

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042439.D
 Acq On : 25 Oct 2023 15:59
 Operator : MA/JU
 Sample : 04919-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B2-COMP-101723

Quant Time: Oct 25 16:42:57 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)

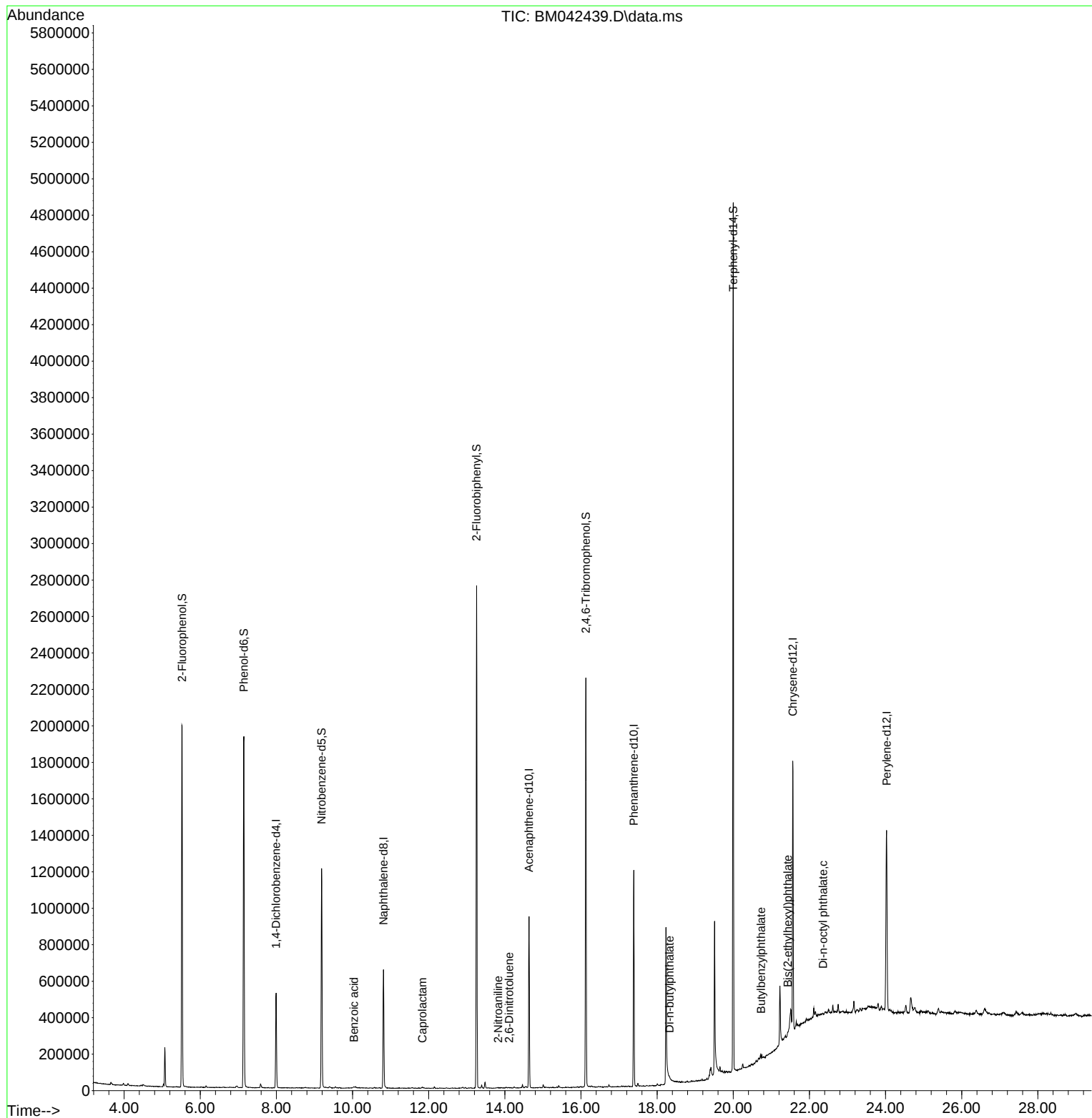
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	131724	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	509601	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	298690	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	673027	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	697340	20.000	ng	-0.02
86) Perylene-d12	24.027	264	768546	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	806102	86.490	ng	0.00
7) Phenol-d6	7.145	99	1043897	83.577	ng	0.00
23) Nitrobenzene-d5	9.186	82	667432	57.915	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	368525	113.020	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	1306748	58.913	ng	-0.01
79) Terphenyl-d14	19.998	244	2150074	54.681	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.039	122	4887	6.071	ng	# 87
35) Caprolactam	11.833	113	676	6.145	ng	# 69
48) 2-Nitroaniline	13.827	65	72	3.649	ng	# 13
51) 2,6-Dinitrotoluene	14.110	165	59	2.899	ng	# 10
74) Di-n-butylphthalate	18.327	149	4364	2.913	ng	# 88
80) Butylbenzylphthalate	20.733	149	210	3.267	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.433	149	4307	3.496	ng	# 95
85) Di-n-octyl phthalate	22.356	149	483	4.227	ng	# 57

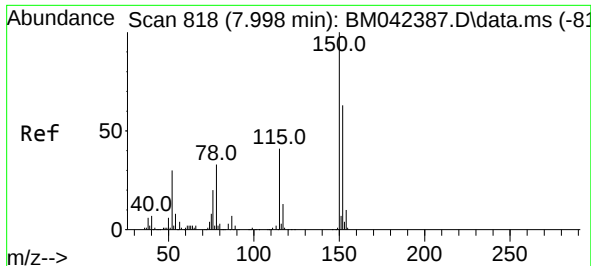
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

