

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042398.D
 Acq On : 23 Oct 2023 12:41
 Operator : MA/JU
 Sample : 04844-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-05

Quant Time: Oct 23 13:46:46 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)

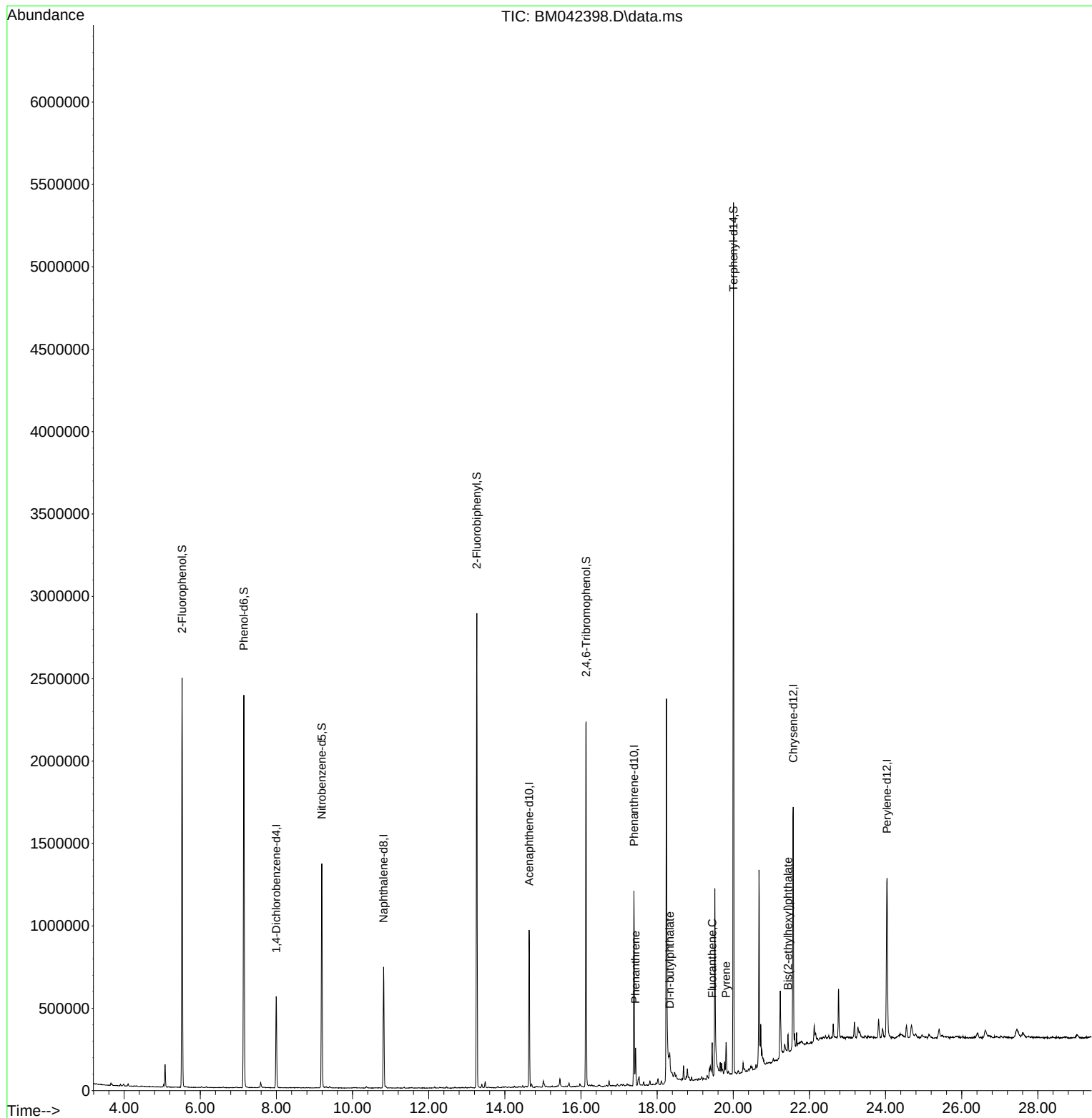
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	137469	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	536496	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285185	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	612699	20.000	ng	0.00
76) Chrysene-d12	21.574	240	612340	20.000	ng	0.00
86) Perylene-d12	24.039	264	666108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	938062	96.442	ng	0.00
7) Phenol-d6	7.146	99	1222299	93.771	ng	0.00
23) Nitrobenzene-d5	9.192	82	747029	61.572	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	328264	106.060	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1325362	62.582	ng	0.00
79) Terphenyl-d14	20.003	244	2252014	65.224	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.433	178	120642	3.620	ng	99
74) Di-n-butylphthalate	18.333	149	77637	4.681	ng	100
75) Fluoranthene	19.445	202	106334	2.897	ng	97
78) Pyrene	19.809	202	101296	2.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	33071	4.484	ng #	100

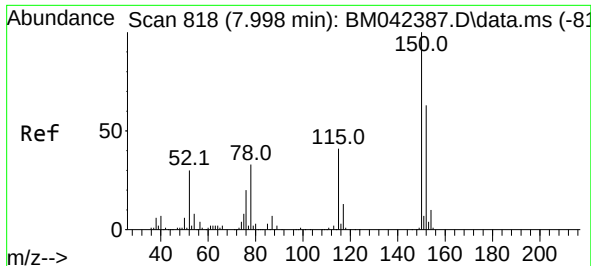
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-05

