

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033688.D
 Acq On : 10 Jan 2022 16:04
 Operator : CG/JU
 Sample : N1081-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-11

Quant Time: Jan 11 02:25:39 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)

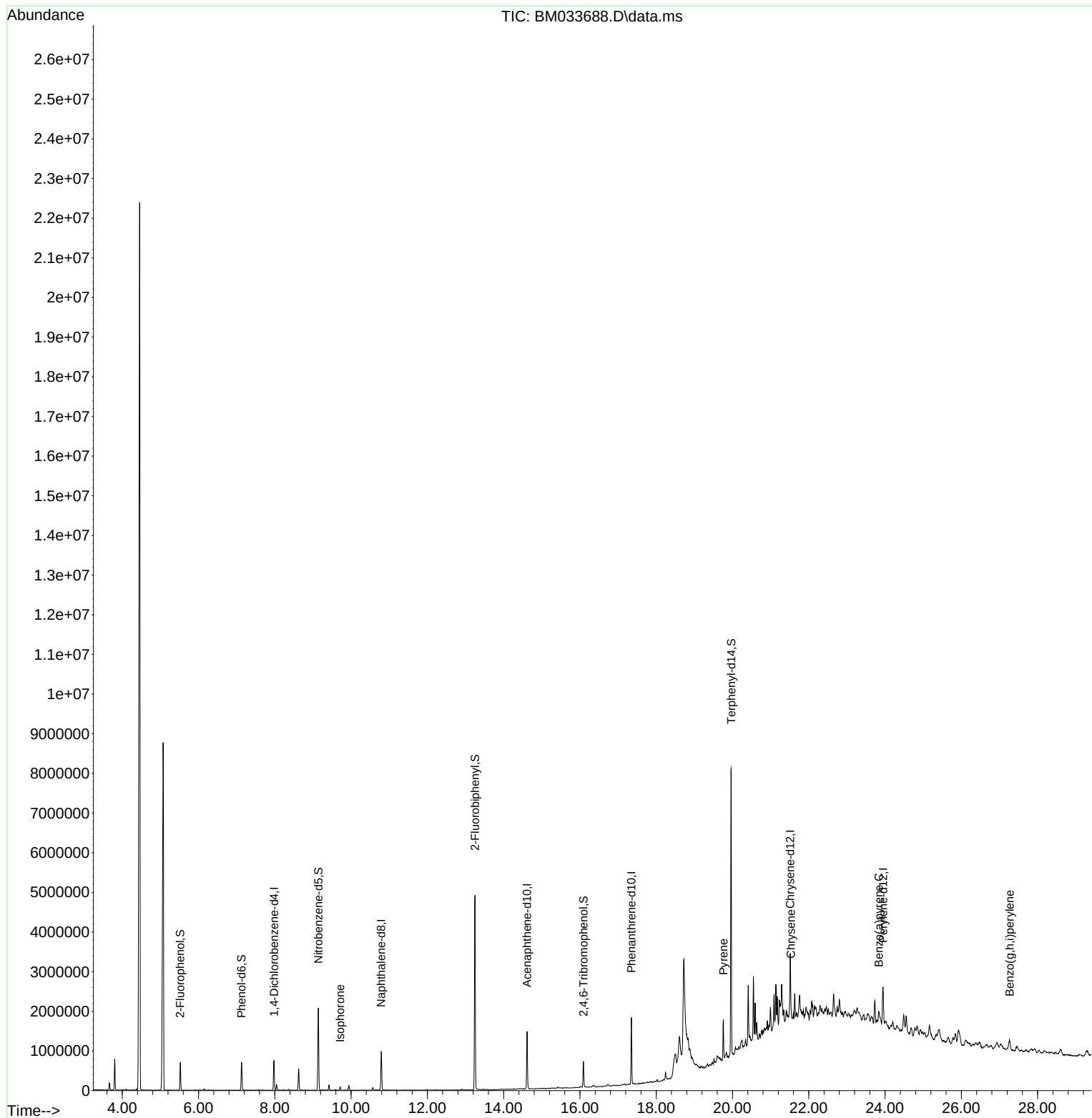
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	187866	20.000	ng	0.00
21) Naphthalene-d8	10.789	136	774778	20.000	ng	-0.02
39) Acenaphthene-d10	14.613	164	472361	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	930902	20.000	ng	-0.01
76) Chrysene-d12	21.512	240	725595	20.000	ng	-0.01
86) Perylene-d12	23.947	264	704183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	264038	22.166	ng	0.00
7) Phenol-d6	7.125	99	365711	22.780	ng	-0.01
23) Nitrobenzene-d5	9.142	82	1140877	68.005	ng	-0.01
42) 2,4,6-Tribromophenol	16.089	330	106393	21.565	ng	-0.02
45) 2-Fluorobiphenyl	13.248	172	2450591	67.951	ng	-0.01
79) Terphenyl-d14	19.965	244	3232069	80.178	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.125	77	1187	Below Cal	#	30
25) Isophorone	9.713	82	55632	2.047	ng	95
78) Pyrene	19.759	202	578475	11.324	ng	99
83) Chrysene	21.530	228	112567	2.391	ng	# 50
90) Benzo(a)pyrene	23.836	252	162196	4.353	ng	# 84
92) Benzo(g,h,i)perylene	27.265	276	332615	7.844	ng	97

