

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042443.D
 Acq On : 25 Oct 2023 18:26
 Operator : MA/JU
 Sample : 05001-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 486-WC-COMP

Quant Time: Oct 26 01:23:06 2023
 Quant Title :
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

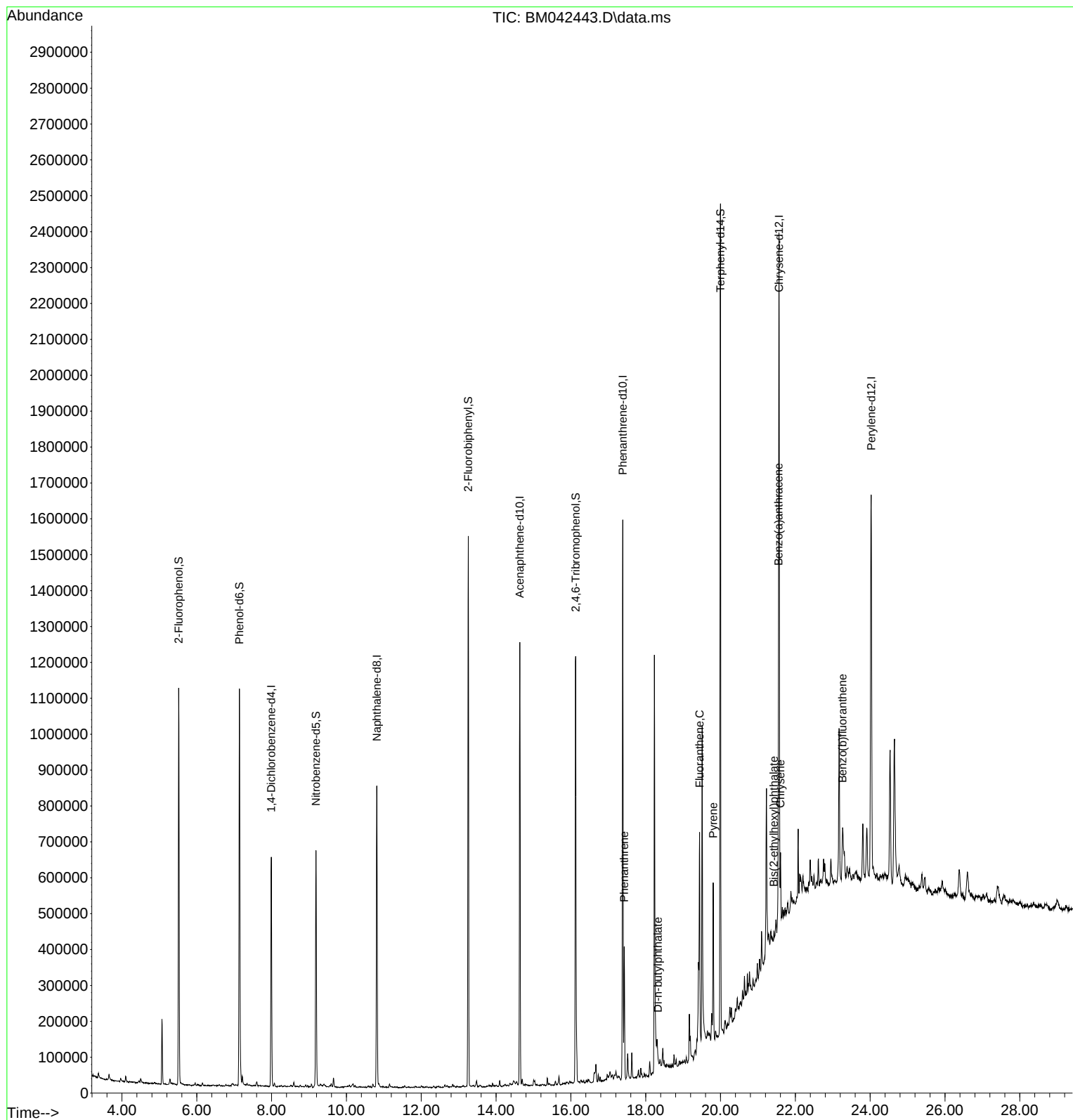
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	159007	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	655743	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	397328	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	863274	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	797961	20.000	ng	-0.02
86) Perylene-d12	24.027	264	827821	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	430745	38.286	ng	0.00
7) Phenol-d6	7.140	99	582600	38.641	ng	-0.01
23) Nitrobenzene-d5	9.187	82	362939	24.475	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	196043	50.744	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	729569	24.726	ng	-0.01
79) Terphenyl-d14	19.998	244	1080393	24.012	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.427	178	197424	4.204	ng	99
74) Di-n-butylphthalate	18.327	149	4967	2.902	ng	# 96
75) Fluoranthene	19.439	202	308956	5.973	ng	98
78) Pyrene	19.804	202	241799	4.336	ng	99
81) Benzo(a)anthracene	21.550	228	124609	2.329	ng	99
83) Chrysene	21.603	228	108352	2.109	ng	96
84) Bis(2-ethylhexyl)phtha...	21.427	149	8902	3.599	ng	# 92
88) Benzo(b)fluoranthene	23.262	252	124413	2.497	ng	# 94