Quant Time: Oct 23 13:46:46 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

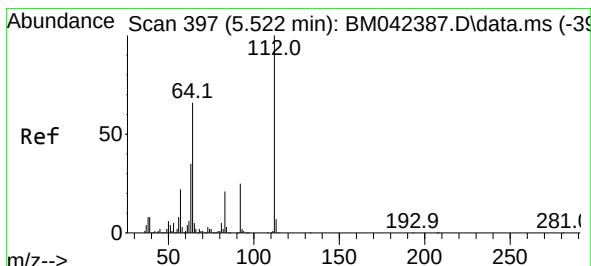
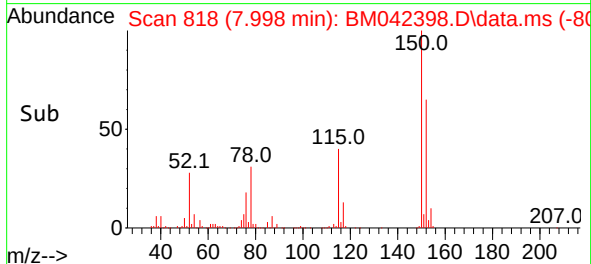
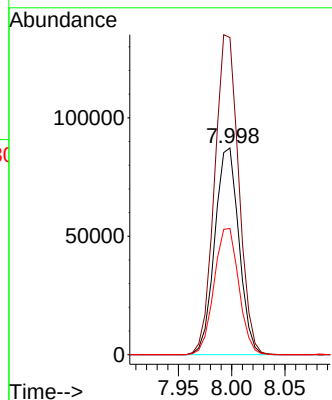
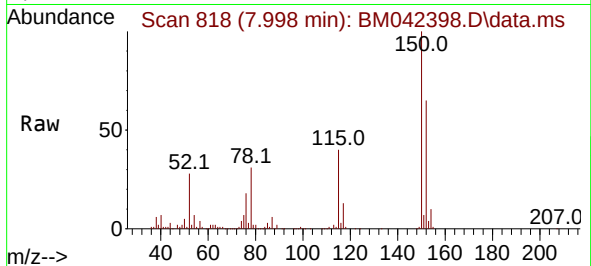




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

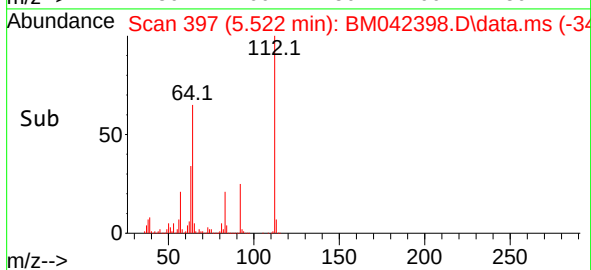
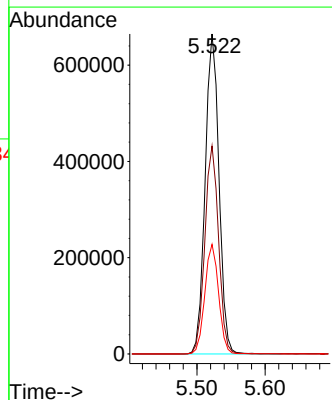
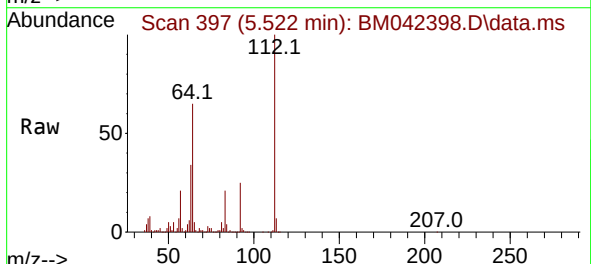
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-05

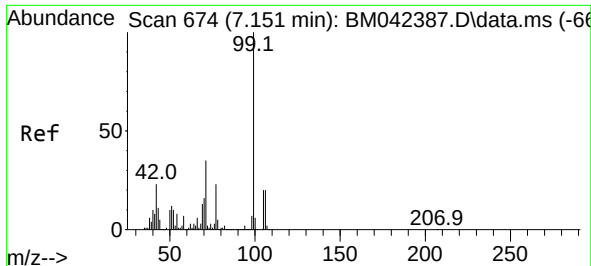
Tgt Ion:152 Resp: 137469
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 96.442 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

Tgt Ion:112 Resp: 938062
Ion Ratio Lower Upper
112 100
64 65.0 52.7 79.1
63 34.2 28.3 42.5



