

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)

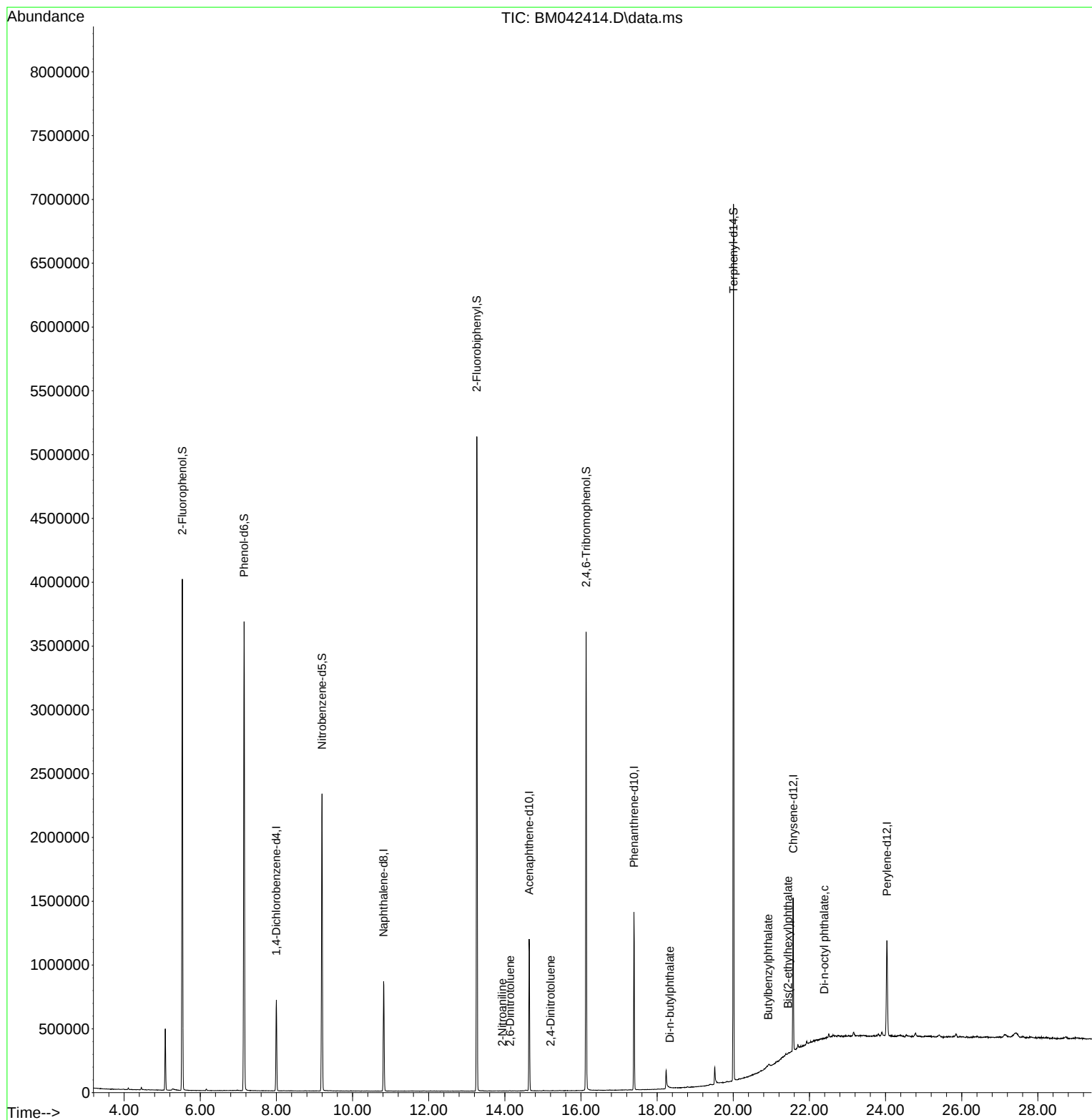
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	177432	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	678785	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	381474	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	758541	20.000	ng	0.00
76) Chrysene-d12	21.574	240	564418	20.000	ng	0.00
86) Perylene-d12	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
48) 2-Nitroaniline	13.933	65	54	3.645	ng	# 13
51) 2,6-Dinitrotoluene	14.139	165	53	2.895	ng	# 10
57) 2,4-Dinitrotoluene	15.204	165	53	4.069	ng	# 6
74) Di-n-butylphthalate	18.333	149	965	2.836	ng	# 78
80) Butylbenzylphthalate	20.921	149	457	3.282	ng	93
84) Bis(2-ethylhexyl)phtha...	21.439	149	2420	3.457	ng	# 95
85) Di-n-octyl phthalate	22.392	149	562	4.230	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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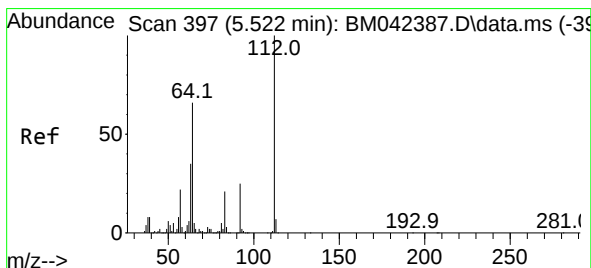
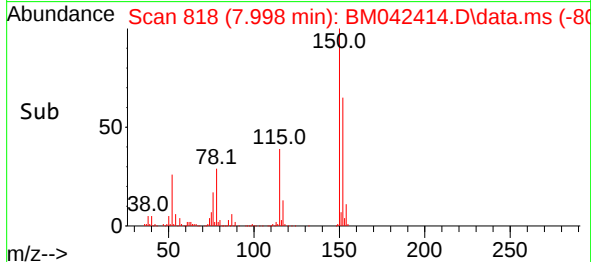
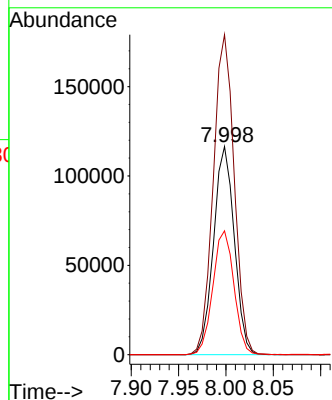
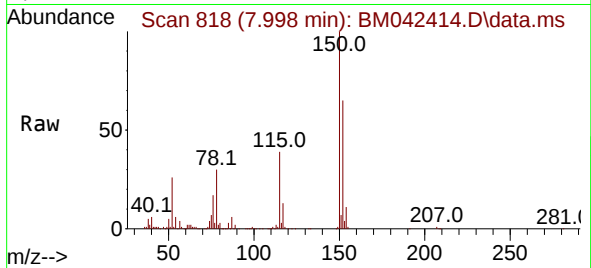