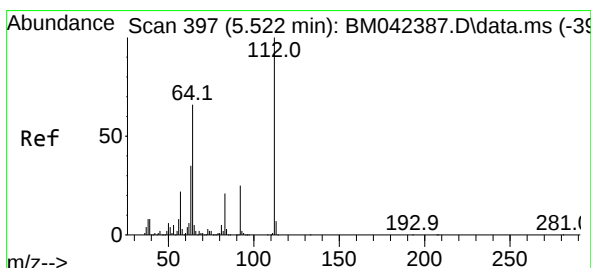
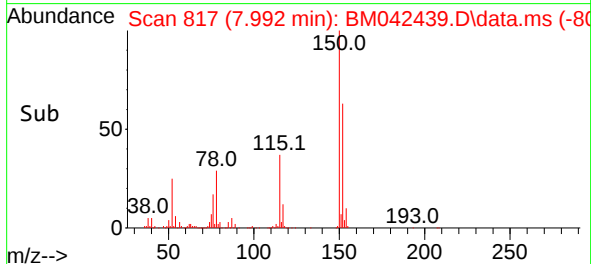
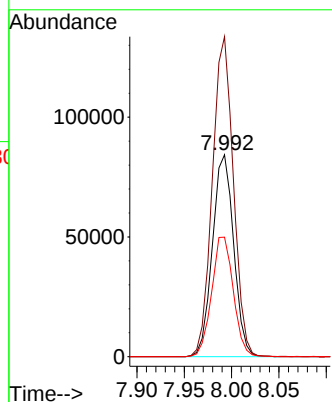
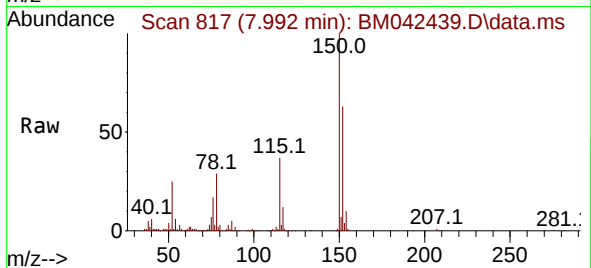




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

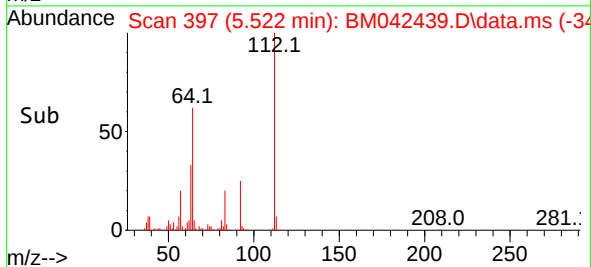
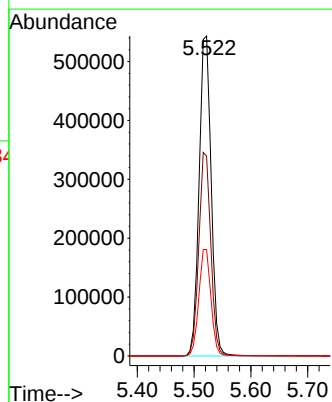
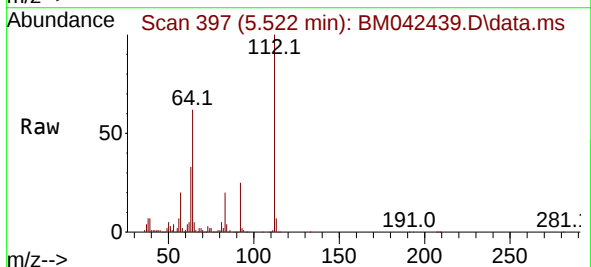
Instrument :
BNA_M
ClientSampleId :
LSS-B2-COMP-101723

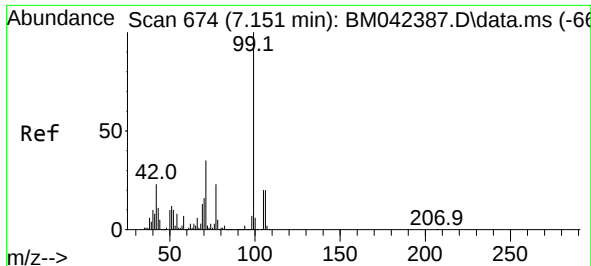
Tgt Ion:152 Resp: 131724
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 86.490 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion:112 Resp: 806102
Ion Ratio Lower Upper
112 100
64 62.4 52.7 79.1
63 33.2 28.3 42.5

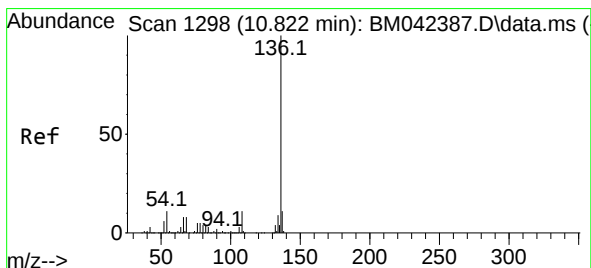
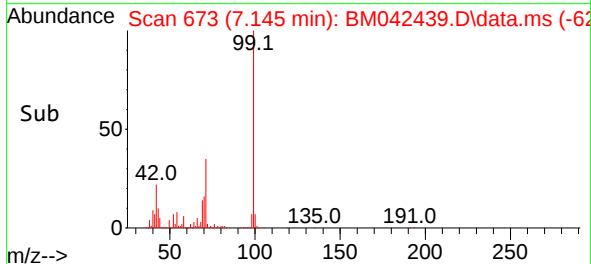
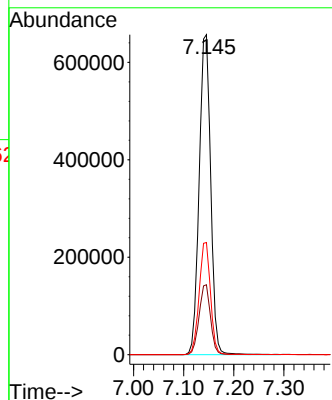
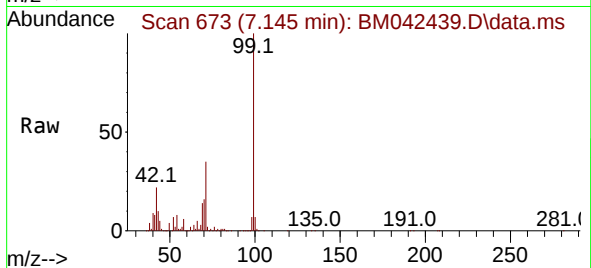