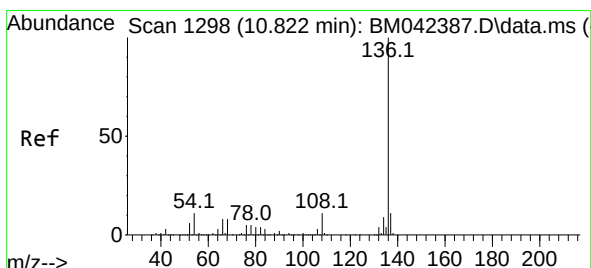
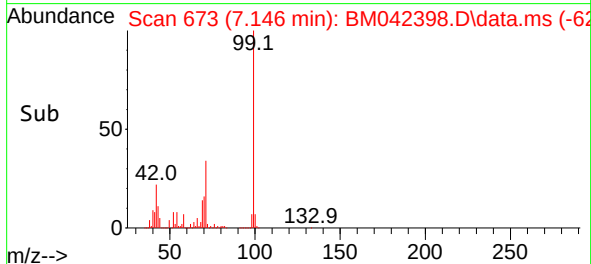
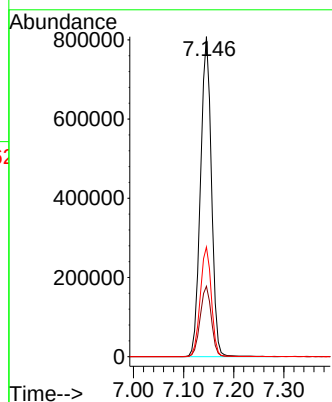
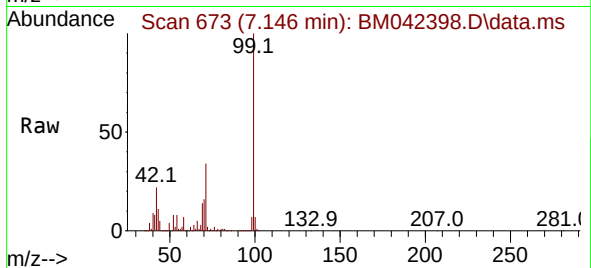


#7
Phenol-d6
Concen: 93.771 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-05

Tgt Ion: 99 Resp: 1222299

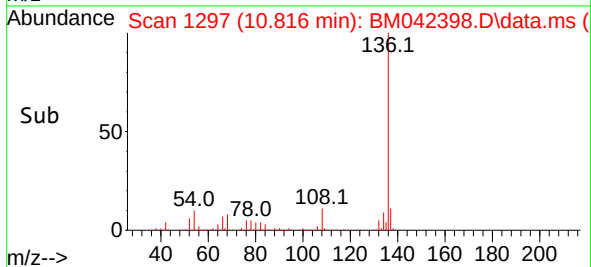
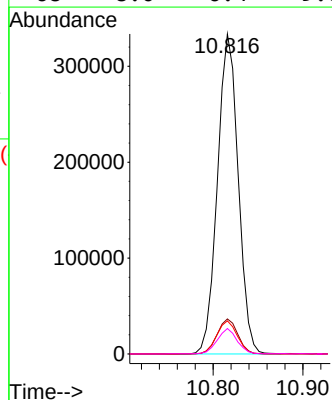
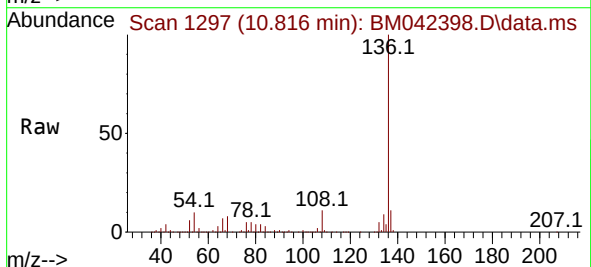
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	34.2	27.7	41.5

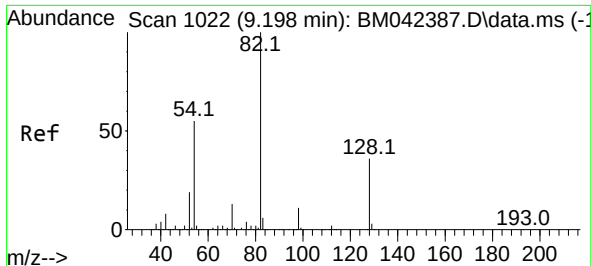


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

Tgt Ion: 136 Resp: 536496

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.3	8.6	12.8
68	8.0	6.4	9.6





#23

Nitrobenzene-d5

Concen: 61.572 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042398.D

Acq: 23 Oct 2023 12:41

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-05

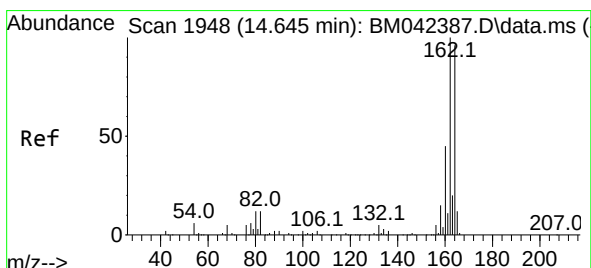
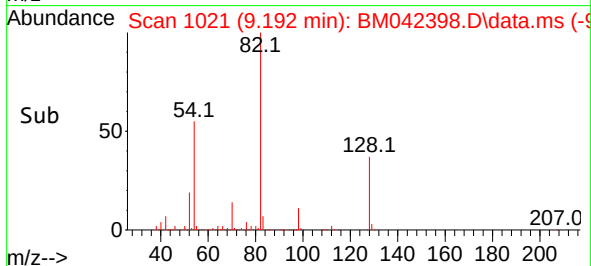
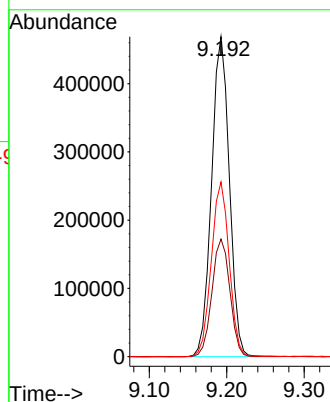
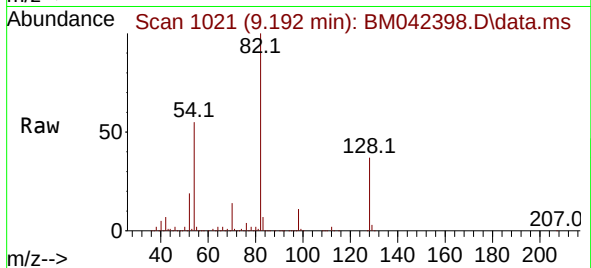
Tgt Ion: 82 Resp: 747029

