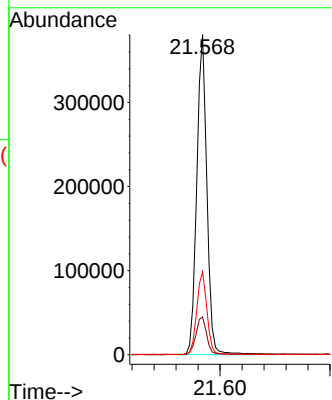
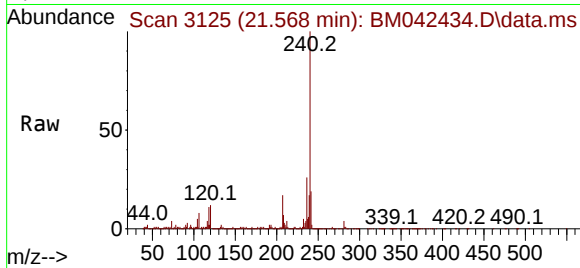




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

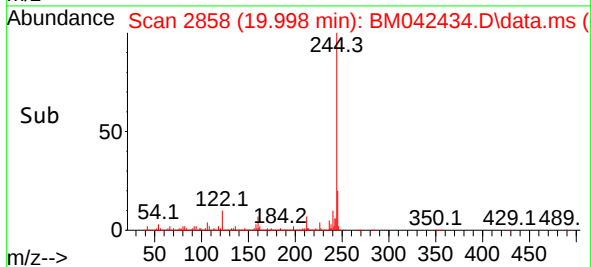
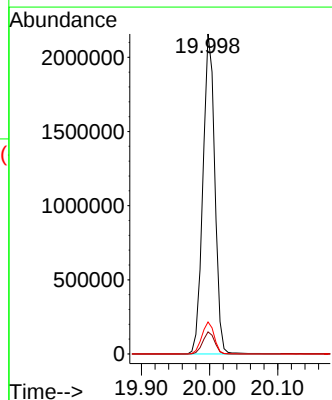
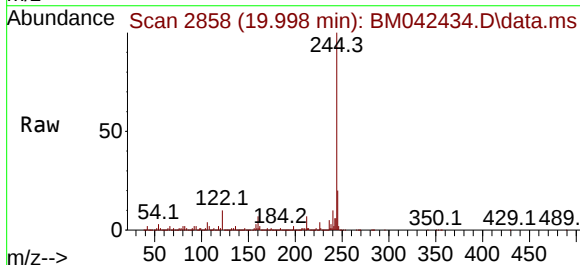
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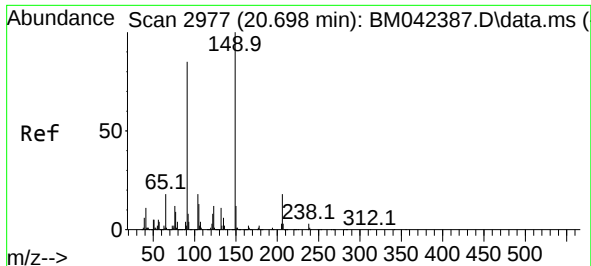
Tgt Ion:240 Resp: 487703
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 95.205 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.011 min
Lab File: BM042434.D
Acq: 25 Oct 2023 12:42

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

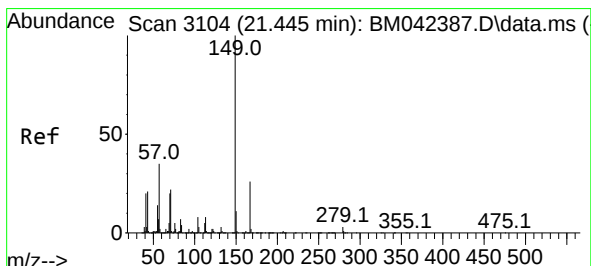
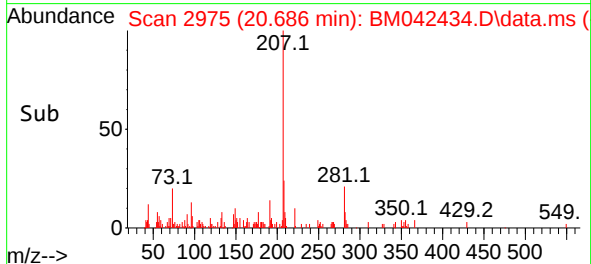
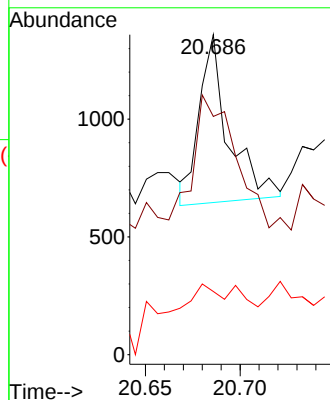
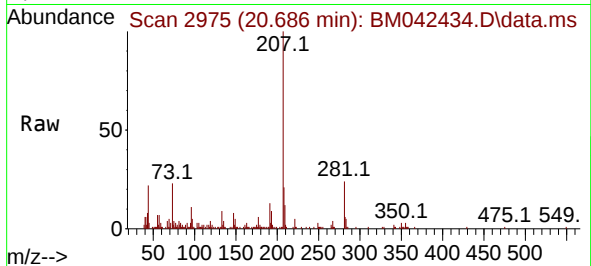




