

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033689.D
 Acq On : 10 Jan 2022 16:40
 Operator : CG/JU
 Sample : N1081-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-12

Quant Time: Jan 11 02:25:49 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)

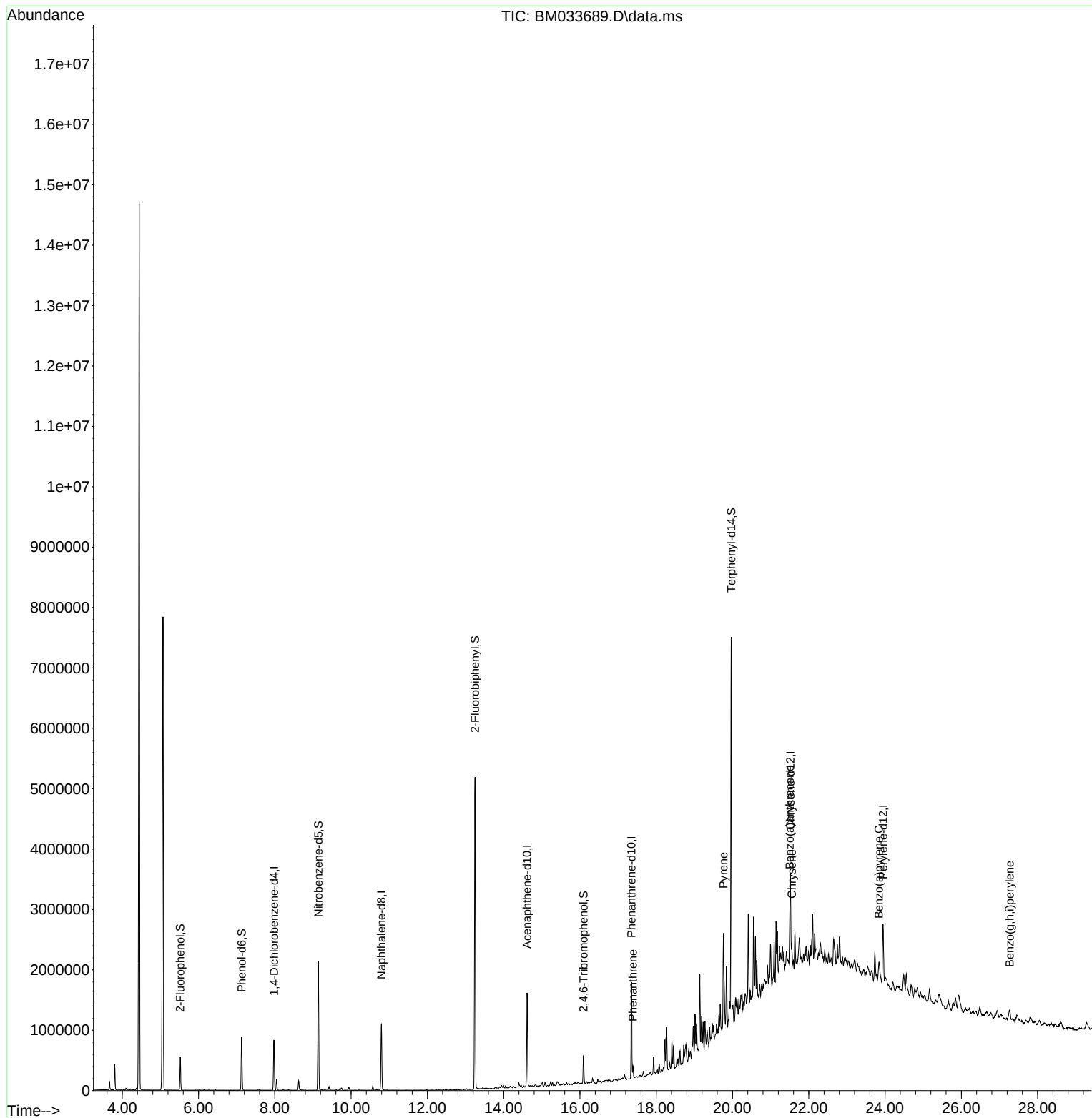
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	211268	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	869403	20.000	ng	#-0.01
39) Acenaphthene-d10	14.613	164	518687	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	913308	20.000	ng	-0.01
76) Chrysene-d12	21.518	240	660535	20.000	ng	0.00
86) Perylene-d12	23.947	264	711843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	212596	15.871	ng	0.00
7) Phenol-d6	7.131	99	466764	25.854	ng	0.00
23) Nitrobenzene-d5	9.142	82	1173028	62.311	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	76628	14.144	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	2553290	64.476	ng	-0.01
79) Terphenyl-d14	19.965	244	2624047	71.507	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.389	178	117469	2.248	ng	100
78) Pyrene	19.759	202	964567	20.741	ng	98
81) Benzo(a)anthracene	21.500	228	193826	4.327	ng	# 61
83) Chrysene	21.553	228	244840	5.712	ng	# 88
90) Benzo(a)pyrene	23.835	252	183981	4.884	ng	# 84
92) Benzo(g,h,i)perylene	27.265	276	239058	5.577	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033689.D
Acq On : 10 Jan 2022 16:40
Operator : CG/JU
Sample : N1081-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OB-CS-12

