

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042466.D
 Acq On : 26 Oct 2023 23:29
 Operator : MA/JU
 Sample : 04846-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WASTERE

Quant Time: Oct 27 00:47:55 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)

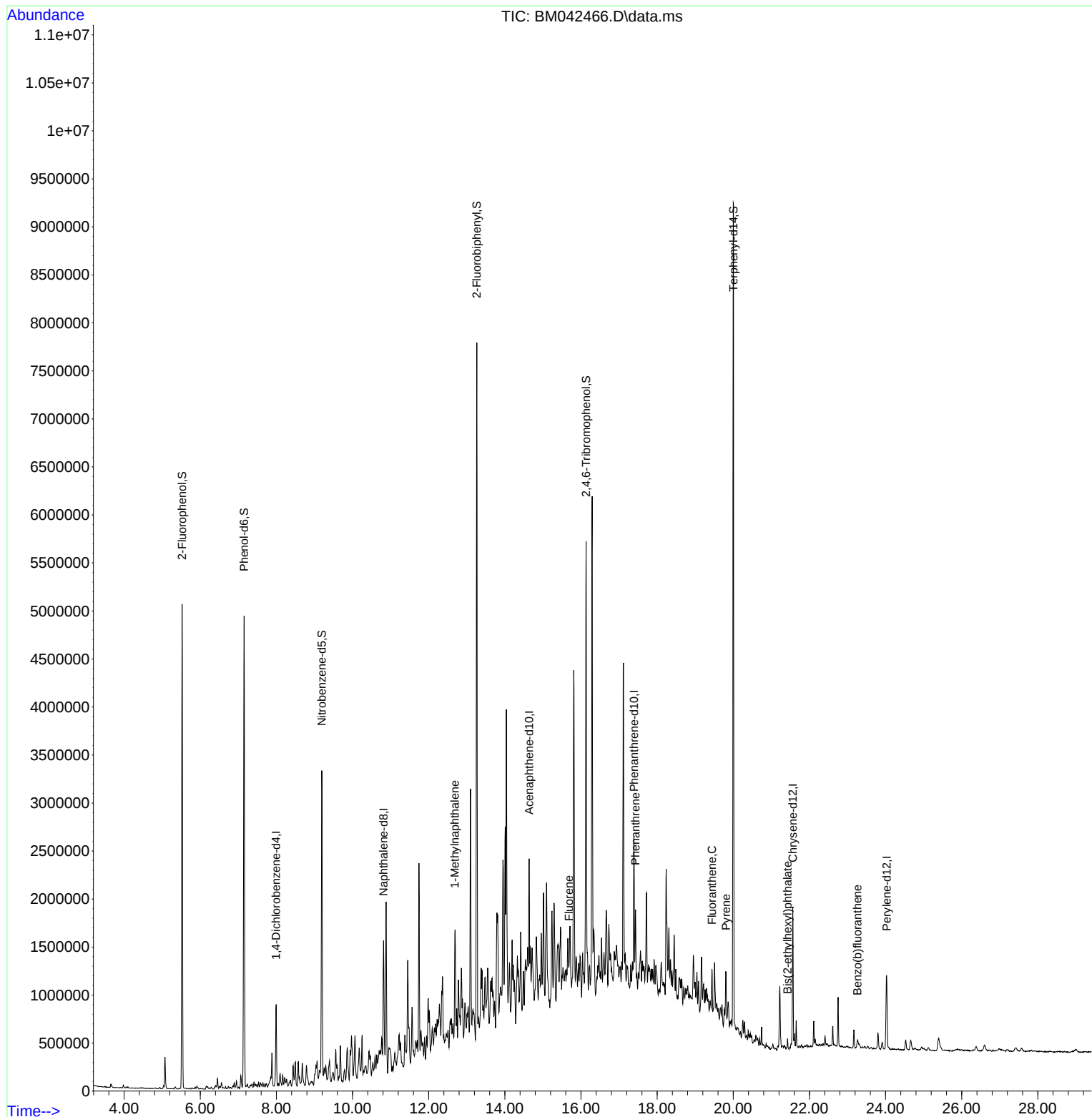
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	207526	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	847330	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	473096	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	918630	20.000	ng	0.00
76) Chrysene-d12	21.562	240	649173	20.000	ng	-0.02
86) Perylene-d12	24.027	264	600434	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2002241	136.359	ng	0.00
7) Phenol-d6	7.151	99	2718053	138.127	ng	0.00
23) Nitrobenzene-d5	9.192	82	1812257	94.576	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	888140	167.145	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3582557	101.973	ng	0.00
79) Terphenyl-d14	20.003	244	4466741	122.028	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.686	142	329605	12.009	ng	# 98
58) Fluorene	15.686	166	99190	2.957	ng	# 92
71) Phenanthrene	17.433	178	441880	8.842	ng	97
75) Fluoranthene	19.439	202	247464	4.496	ng	98
78) Pyrene	19.809	202	254965	5.620	ng	96
84) Bis(2-ethylhexyl)phtha...	21.427	149	31887	4.383	ng	# 94
88) Benzo(b)fluoranthene	23.262	252	81020	2.242	ng	# 94

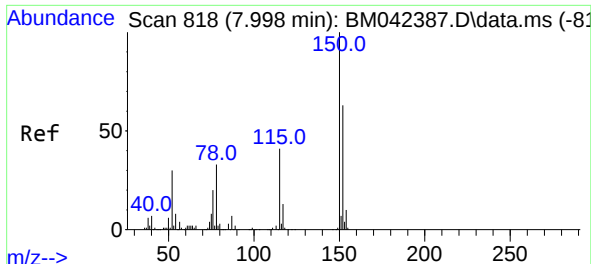
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
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WASTERE

Quant Time: Oct 27 00:47:55 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

