

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042467.D
 Acq On : 27 Oct 2023 00:05
 Operator : MA/JU
 Sample : 04908-04RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

Quant Time: Oct 27 00:48:14 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)

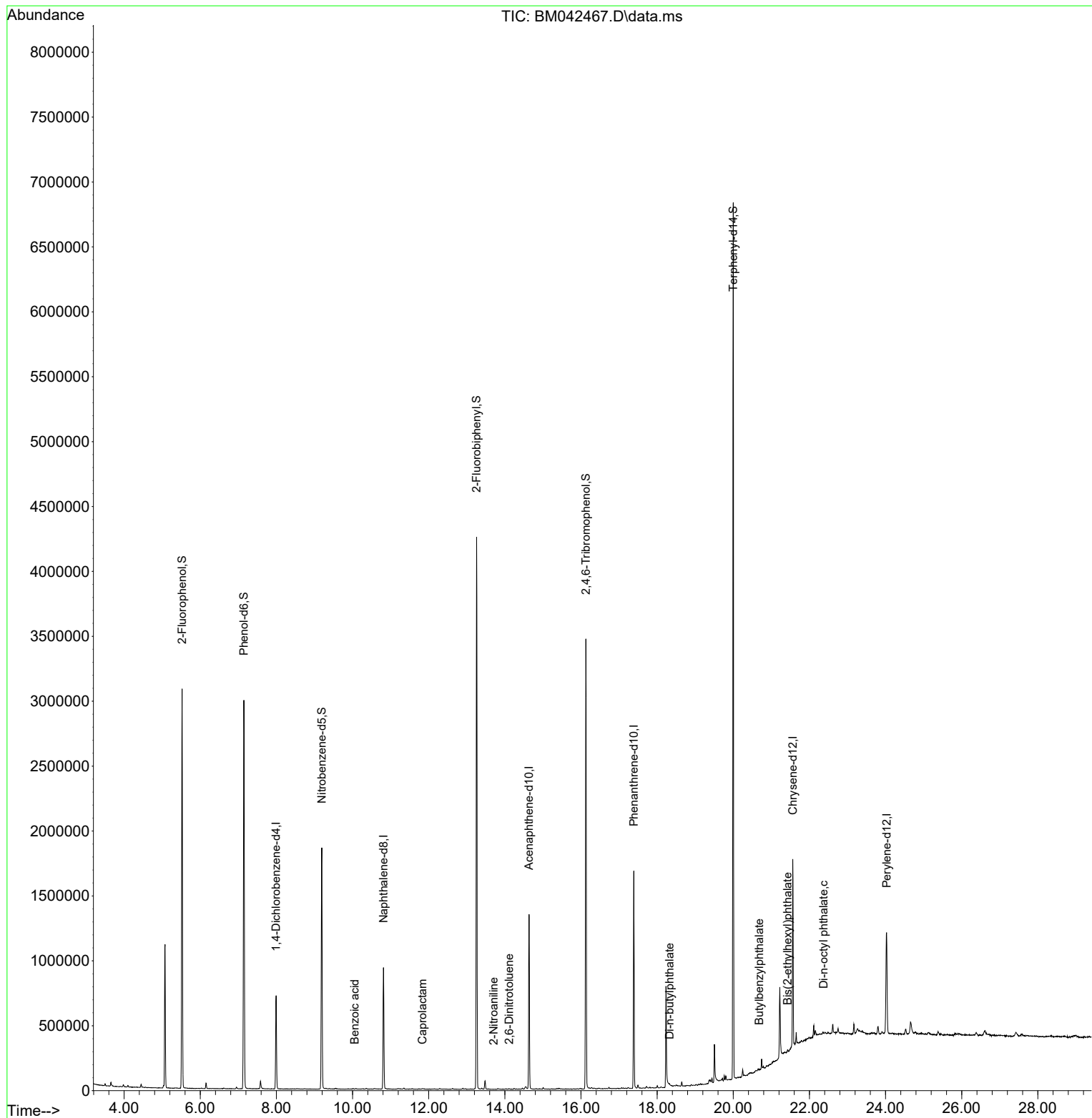
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	180281	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	730382	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	445356	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	929964	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	634691	20.000	ng	-0.02
86) Perylene-d12	24.027	264	605402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1194820	93.668	ng	0.00
7) Phenol-d6	7.145	99	1607902	94.060	ng	0.00
23) Nitrobenzene-d5	9.192	82	1028231	62.252	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	602568	123.046	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	2120956	64.131	ng	-0.01
79) Terphenyl-d14	19.998	244	3039228	84.924	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	519	5.379	ng	# 79
35) Caprolactam	11.833	113	336	6.004	ng	# 85
48) 2-Nitroaniline	13.704	65	72	3.646	ng	# 13
51) 2,6-Dinitrotoluene	14.110	165	139	2.905	ng	# 10
74) Di-n-butylphthalate	18.327	149	5449	2.904	ng	# 96
80) Butylbenzylphthalate	20.680	149	1032	3.306	ng	# 99
84) Bis(2-ethylhexyl)phtha...	21.427	149	6660	3.585	ng	# 95
85) Di-n-octyl phthalate	22.368	149	275	4.224	ng	# 69

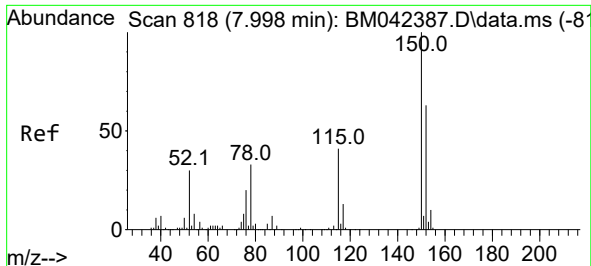
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 00:48:14 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