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

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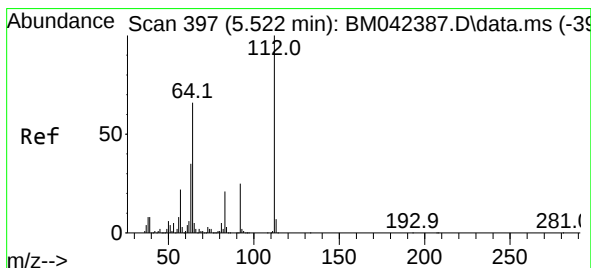
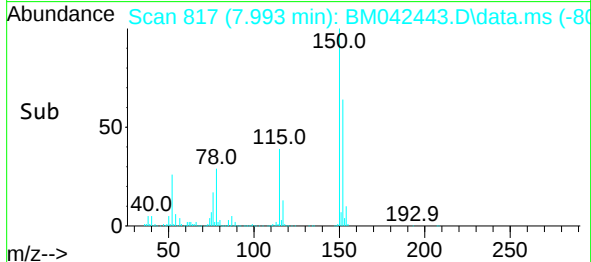
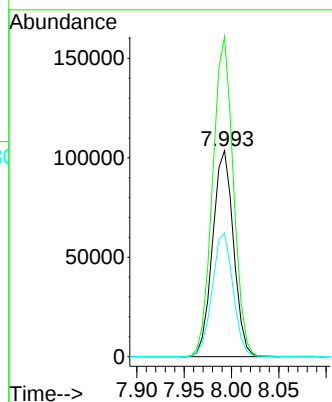
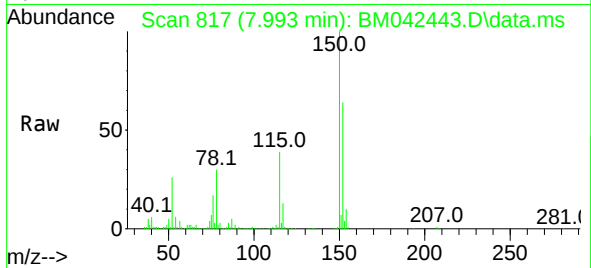




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

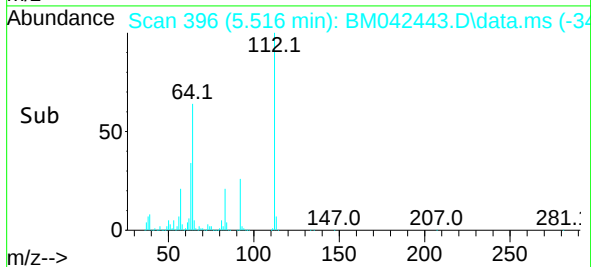
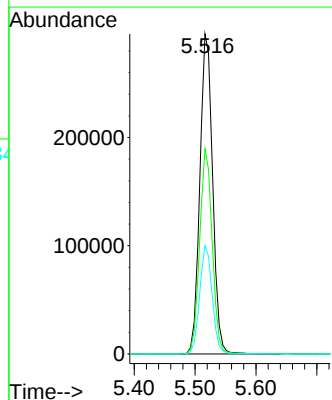
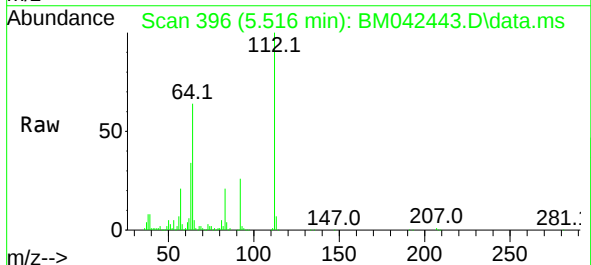
Instrument :
BNA_M
ClientSampleId :
486-WC-COMP

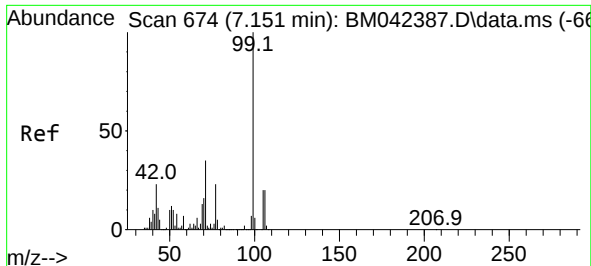
Tgt Ion:152 Resp: 159007
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.4
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 38.286 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

Tgt Ion:112 Resp: 430745
Ion Ratio Lower Upper
112 100
64 64.1 52.7 79.1
63 33.9 28.3 42.5

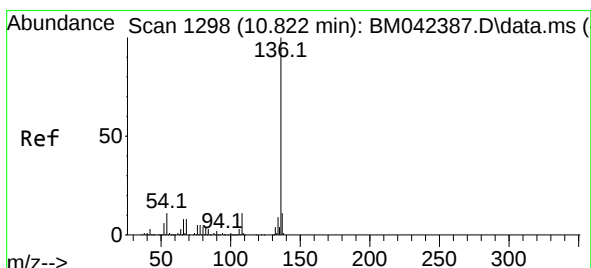
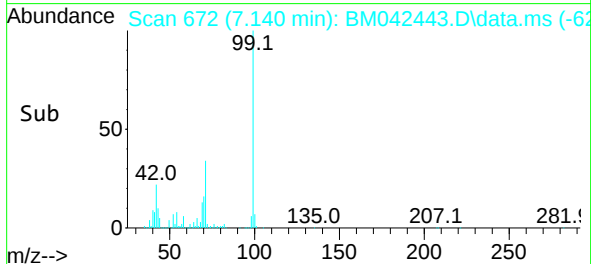
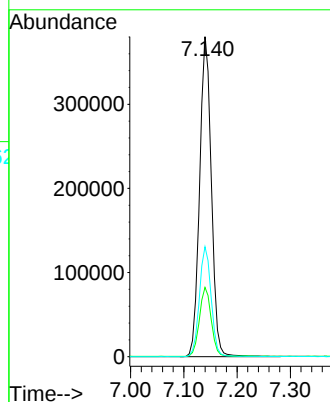
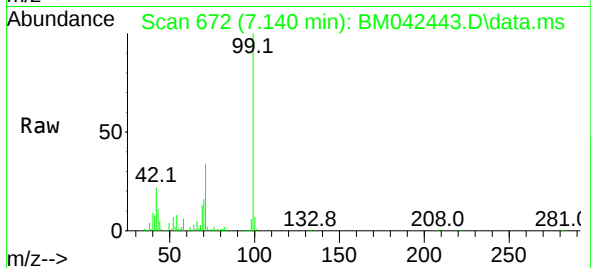




#7
Phenol-d6
Concen: 38.641 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