Ion Ratio Lower Upper

82 100

128 36.8 29.0 43.6

54 54.6 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: BM042398.D

Acq: 23 Oct 2023 12:41

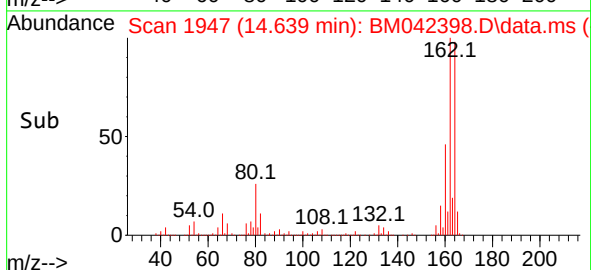
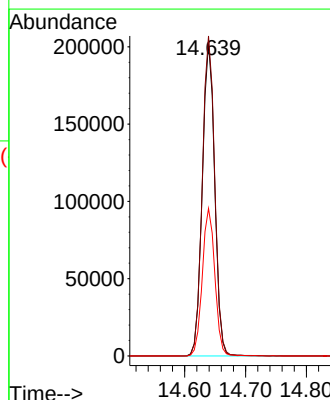
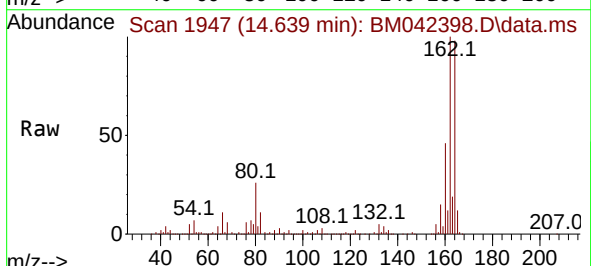
Tgt Ion: 164 Resp: 285185

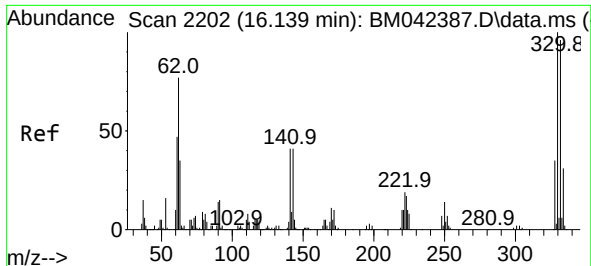
Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.4

160 47.1 37.0 55.4

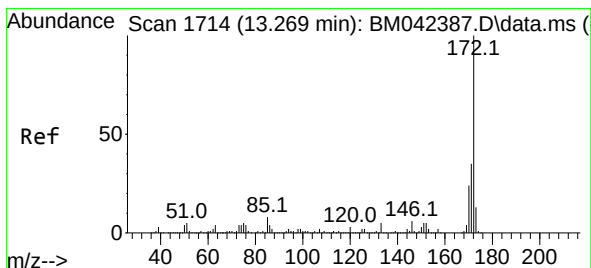
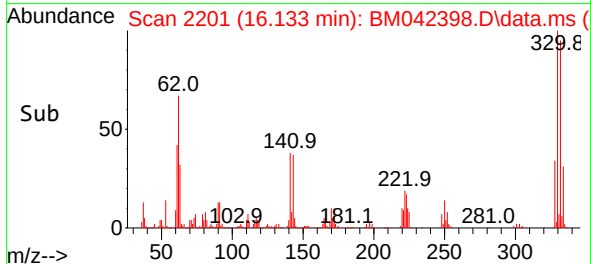
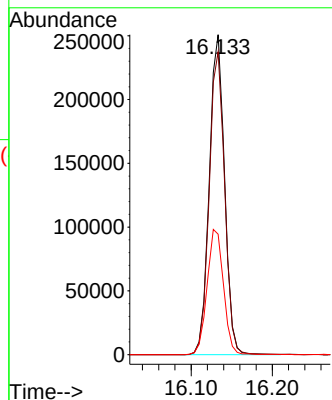
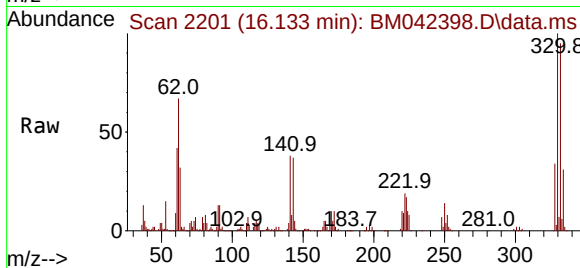




#42
2,4,6-Tribromophenol
Concen: 106.060 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