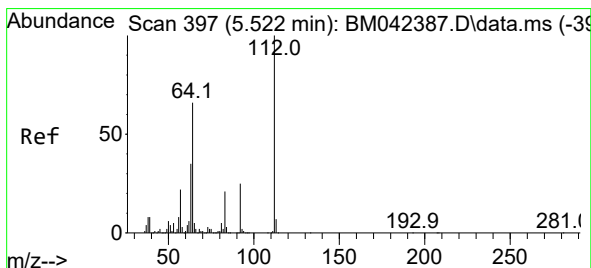
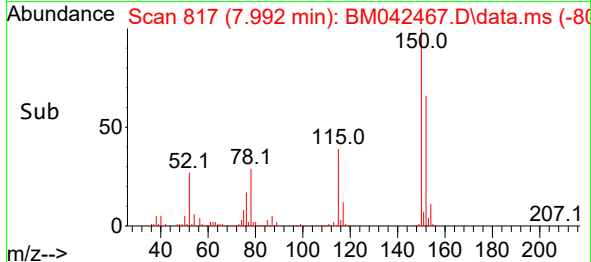
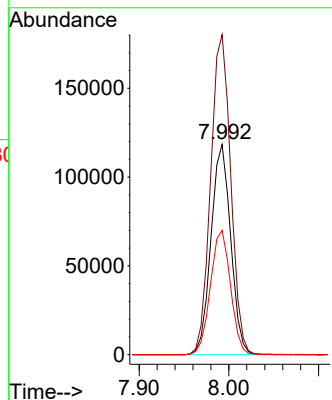
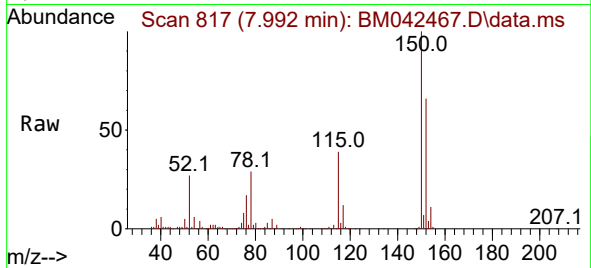




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

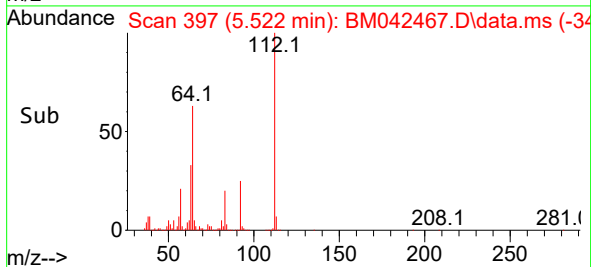
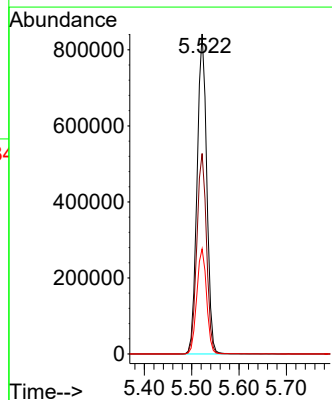
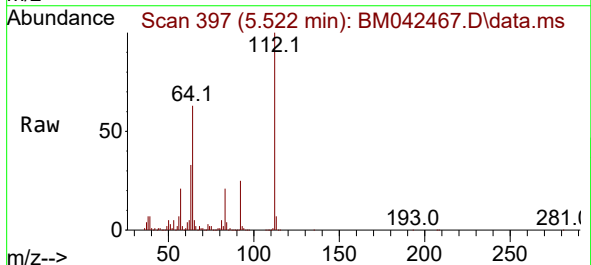
Instrument :
BNA_M
ClientSampleId :
TP-2RE

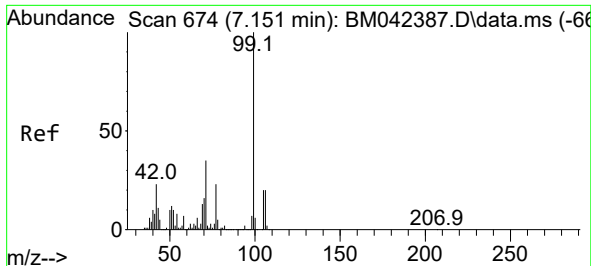
Tgt Ion:152 Resp: 180281
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.4
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 93.668 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion:112 Resp: 1194820
Ion Ratio Lower Upper
112 100
64 62.7 52.7 79.1
63 32.8 28.3 42.5



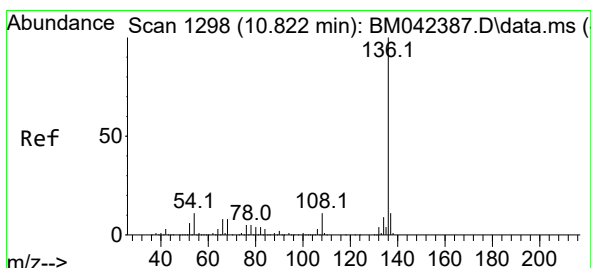
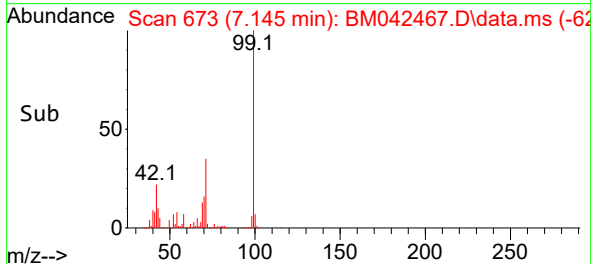
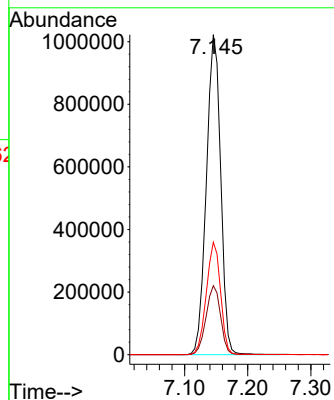
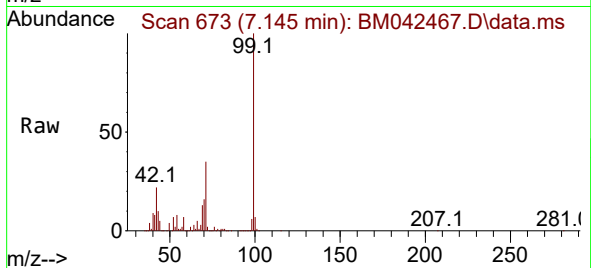


#7
Phenol-d6
Concen: 94.060 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Instrument :
BNA_M
ClientSampleId :
TP-2RE