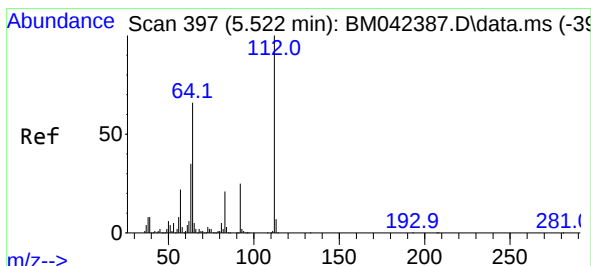
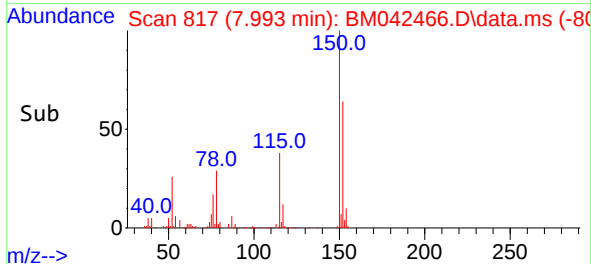
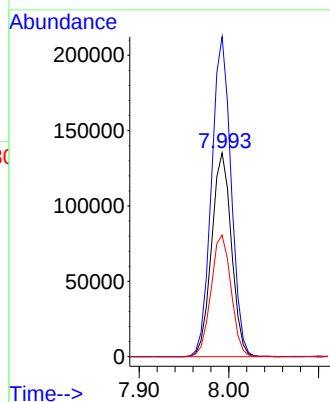
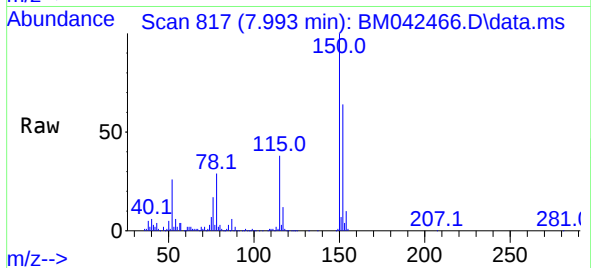




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

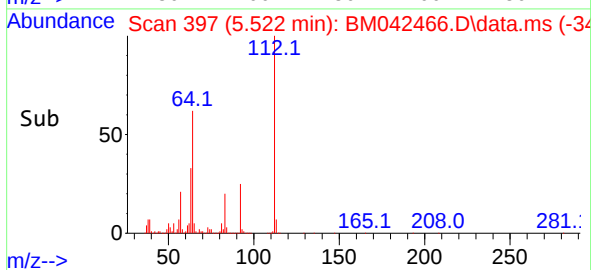
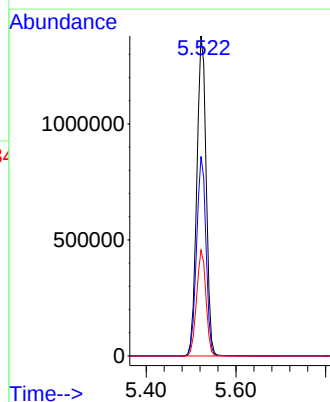
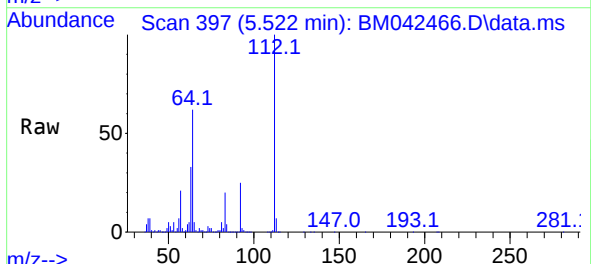
Instrument :
BNA_M
ClientSampleId :
WASTERE

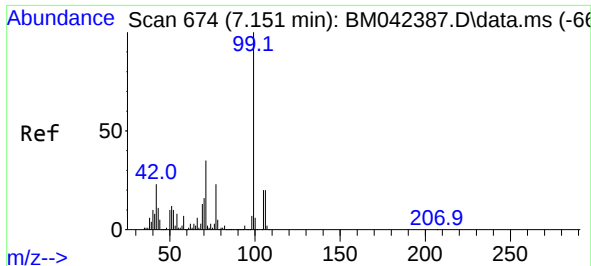
Tgt Ion:152 Resp: 207526
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 59.7 51.9 77.9



#5
2-Fluorophenol
Concen: 136.359 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:112 Resp: 2002241
Ion Ratio Lower Upper
112 100
64 62.3 52.7 79.1
63 33.1 28.3 42.5



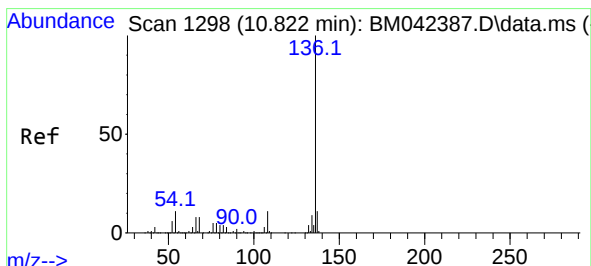
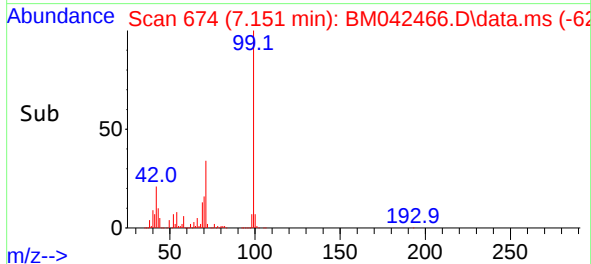
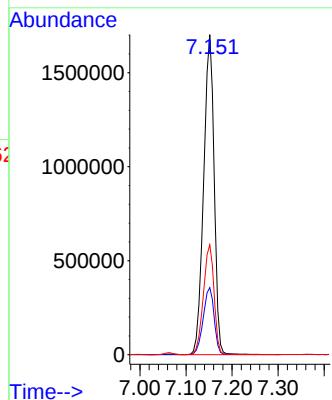
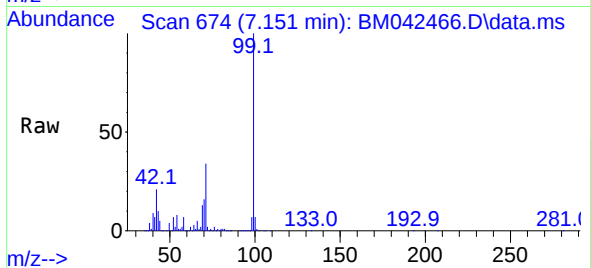