#7
Phenol-d6
Concen: 83.577 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

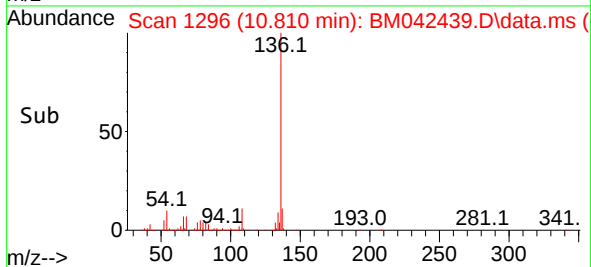
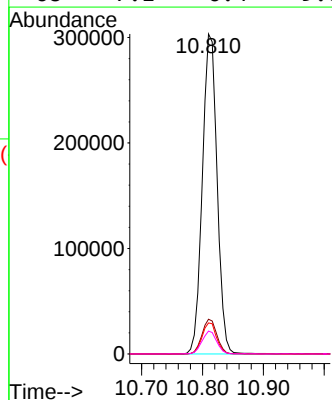
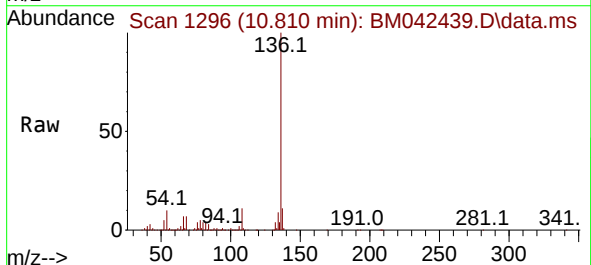
Instrument :
BNA_M
ClientSampleId :
LSS-B2-COMP-101723

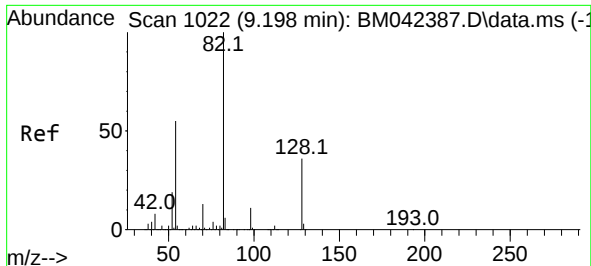
Tgt Ion: 99 Resp: 1043897
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 35.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion: 136 Resp: 509601
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.7 8.6 12.8
68 7.1 6.4 9.6

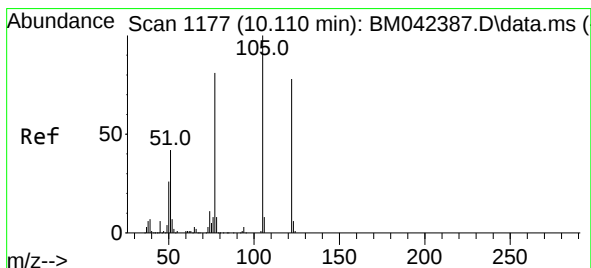
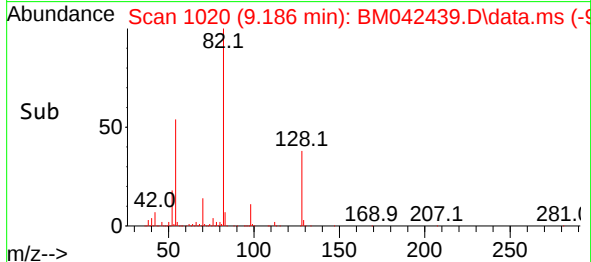
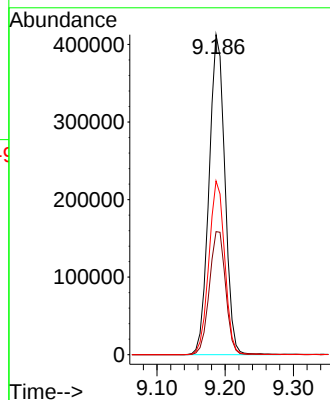
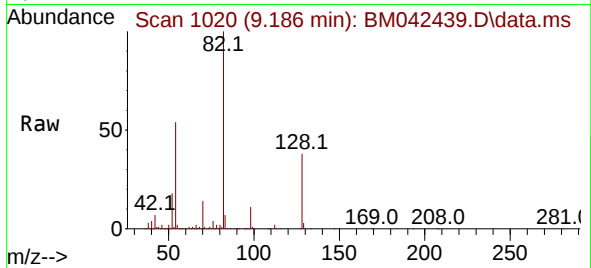




#23
Nitrobenzene-d5
Concen: 57.915 ng
RT: 9.186 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

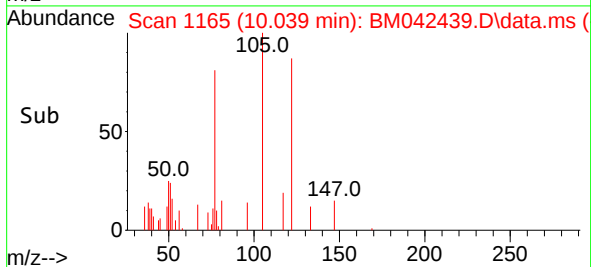
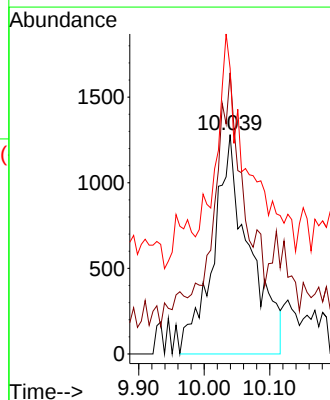
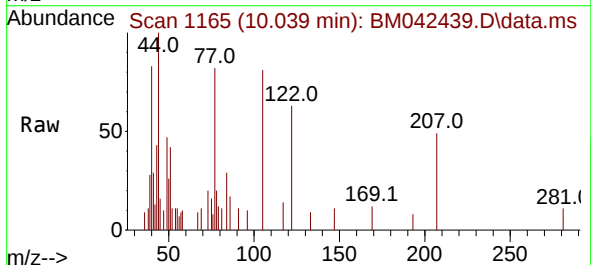
Instrument :
BNA_M
ClientSampleId :
LSS-B2-COMP-101723