Tgt Ion: 99 Resp: 1607902

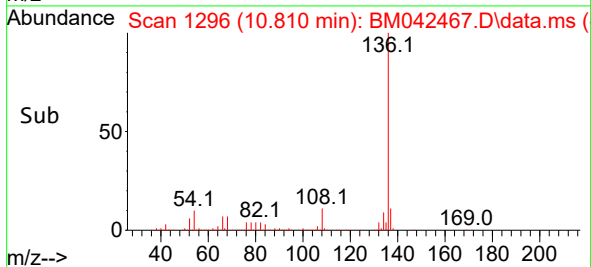
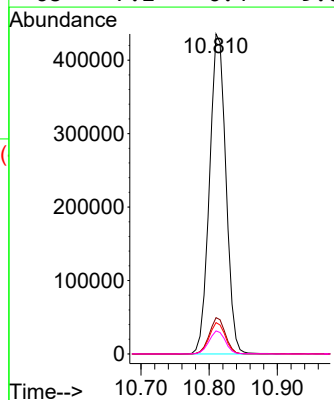
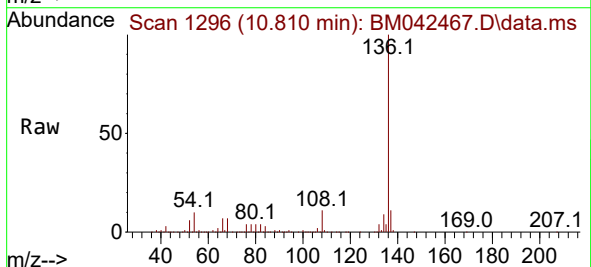
Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.5	27.7
71	35.2	27.7	41.5

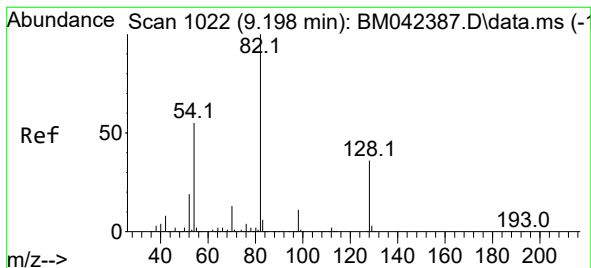


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion: 136 Resp: 730382

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.8	8.6	12.8
68	7.2	6.4	9.6





#23

Nitrobenzene-d5

Concen: 62.252 ng

RT: 9.192 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM042467.D

Acq: 27 Oct 2023 00:05

Instrument :

BNA_M

ClientSampleId :

TP-2RE

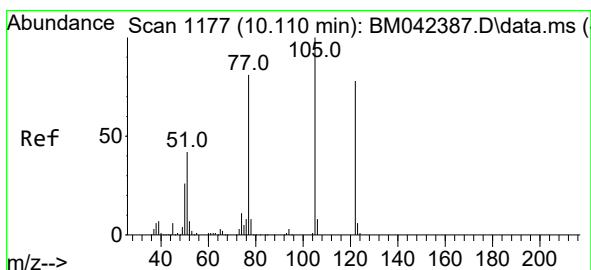
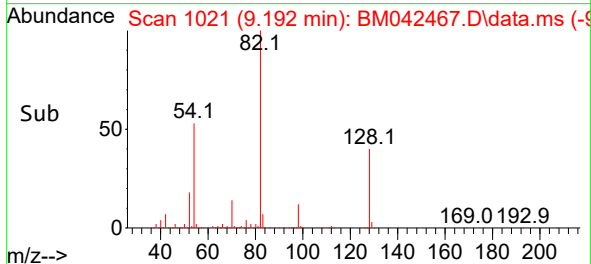
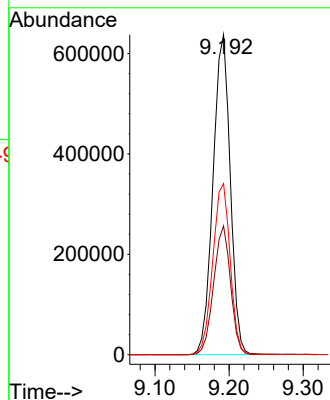
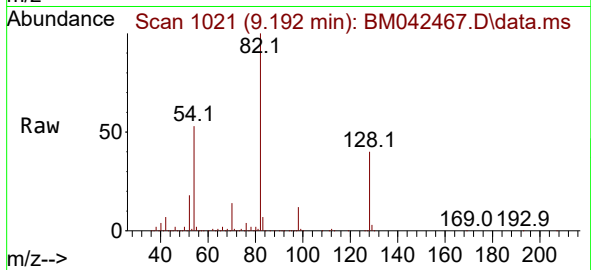
Tgt Ion: 82 Resp: 1028231

Ion Ratio Lower Upper

82 100

128 40.3 29.0 43.6

54 53.5 43.7 65.5



#32

Benzoic acid

Concen: 5.379 ng

RT: 10.057 min Scan# 1168

Delta R.T. -0.053 min

Lab File: BM042467.D

Acq: 27 Oct 2023 00:05

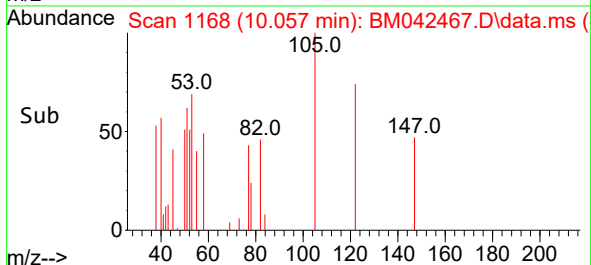
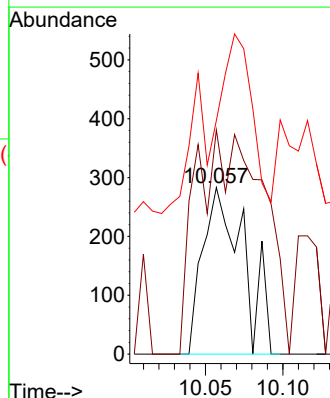
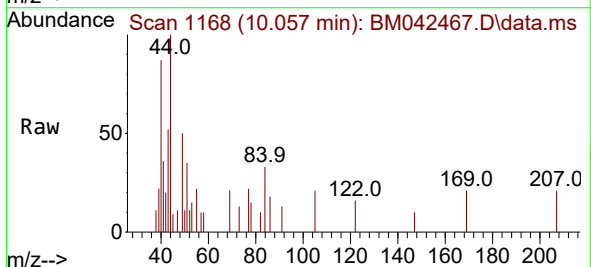
Tgt Ion: 122 Resp: 519