#7
Phenol-d6
Concen: 138.127 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Instrument :
BNA_M
ClientSampleId :
WASTERE

Tgt Ion: 99 Resp: 2718053

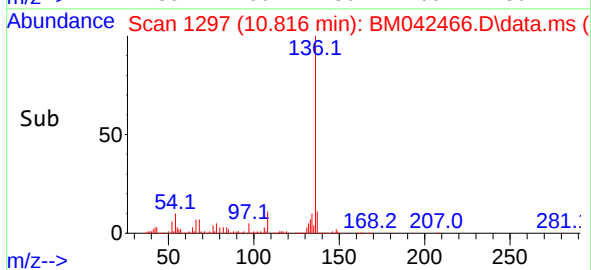
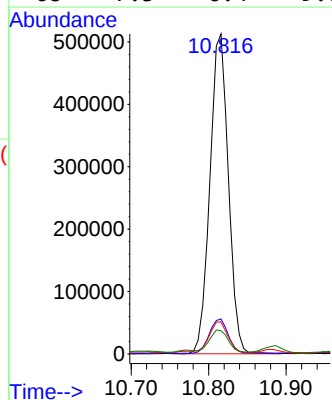
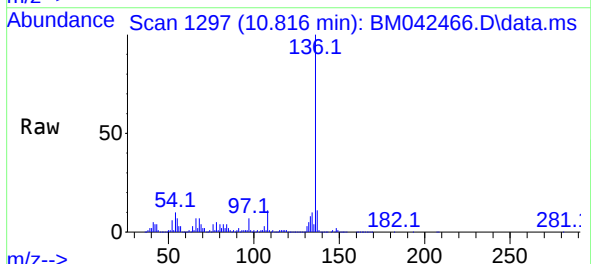
Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.5	27.7
71	34.4	27.7	41.5

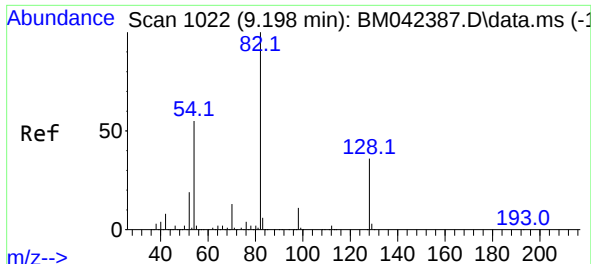


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion: 136 Resp: 847330

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.1	8.6	12.8
68	7.3	6.4	9.6

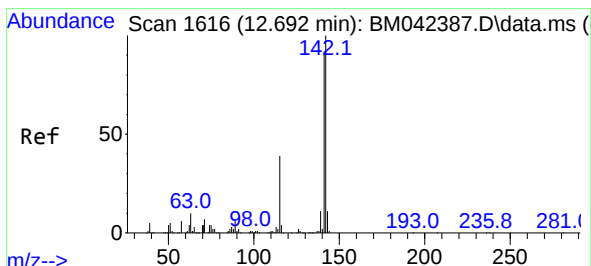
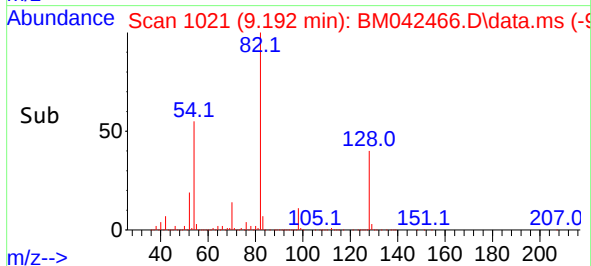
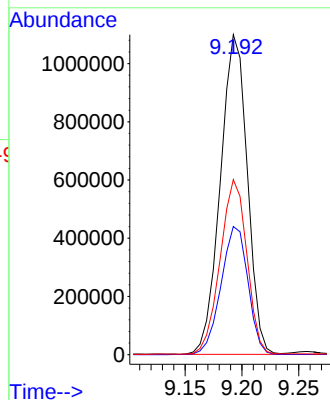
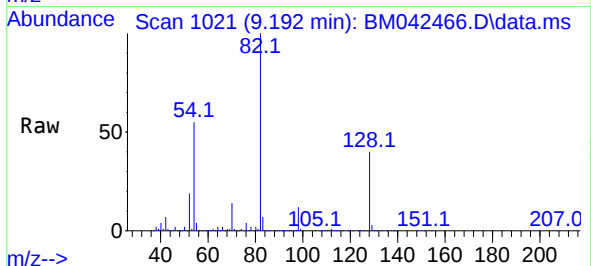




#23
Nitrobenzene-d5
Concen: 94.576 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