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

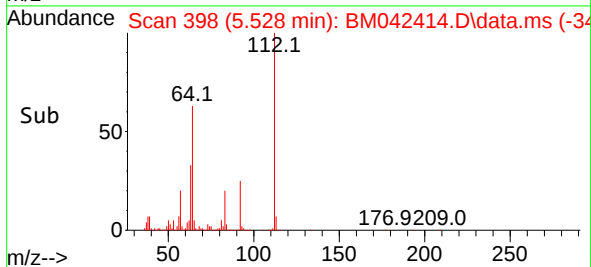
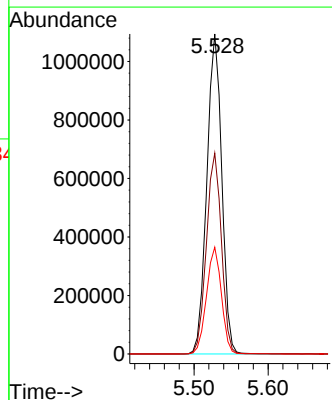
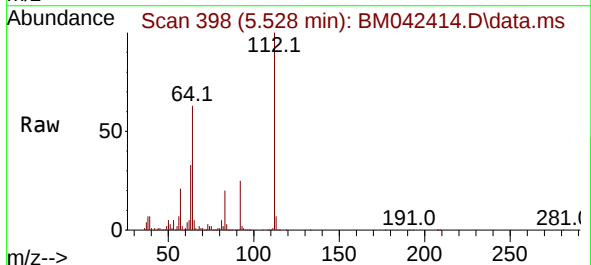
Instrument :
BNA_M
ClientSampleId :
PB156461BL

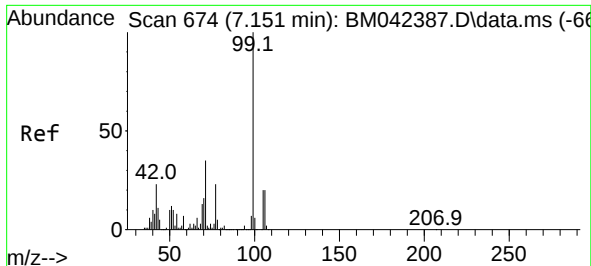
Tgt Ion:152 Resp: 177432
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.4
115 59.5 51.9 77.9



#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

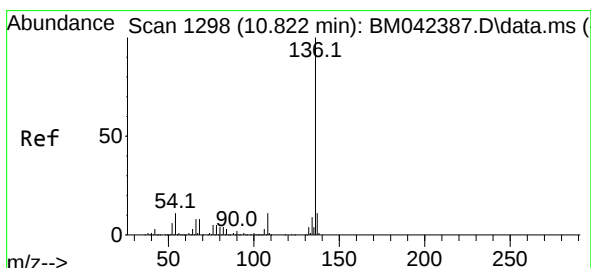
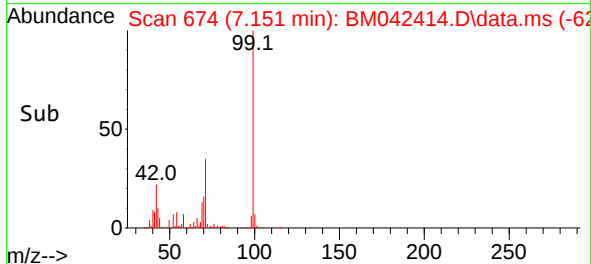
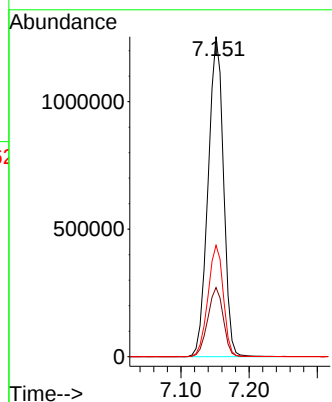
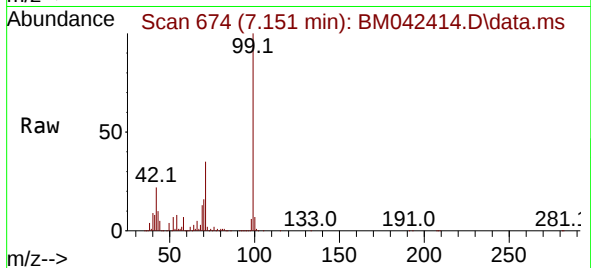




#7
Phenol-d6
Concen: 117.422 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

