

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033693.D
 Acq On : 10 Jan 2022 19:03
 Operator : CG/JU
 Sample : N1081-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-15

Quant Time: Jan 11 02:26:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

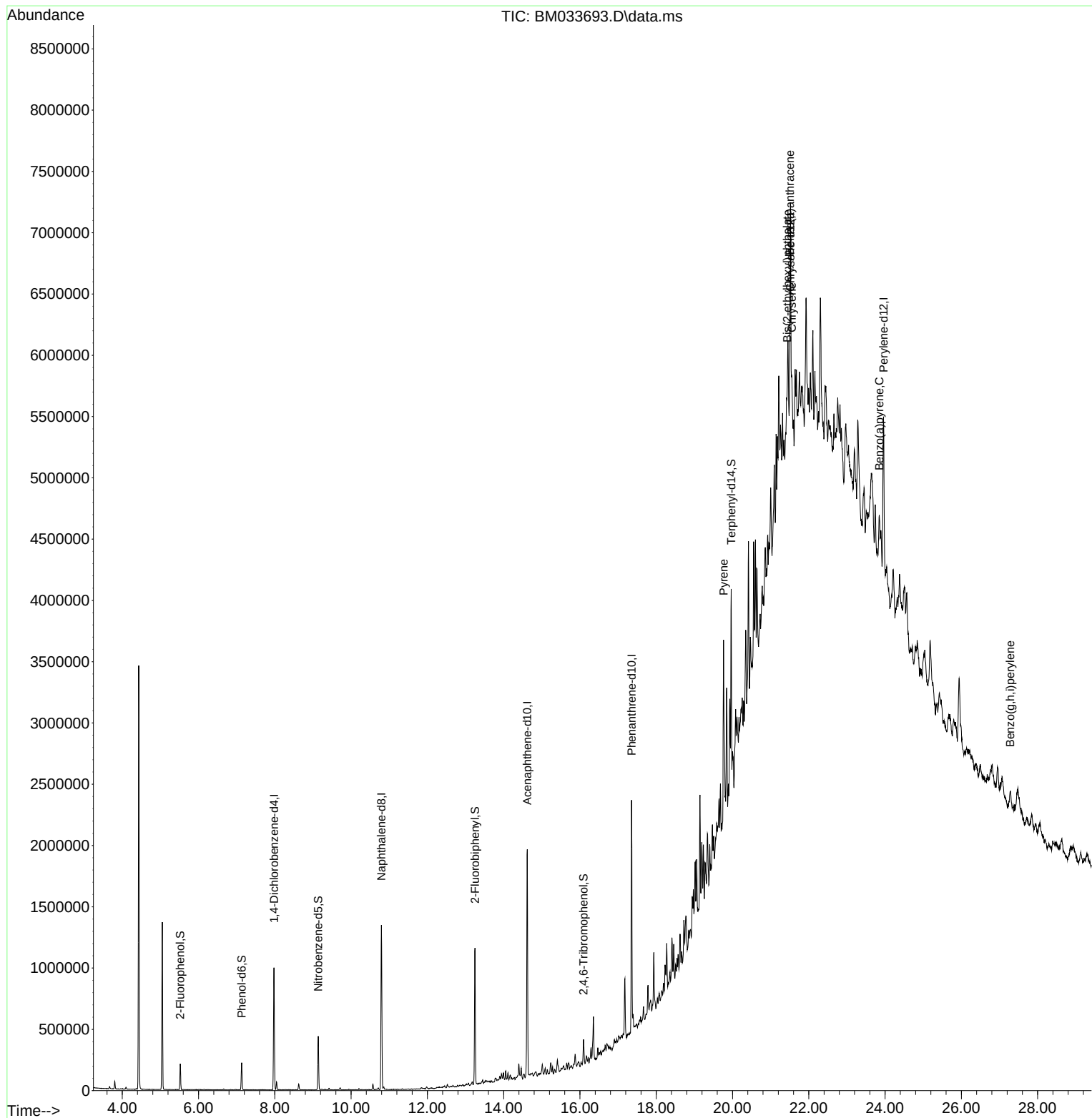
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	258331	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	1063489	20.000	ng	#-0.01
39) Acenaphthene-d10	14.619	164	638360	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	1077492	20.000	ng	0.00
76) Chrysene-d12	21.518	240	764114	20.000	ng	0.00
86) Perylene-d12	23.959	264	820916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	81184	4.956	ng	0.00
7) Phenol-d6	7.131	99	113825	5.156	ng	0.00
23) Nitrobenzene-d5	9.137	82	241768	10.499	ng	-0.02
42) 2,4,6-Tribromophenol	16.095	330	33164	4.974	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	557206	11.433	ng	-0.01
79) Terphenyl-d14	19.965	244	532553	12.545	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.107	77	414	Below Cal	#	51
78) Pyrene	19.765	202	877498	16.311	ng	98
81) Benzo(a)anthracene	21.506	228	189186	3.651	ng	# 58
83) Chrysene	21.553	228	220572	4.448	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.436	149	83448	2.280	ng	# 77
90) Benzo(a)pyrene	23.847	252	155199	3.573	ng	# 47
92) Benzo(g,h,i)perylene	27.282	276	199033	4.026	ng	# 85