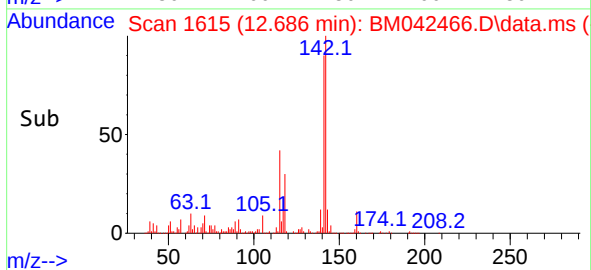
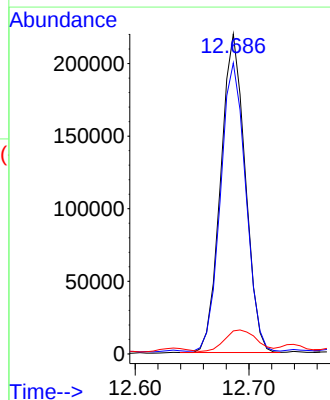
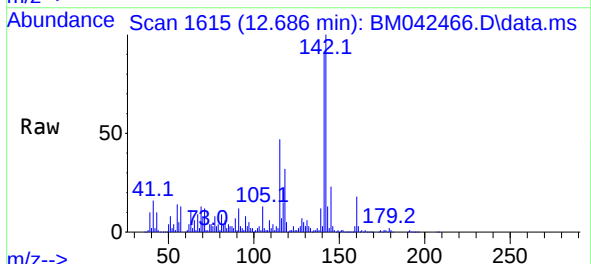
Instrument :
BNA_M
ClientSampleId :
WASTERE

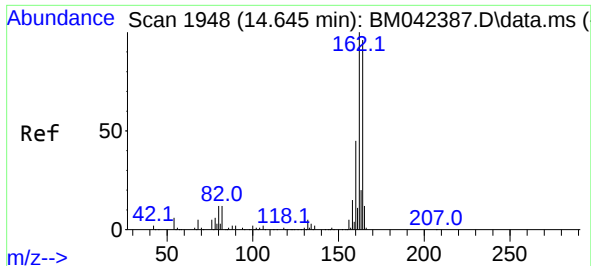
Tgt Ion: 82 Resp: 1812257
Ion Ratio Lower Upper
82 100
128 40.1 29.0 43.6
54 54.7 43.7 65.5



#38
1-Methylnaphthalene
Concen: 12.009 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion: 142 Resp: 329605
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 7.2 3.3 4.9#

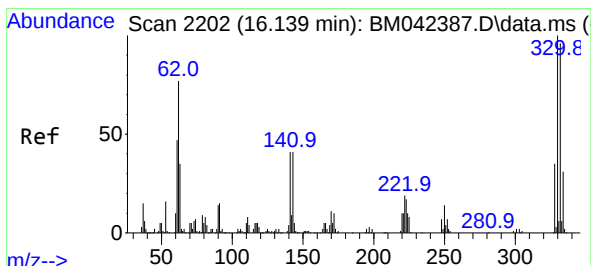
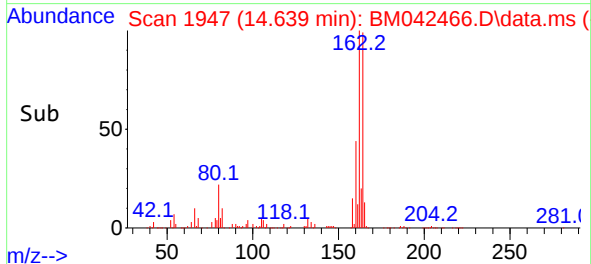
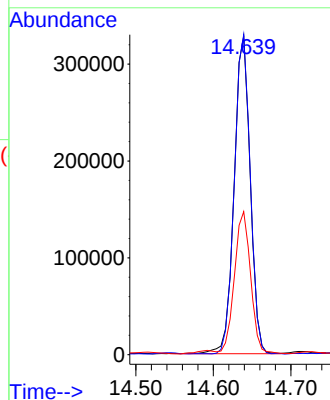
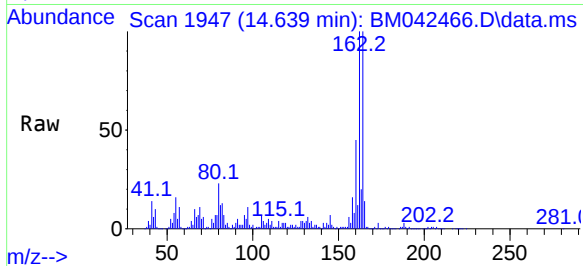




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

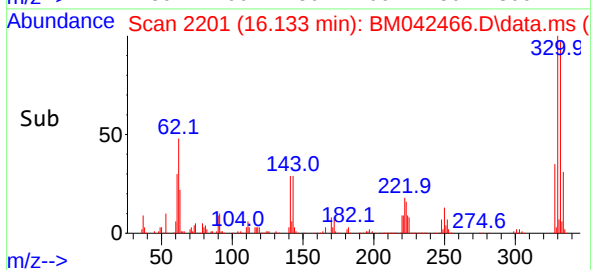
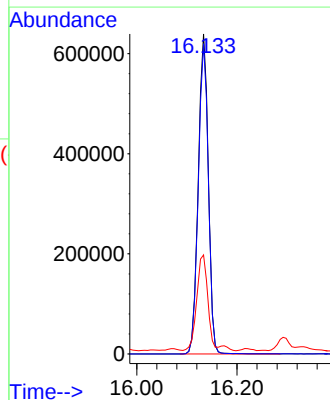
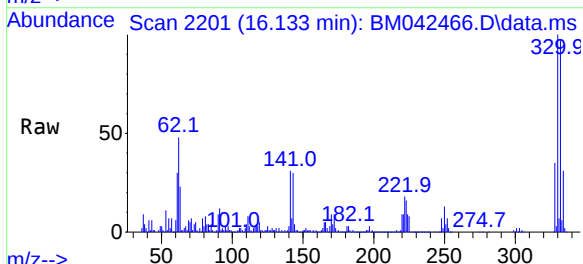
Instrument :
BNA_M
ClientSampleId :
WASTERE