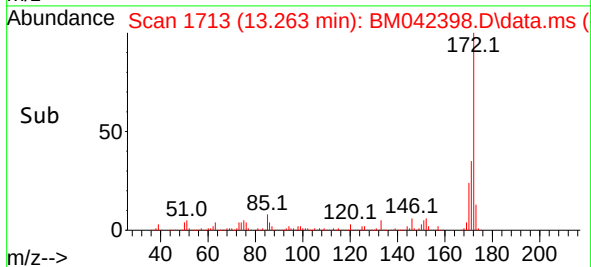
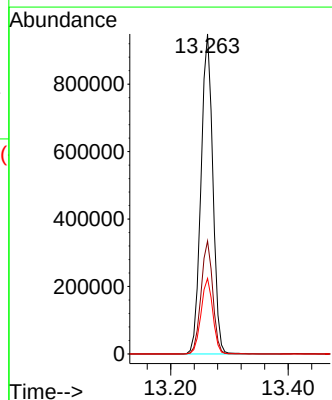
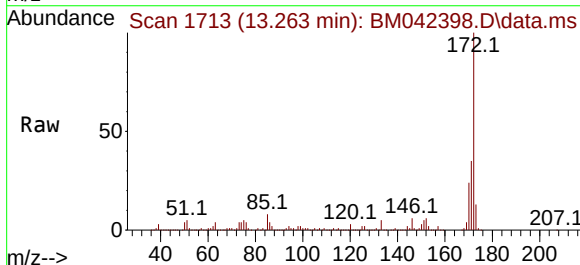
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-05

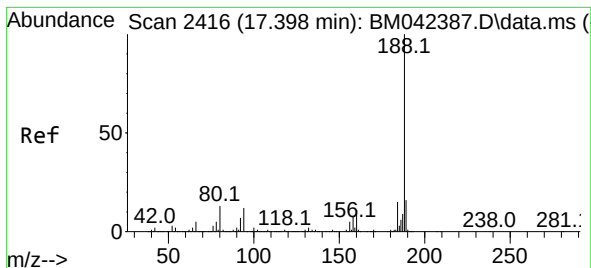
Tgt Ion:330 Resp: 328264
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 42.2 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 62.582 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

Tgt Ion:172 Resp: 1325362
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042398.D

Acq: 23 Oct 2023 12:41

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-05

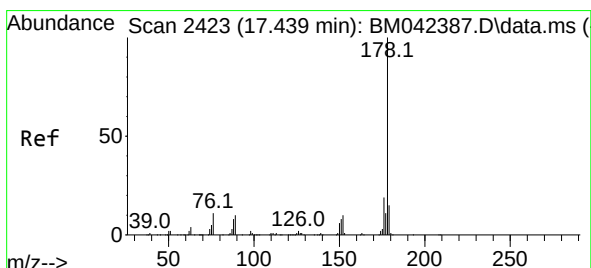
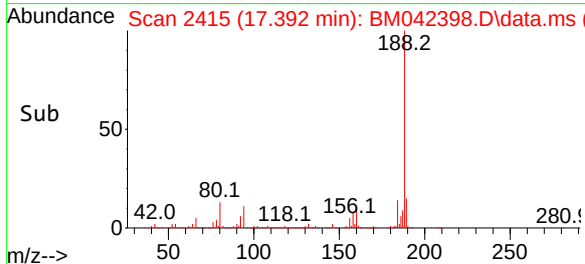
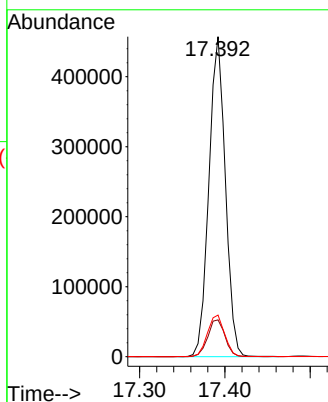
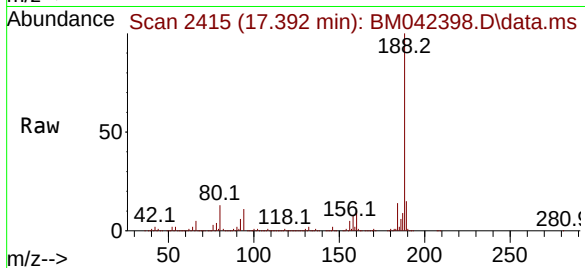
Tgt Ion:188 Resp: 612699