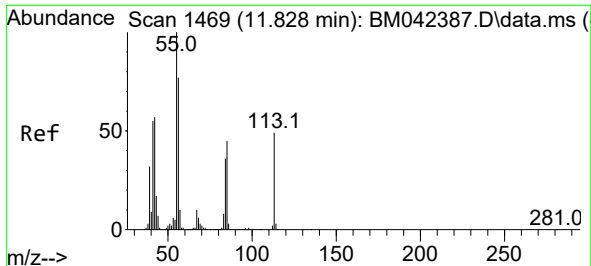
Ion Ratio Lower Upper

122 100

105 134.6 104.9 144.9

77 140.3 83.4 123.4#

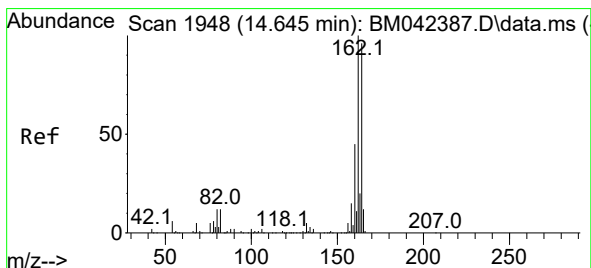
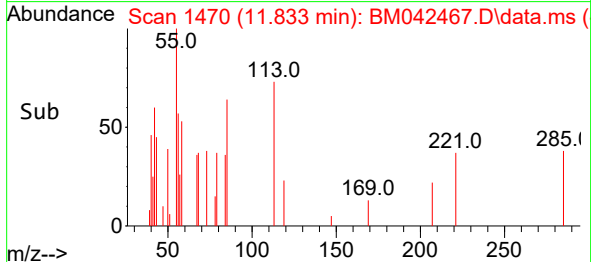
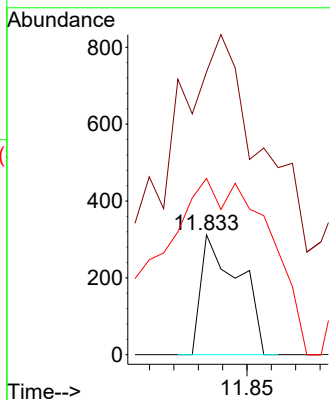
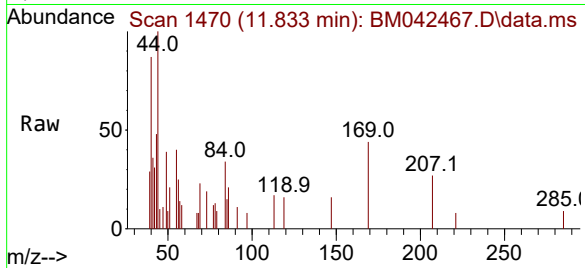




#35
Caprolactam
Concen: 6.004 ng
RT: 11.833 min Scan# 1469
Delta R.T. 0.005 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

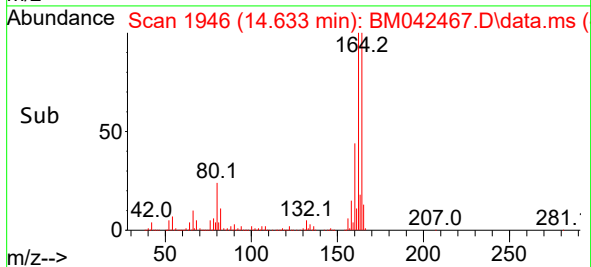
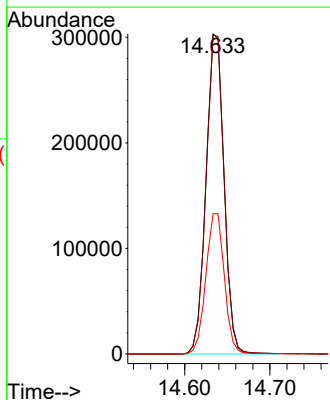
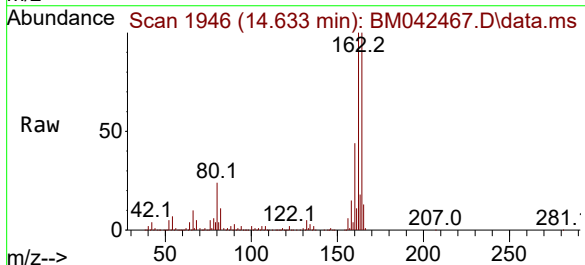
Instrument :
BNA_M
ClientSampleId :
TP-2RE

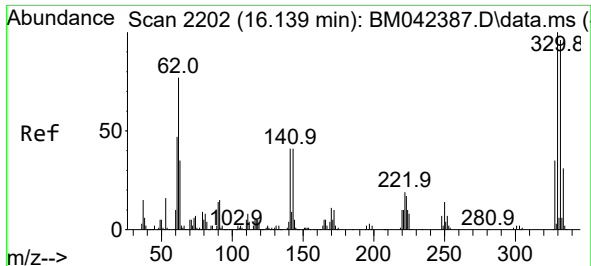
Tgt Ion:113 Resp: 336
Ion Ratio Lower Upper
113 100
55 235.9 185.6 225.6#
56 147.1 137.8 177.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion:164 Resp: 445356
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.4
160 43.9 37.0 55.4