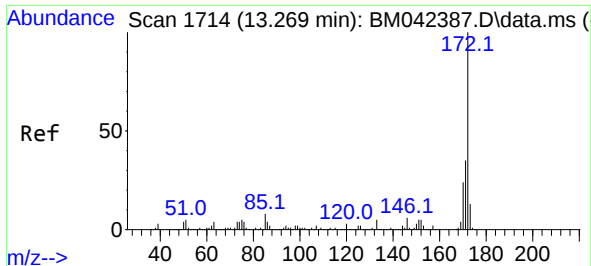
Tgt Ion:164 Resp: 473096
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.4
160 44.9 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 167.145 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:330 Resp: 888140
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.6 38.0 57.0#

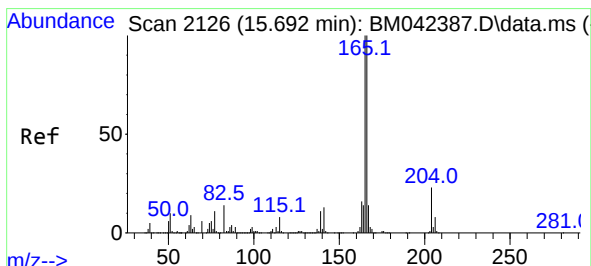
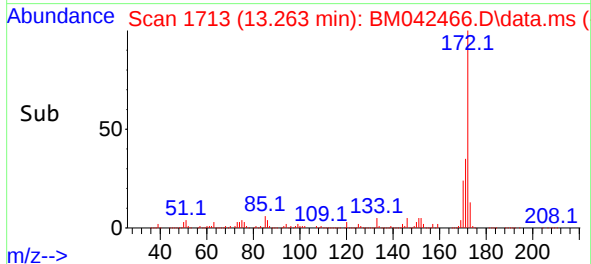
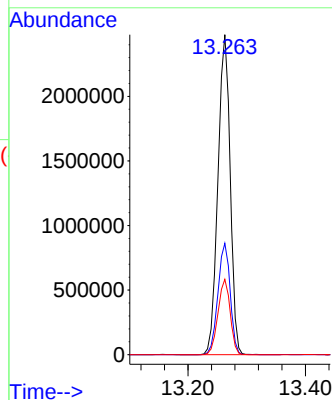
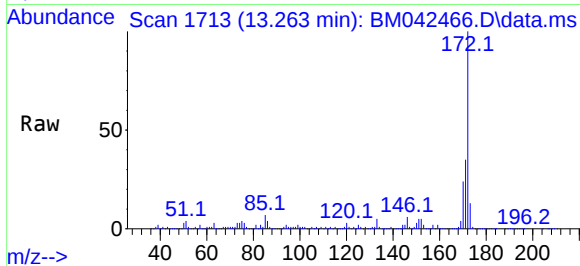




#45
2-Fluorobiphenyl
Concen: 101.973 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

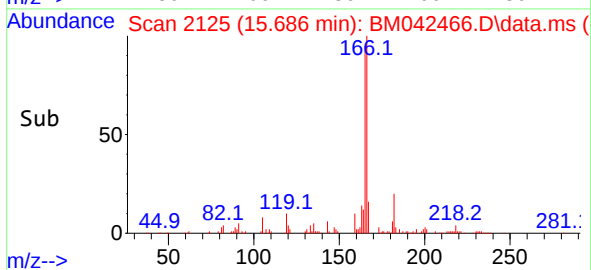
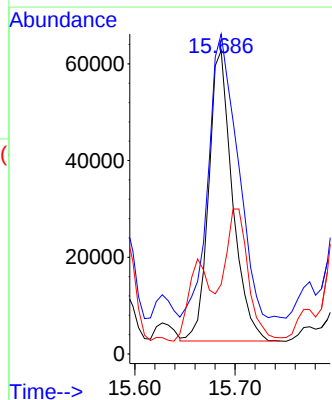
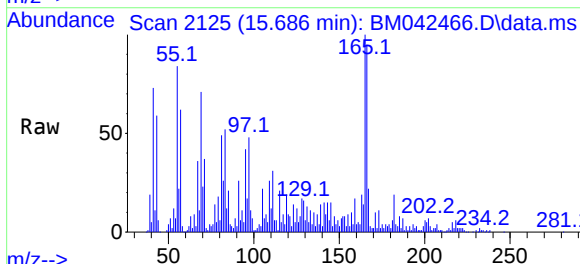
Instrument :
BNA_M
ClientSampleId :
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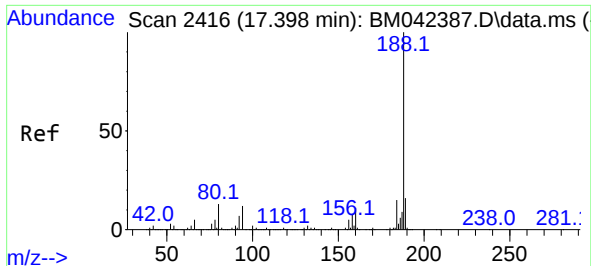
Tgt Ion:172 Resp: 3582557
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 18.9 28.3



#58
Fluorene
Concen: 2.957 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:166 Resp: 99190
Ion Ratio Lower Upper
166 100
165 105.5 79.6 119.4
167 22.9 10.9 16.3#