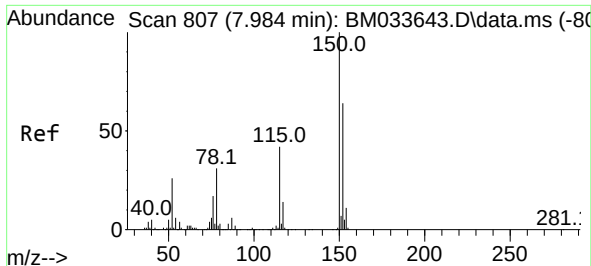
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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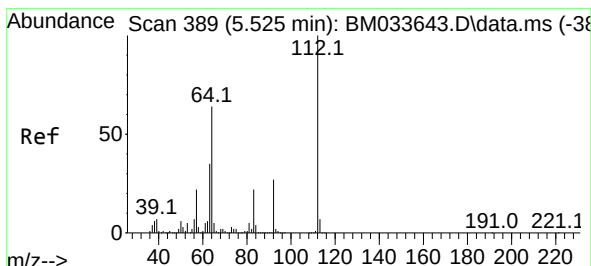
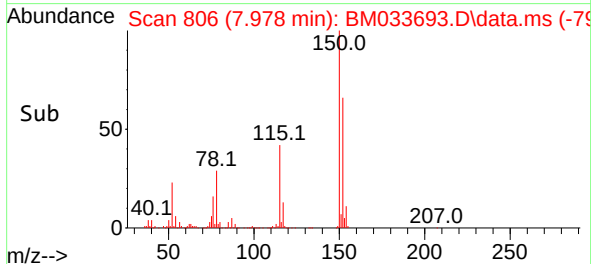
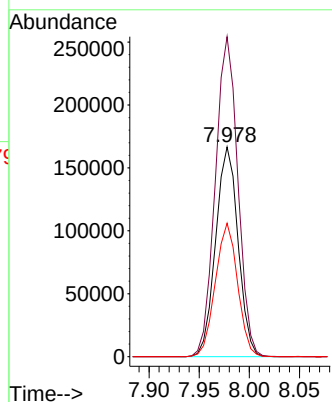
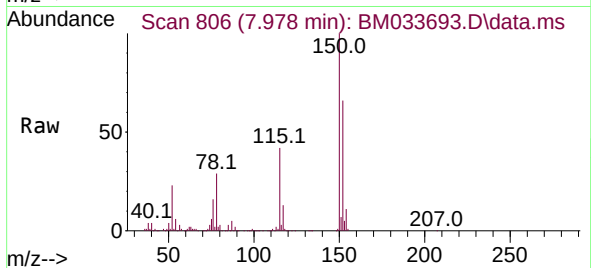




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

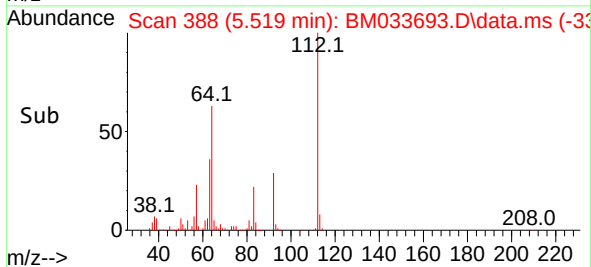
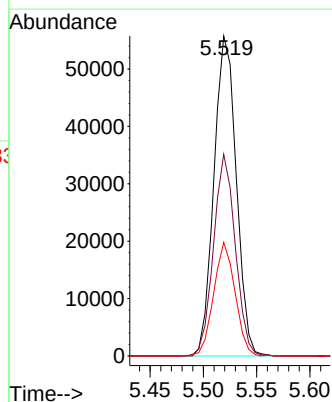
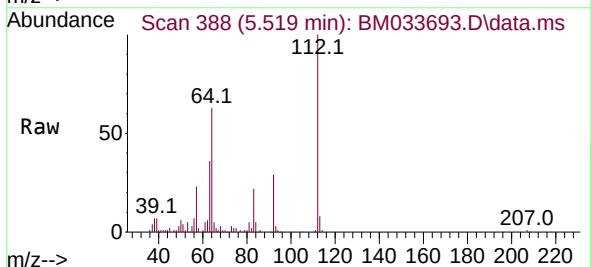
Instrument :
BNA_M
ClientSampleId :
OB-CS-15

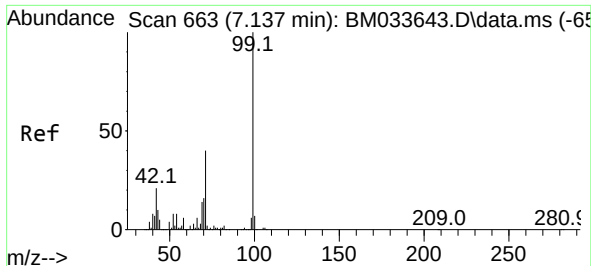
Tgt Ion:152 Resp: 258331
Ion Ratio Lower Upper
152 100
150 152.5 128.9 193.3
115 63.6 53.0 79.6



#5
2-Fluorophenol
Concen: 4.956 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:112 Resp: 81184
Ion Ratio Lower Upper
112 100
64 63.0 55.5 83.3
63 35.5 31.3 46.9

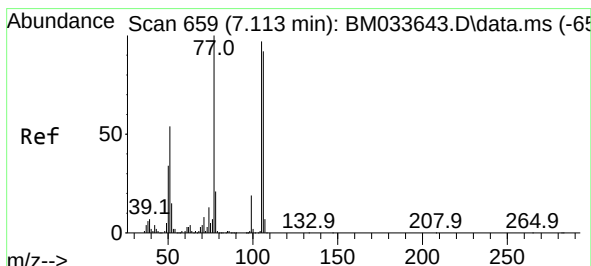
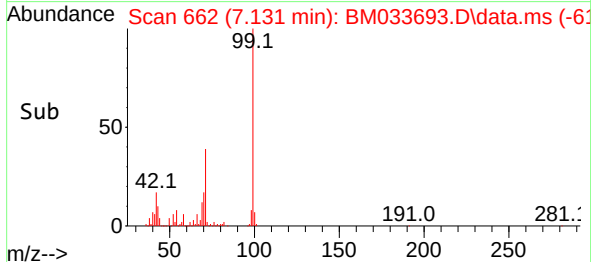
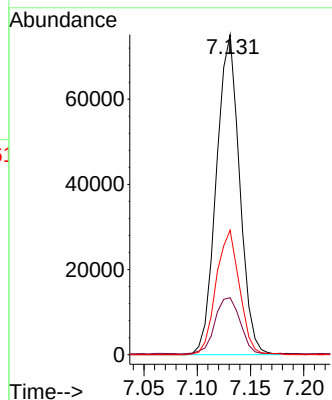
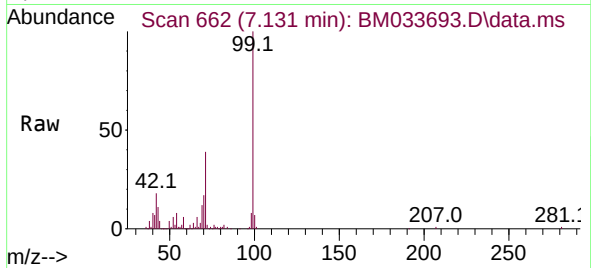