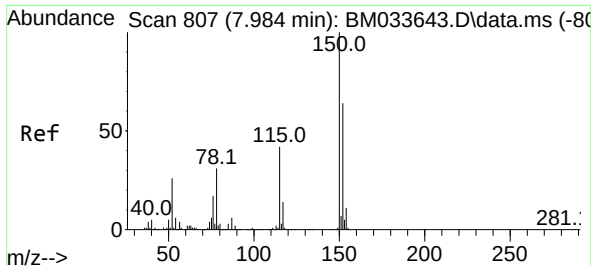
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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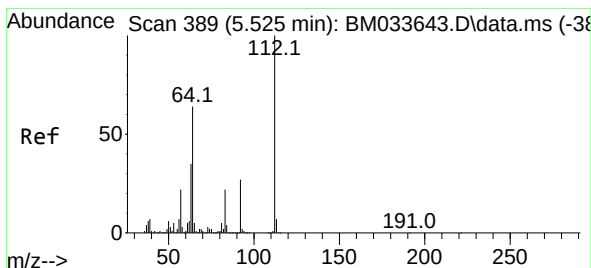
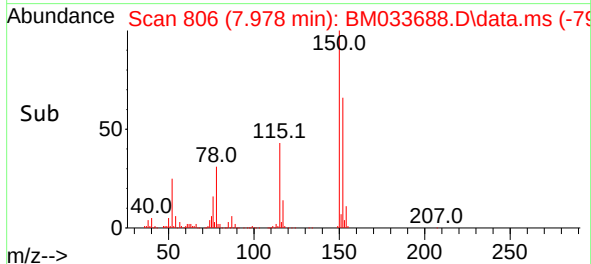
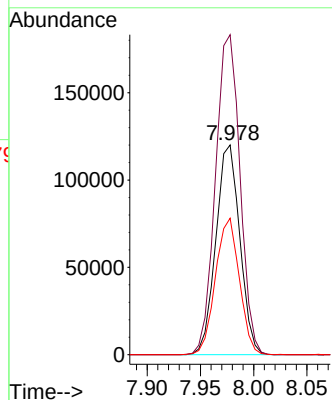
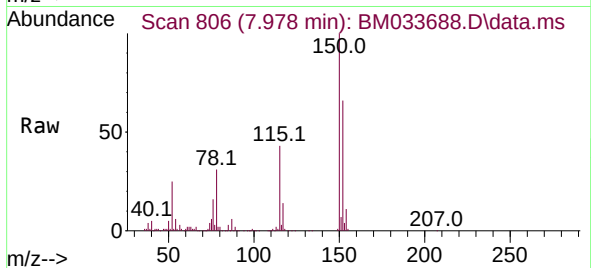




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

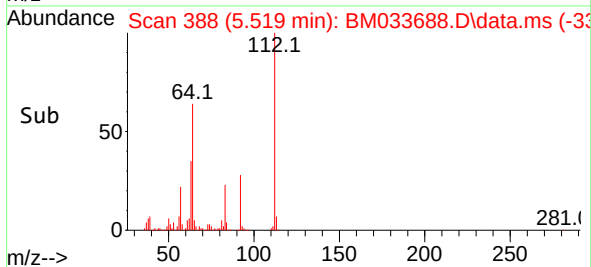
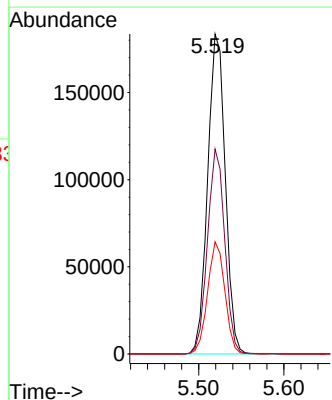
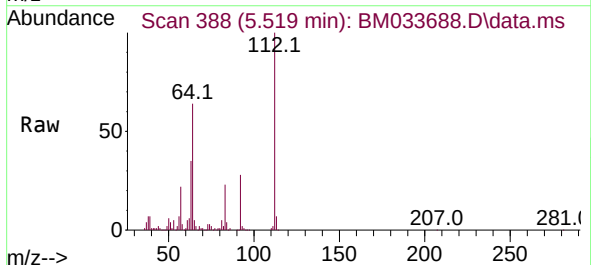
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

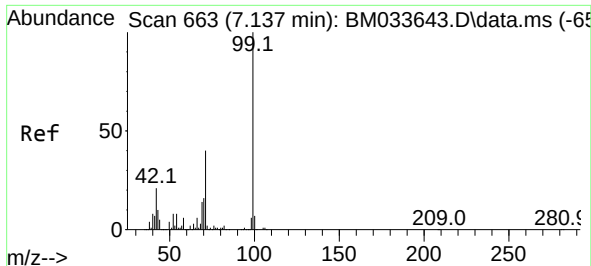
Tgt Ion:152 Resp: 187866
Ion Ratio Lower Upper
152 100
150 152.6 128.9 193.3
115 65.1 53.0 79.6



#5
2-Fluorophenol
Concen: 22.166 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion:112 Resp: 264038
Ion Ratio Lower Upper
112 100
64 64.1 55.5 83.3
63 35.1 31.3 46.9