Quant Time: Jan 11 02:25:49 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

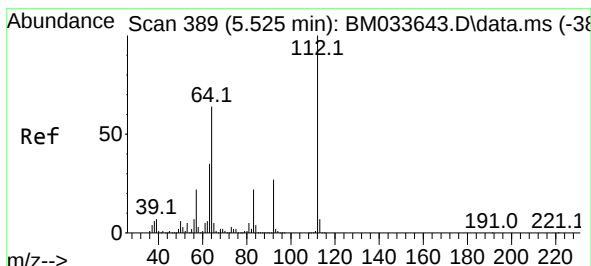
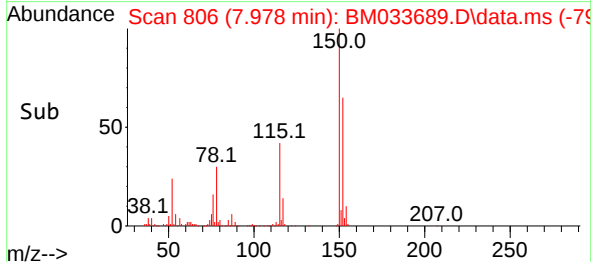
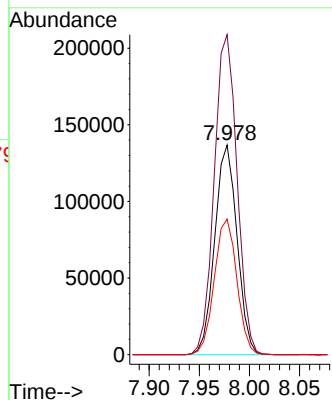
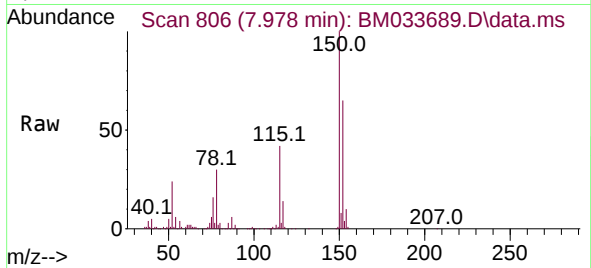




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

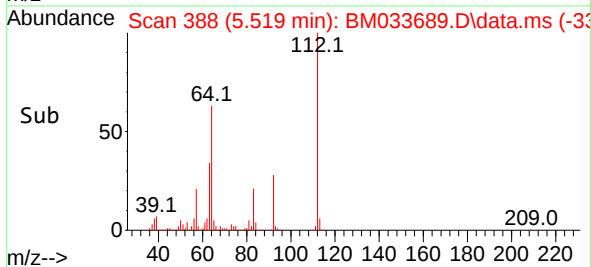
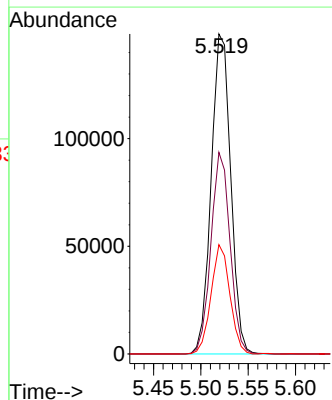
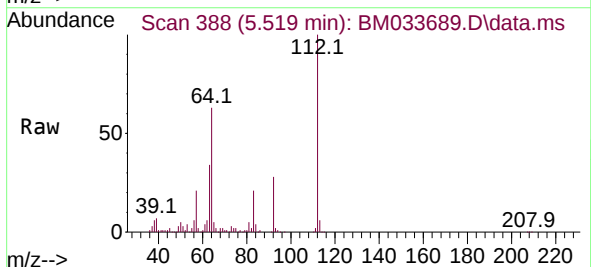
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