#7
Phenol-d6
Concen: 5.156 ng
RT: 7.131 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

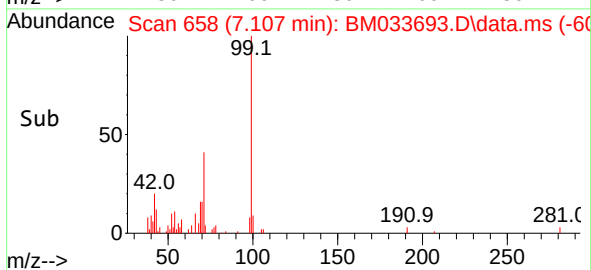
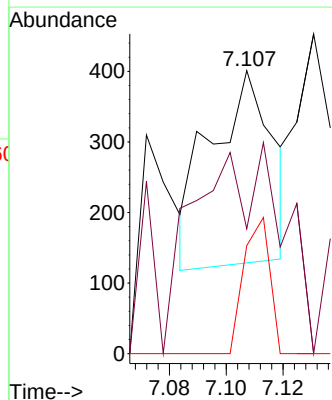
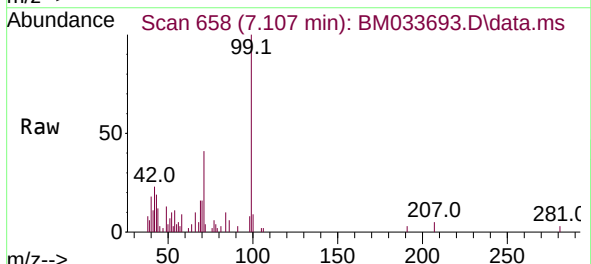
Instrument :
BNA_M
ClientSampleId :
OB-CS-15

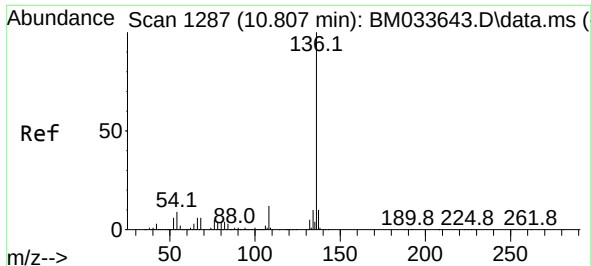
Tgt Ion: 99 Resp: 113825
Ion Ratio Lower Upper
99 100
42 17.8 20.3 30.5#
71 38.9 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion: 77 Resp: 414
Ion Ratio Lower Upper
77 100
105 44.1 67.1 107.1#
106 38.2 64.3 104.3#

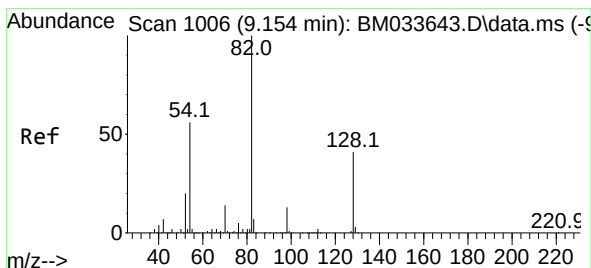
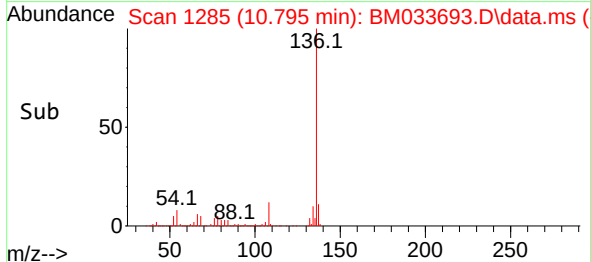
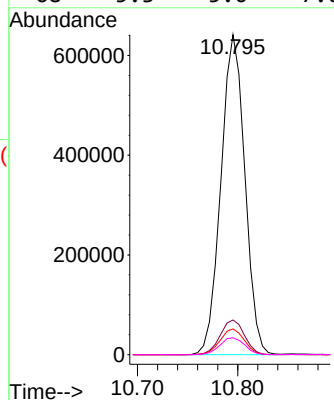
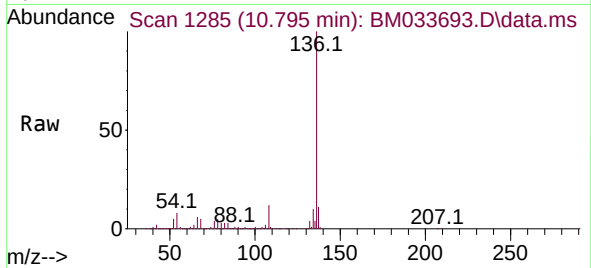




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

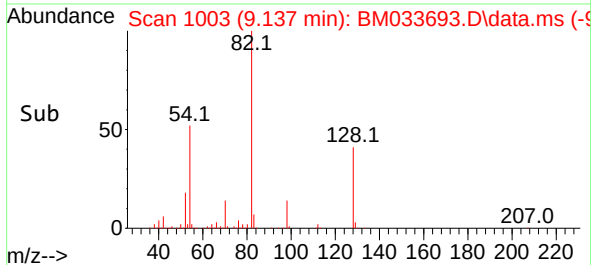
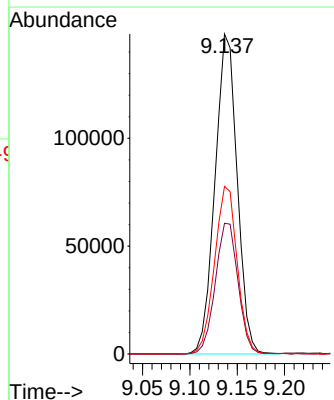
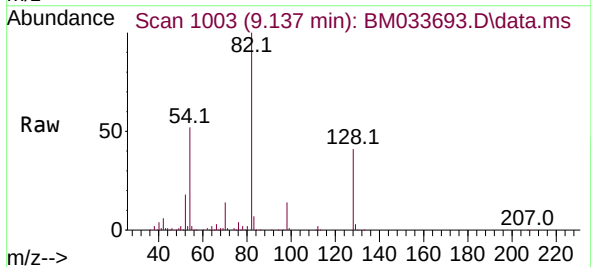
Instrument :
BNA_M
ClientSampleId :
OB-CS-15