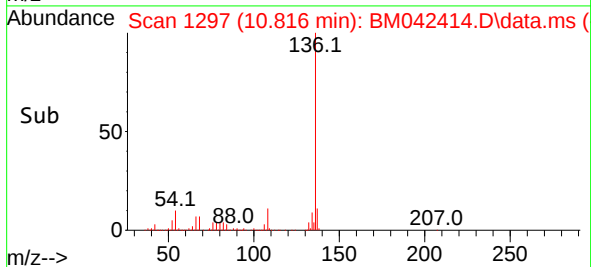
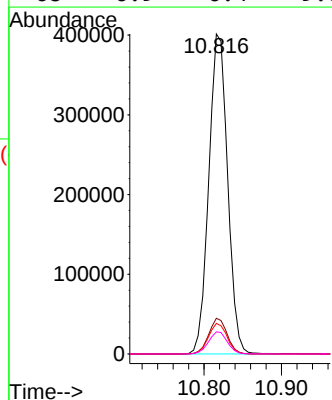
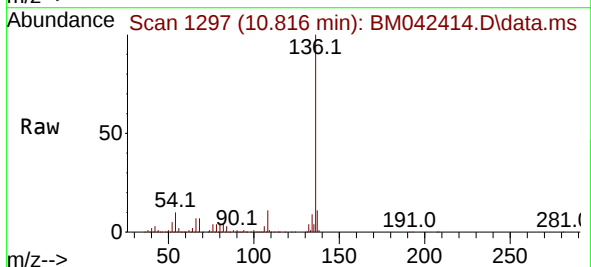
Instrument :
BNA_M
ClientSampleId :
PB156461BL

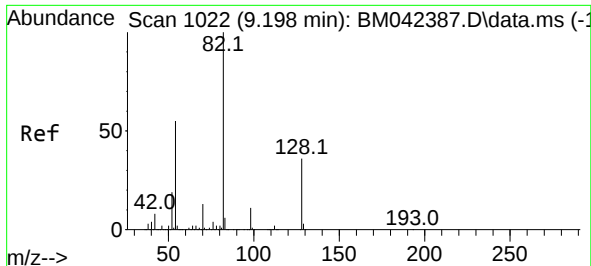
Tgt Ion: 99 Resp: 1975548
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 34.8 27.7 41.5



#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

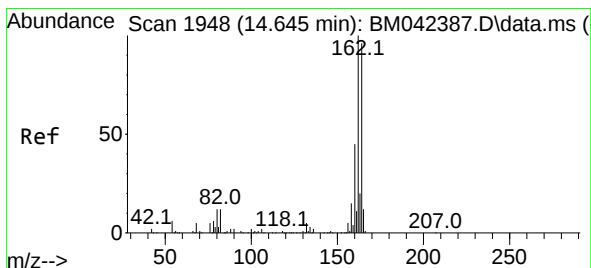
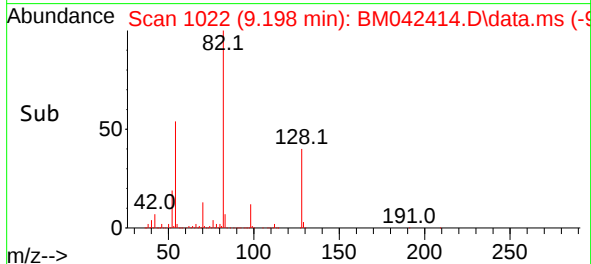
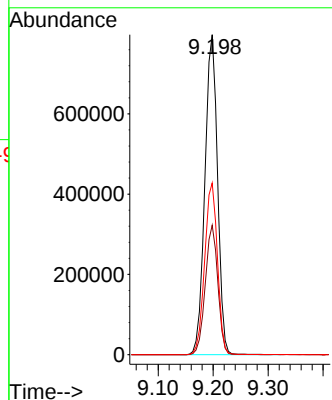
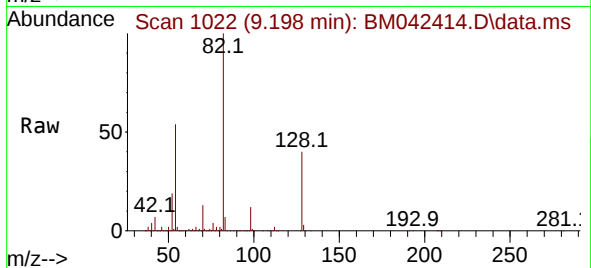




#23
Nitrobenzene-d5
Concen: 82.962 ng
RT: 9.198 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

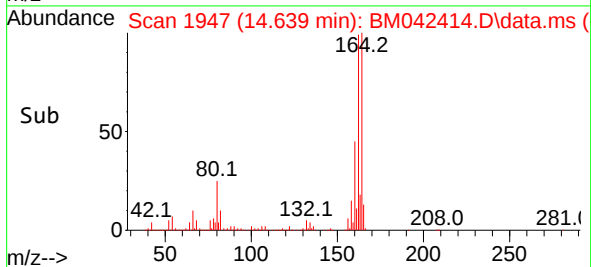
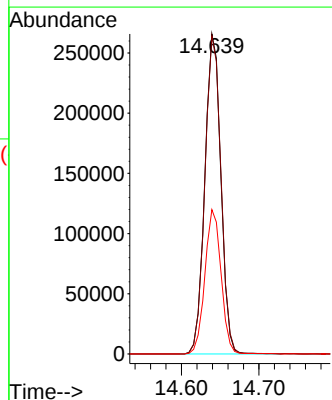
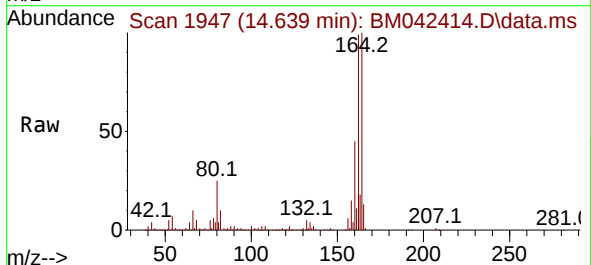
Instrument :
BNA_M
ClientSampleId :
PB156461BL