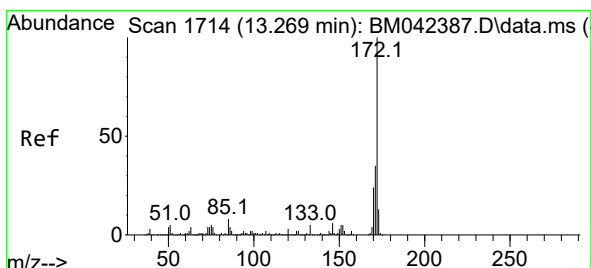
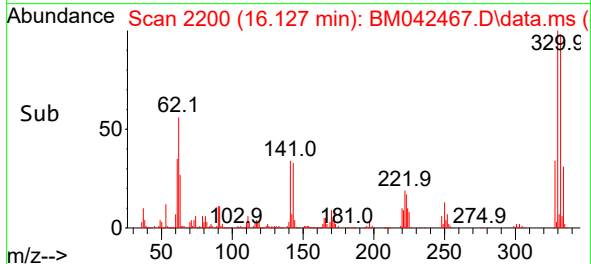
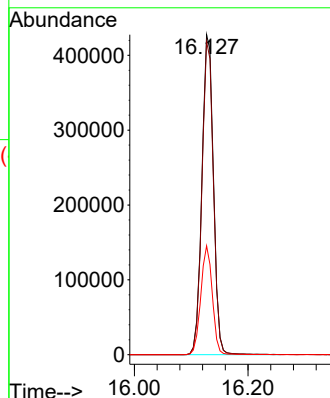
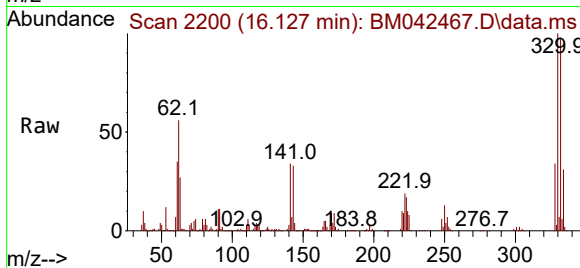




#42
 2,4,6-Tribromophenol
 Concen: 123.046 ng
 RT: 16.127 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042467.D
 Acq: 27 Oct 2023 00:05

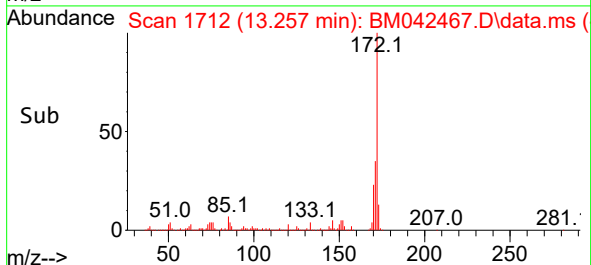
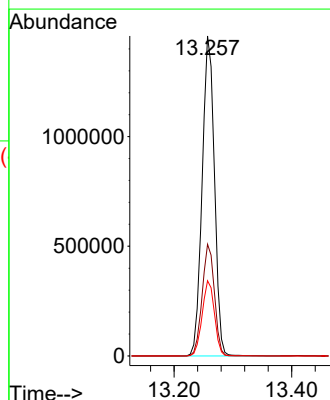
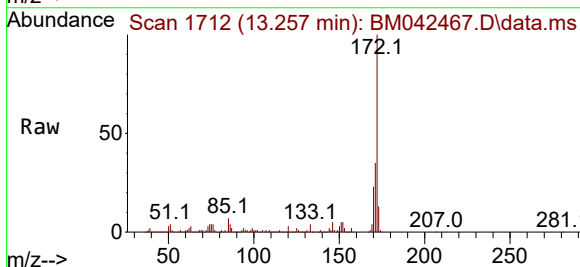
Instrument :
 BNA_M
 ClientSampleId :
 TP-2RE

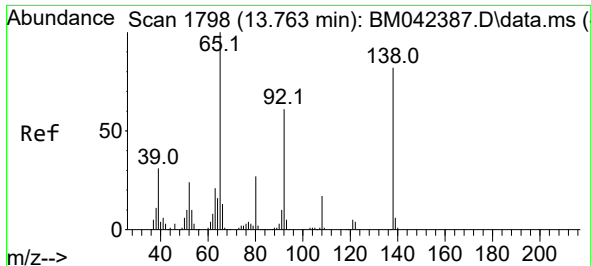
Tgt Ion:330 Resp: 602568
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.6 116.4
 141 34.0 38.0 57.0#



#45
 2-Fluorobiphenyl
 Concen: 64.131 ng
 RT: 13.257 min Scan# 1712
 Delta R.T. -0.012 min
 Lab File: BM042467.D
 Acq: 27 Oct 2023 00:05

Tgt Ion:172 Resp: 2120956
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.5 18.9 28.3

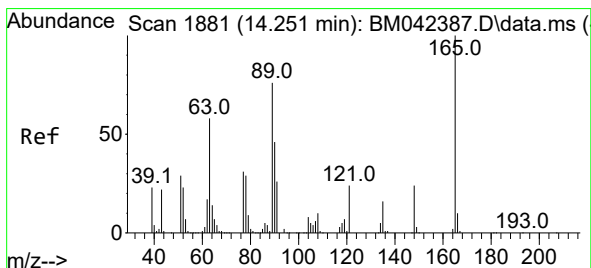
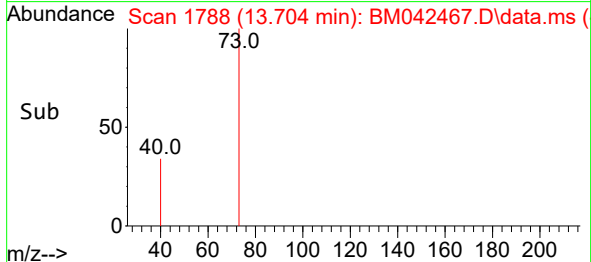
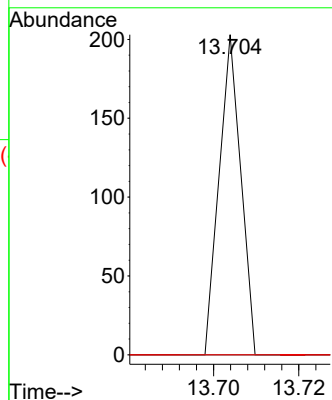
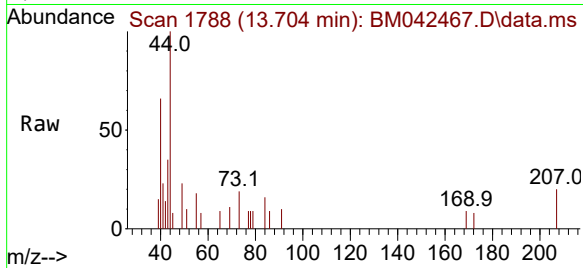