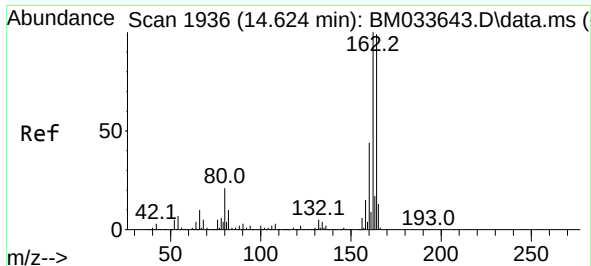
Tgt Ion:136 Resp: 1063489
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 8.3 12.5#
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 10.499 ng
RT: 9.137 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion: 82 Resp: 241768
Ion Ratio Lower Upper
82 100
128 40.9 28.1 42.1
54 52.4 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.619 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM033693.D

Acq: 10 Jan 2022 19:03

Instrument :

BNA_M

ClientSampleId :

OB-CS-15

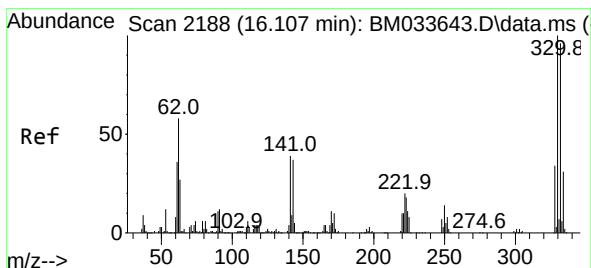
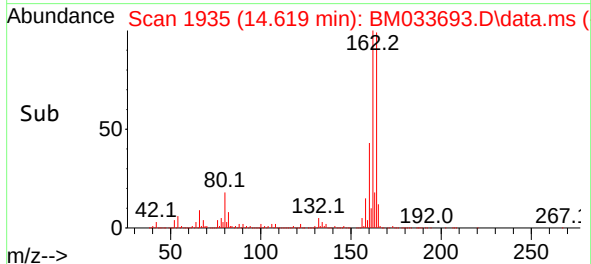
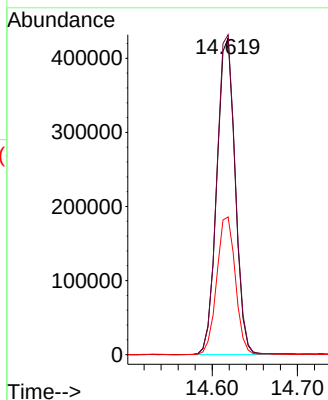
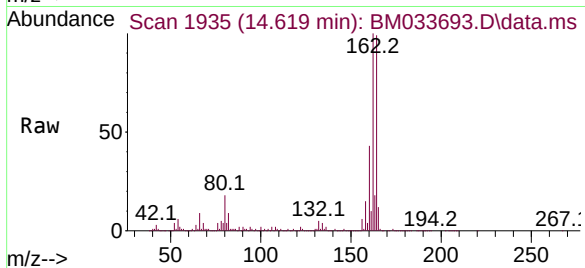
Tgt Ion:164 Resp: 638360

Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 43.5 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 4.974 ng

RT: 16.095 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BM033693.D

Acq: 10 Jan 2022 19:03

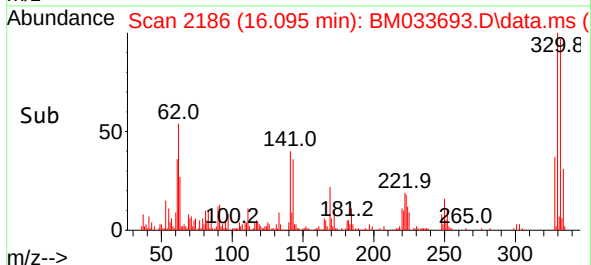
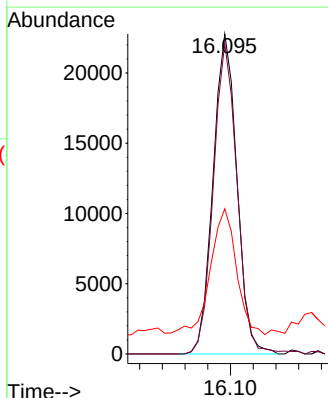
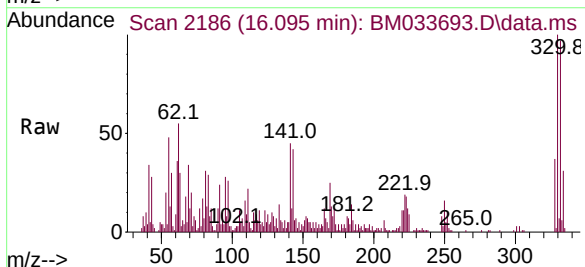
Tgt Ion:330 Resp: 33164

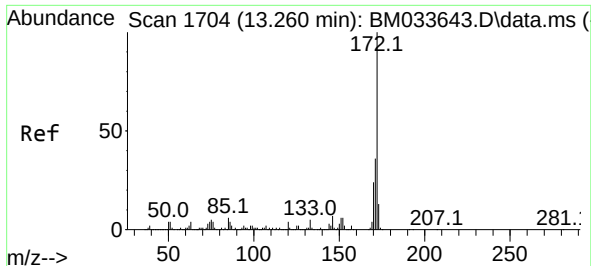
Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 42.8 35.9 53.9