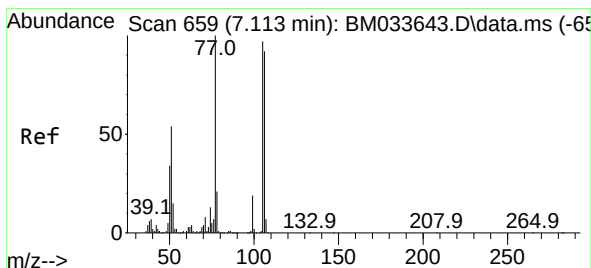
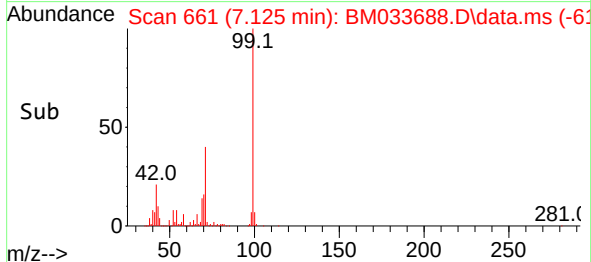
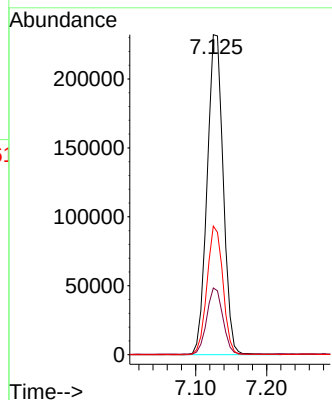
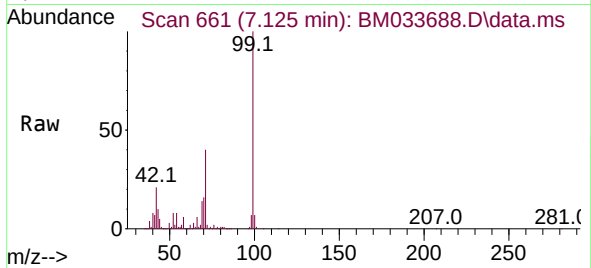




#7
Phenol-d6
Concen: 22.780 ng
RT: 7.125 min Scan# 601
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

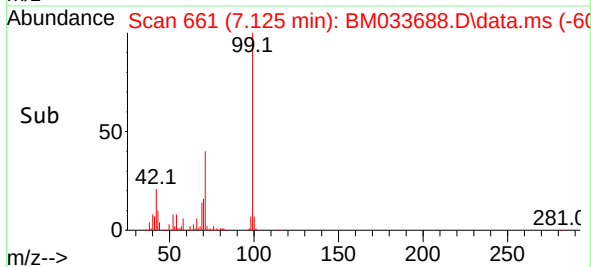
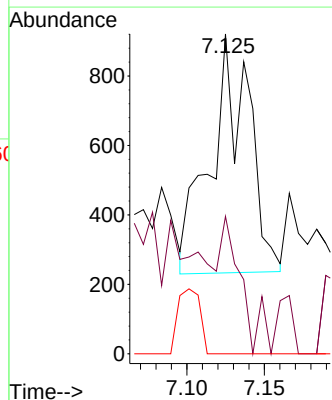
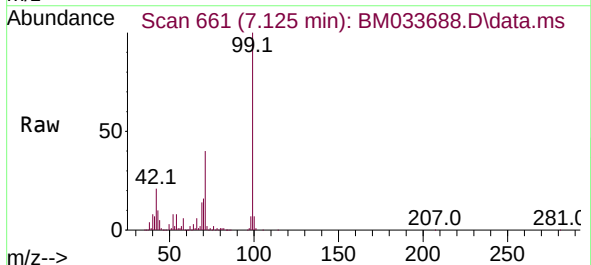
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

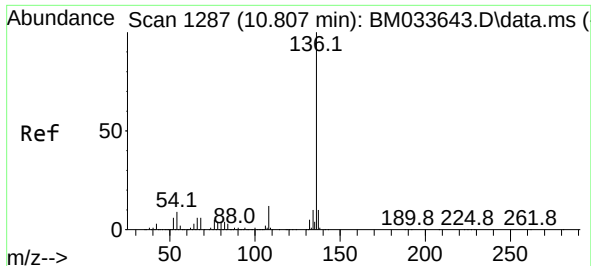
Tgt Ion: 99 Resp: 365711
Ion Ratio Lower Upper
99 100
42 20.8 20.3 30.5
71 40.2 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion: 77 Resp: 1187
Ion Ratio Lower Upper
77 100
105 43.0 67.1 107.1#
106 0.0 64.3 104.3#



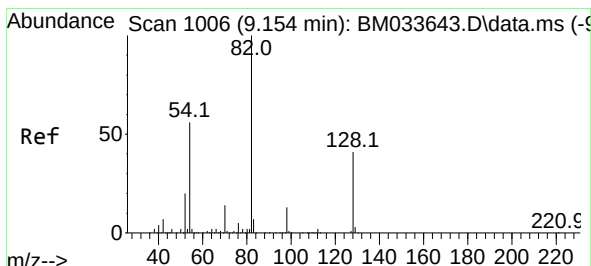
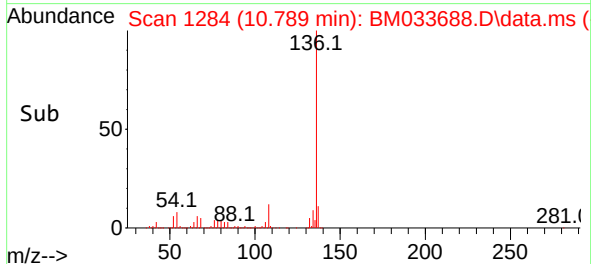
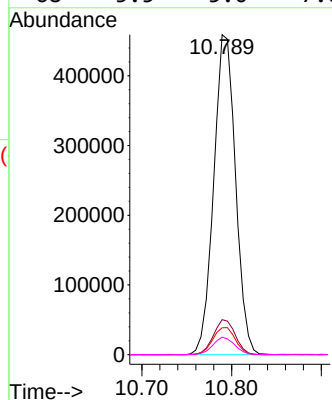
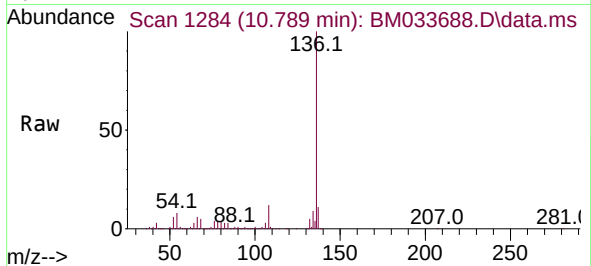