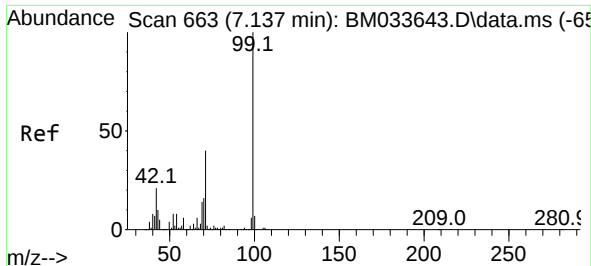
Tgt Ion:152 Resp: 211268
Ion Ratio Lower Upper
152 100
150 152.7 128.9 193.3
115 64.7 53.0 79.6



#5
2-Fluorophenol
Concen: 15.871 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:112 Resp: 212596
Ion Ratio Lower Upper
112 100
64 63.0 55.5 83.3
63 34.2 31.3 46.9

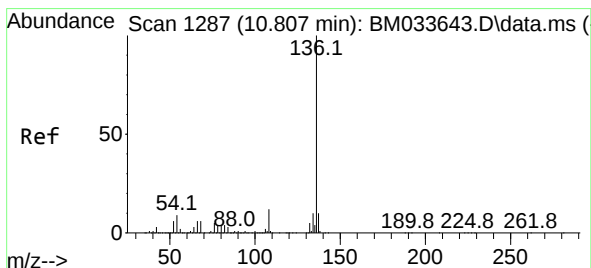
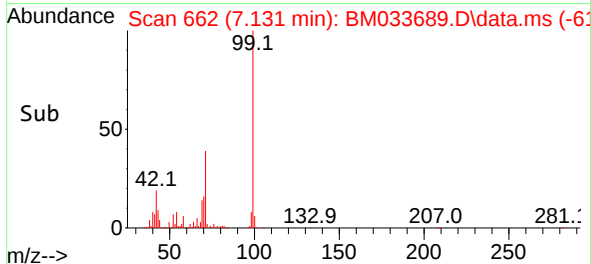
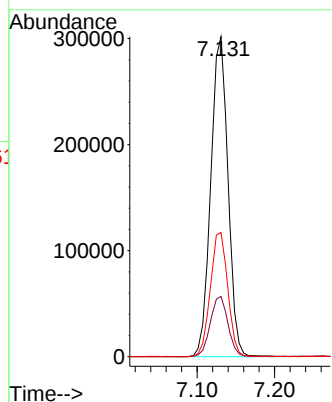
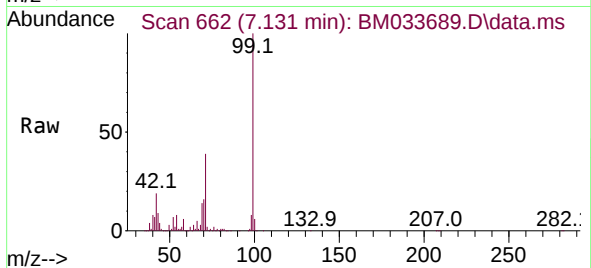




#7
Phenol-d6
Concen: 25.854 ng
RT: 7.131 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