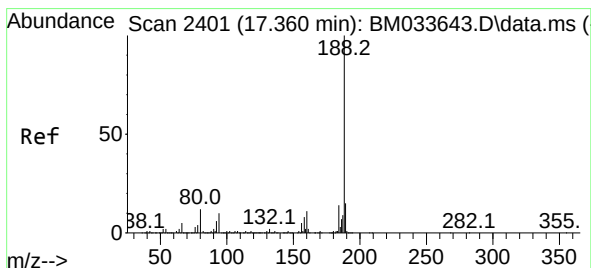
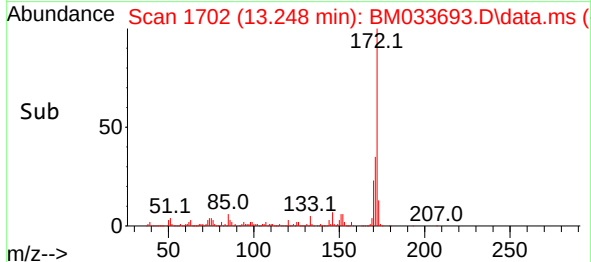
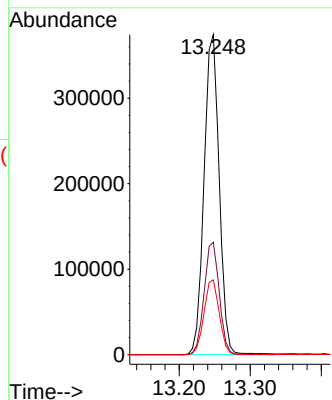
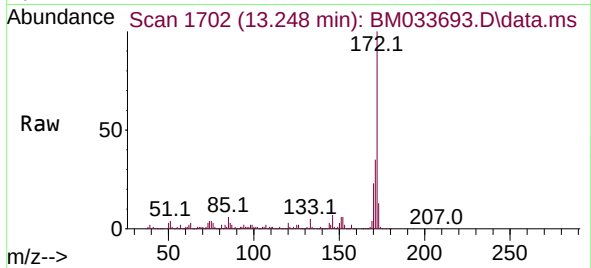




#45
2-Fluorobiphenyl
Concen: 11.433 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

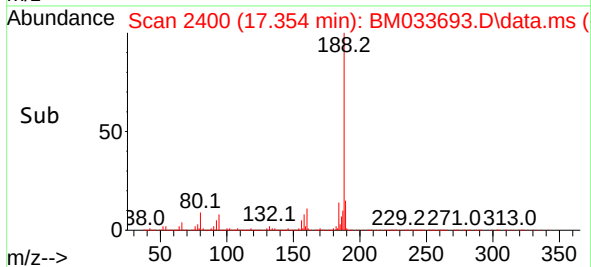
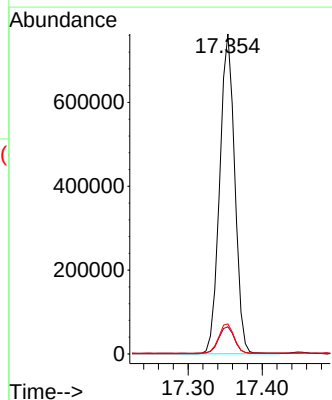
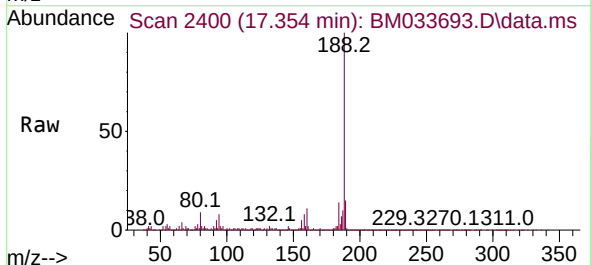
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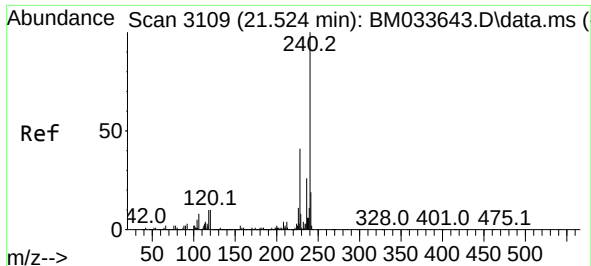
Tgt Ion:172 Resp: 557206
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:188 Resp: 1077492
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.4 8.9 13.3

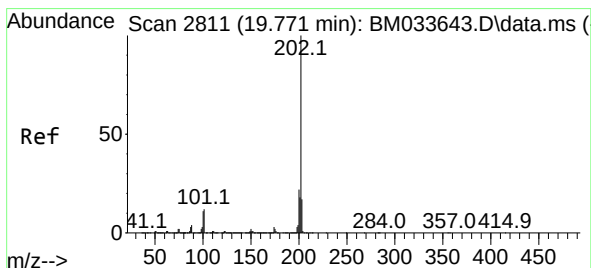
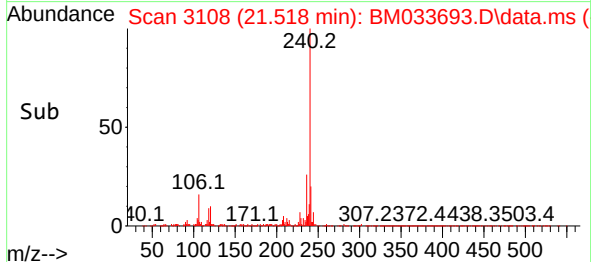
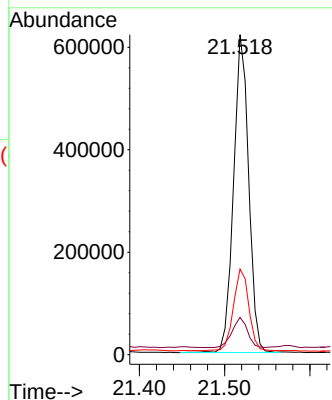
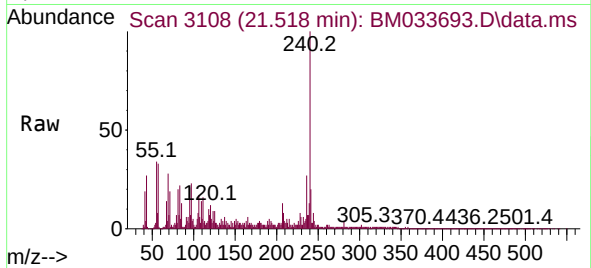