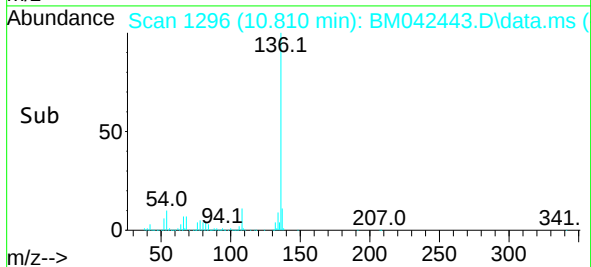
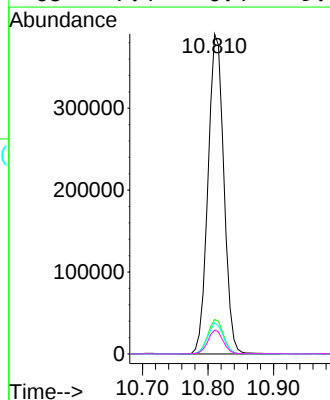
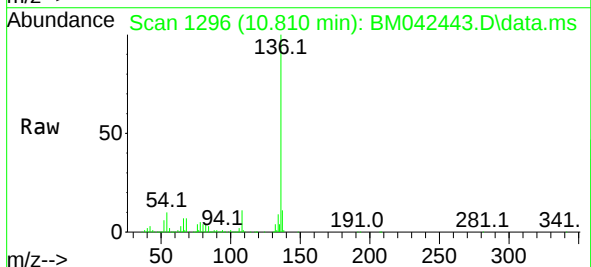
Instrument :
BNA_M
ClientSampleId :
486-WC-COMP

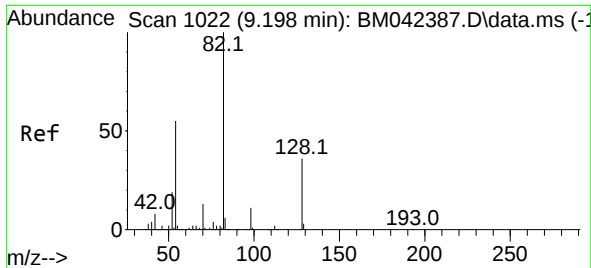
Tgt Ion: 99 Resp: 582600
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

Tgt Ion: 136 Resp: 655743
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.8 8.6 12.8
68 7.4 6.4 9.6

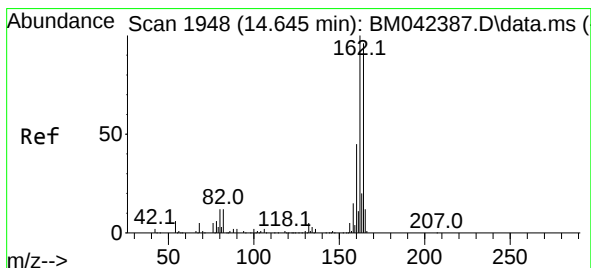
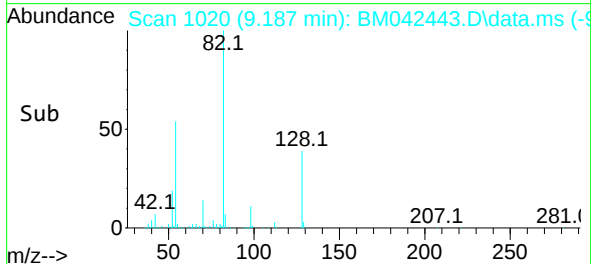
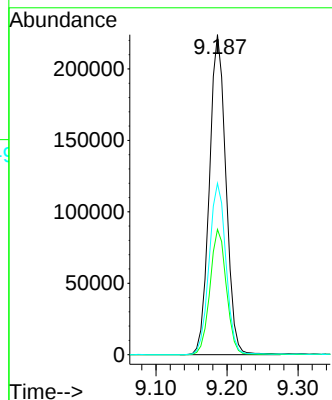
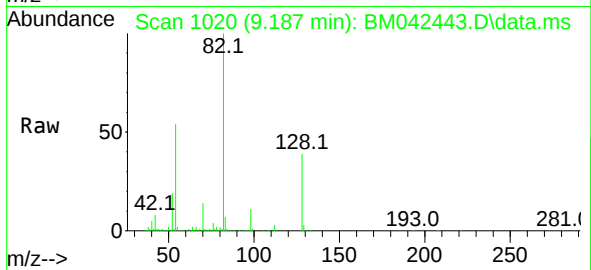




#23
Nitrobenzene-d5
Concen: 24.475 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

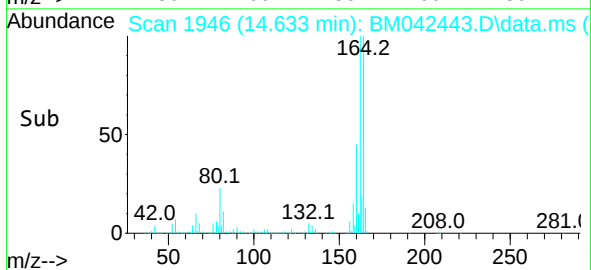
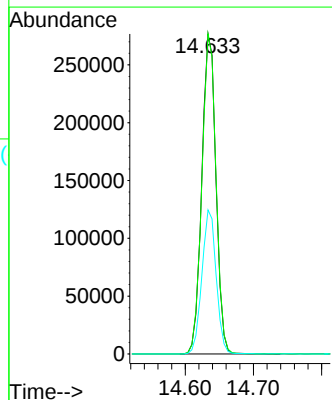
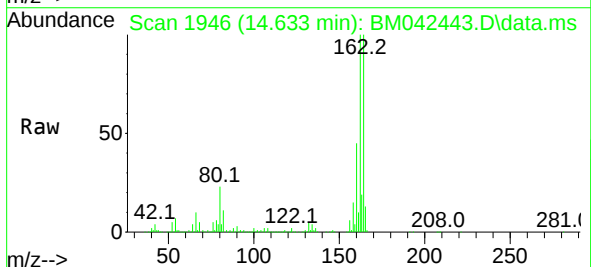
Instrument :
BNA_M
ClientSampleId :
486-WC-COMP