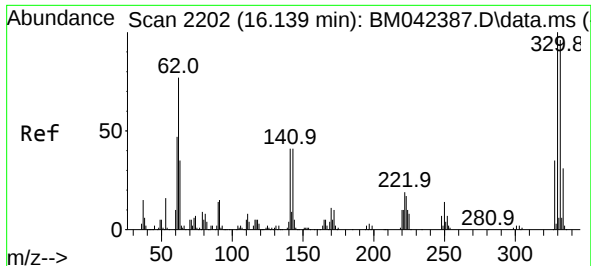
Tgt Ion: 82 Resp: 1273491
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.6
54 53.7 43.7 65.5



#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

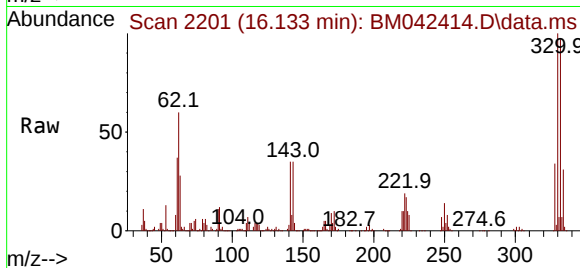
Acq: 24 Oct 2023 11:45

Instrument :

BNA_M

ClientSampleId :

PB156461BL



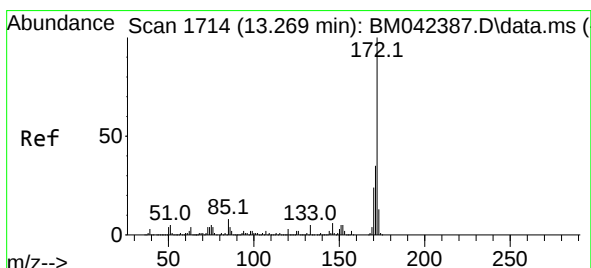
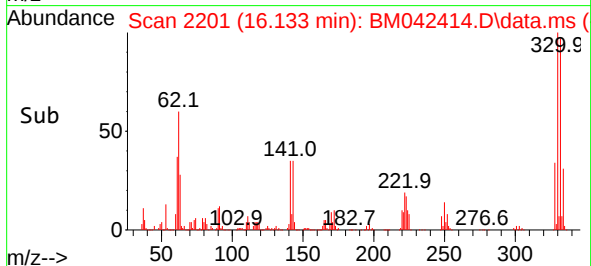
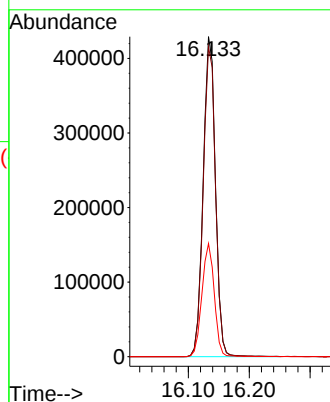
Tgt Ion:330 Resp: 601417

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

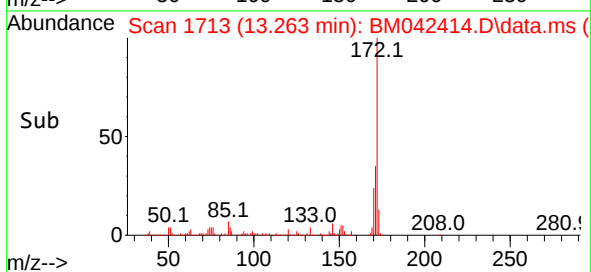
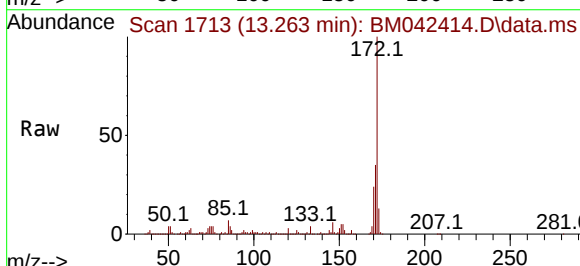
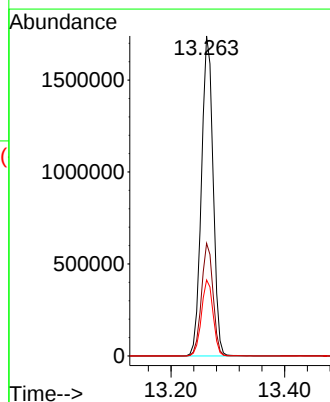
Tgt Ion:172 Resp: 2482802

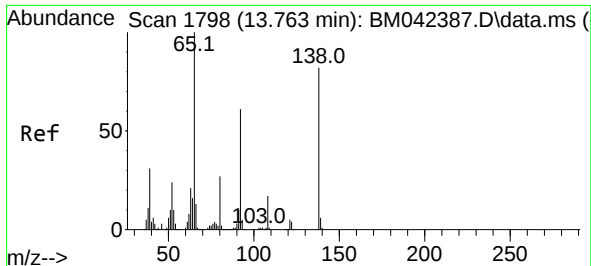
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.8 18.9 28.3