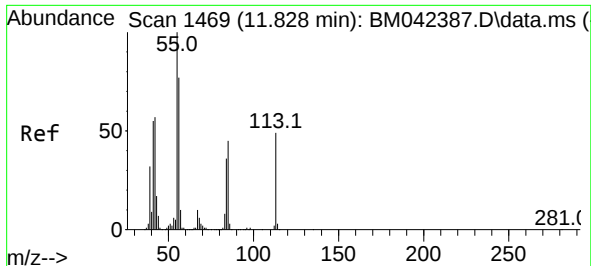
Tgt Ion: 82 Resp: 667432
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.6
54 54.3 43.7 65.5



#32
Benzoic acid
Concen: 6.071 ng
RT: 10.039 min Scan# 1165
Delta R.T. -0.071 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion:122 Resp: 4887
Ion Ratio Lower Upper
122 100
105 128.2 104.9 144.9
77 130.2 83.4 123.4#

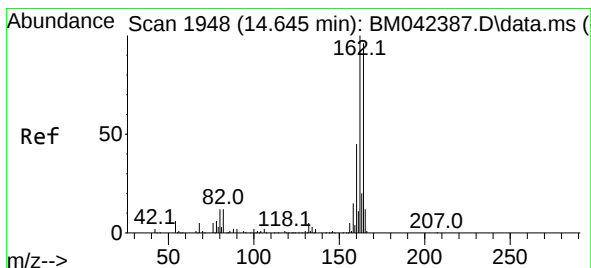
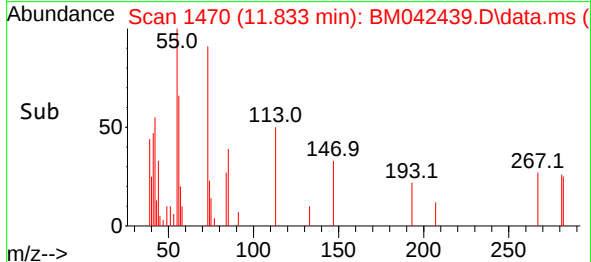
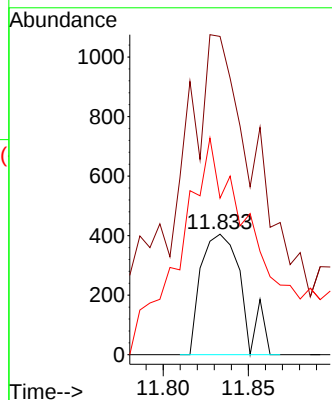
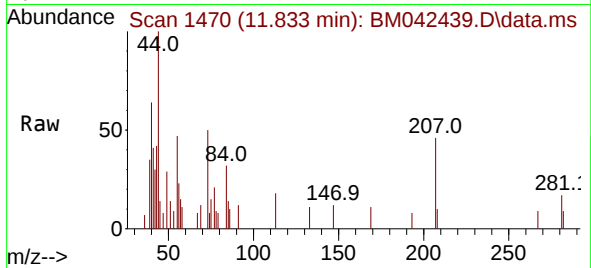




#35
Caprolactam
Concen: 6.145 ng
RT: 11.833 min Scan# 1469
Delta R.T. 0.005 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

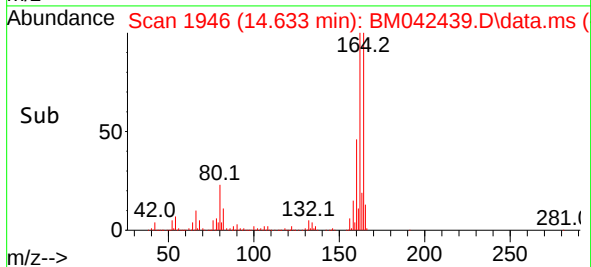
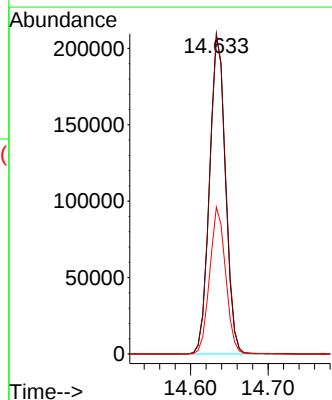
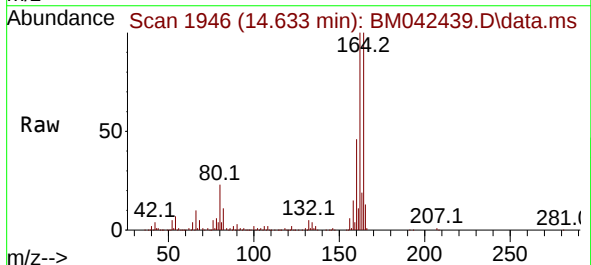
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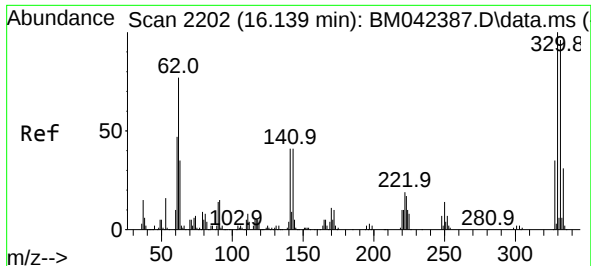
Tgt Ion:113 Resp: 676
Ion Ratio Lower Upper
113 100
55 264.0 185.6 225.6#
56 129.9 137.8 177.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion:164 Resp: 298690
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.4
160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 113.020 ng