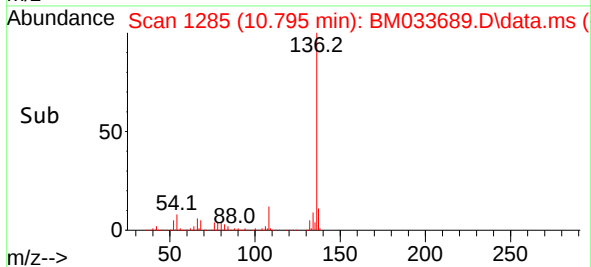
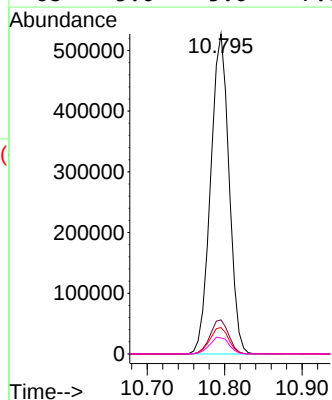
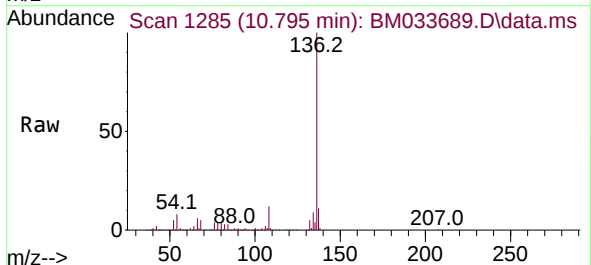
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

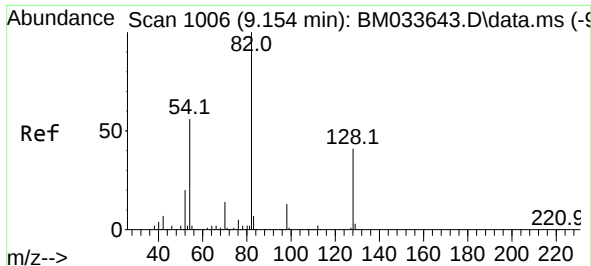
Tgt Ion: 99 Resp: 466764
Ion Ratio Lower Upper
99 100
42 18.8 20.3 30.5#
71 38.8 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 136 Resp: 869403
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 8.3 12.5#
68 5.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 62.311 ng

RT: 9.142 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM033689.D

Acq: 10 Jan 2022 16:40

Instrument :

BNA_M

ClientSampleId :

OB-CS-12

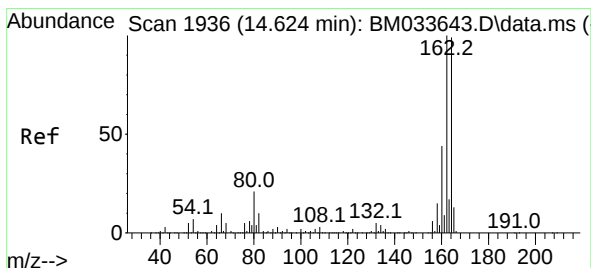
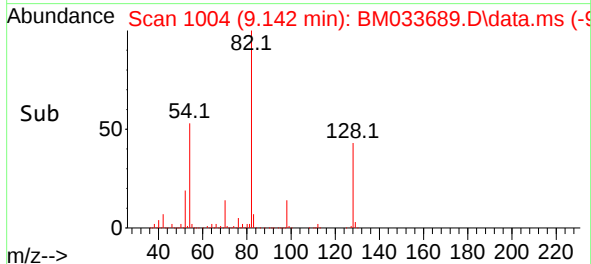
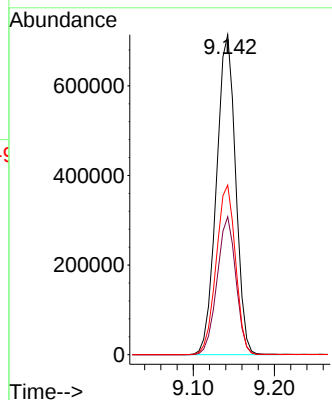
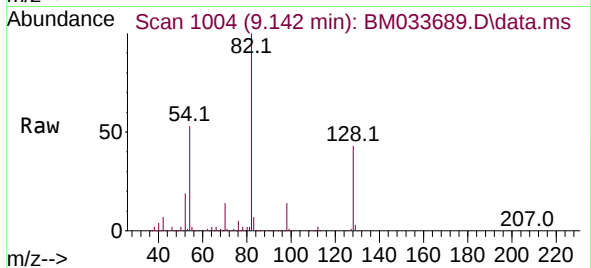
Tgt Ion: 82 Resp: 1173028

Ion Ratio Lower Upper

82 100

128 43.1 28.1 42.1#

54 53.0 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.613 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BM033689.D