#80
 Butylbenzylphthalate
 Concen: 3.305 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042434.D
 Acq: 25 Oct 2023 12:42

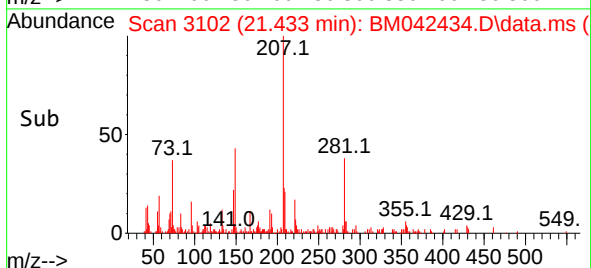
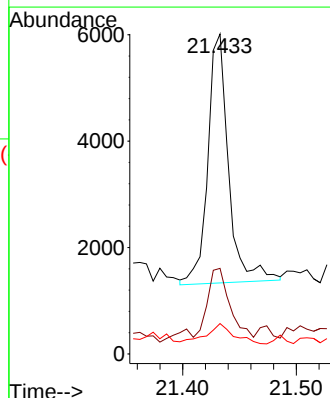
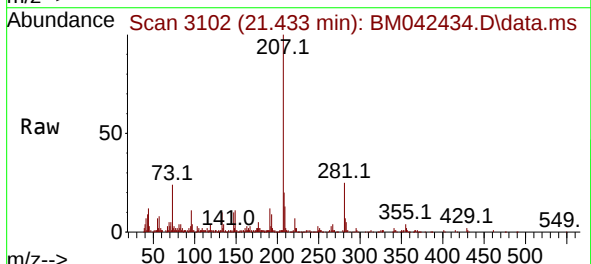
Instrument :
 BNA_M
 ClientSampleId :
 PB156507TB

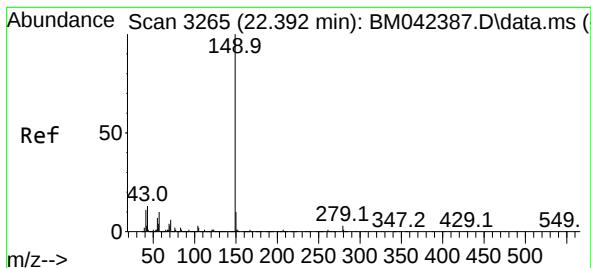
Tgt Ion:149 Resp: 766
 Ion Ratio Lower Upper
 149 100
 91 74.5 68.3 102.5
 206 19.7 14.6 22.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.619 ng
 RT: 21.433 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM042434.D
 Acq: 25 Oct 2023 12:42

Tgt Ion:149 Resp: 5916
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.9 31.3
 279 9.5 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 4.275 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM042434.D

Acq: 25 Oct 2023 12:42

Instrument :

BNA_M

ClientSampleId :

PB156507TB

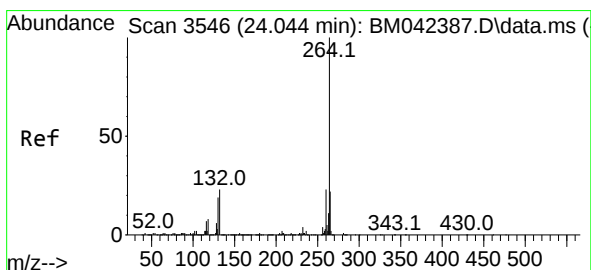
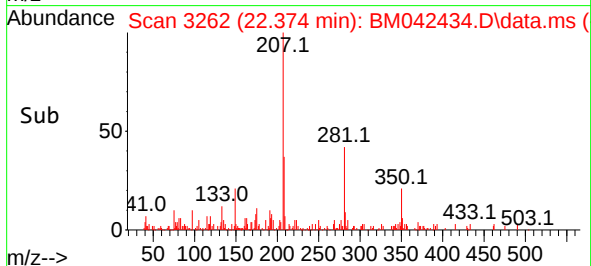
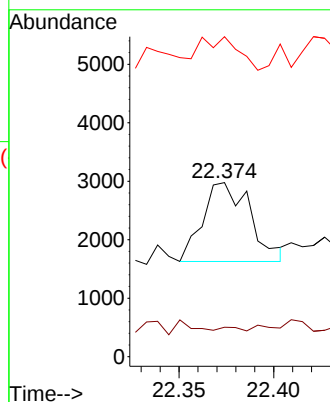
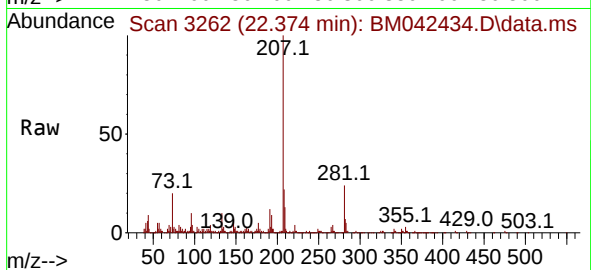
Tgt Ion:149 Resp: 2352

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 31.9 11.0 16.6#



#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