RT: 16.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042439.D

Acq: 25 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

LSS-B2-COMP-101723

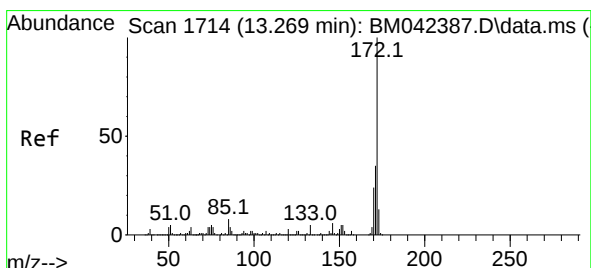
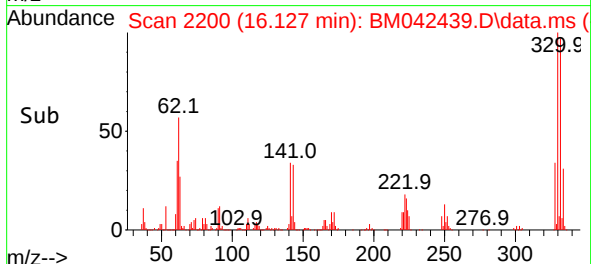
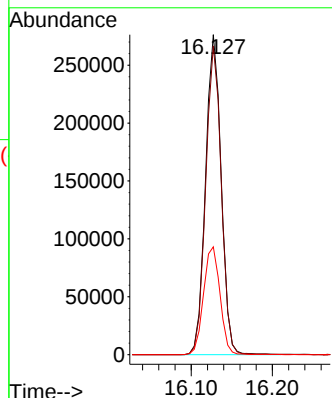
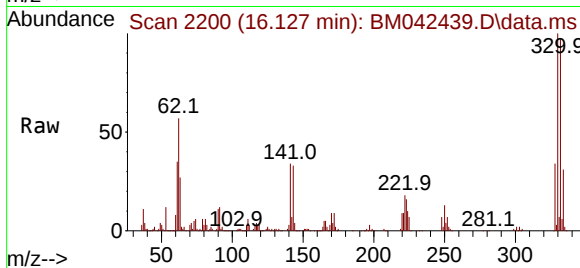
Tgt Ion:330 Resp: 368525

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 35.6 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 58.913 ng

RT: 13.257 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BM042439.D

Acq: 25 Oct 2023 15:59

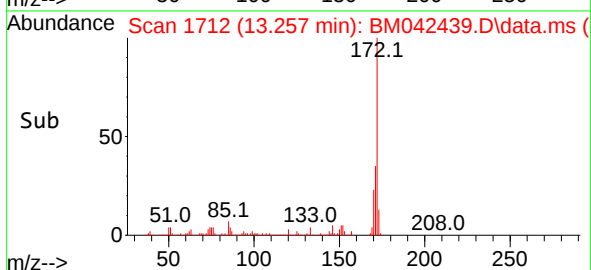
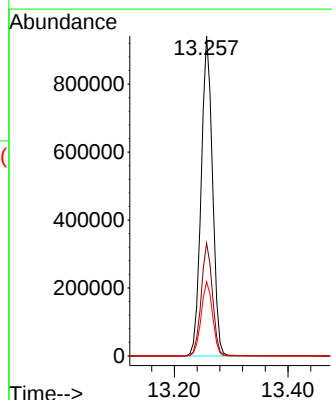
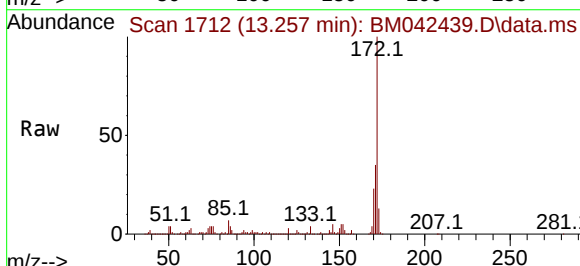
Tgt Ion:172 Resp: 1306748

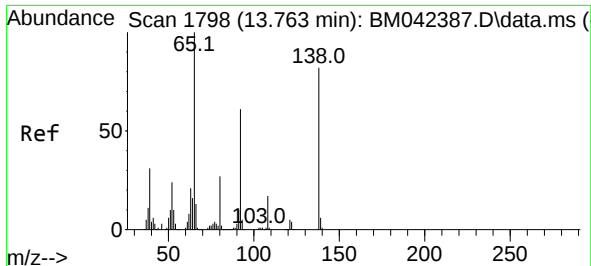
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.2 18.9 28.3

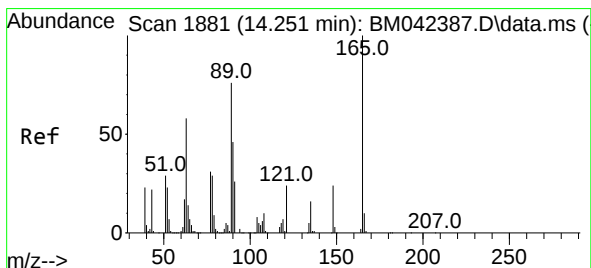
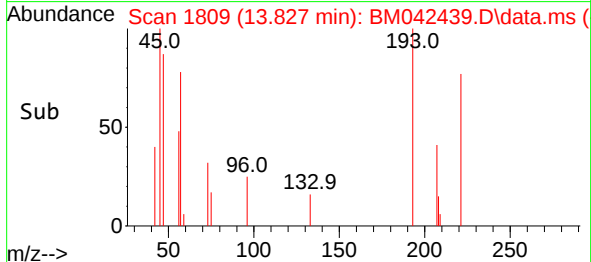
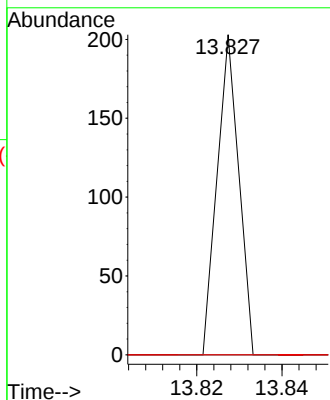
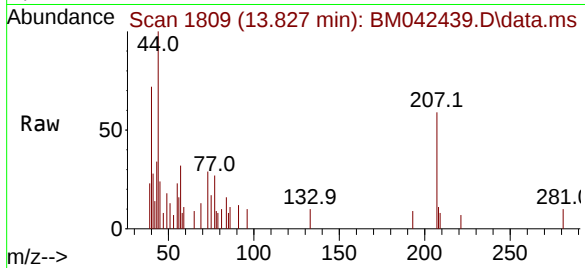




#48
2-Nitroaniline
Concen: 3.649 ng
RT: 13.827 min Scan# 1809
Delta R.T. 0.064 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