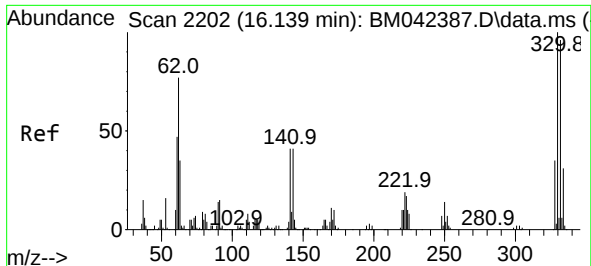
Tgt Ion: 82 Resp: 362939
Ion Ratio Lower Upper
82 100
128 39.1 29.0 43.6
54 53.5 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

Tgt Ion: 164 Resp: 397328
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.4
160 45.0 37.0 55.4

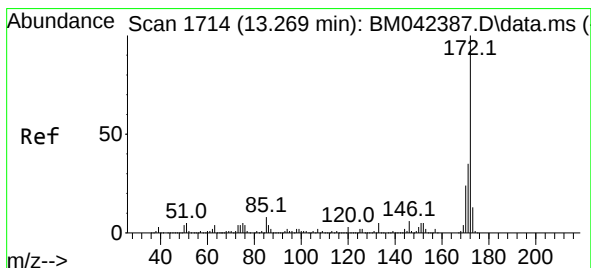
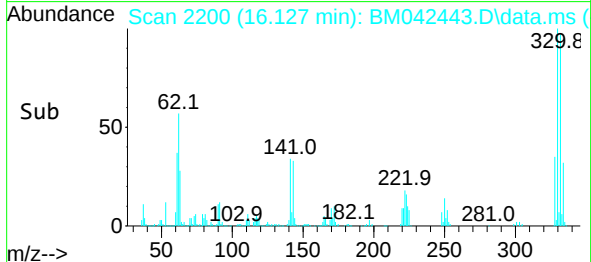
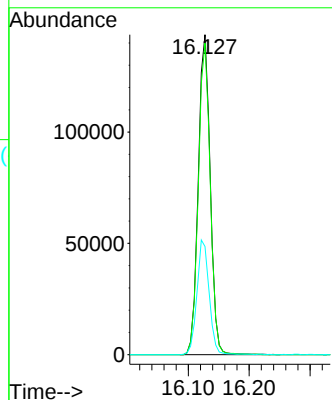
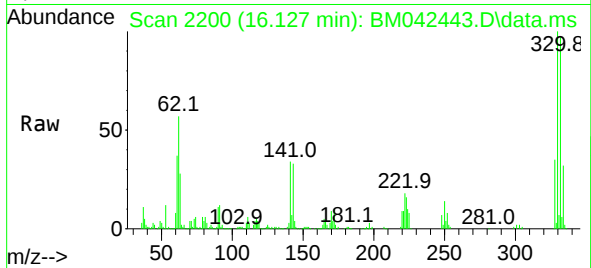




#42
2,4,6-Tribromophenol
Concen: 50.744 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

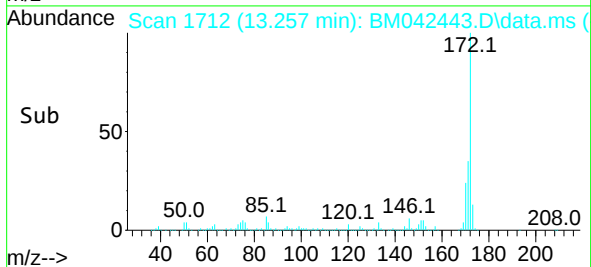
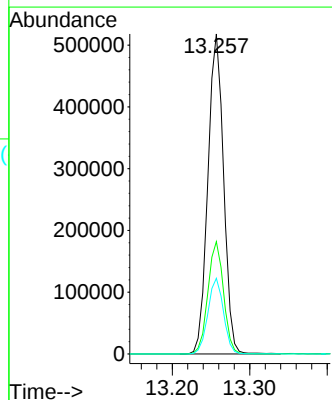
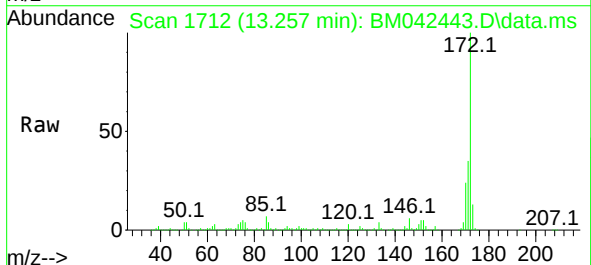
Instrument :
BNA_M
ClientSampleId :
486-WC-COMP

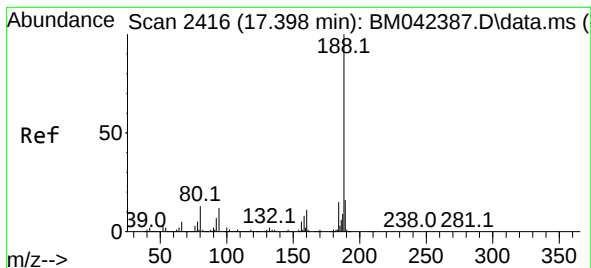
Tgt Ion:330 Resp: 196043
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 36.7 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 24.726 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042443.D
Acq: 25 Oct 2023 18:26

Tgt Ion:172 Resp: 729569
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Instrument :

BNA_M

ClientSampleId :