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.0

80 13.0 10.7 16.1



#71

Phenanthrene

Concen: 3.620 ng

RT: 17.433 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BM042398.D

Acq: 23 Oct 2023 12:41

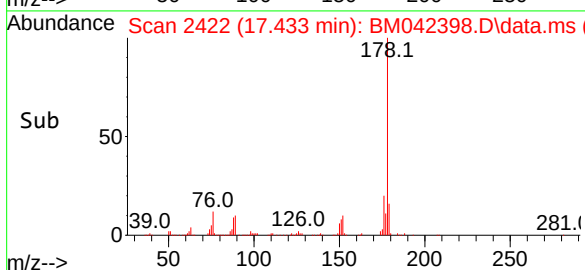
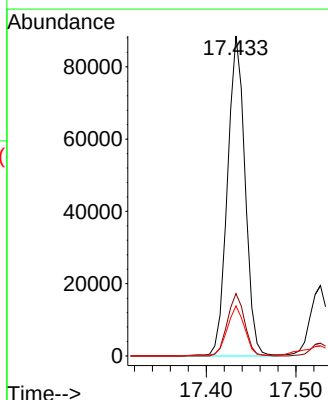
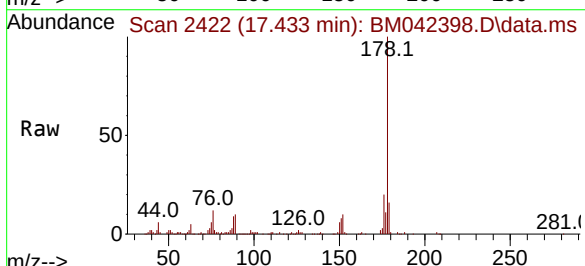
Tgt Ion:178 Resp: 120642

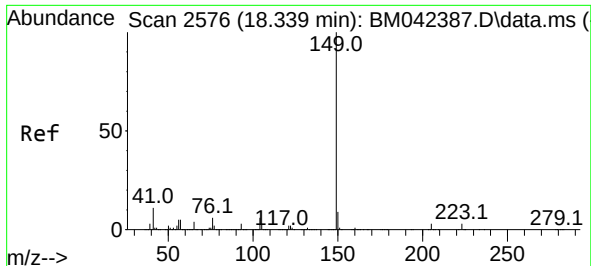
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.6 12.3 18.5

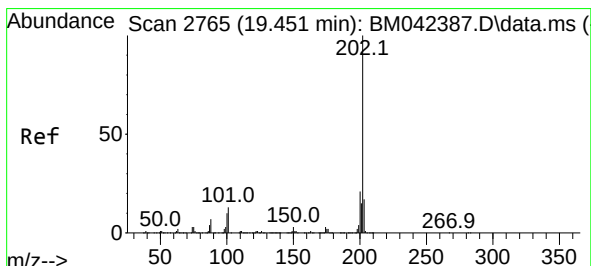
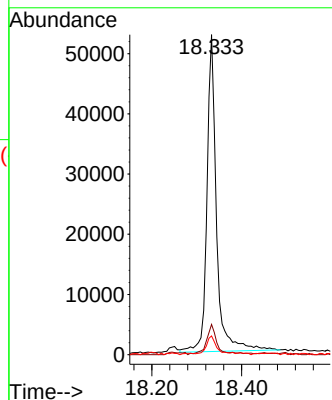
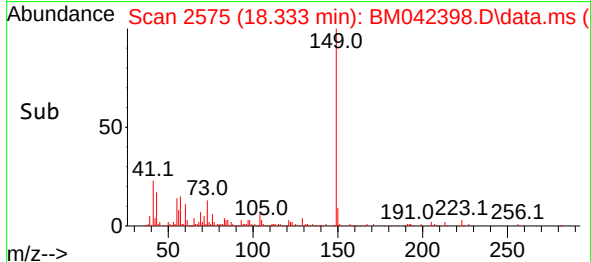
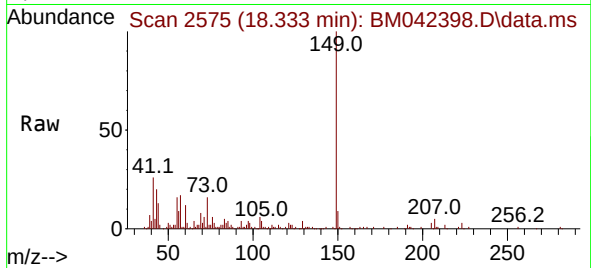




#74
Di-n-butylphthalate
Concen: 4.681 ng
RT: 18.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

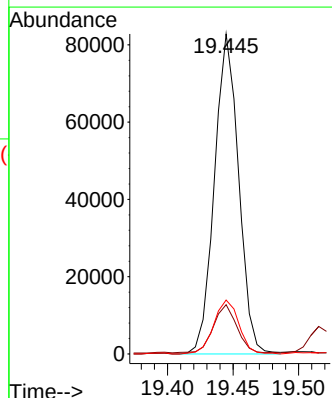
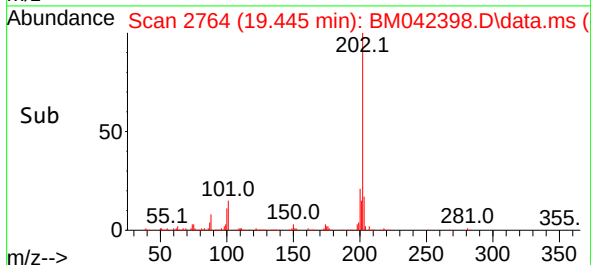
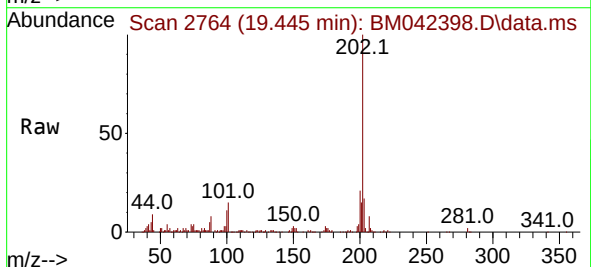
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-05