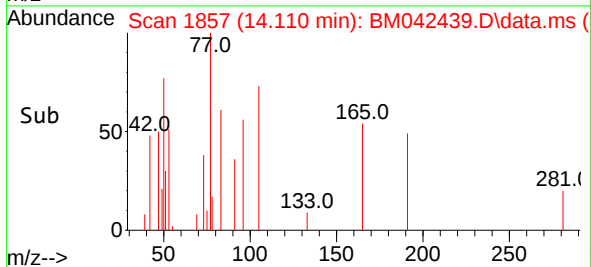
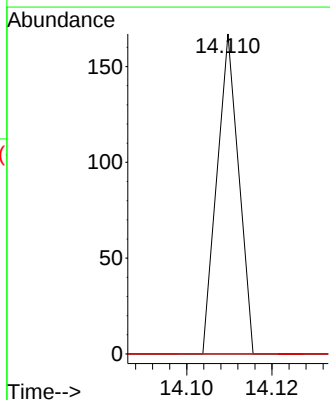
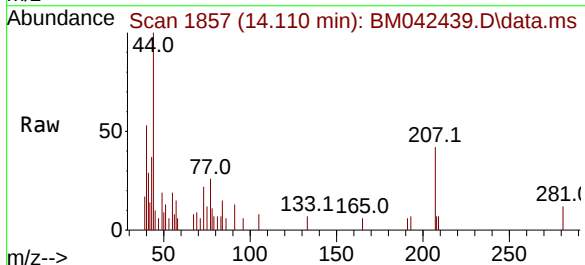
Instrument :
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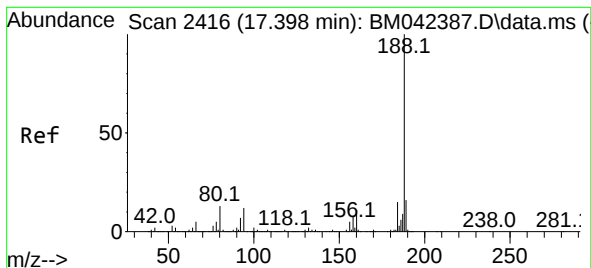
Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 2.899 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.141 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion: 165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 65.3 97.9#
89 0.0 60.6 91.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BM042439.D

Acq: 25 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

LSS-B2-COMP-101723

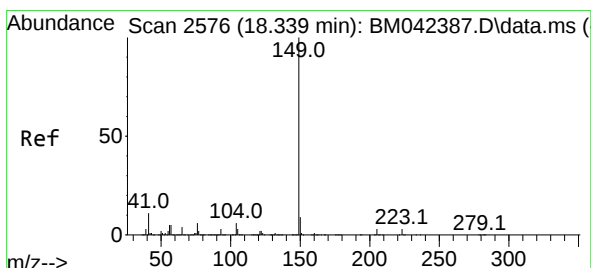
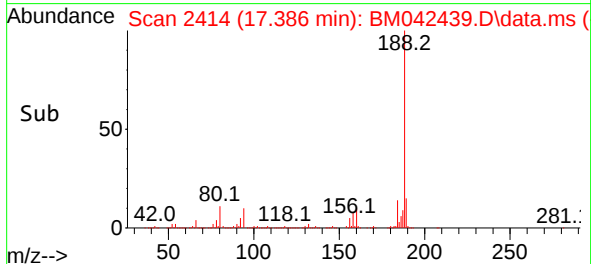
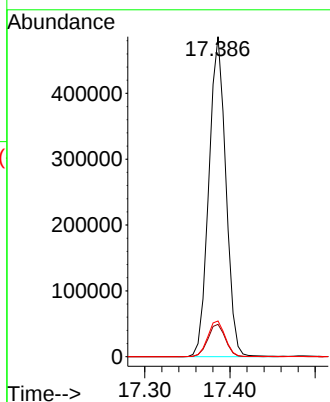
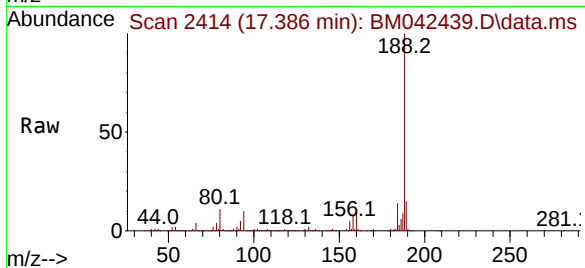
Tgt Ion:188 Resp: 673027

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.0

80 11.1 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.913 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042439.D

Acq: 25 Oct 2023 15:59

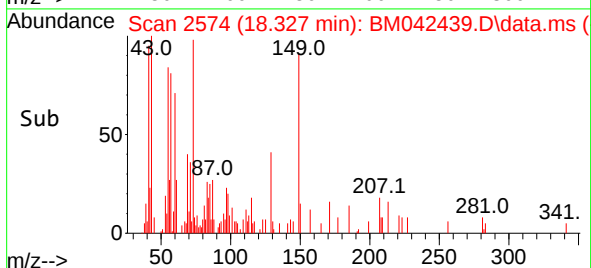
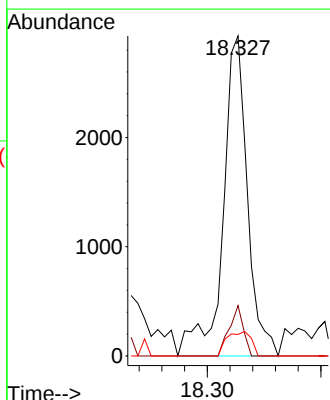
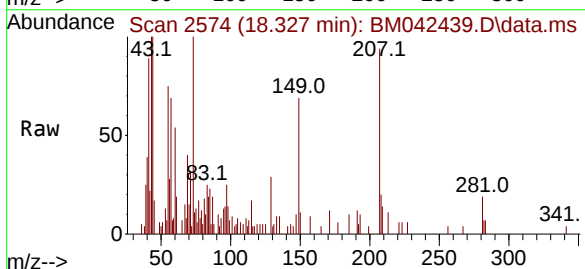
Tgt Ion:149 Resp: 4364