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

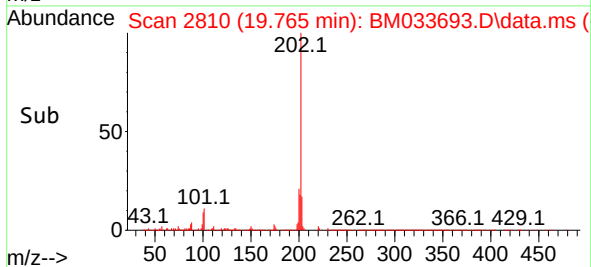
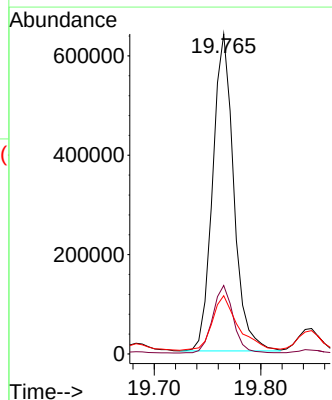
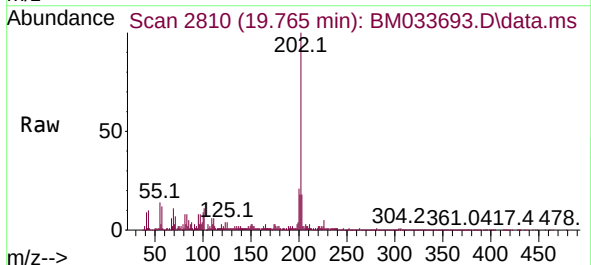
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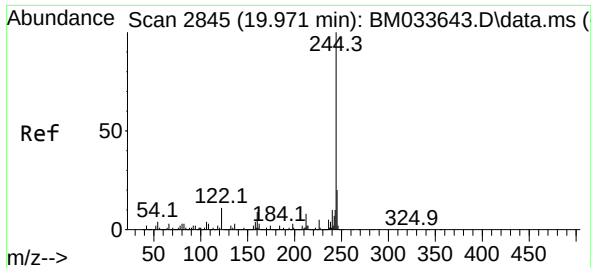
Tgt Ion:240 Resp: 764114
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 26.8 20.3 30.5



#78
Pyrene
Concen: 16.311 ng
RT: 19.765 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM033693.D
Acq: 10 Jan 2022 19:03

Tgt Ion:202 Resp: 877498
Ion Ratio Lower Upper
202 100
200 21.4 16.4 24.6
203 18.2 13.5 20.3

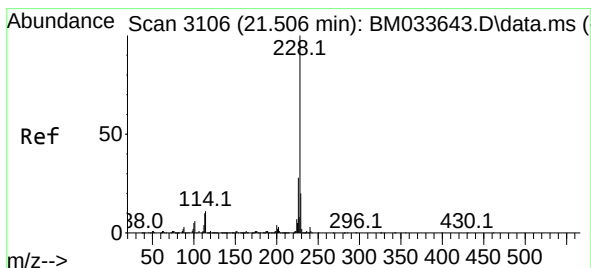
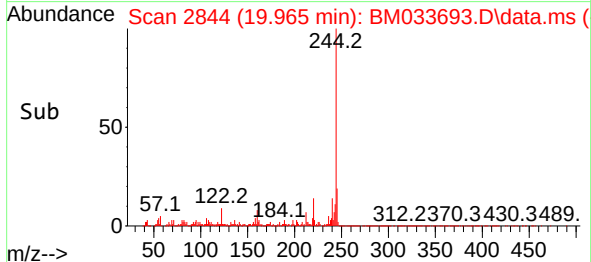
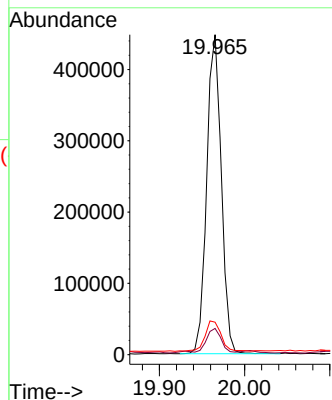
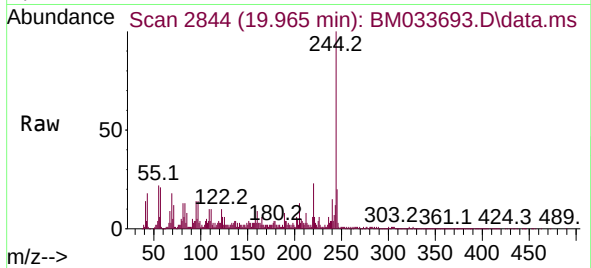




#79
 Terphenyl-d14
 Concen: 12.545 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033693.D
 Acq: 10 Jan 2022 19:03

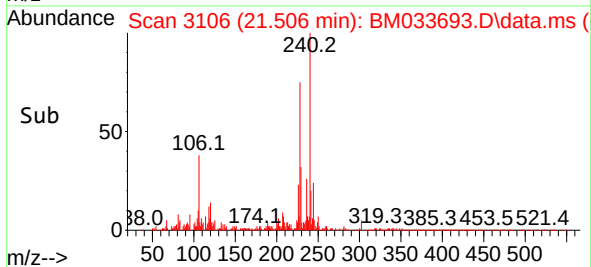
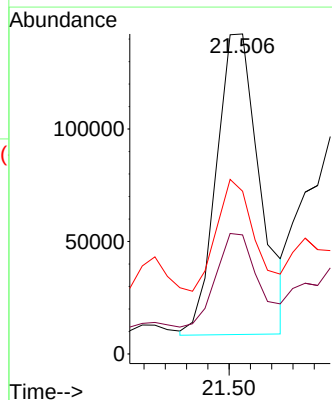
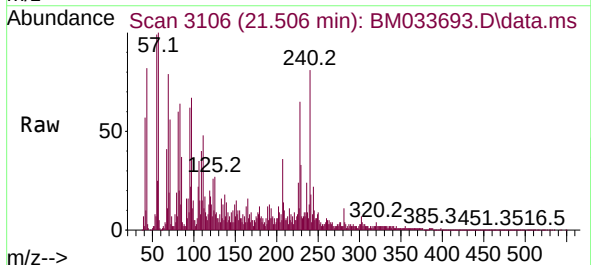
Instrument :
 BNA_M
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 OB-CS-15