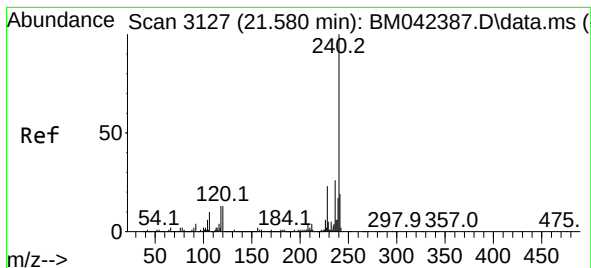
Tgt Ion:149 Resp: 77637
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.8 4.6 7.0



#75
Fluoranthene
Concen: 2.897 ng
RT: 19.445 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM042398.D
Acq: 23 Oct 2023 12:41

Tgt Ion:202 Resp: 106334
Ion Ratio Lower Upper
202 100
101 15.4 0.0 33.3
203 16.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042398.D

Acq: 23 Oct 2023 12:41

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-05

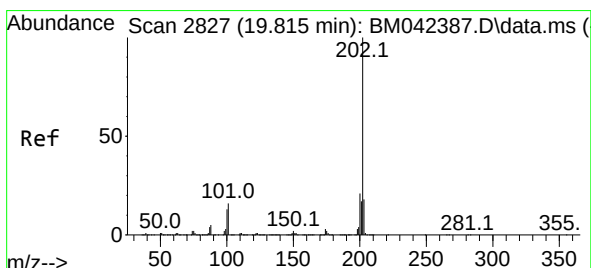
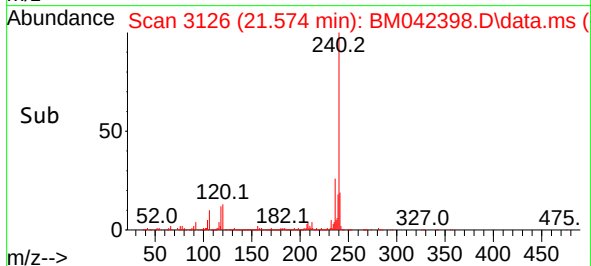
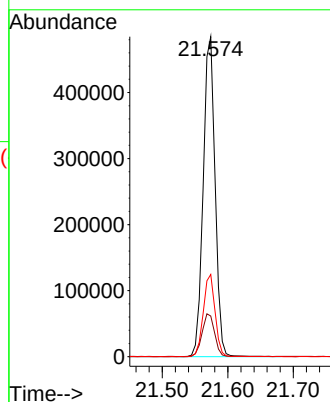
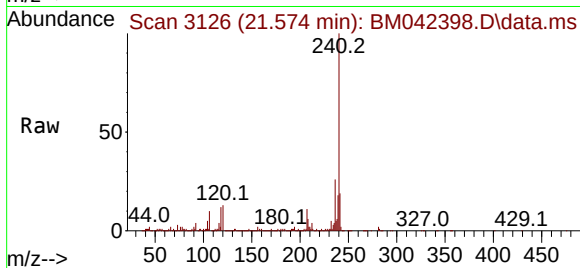
Tgt Ion:240 Resp: 612340

Ion Ratio Lower Upper

240 100

120 12.7 10.7 16.1

236 25.7 20.7 31.1



#78

Pyrene

Concen: 2.367 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042398.D

Acq: 23 Oct 2023 12:41

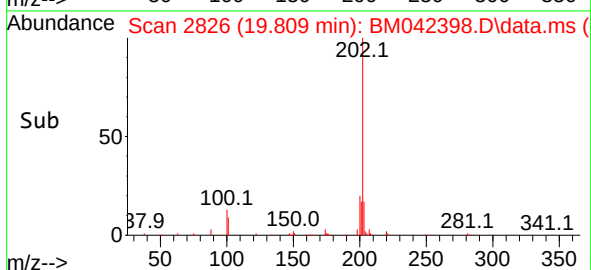
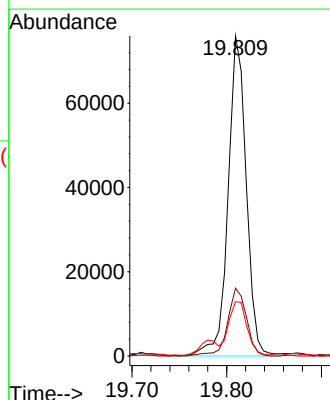
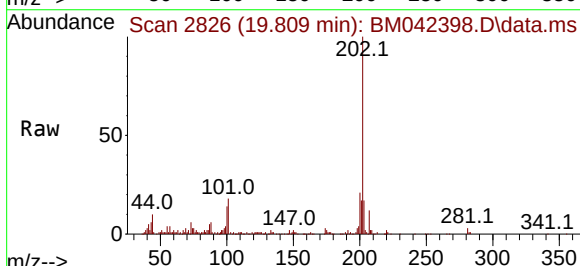
Tgt Ion:202 Resp: 101296

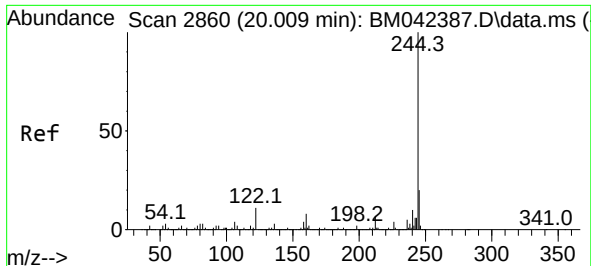
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 16.9 14.1 21.1