486-WC-COMP

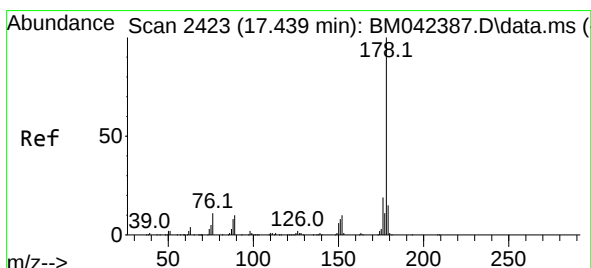
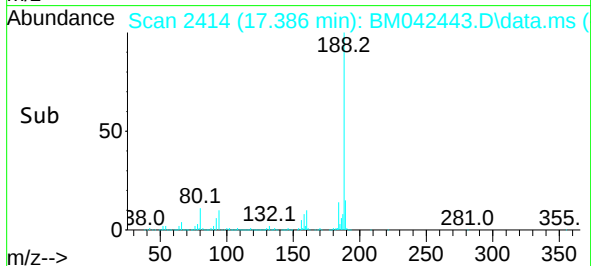
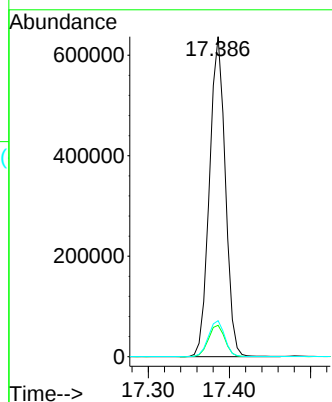
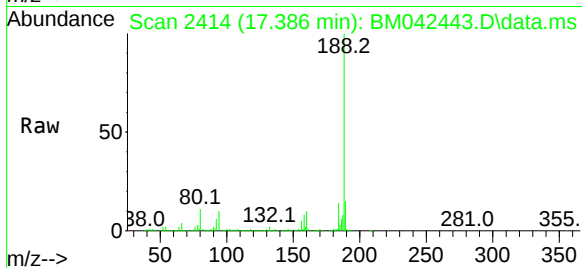
Tgt Ion:188 Resp: 863274

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.0

80 11.2 10.7 16.1



#71

Phenanthrene

Concen: 4.204 ng

RT: 17.427 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

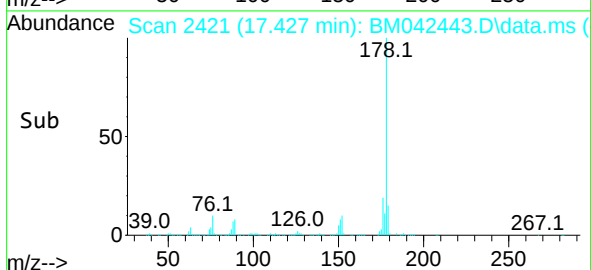
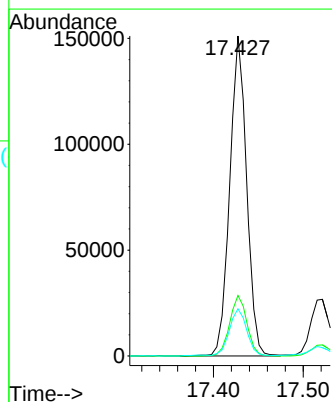
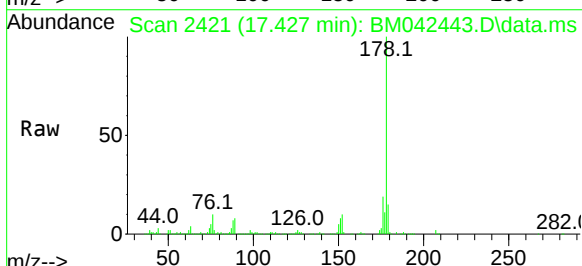
Tgt Ion:178 Resp: 197424

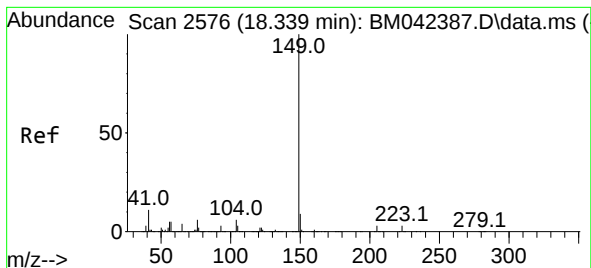
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 14.8 12.3 18.5





#74

Di-n-butylphthalate

Concen: 2.902 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Instrument :

BNA_M

ClientSampleId :

486-WC-COMP

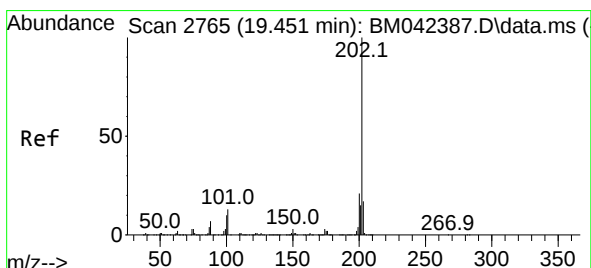
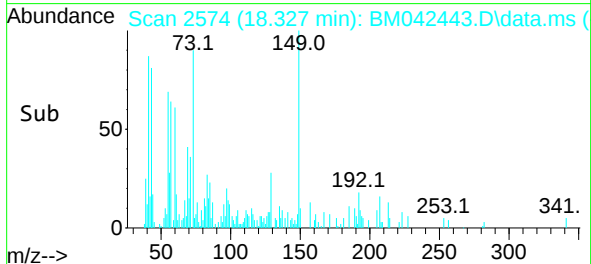
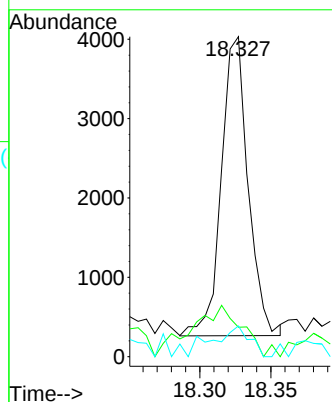
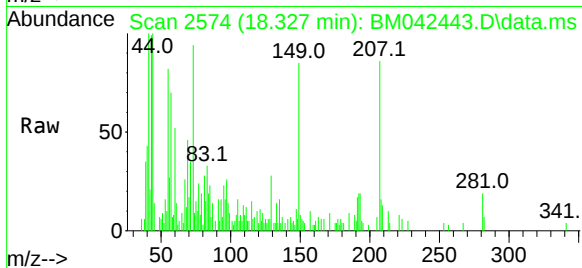
Tgt Ion:149 Resp: 4967