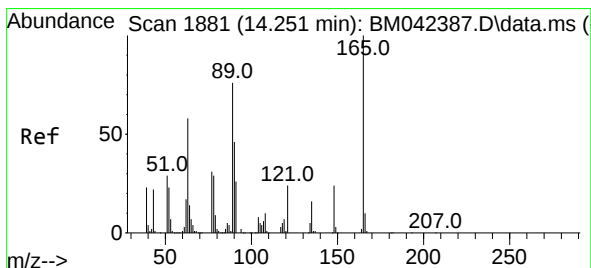
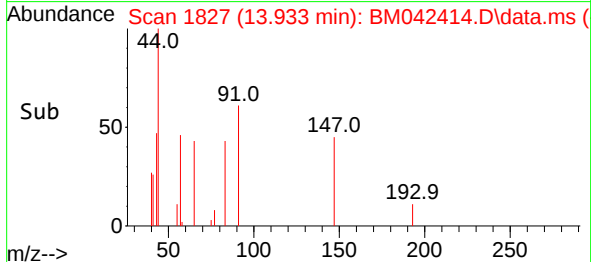
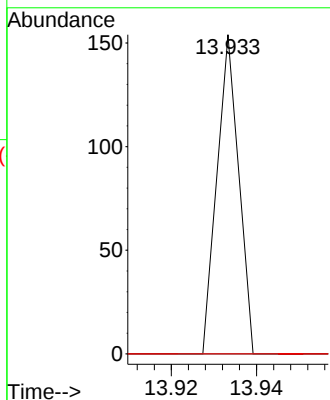
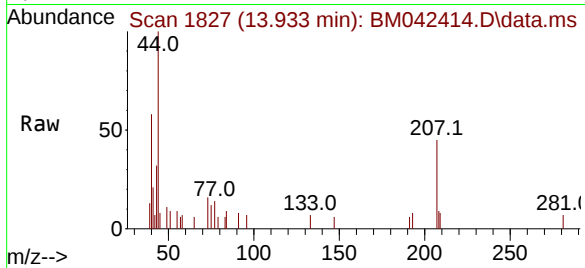




#48
2-Nitroaniline
Concen: 3.645 ng
RT: 13.933 min Scan# 1827
Delta R.T. 0.170 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

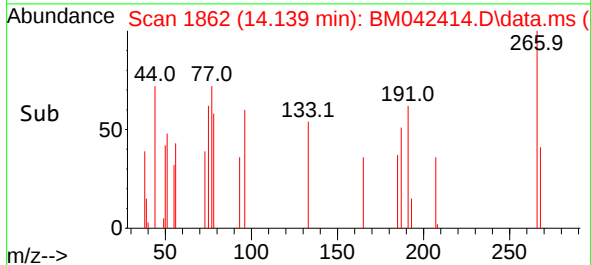
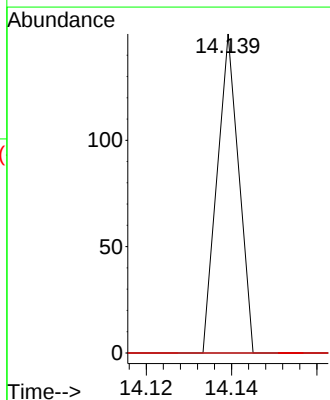
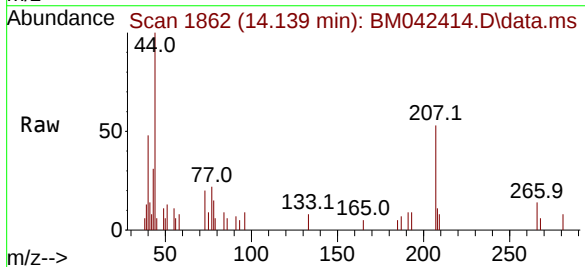
Instrument :
BNA_M
ClientSampleId :
PB156461BL

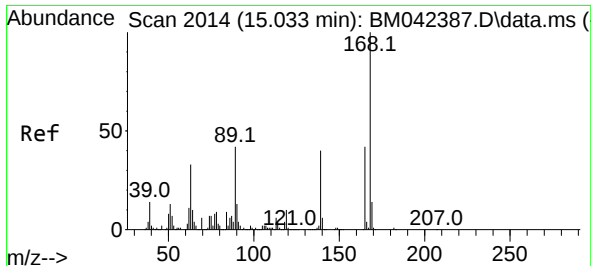
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 2.895 ng
RT: 14.139 min Scan# 1862
Delta R.T. -0.112 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion: 165 Resp: 53
Ion Ratio Lower Upper
165 100
63 0.0 65.3 97.9#
89 0.0 60.6 91.0#





#57

2,4-Dinitrotoluene

Concen: 4.069 ng

RT: 15.204 min Scan# 2014

Delta R.T. 0.171 min

Lab File: BM042414.D

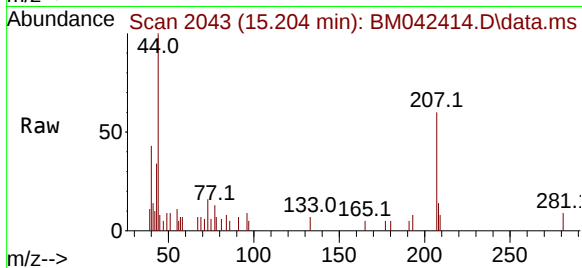
Acq: 24 Oct 2023 11:45

Instrument :

BNA_M

ClientSampleId :

PB156461BL



Tgt Ion:165 Resp: 53

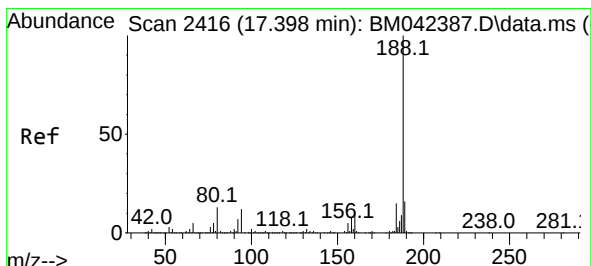
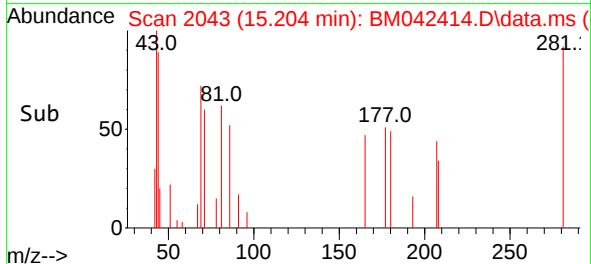
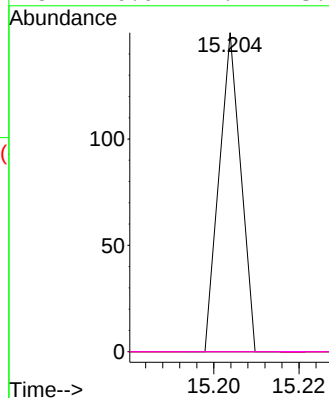
Ion Ratio Lower Upper