#48
2-Nitroaniline
Concen: 3.646 ng
RT: 13.704 min Scan# 11
Delta R.T. -0.059 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

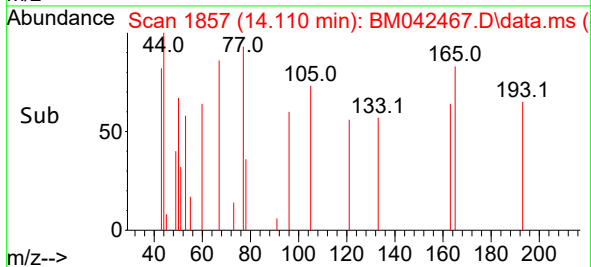
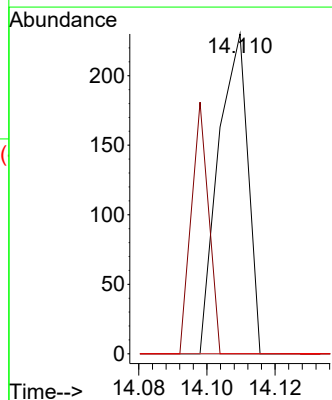
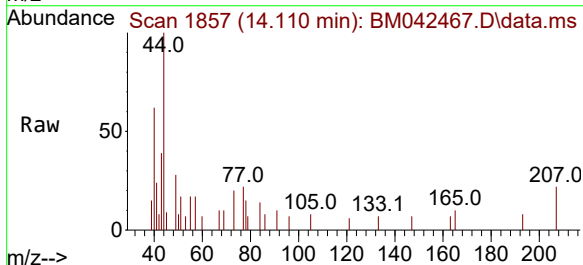
Instrument :
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ClientSampleId :
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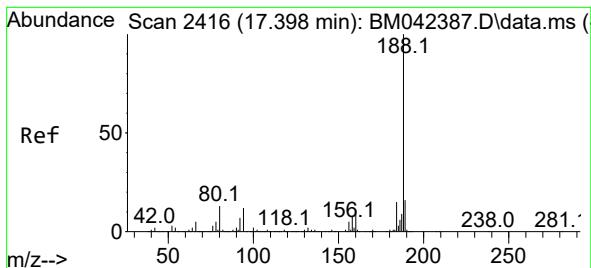
Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.6#
138	0.0	65.5	98.3#



#51
2,6-Dinitrotoluene
Concen: 2.905 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.141 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt 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: BM042467.D

Acq: 27 Oct 2023 00:05

Instrument :

BNA_M

ClientSampleId :

TP-2RE

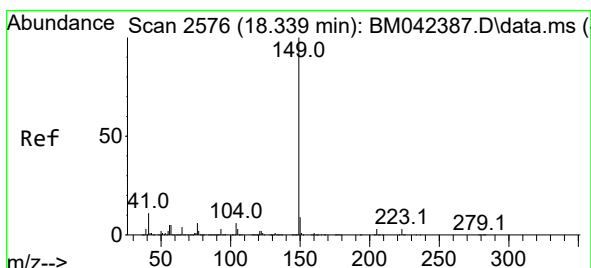
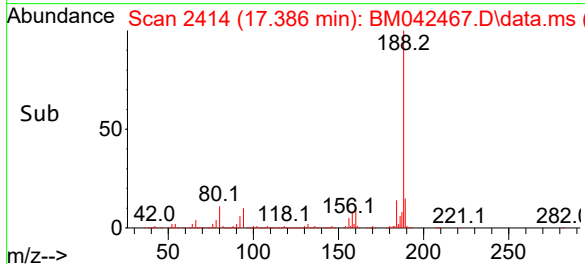
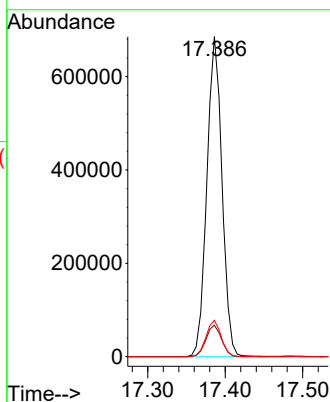
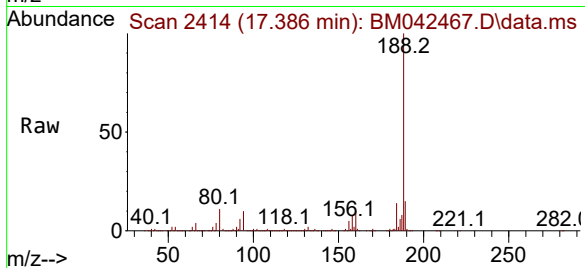
Tgt Ion:188 Resp: 929964

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.0

80 11.3 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.904 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042467.D

Acq: 27 Oct 2023 00:05

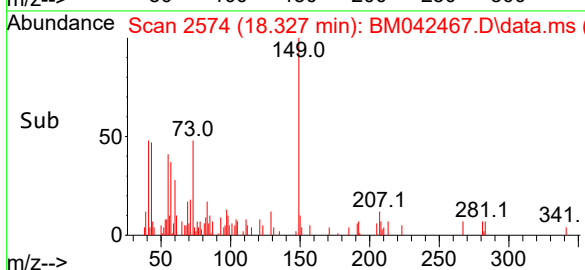
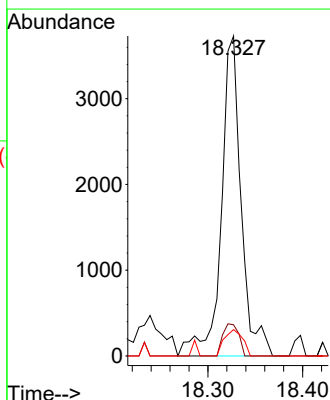
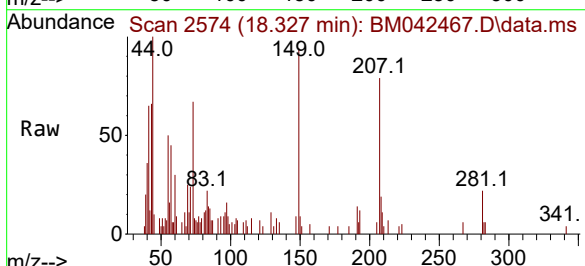
Tgt Ion:149 Resp: 5449