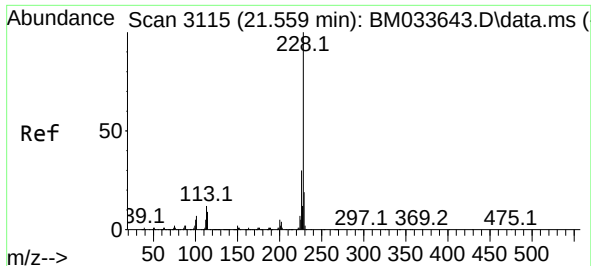
Tgt Ion:244 Resp: 532553
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 10.2 8.4 12.6



#81
 Benzo(a)anthracene
 Concen: 3.651 ng
 RT: 21.506 min Scan# 3106
 Delta R.T. -0.000 min
 Lab File: BM033693.D
 Acq: 10 Jan 2022 19:03

Tgt Ion:228 Resp: 189186
 Ion Ratio Lower Upper
 228 100
 226 37.2 21.0 31.6#
 229 50.8 15.5 23.3#





#83

Chrysene

Concen: 4.448 ng

RT: 21.553 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM033693.D

Acq: 10 Jan 2022 19:03

Instrument :

BNA_M

ClientSampleId :

OB-CS-15

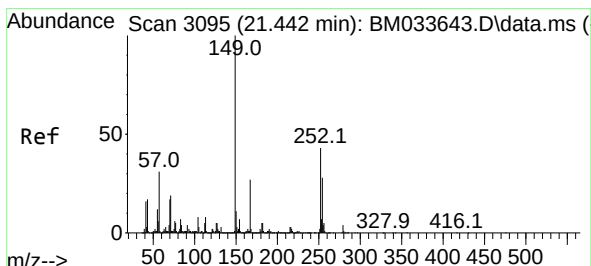
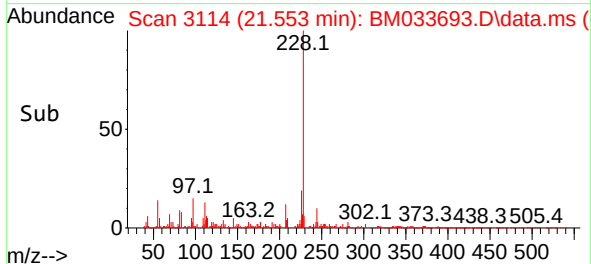
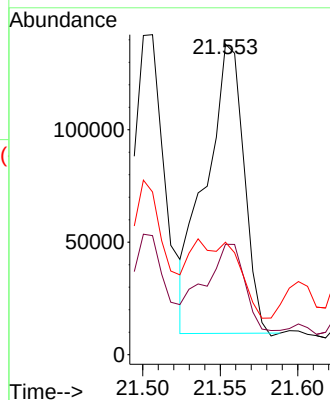
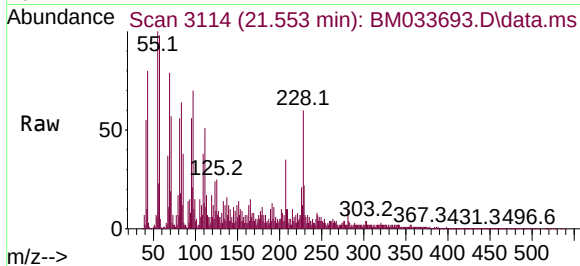
Tgt Ion:228 Resp: 220572

Ion Ratio Lower Upper

228 100

226 35.5 23.8 35.8

229 36.2 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.280 ng

RT: 21.436 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM033693.D

Acq: 10 Jan 2022 19:03

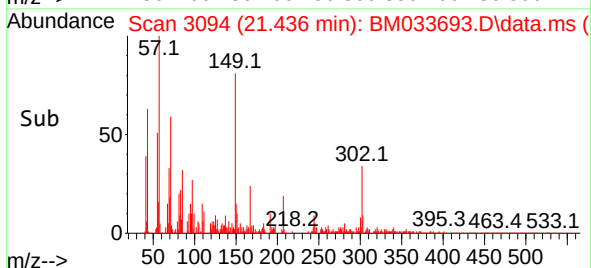
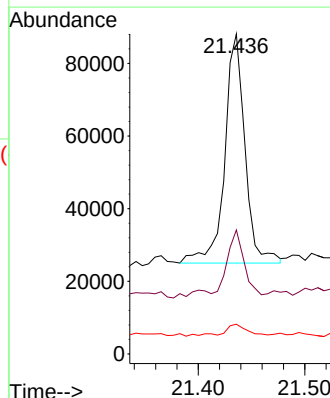
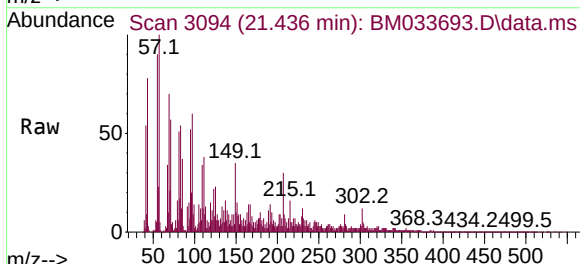
Tgt Ion:149 Resp: 83448