165 100

63 0.0 62.9 94.3#

89 0.0 80.2 120.2#

182 0.0 2.1 3.1#



#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

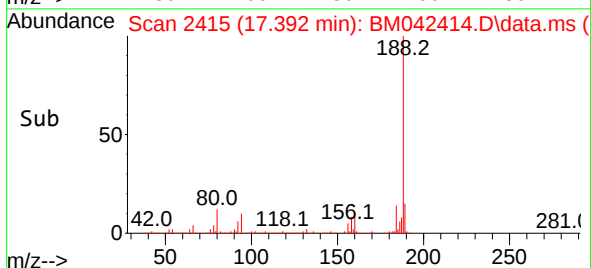
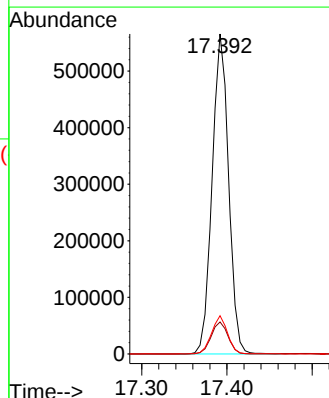
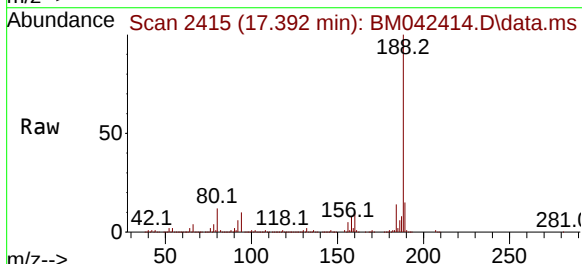
Tgt Ion:188 Resp: 758541

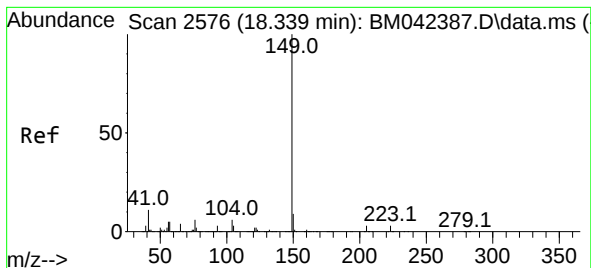
Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.0

80 12.0 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.836 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042414.D

Acq: 24 Oct 2023 11:45

Instrument :

BNA_M

ClientSampleId :

PB156461BL

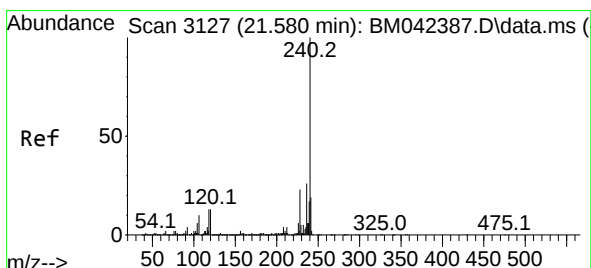
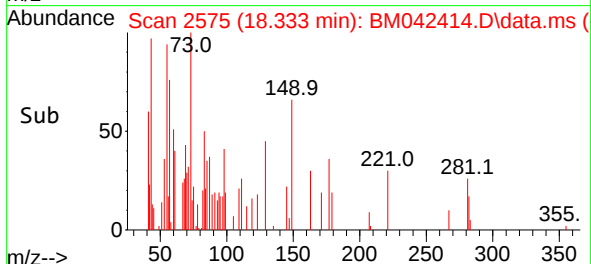
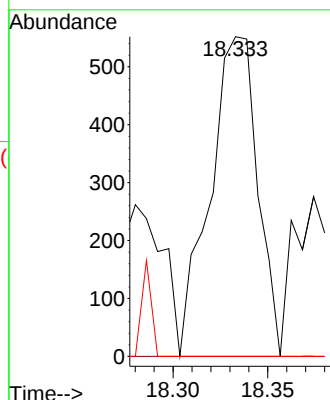
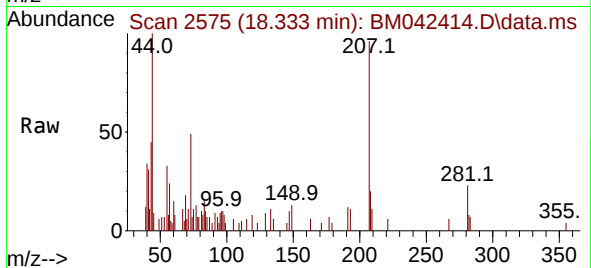
Tgt Ion:149 Resp: 965