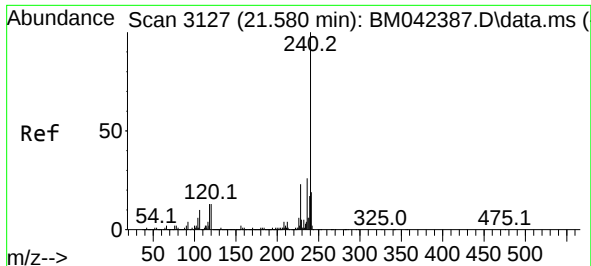
Ion Ratio Lower Upper

149 100

150 15.7 7.4 11.0#

104 6.7 4.6 7.0

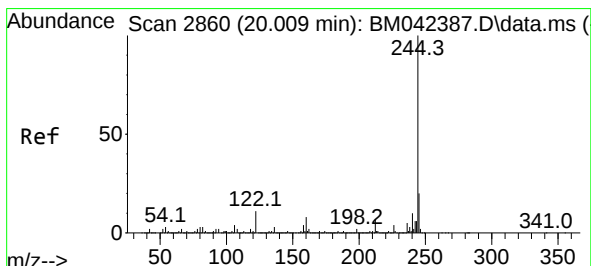
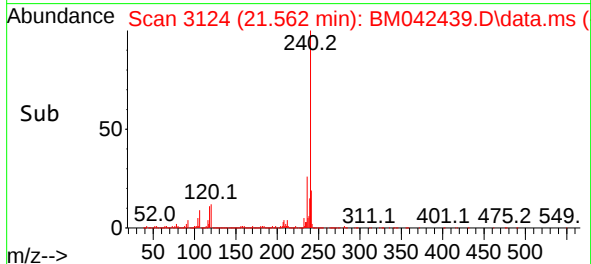
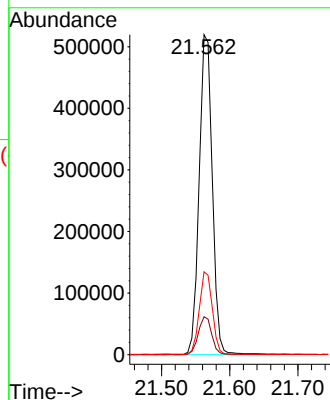
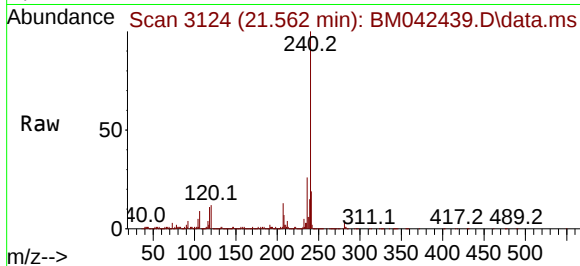




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

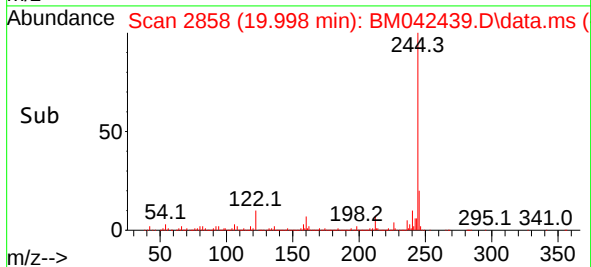
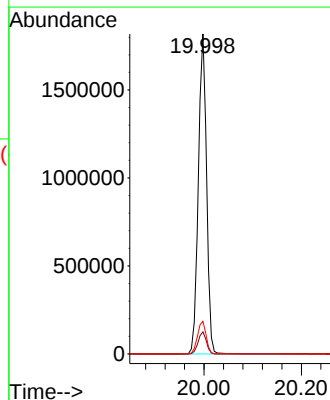
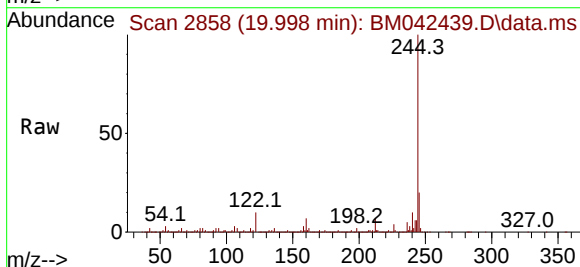
Instrument :
BNA_M
ClientSampleId :
LSS-B2-COMP-101723

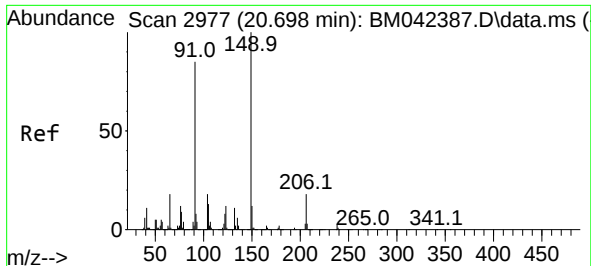
Tgt Ion:240 Resp: 697340
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 54.681 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.011 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion:244 Resp: 2150074
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.2 8.8 13.2

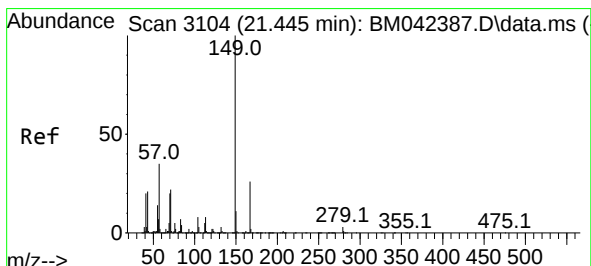
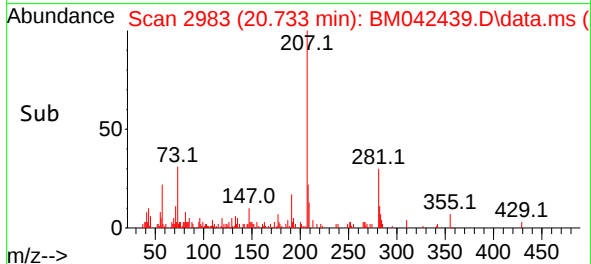
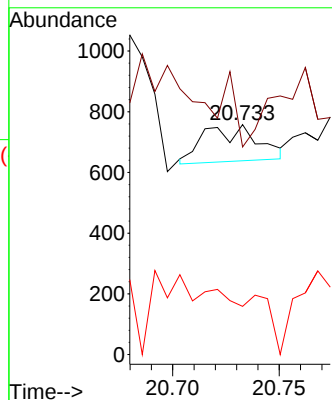
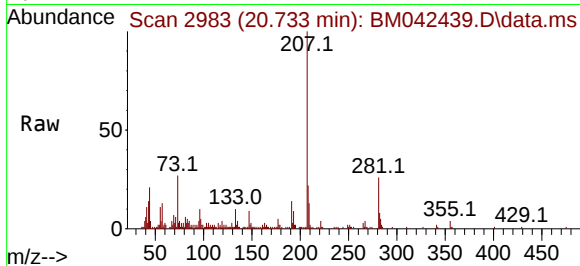