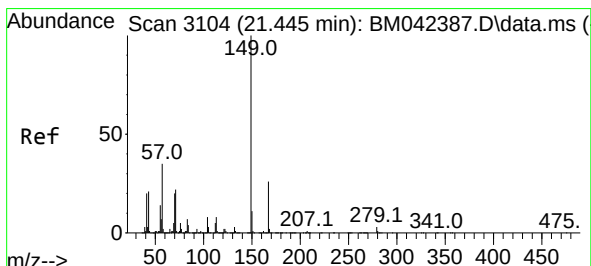
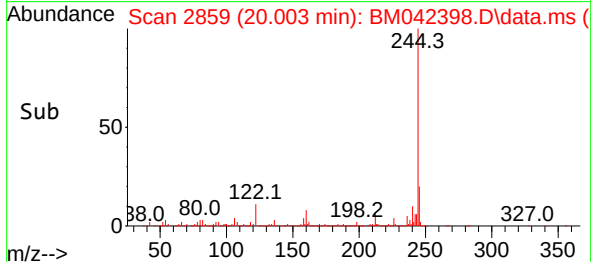
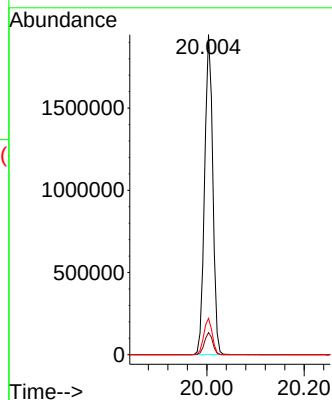
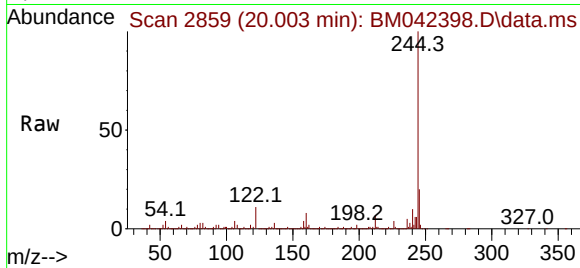




#79
 Terphenyl-d14
 Concen: 65.224 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042398.D
 Acq: 23 Oct 2023 12:41

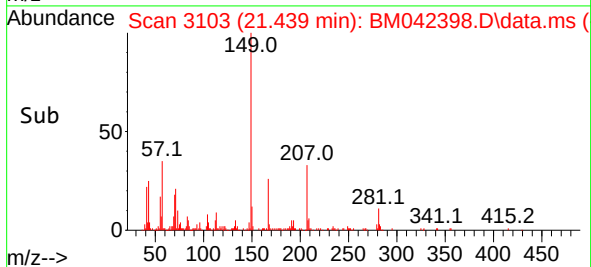
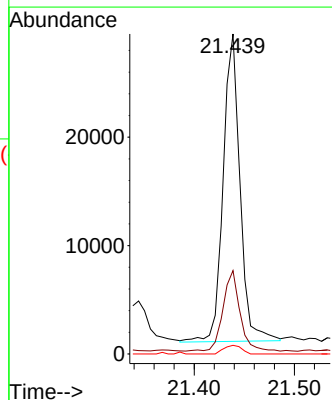
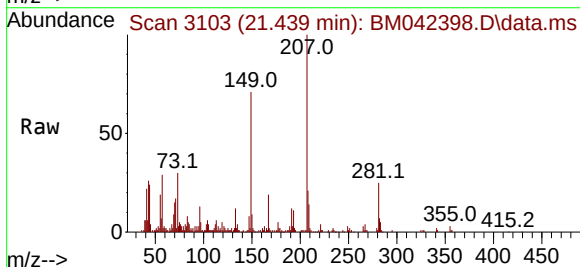
Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-05

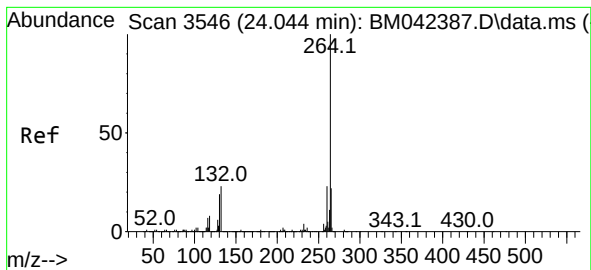
Tgt Ion:244 Resp: 2252014
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.4 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.484 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042398.D
 Acq: 23 Oct 2023 12:41

Tgt Ion:149 Resp: 33071
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.9 31.3
 279 2.7 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042398.D

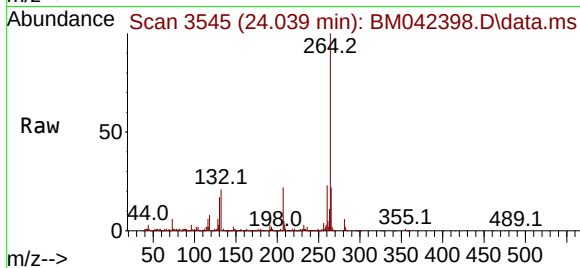
Acq: 23 Oct 2023 12:41

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-05



Tgt Ion:264 Resp: 666108

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.9 17.8 26.8