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.789 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Instrument :
BNA_M
ClientSampleId :
OB-CS-11

Tgt Ion:136 Resp: 774778

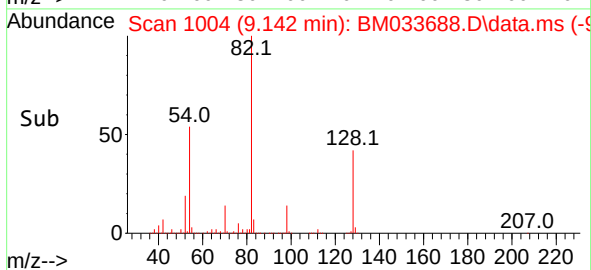
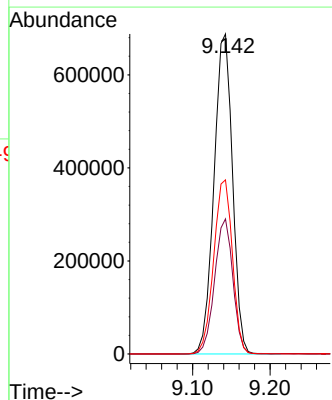
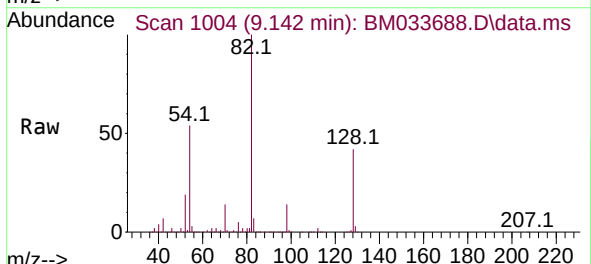
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.4	8.3	12.5
68	5.5	5.0	7.6

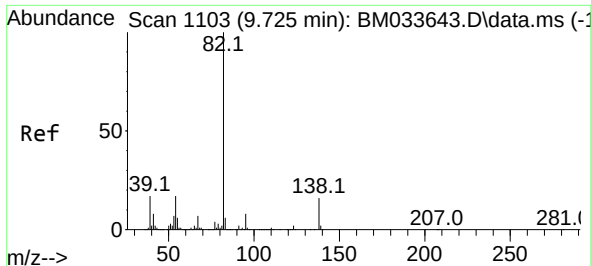


#23
Nitrobenzene-d5
Concen: 68.005 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion: 82 Resp: 1140877

Ion	Ratio	Lower	Upper
82	100		
128	42.2	28.1	42.1#
54	54.4	46.1	69.1





#25

Isophorone

Concen: 2.047 ng

RT: 9.713 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BM033688.D

Acq: 10 Jan 2022 16:04

Instrument :

BNA_M

ClientSampleId :

OB-CS-11

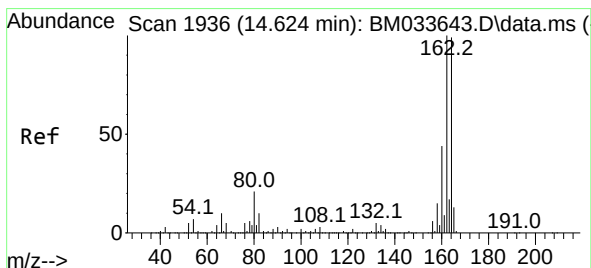
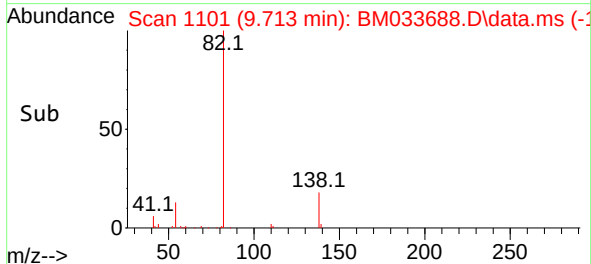
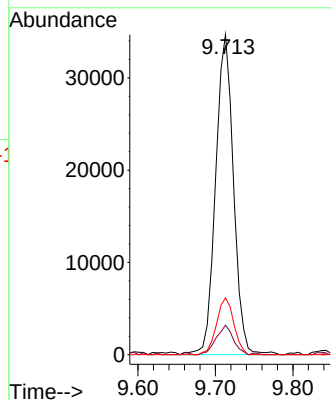
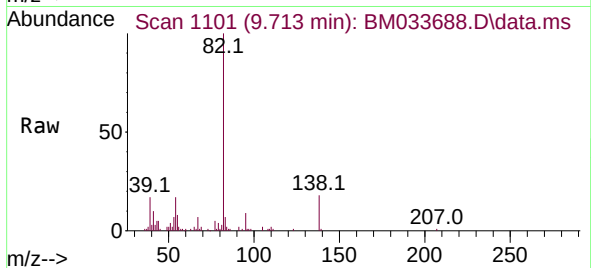
Tgt Ion: 82 Resp: 55632

Ion Ratio Lower Upper

82 100

95 9.3 6.4 9.6

138 17.8 12.4 18.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.613 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BM033688.D