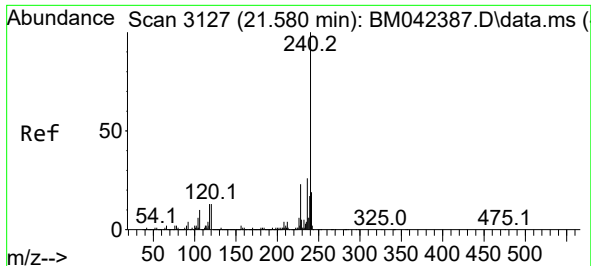
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 8.2 4.6 7.0#

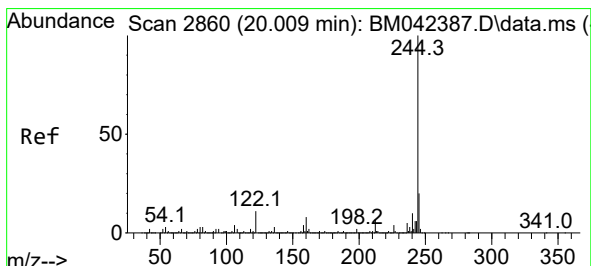
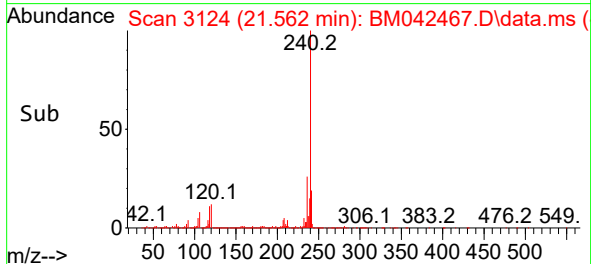
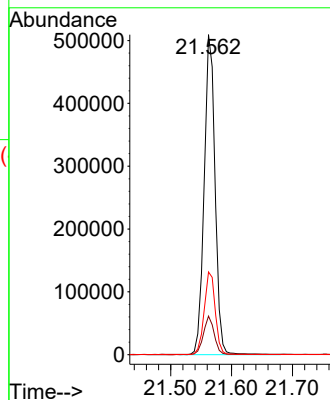
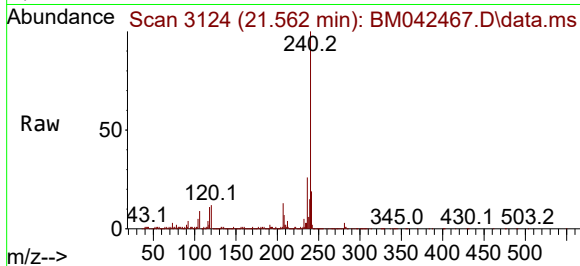




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

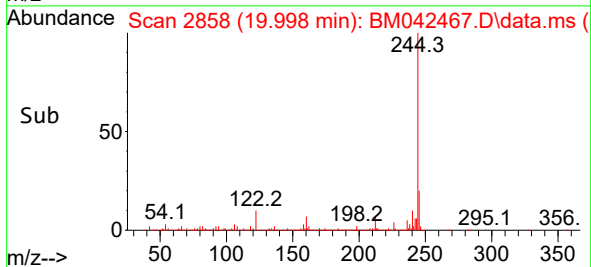
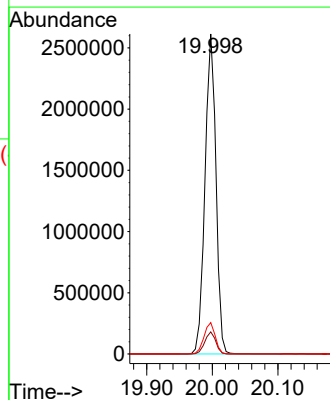
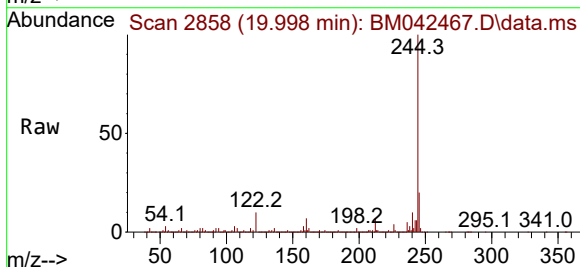
Instrument :
BNA_M
ClientSampleId :
TP-2RE

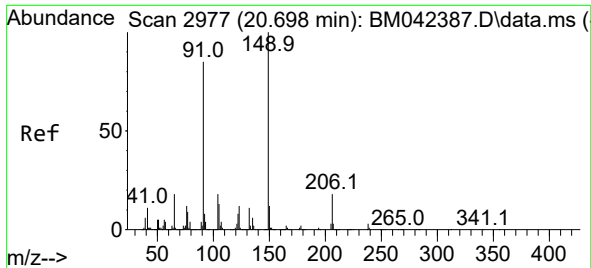
Tgt Ion:240 Resp: 634691
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 84.924 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.011 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion:244 Resp: 3039228
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 9.8 8.8 13.2

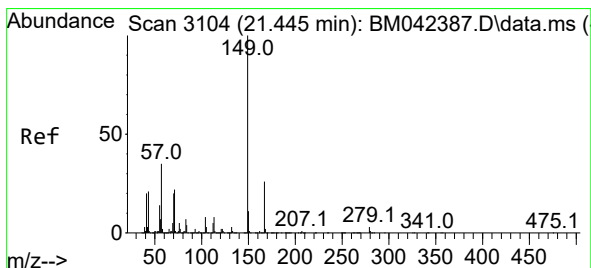
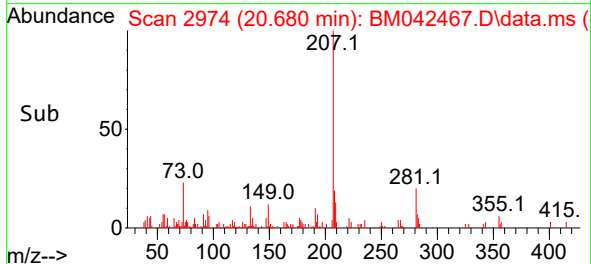
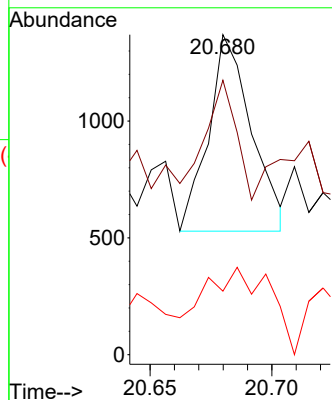
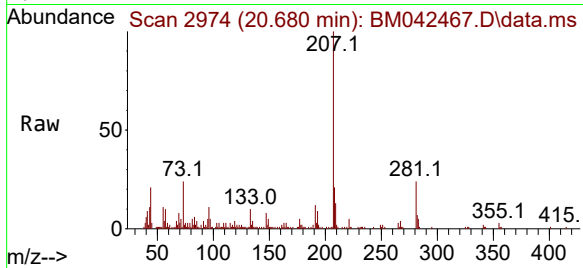