#80
Butylbenzylphthalate
Concen: 3.267 ng
RT: 20.733 min Scan# 2977
Delta R.T. 0.035 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

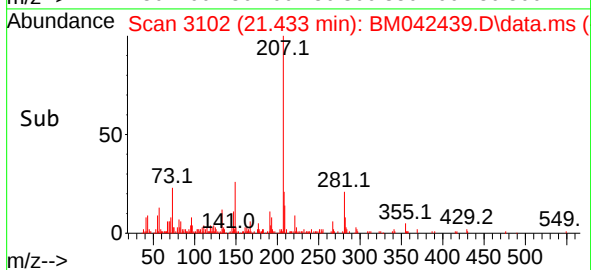
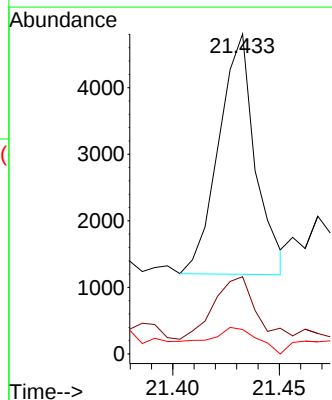
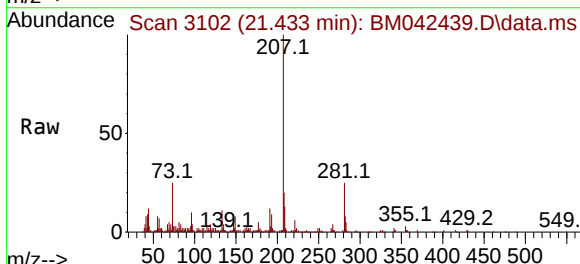
Instrument :
BNA_M
ClientSampleId :
LSS-B2-COMP-101723

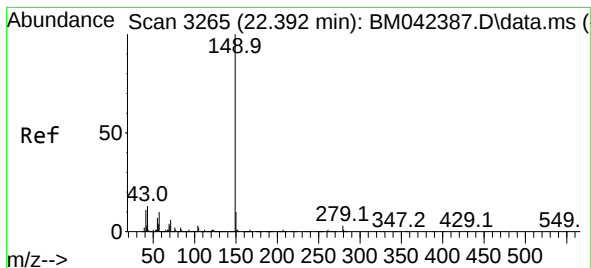
Tgt Ion:149 Resp: 210
Ion Ratio Lower Upper
149 100
91 90.2 68.3 102.5
206 21.0 14.6 22.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.496 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM042439.D
Acq: 25 Oct 2023 15:59

Tgt Ion:149 Resp: 4307
Ion Ratio Lower Upper
149 100
167 24.1 20.9 31.3
279 7.7 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 4.227 ng

RT: 22.356 min Scan# 31

Delta R.T. -0.036 min

Lab File: BM042439.D

Acq: 25 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

LSS-B2-COMP-101723

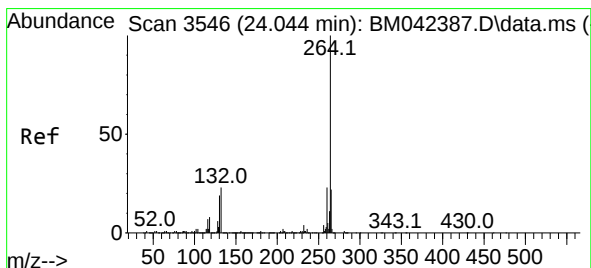
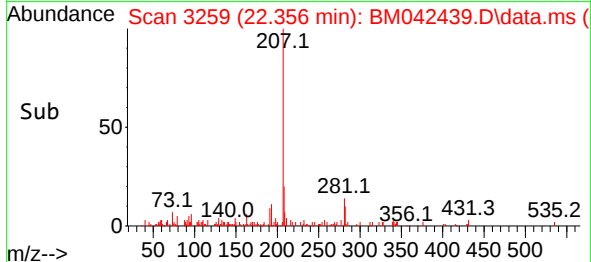
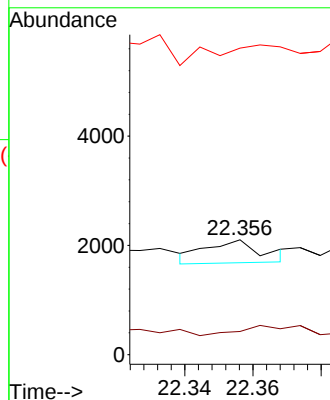
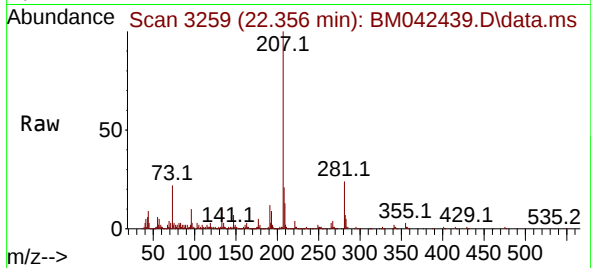
Tgt Ion:149 Resp: 483

Ion Ratio Lower Upper

149 100

167 50.7 1.2 1.8#

43 0.0 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: BM042439.D

Acq: 25 Oct 2023 15:59

Tgt Ion:264 Resp: 768546

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.5 17.8 26.8