Acq: 10 Jan 2022 16:04

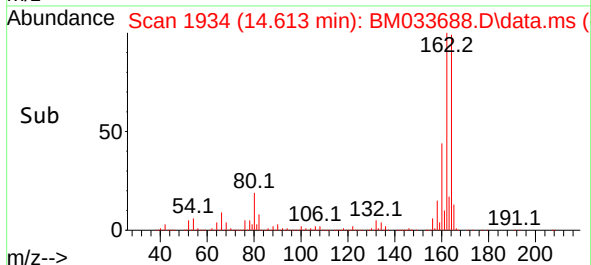
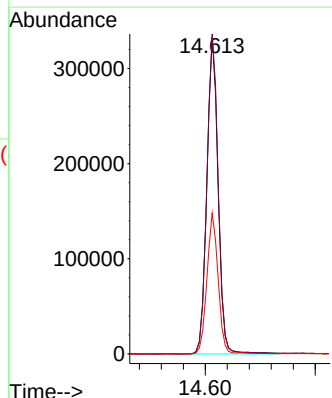
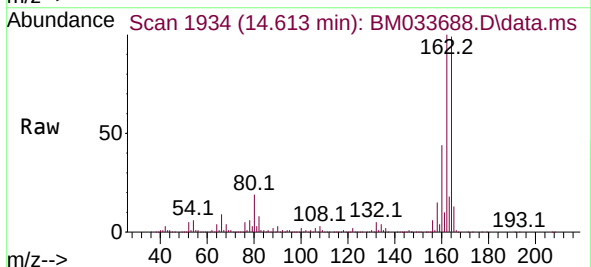
Tgt Ion: 164 Resp: 472361

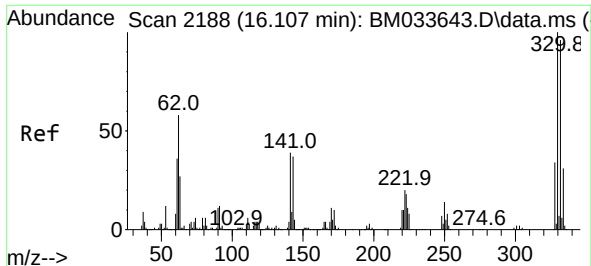
Ion Ratio Lower Upper

164 100

162 100.9 79.7 119.5

160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 21.565 ng

RT: 16.089 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM033688.D

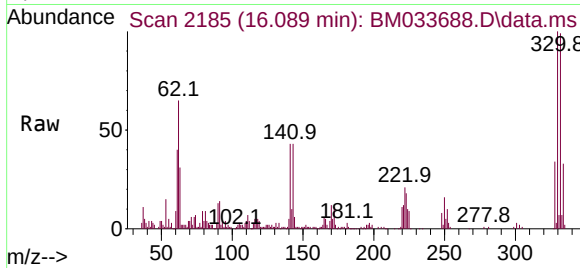
Acq: 10 Jan 2022 16:04

Instrument :

BNA_M

ClientSampleId :

OB-CS-11



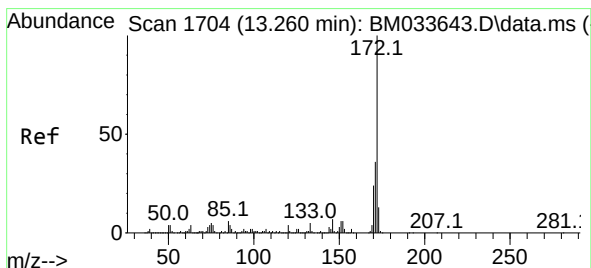
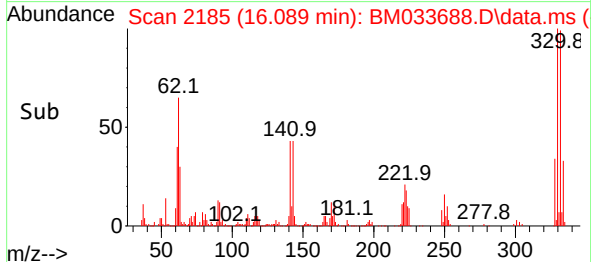
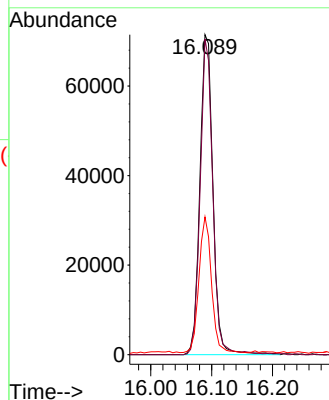
Tgt Ion:330 Resp: 106393

Ion Ratio Lower Upper

330 100

332 94.1 76.5 114.7

141 40.9 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 67.951 ng

RT: 13.248 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM033688.D

Acq: 10 Jan 2022 16:04

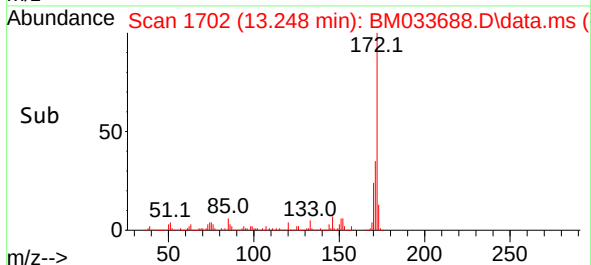
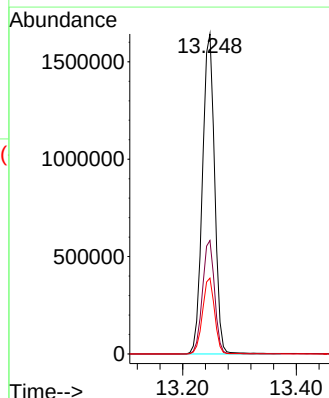
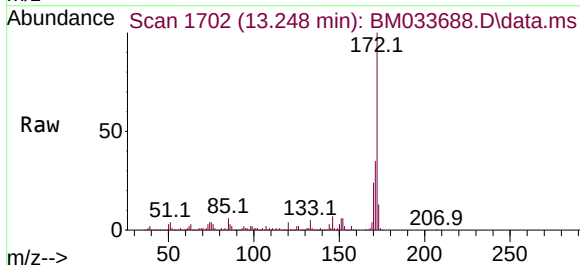
Tgt Ion:172 Resp: 2450591