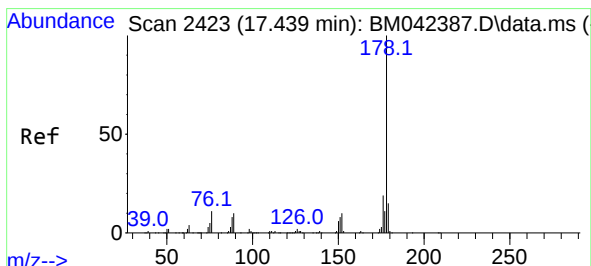
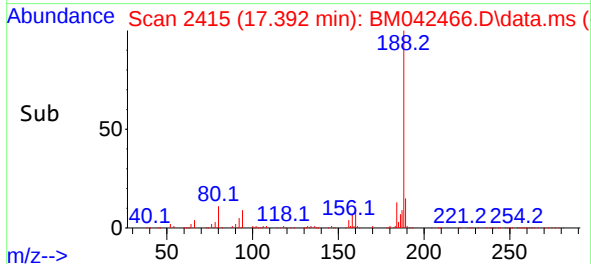
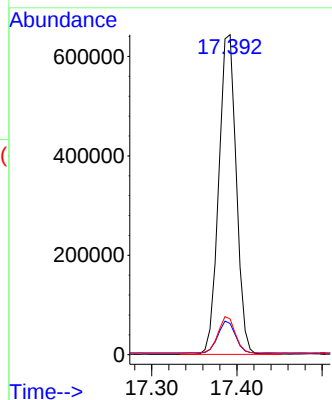
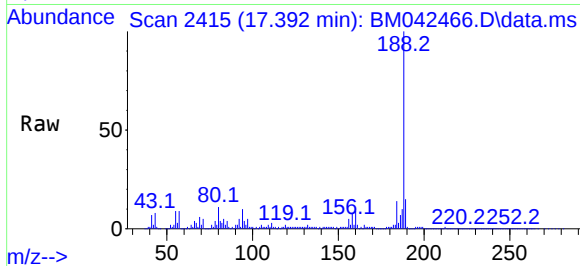




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

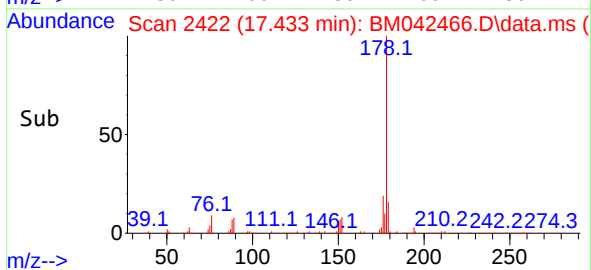
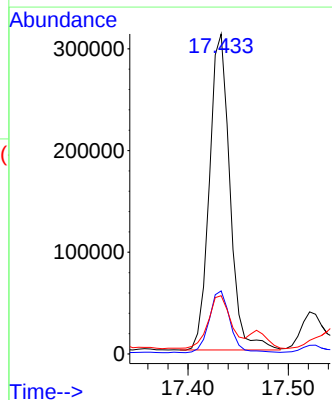
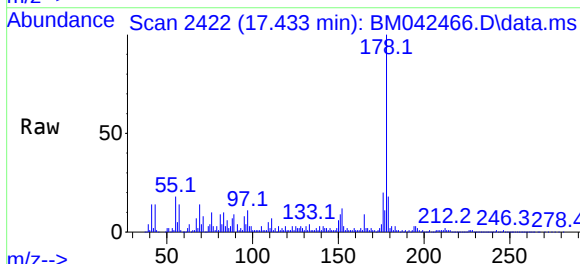
Instrument :
BNA_M
ClientSampleId :
WASTERE

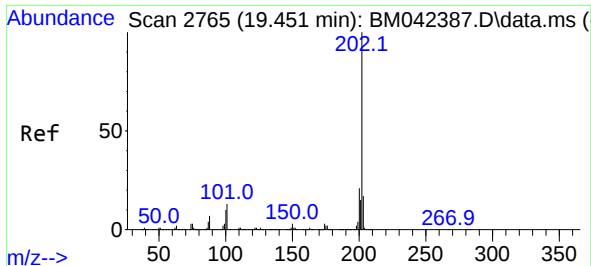
Tgt Ion:188 Resp: 918630
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 11.2 10.7 16.1



#71
Phenanthrene
Concen: 8.842 ng
RT: 17.433 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:178 Resp: 441880
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 18.2 12.3 18.5

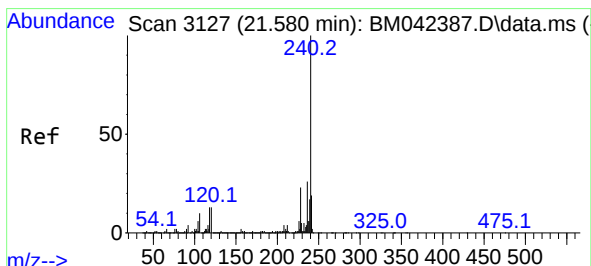
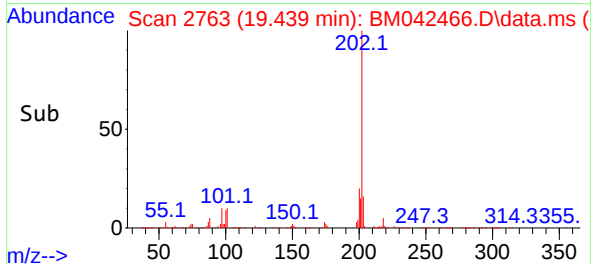
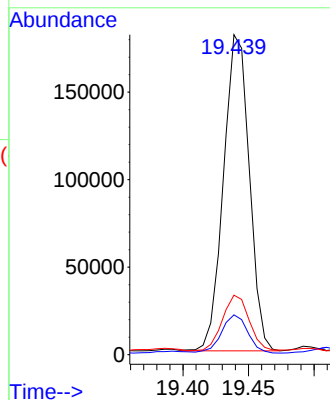
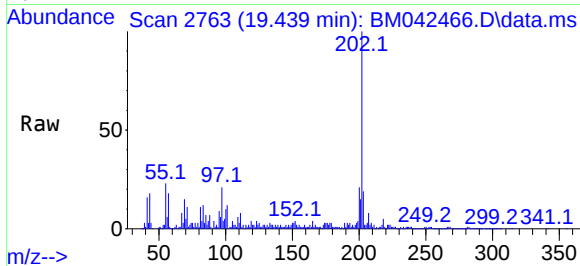




#75
Fluoranthene
Concen: 4.496 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