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 9.6 4.6 7.0#



#75

Fluoranthene

Concen: 5.973 ng

RT: 19.439 min Scan# 2763

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

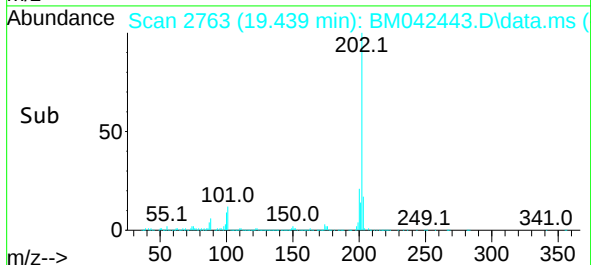
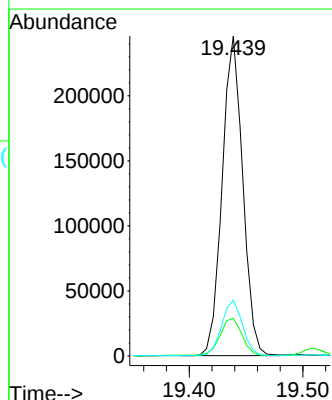
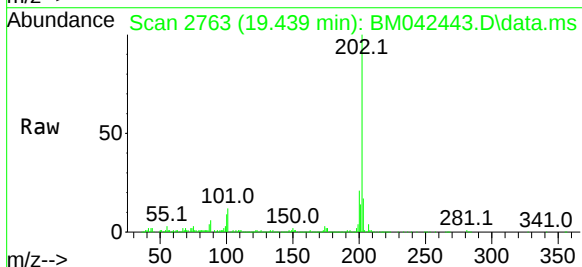
Tgt Ion:202 Resp: 308956

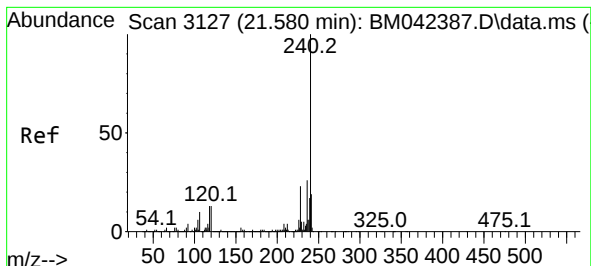
Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

203 17.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

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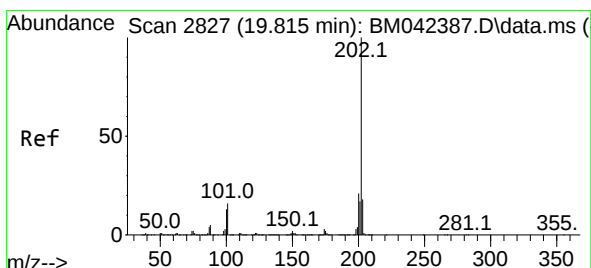
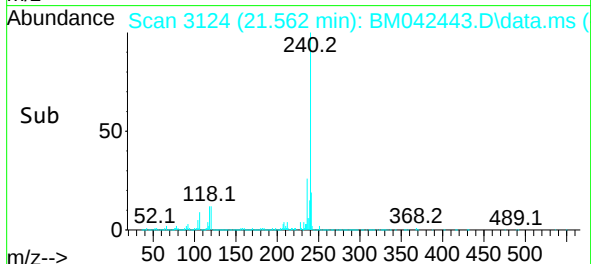
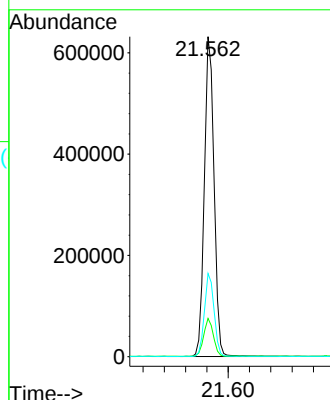
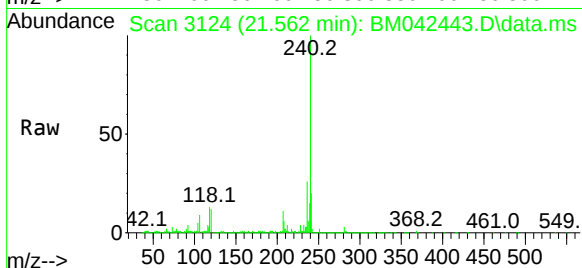
Tgt Ion:240 Resp: 797961

Ion Ratio Lower Upper

240 100

120 11.9 10.7 16.1

236 26.0 20.7 31.1



#78

Pyrene

Concen: 4.336 ng

RT: 19.804 min Scan# 2825

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

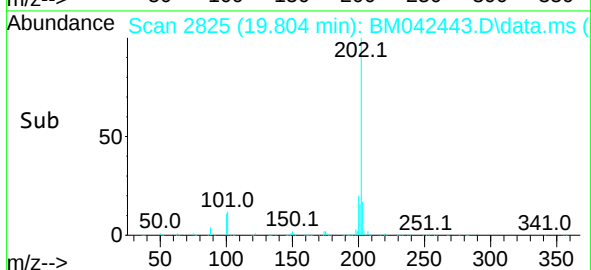
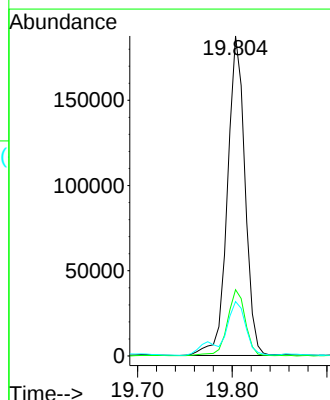
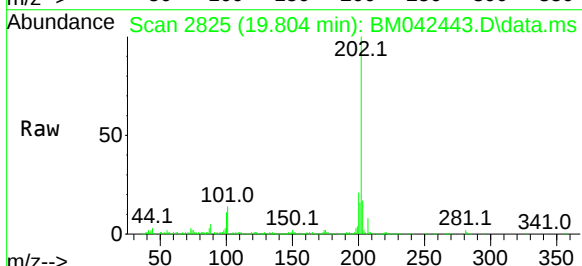
Tgt Ion:202 Resp: 241799