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.6 7.0#



#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

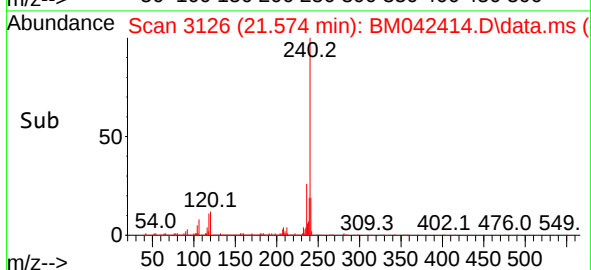
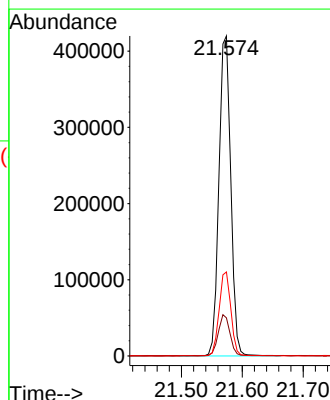
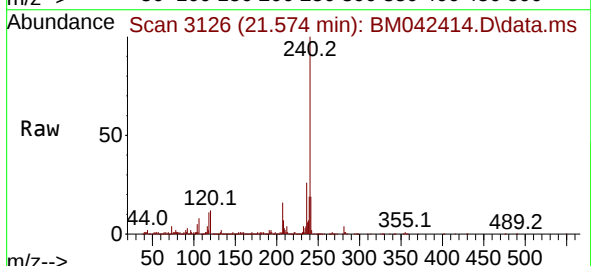
Tgt Ion:240 Resp: 564418

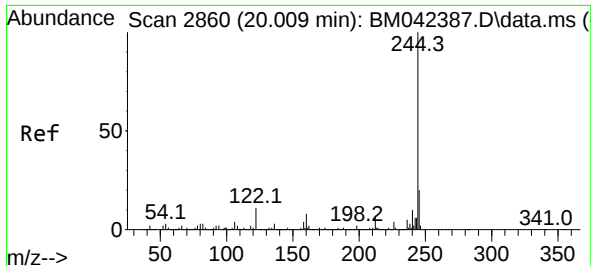
Ion Ratio Lower Upper

240 100

120 11.9 10.7 16.1

236 26.2 20.7 31.1

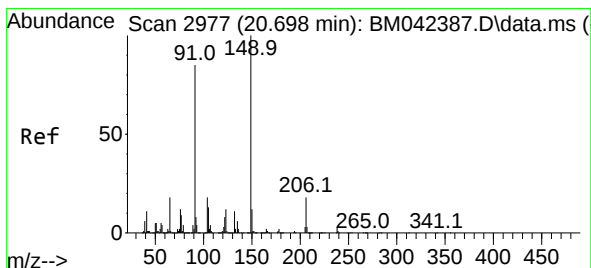
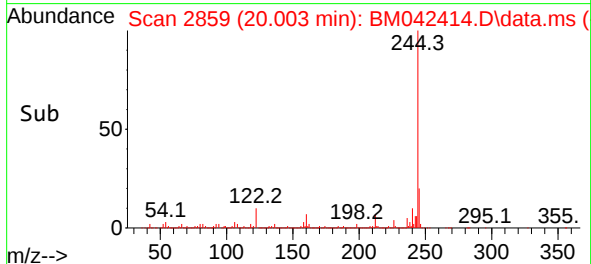
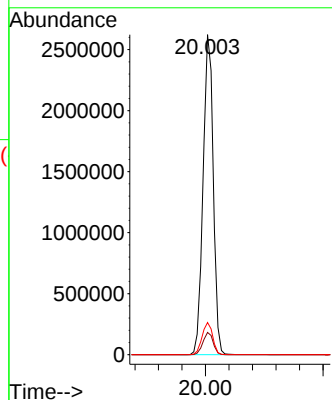
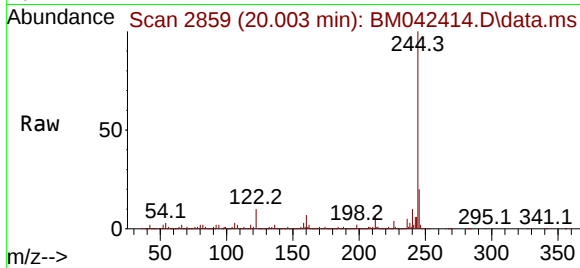




#79
 Terphenyl-d14
 Concen: 98.800 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042414.D
 Acq: 24 Oct 2023 11:45

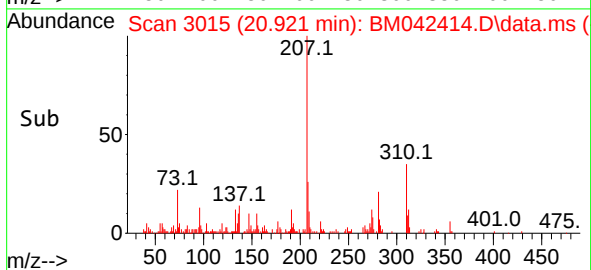
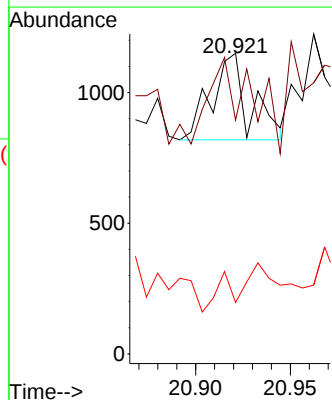
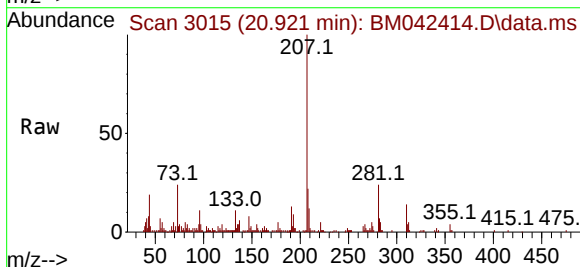
Instrument :
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 ClientSampleId :
 PB156461BL