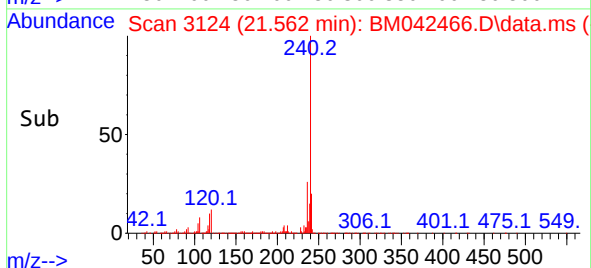
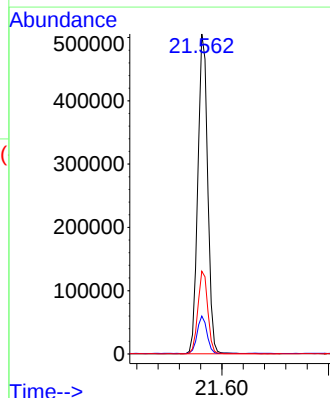
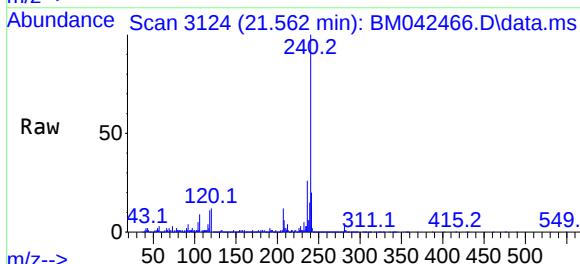
Instrument :
BNA_M
ClientSampleId :
WASTERE

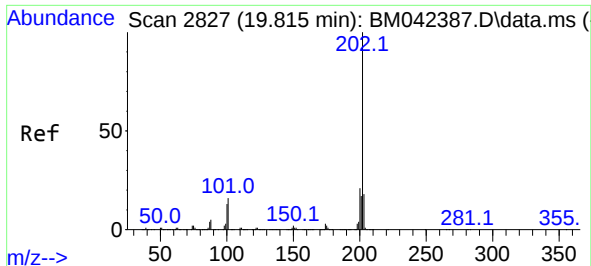
Tgt Ion:202 Resp: 247464
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.3
203 18.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3124
Delta R.T. -0.018 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:240 Resp: 649173
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 25.9 20.7 31.1

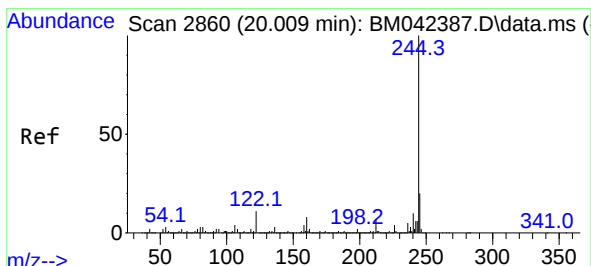
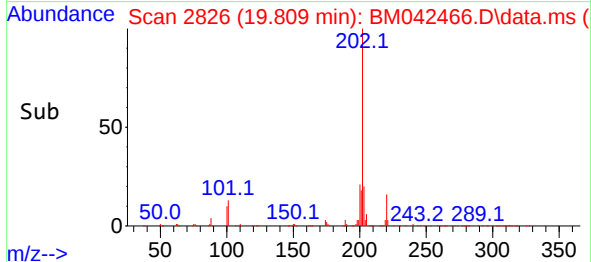
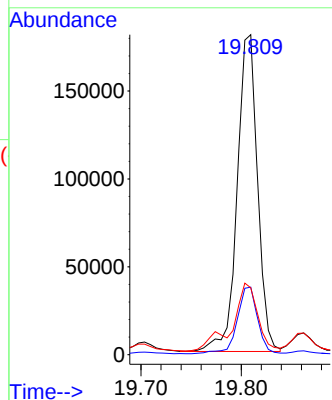
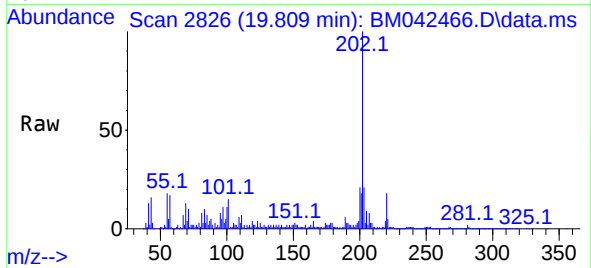




#78
Pyrene
Concen: 5.620 ng
RT: 19.809 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

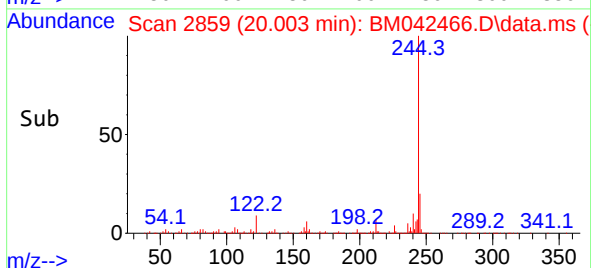
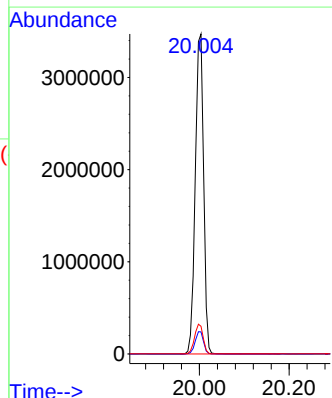
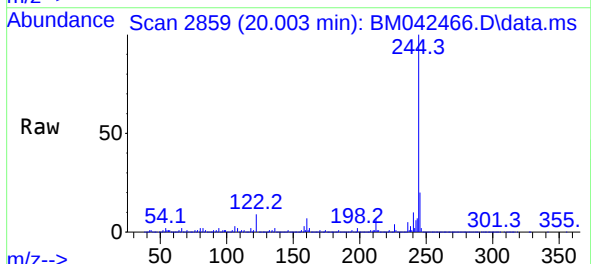
Instrument :
BNA_M
ClientSampleId :
WASTERE