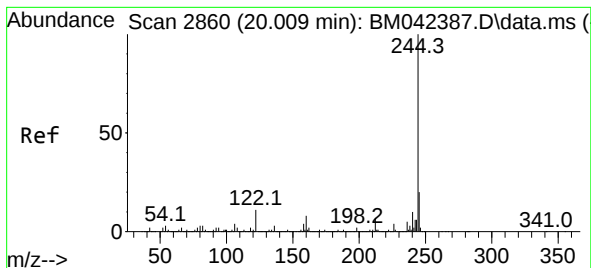
Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 24.012 ng

RT: 19.998 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Instrument :

BNA_M

ClientSampleId :

486-WC-COMP

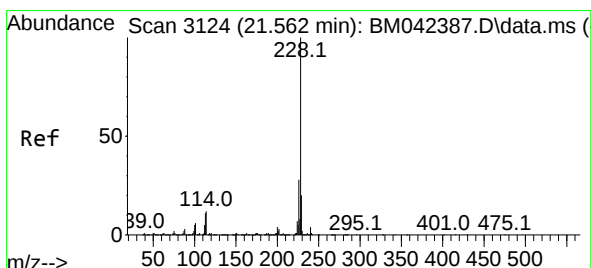
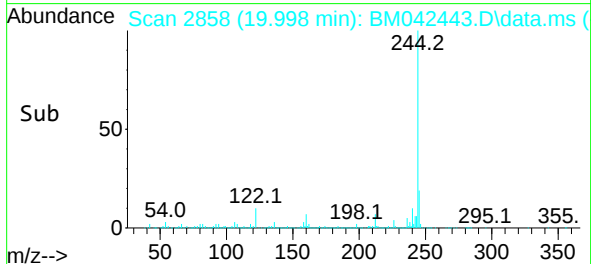
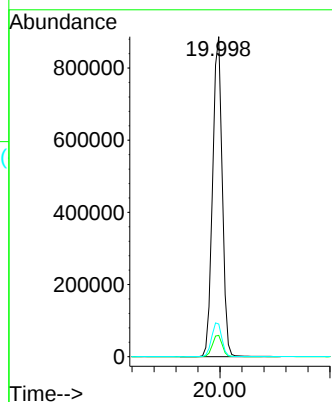
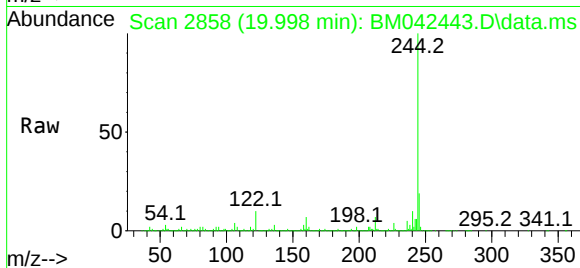
Tgt Ion:244 Resp: 1080393

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.2 8.8 13.2



#81

Benzo(a)anthracene

Concen: 2.329 ng

RT: 21.550 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

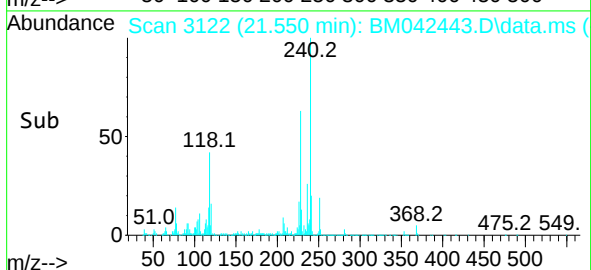
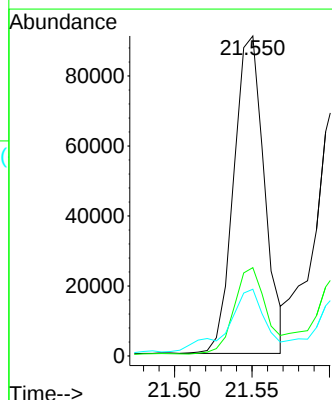
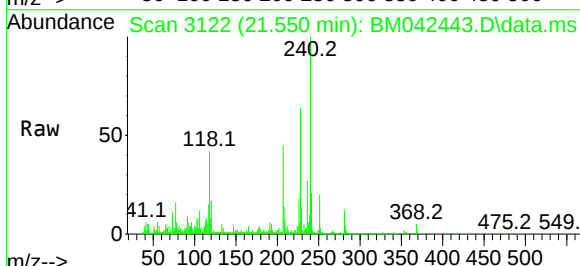
Tgt Ion:228 Resp: 124609

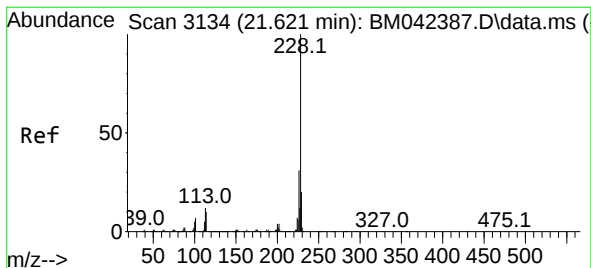
Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.8 15.7 23.5





#83

Chrysene

Concen: 2.109 ng

RT: 21.603 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Instrument :

BNA_M

ClientSampleId :