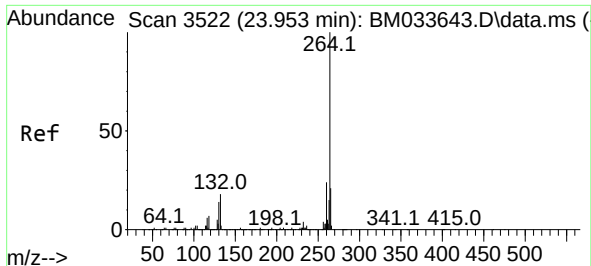
Ion Ratio Lower Upper

149 100

167 38.8 21.4 32.0#

279 9.3 3.0 4.6#

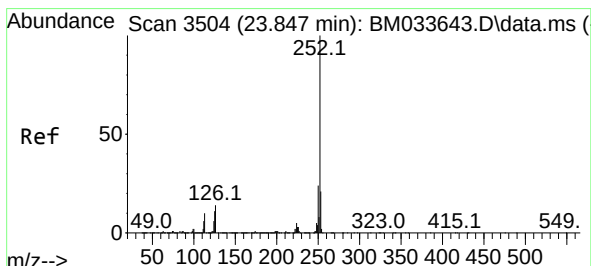
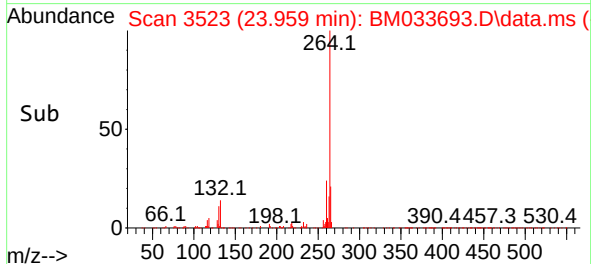
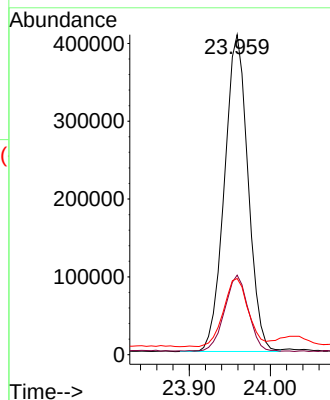
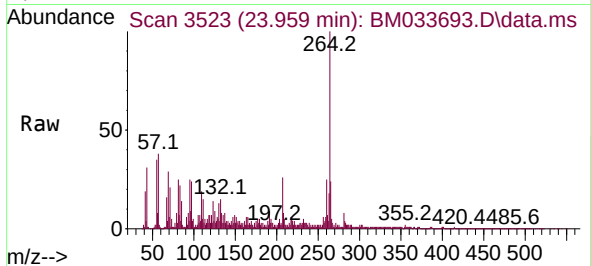




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.959 min Scan# 3522
 Delta R.T. 0.006 min
 Lab File: BM033693.D
 Acq: 10 Jan 2022 19:03

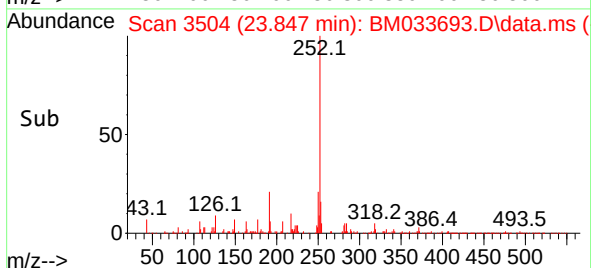
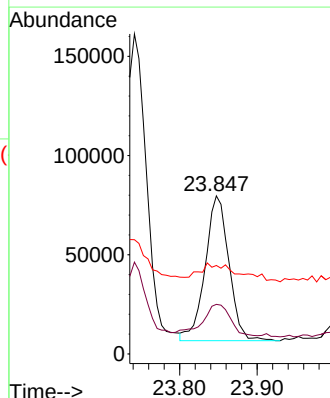
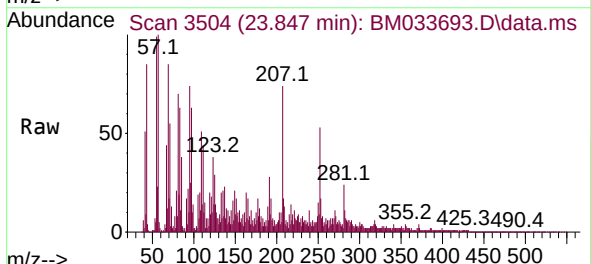
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-15

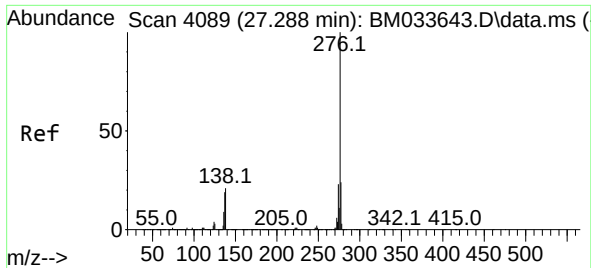
Tgt Ion:264 Resp: 820916
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.7 26.5
 265 23.8 17.7 26.5



#90
 Benzo(a)pyrene
 Concen: 3.573 ng
 RT: 23.847 min Scan# 3504
 Delta R.T. -0.000 min
 Lab File: BM033693.D
 Acq: 10 Jan 2022 19:03

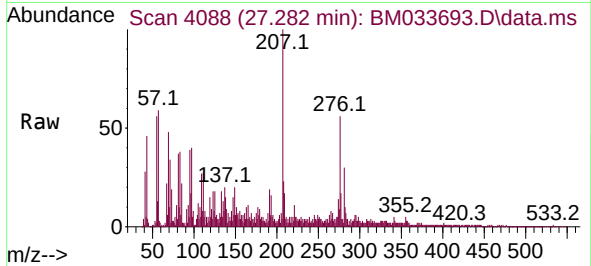
Tgt Ion:252 Resp: 155199
 Ion Ratio Lower Upper
 252 100
 253 31.4 17.5 26.3#
 125 56.0 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.026 ng
 RT: 27.282 min Scan# 4088
 Delta R.T. -0.006 min
 Lab File: BM033693.D
 Acq: 10 Jan 2022 19:03

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-15



Tgt Ion:276 Resp: 199033
 Ion Ratio Lower Upper
 276 100
 277 29.7 19.1 28.7#
 138 27.5 14.8 22.2#