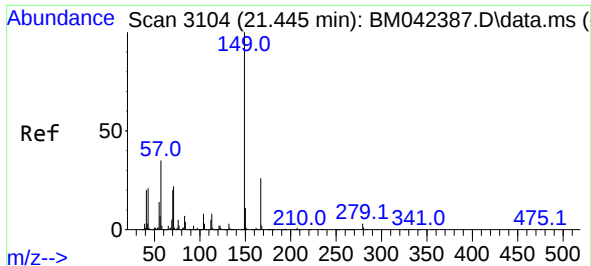
Tgt Ion:202 Resp: 254965
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 20.9 14.1 21.1



#79
Terphenyl-d14
Concen: 122.028 ng
RT: 20.003 min Scan# 2859
Delta R.T. -0.006 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:244 Resp: 4466741
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 8.7 8.8 13.2#

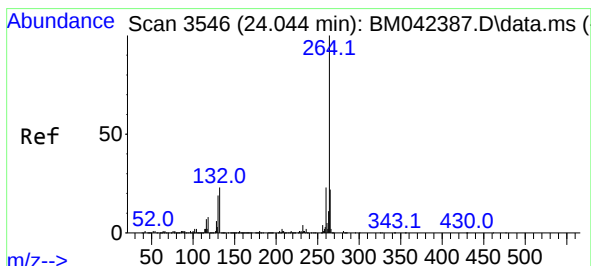
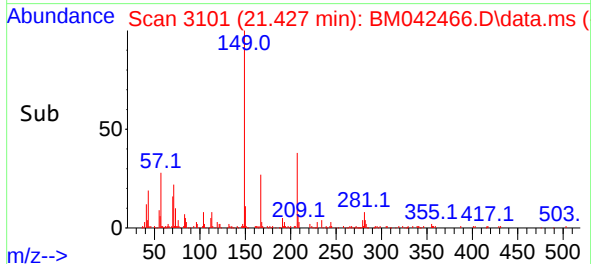
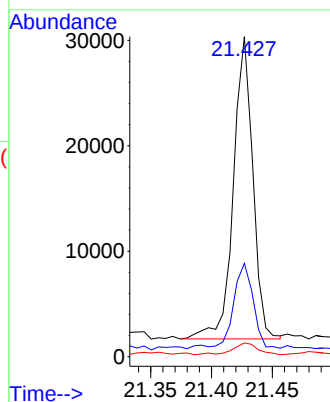
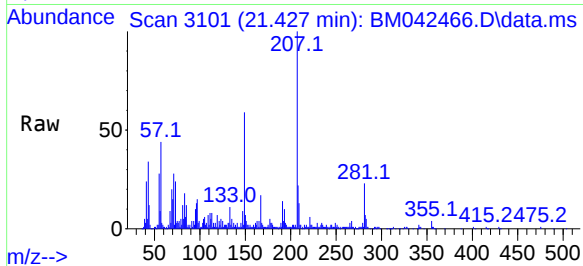




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.383 ng
RT: 21.427 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

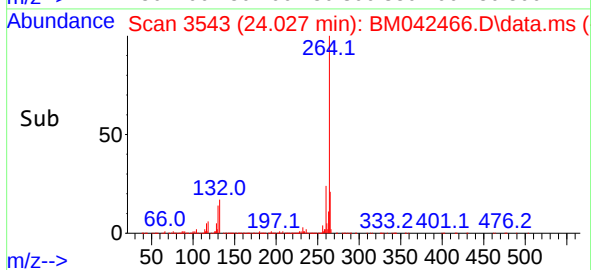
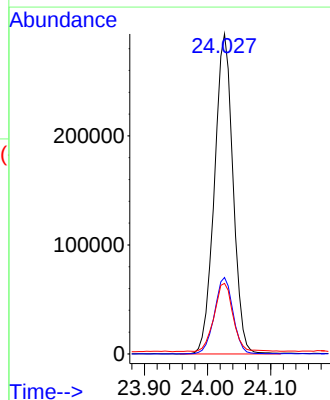
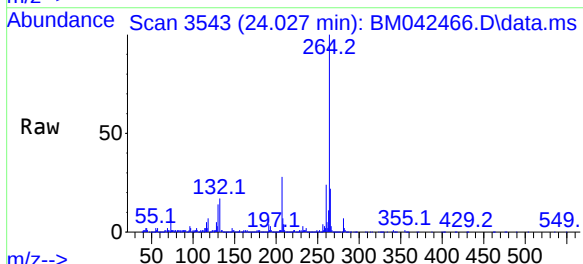
Instrument :
BNA_M
ClientSampleId :
WASTERE

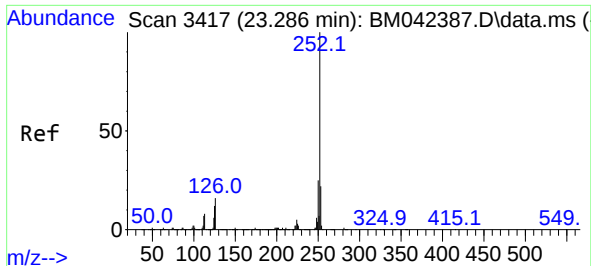
Tgt Ion:149 Resp: 31887
Ion Ratio Lower Upper
149 100
167 29.1 20.9 31.3
279 4.3 2.7 4.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Tgt Ion:264 Resp: 600434
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.0 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 2.242 ng
RT: 23.262 min Scan# 3417
Delta R.T. -0.023 min
Lab File: BM042466.D
Acq: 26 Oct 2023 23:29

Instrument :
BNA_M
ClientSampleId :
WASTERE

Tgt Ion:252 Resp: 81020
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 18.4 9.8 14.8#