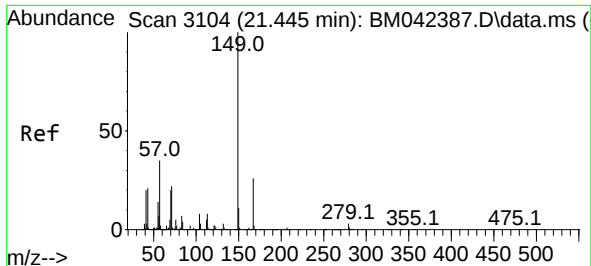
Tgt Ion:244 Resp: 3144325
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.282 ng
 RT: 20.921 min Scan# 3015
 Delta R.T. 0.223 min
 Lab File: BM042414.D
 Acq: 24 Oct 2023 11:45

Tgt Ion:149 Resp: 457
 Ion Ratio Lower Upper
 149 100
 91 77.7 68.3 102.5
 206 17.1 14.6 22.0

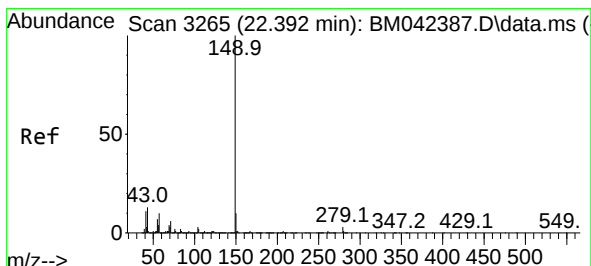
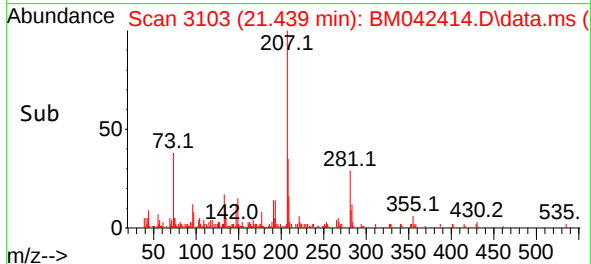
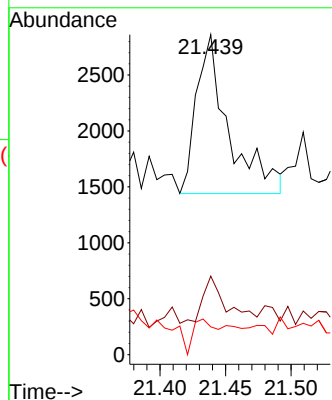
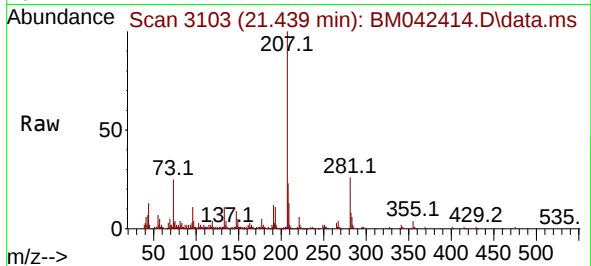




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.457 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

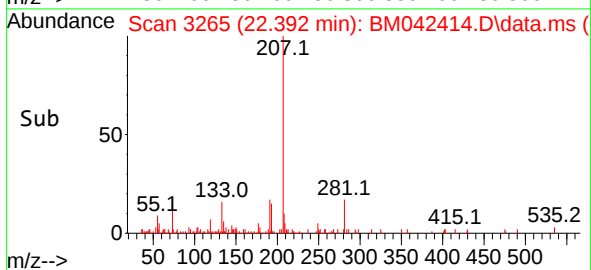
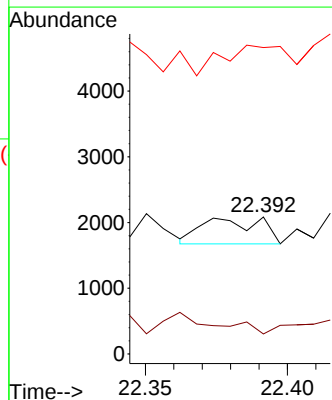
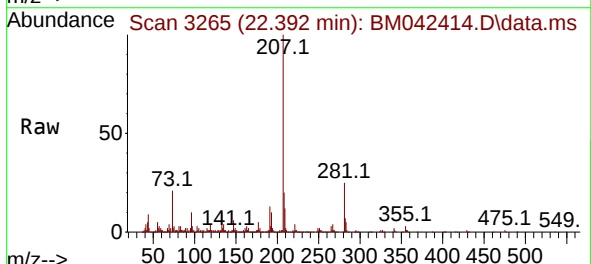
Instrument :
BNA_M
ClientSampleId :
PB156461BL

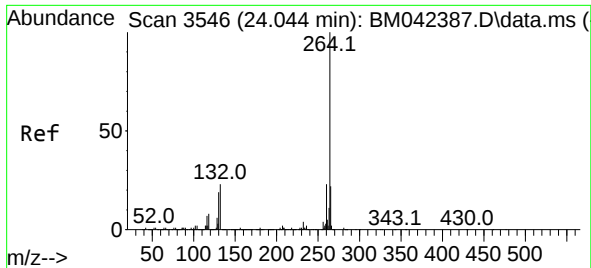
Tgt Ion:149 Resp: 2420
Ion Ratio Lower Upper
149 100
167 24.6 20.9 31.3
279 8.7 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 4.230 ng
RT: 22.392 min Scan# 3265
Delta R.T. -0.000 min
Lab File: BM042414.D
Acq: 24 Oct 2023 11:45

Tgt Ion:149 Resp: 562
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 131.3 11.0 16.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.033 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM042414.D
 Acq: 24 Oct 2023 11:45

Instrument :
 BNA_M
 ClientSampleId :
 PB156461BL

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