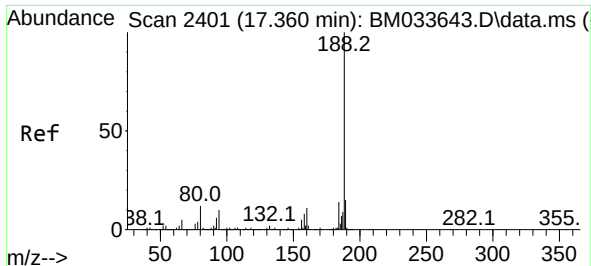
Ion Ratio Lower Upper

172 100

171 35.4 27.2 40.8

170 23.7 18.7 28.1

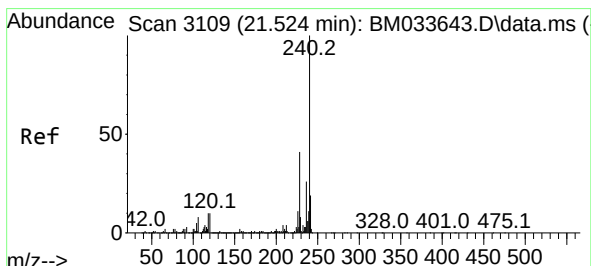
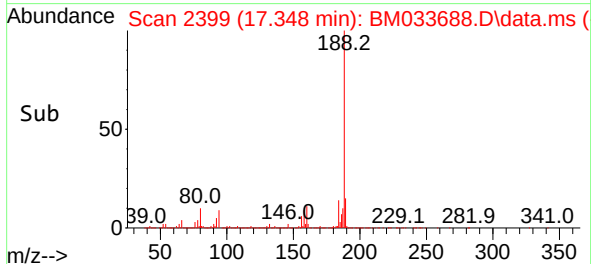
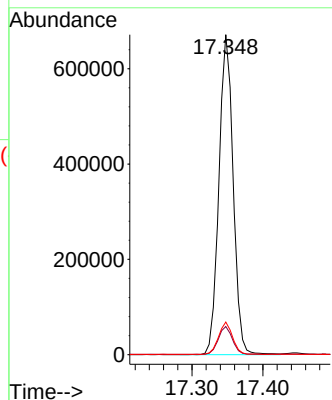
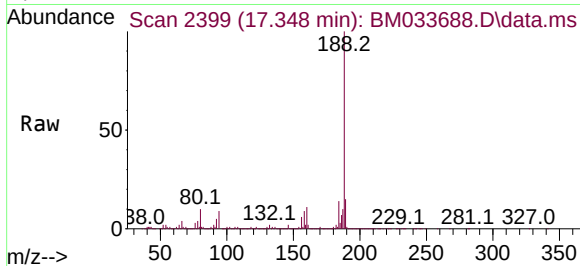




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

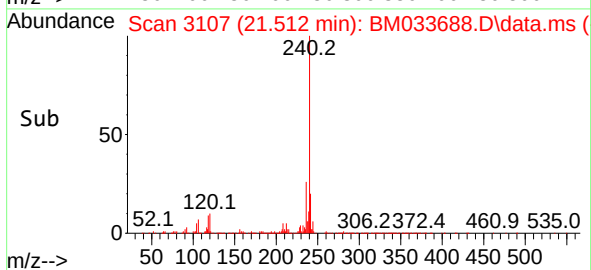
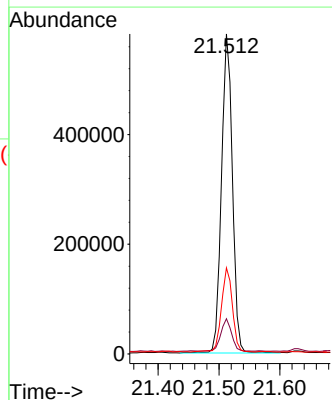
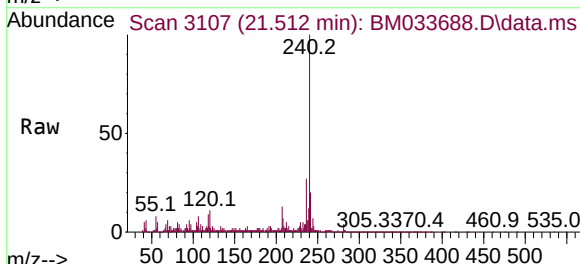
Instrument :
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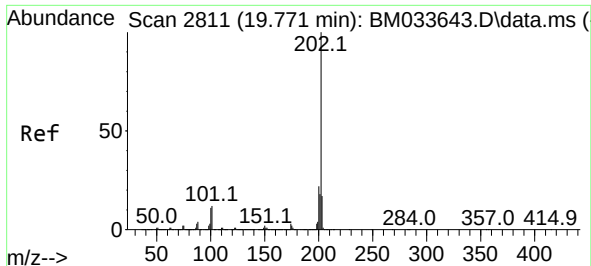
Tgt Ion:188 Resp: 930902
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion:240 Resp: 725595
Ion Ratio Lower Upper
240 100
120 11.0 7.8 11.6
236 26.9 20.3 30.5