#80
Butylbenzylphthalate
Concen: 3.306 ng
RT: 20.680 min Scan# 2974
Delta R.T. -0.018 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

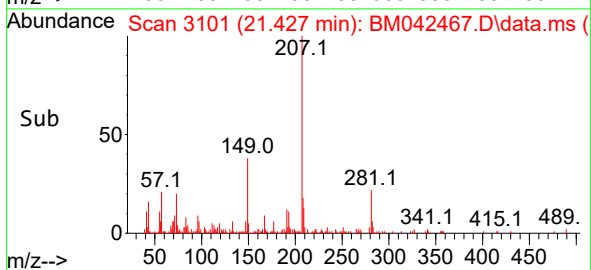
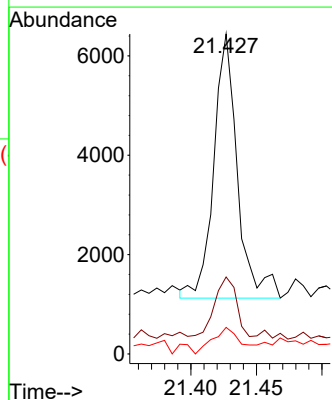
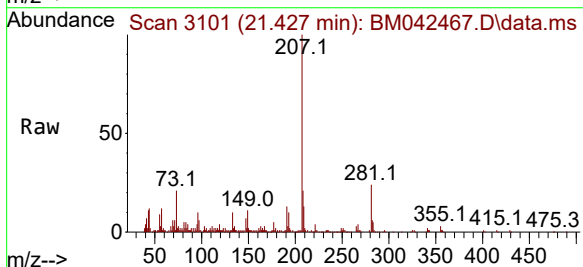
Instrument :
BNA_M
ClientSampleId :
TP-2RE

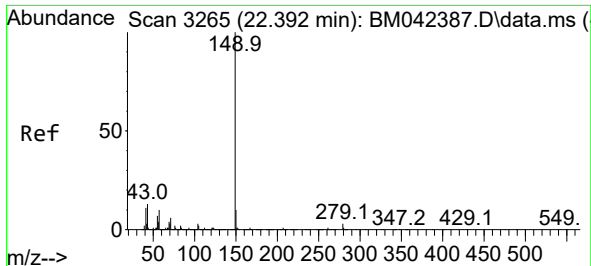
Tgt Ion:149 Resp: 1032
Ion Ratio Lower Upper
149 100
91 85.8 68.3 102.5
206 19.9 14.6 22.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.585 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.018 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion:149 Resp: 6660
Ion Ratio Lower Upper
149 100
167 24.1 20.9 31.3
279 8.3 2.7 4.1#

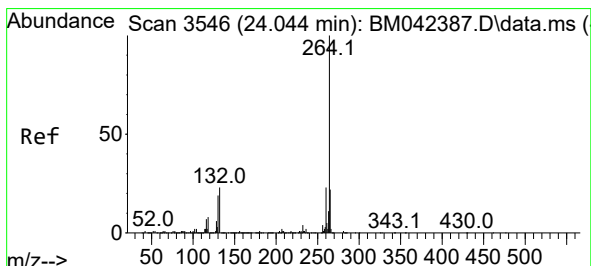
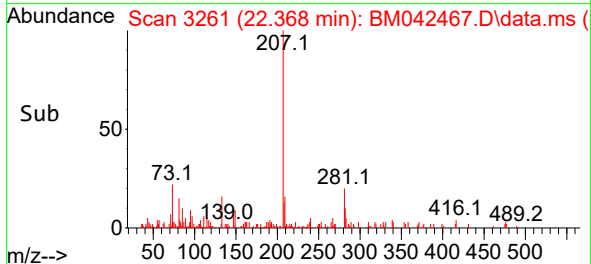
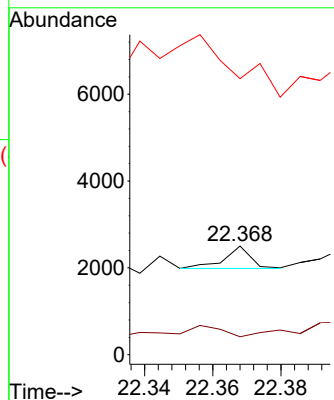
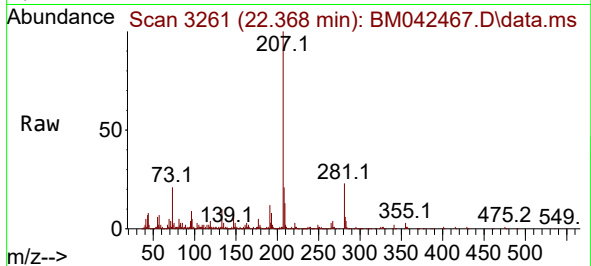




#85
Di-n-octyl phthalate
Concen: 4.224 ng
RT: 22.368 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM042467.D
Acq: 27 Oct 2023 00:05

Instrument :
BNA_M
ClientSampleId :
TP-2RE

Tgt Ion:149 Resp: 275
Ion Ratio Lower Upper
149 100
167 0.0 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: BM042467.D
Acq: 27 Oct 2023 00:05

Tgt Ion:264 Resp: 605402
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.1 17.8 26.8