486-WC-COMP

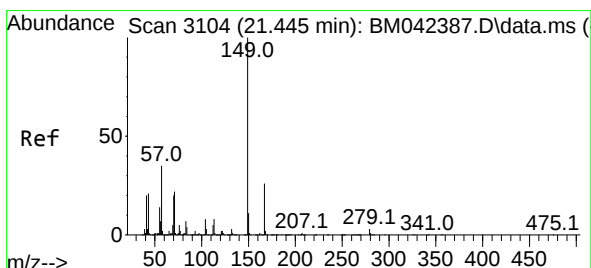
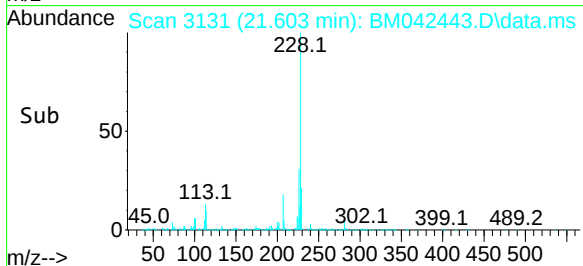
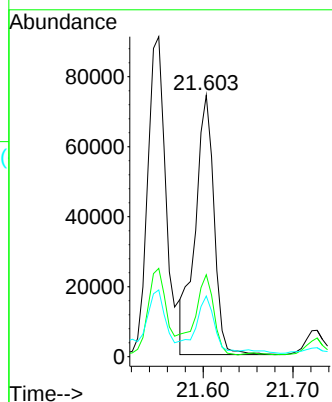
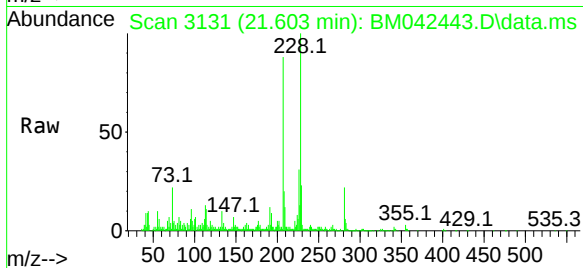
Tgt Ion:228 Resp: 108352

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

229 23.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.599 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.018 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

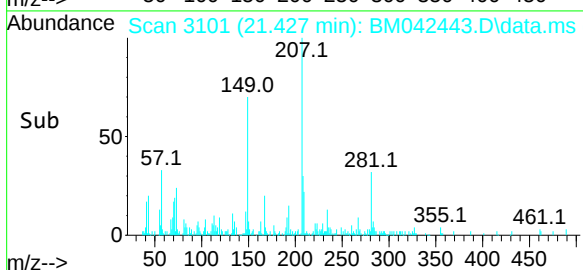
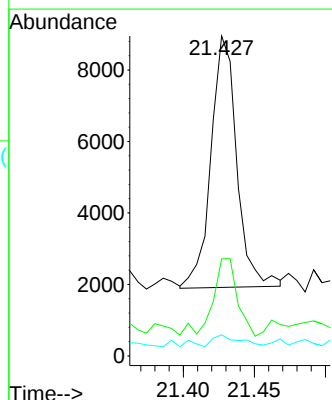
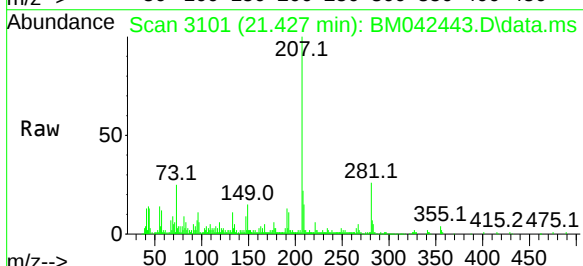
Tgt Ion:149 Resp: 8902

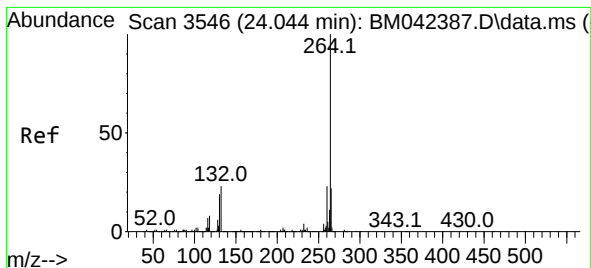
Ion Ratio Lower Upper

149 100

167 30.3 20.9 31.3

279 6.6 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Instrument :

BNA_M

ClientSampleId :

486-WC-COMP

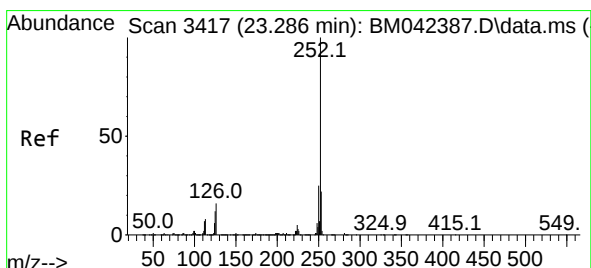
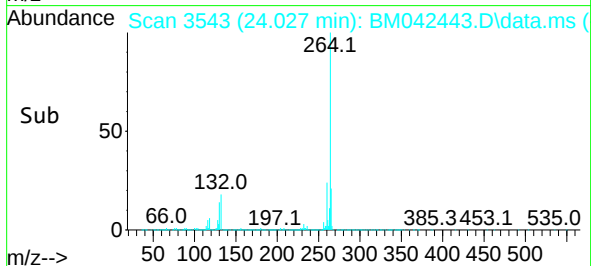
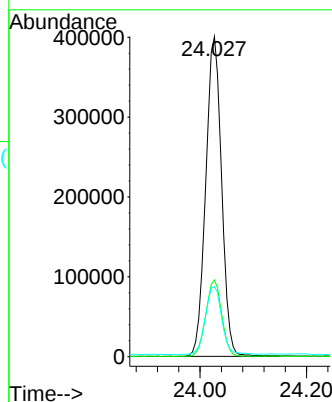
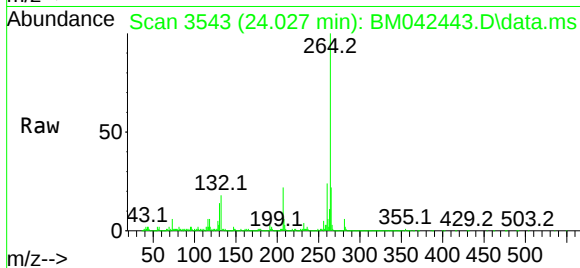
Tgt Ion:264 Resp: 827821

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.9 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 2.497 ng

RT: 23.262 min Scan# 3413

Delta R.T. -0.023 min

Lab File: BM042443.D

Acq: 25 Oct 2023 18:26

Tgt Ion:252 Resp: 124413

Ion Ratio Lower Upper

252 100

253 25.0 18.0 27.0

125 15.1 9.8 14.8#