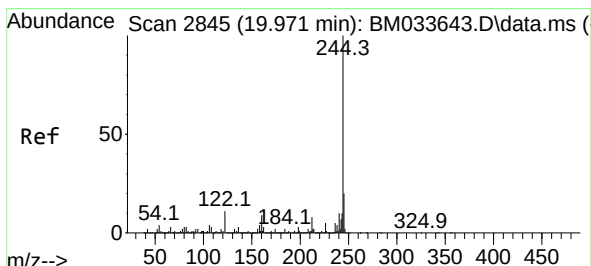
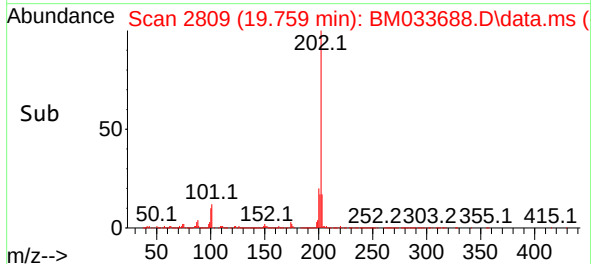
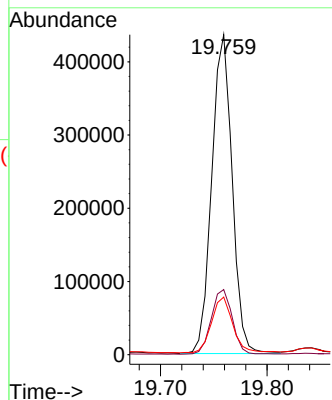
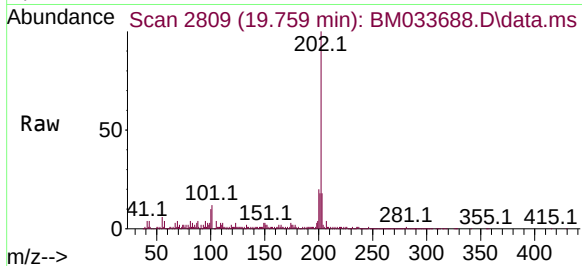




#78
Pyrene
Concen: 11.324 ng
RT: 19.759 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

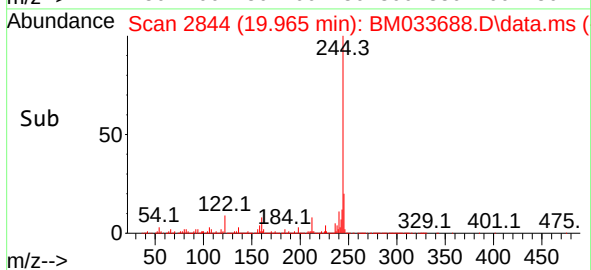
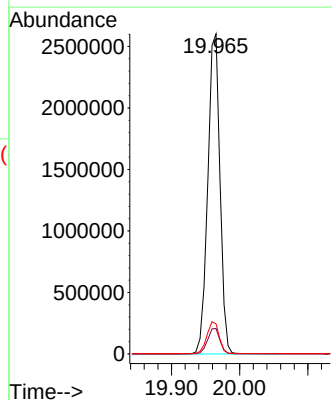
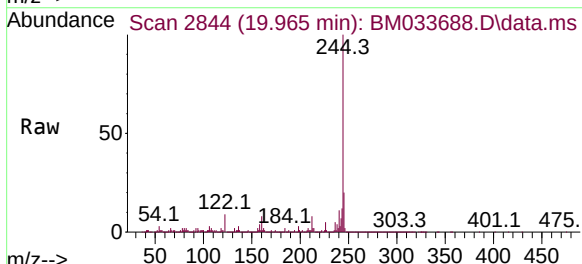
Instrument :
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OB-CS-11

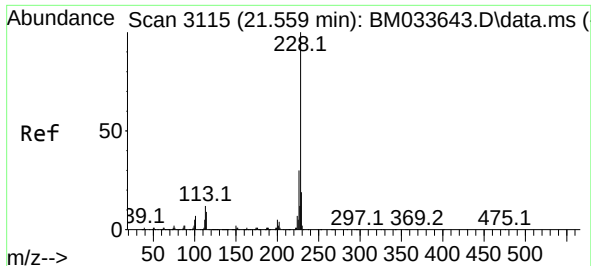
Tgt Ion:202 Resp: 578475
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 18.0 13.5 20.3



#79
Terphenyl-d14
Concen: 80.178 ng
RT: 19.965 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion:244 Resp: 3232069
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 9.4 8.4 12.6

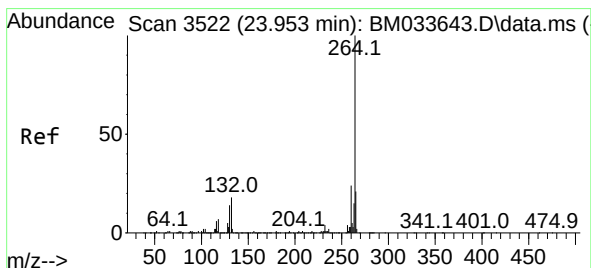
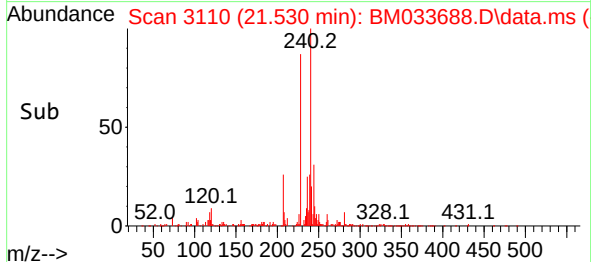
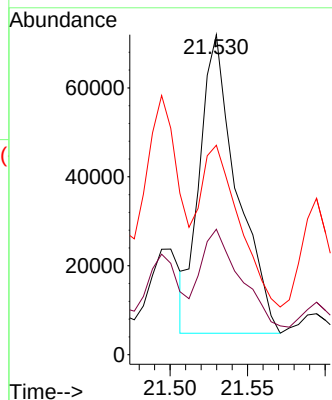
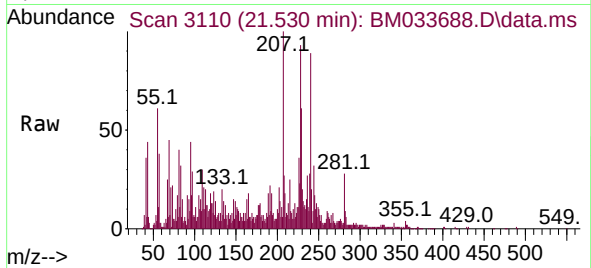




#83
Chrysene
Concen: 2.391 ng
RT: 21.530 min Scan# 3115
Delta R.T. -0.030 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

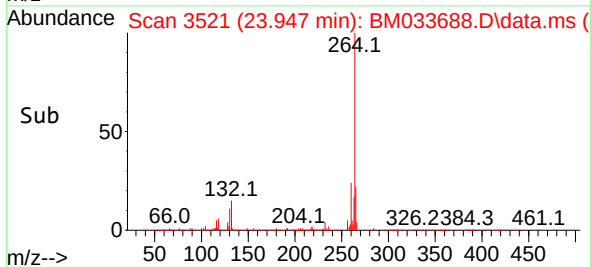
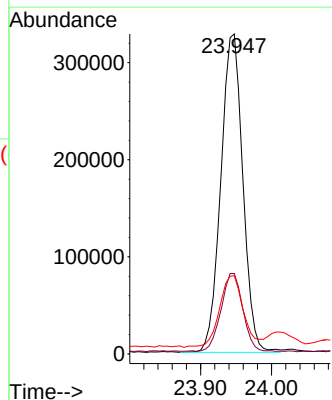
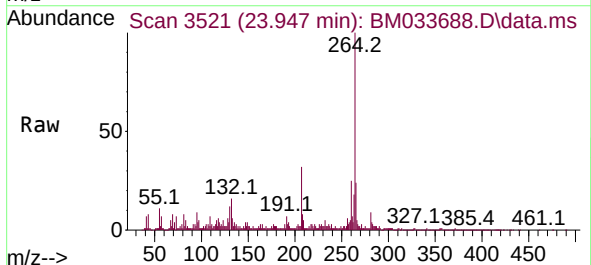
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

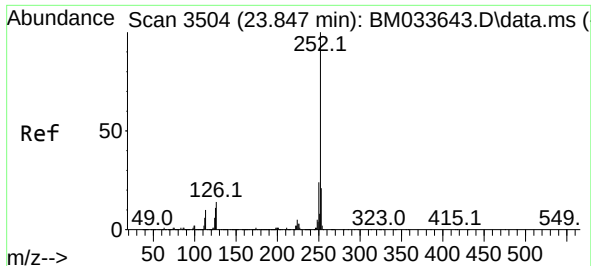
Tgt Ion:228 Resp: 112567
Ion Ratio Lower Upper
228 100
226 39.2 23.8 35.8#
229 65.4 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion:264 Resp: 704183
Ion Ratio Lower Upper
264 100
260 25.1 17.7 26.5
265 24.4 17.7 26.5

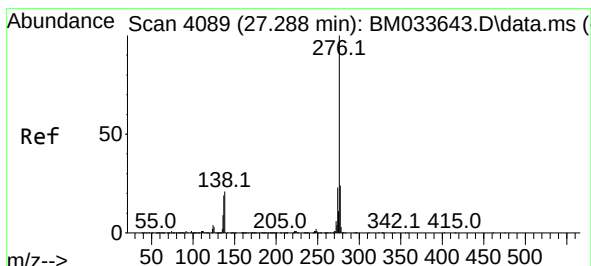
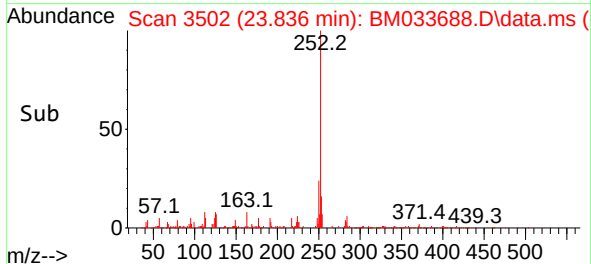
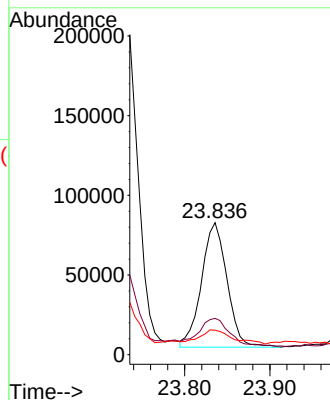
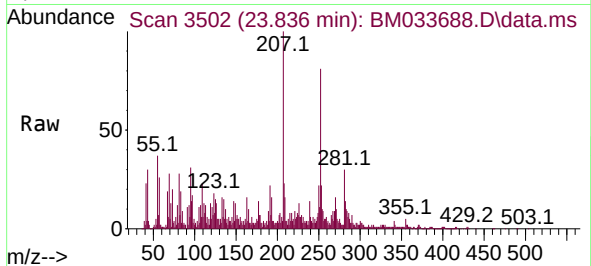




#90
Benzo(a)pyrene
Concen: 4.353 ng
RT: 23.836 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Instrument :
BNA_M
ClientSampleId :
OB-CS-11

Tgt Ion:252 Resp: 162196
Ion Ratio Lower Upper
252 100
253 27.6 17.5 26.3#
125 18.6 7.8 11.8#



#92
Benzo(g,h,i)perylene
Concen: 7.844 ng
RT: 27.265 min Scan# 4085
Delta R.T. -0.024 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Tgt Ion:276 Resp: 332615
Ion Ratio Lower Upper
276 100
277 25.2 19.1 28.7
138 20.3 14.8 22.2