Acq: 10 Jan 2022 16:40

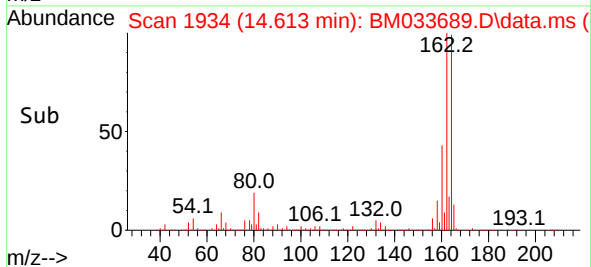
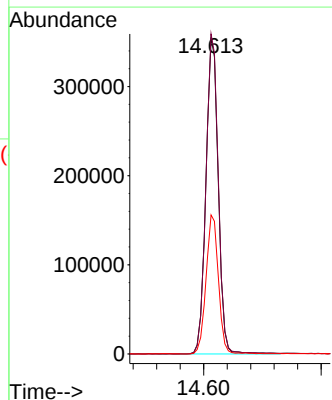
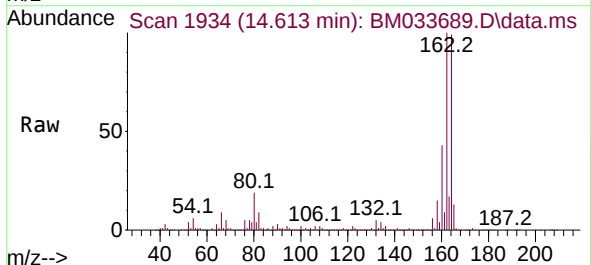
Tgt Ion:164 Resp: 518687

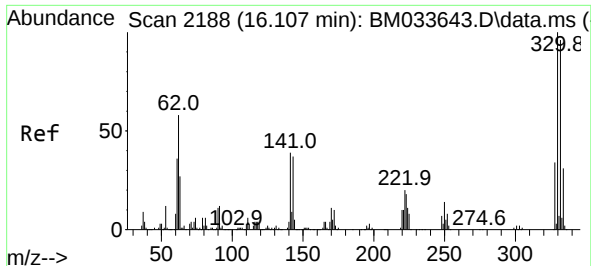
Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 44.0 34.2 51.4

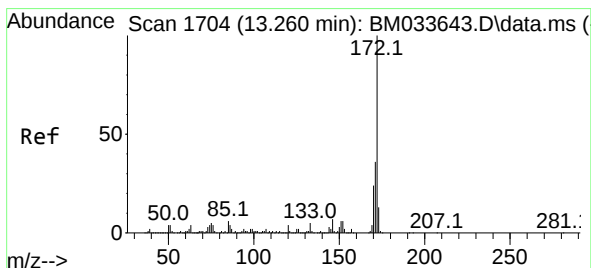
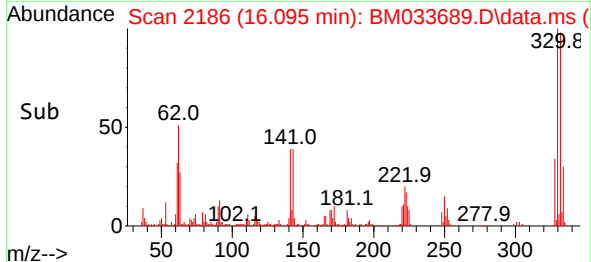
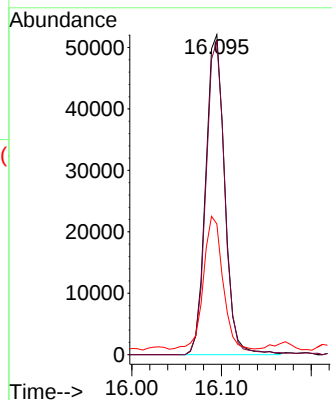
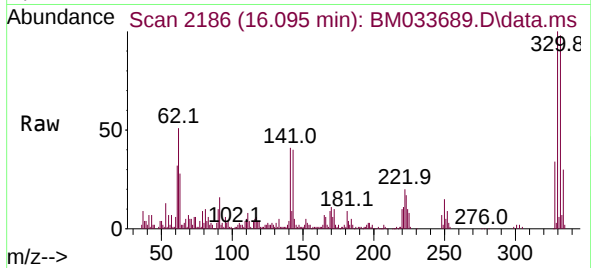




#42
2,4,6-Tribromophenol
Concen: 14.144 ng
RT: 16.095 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

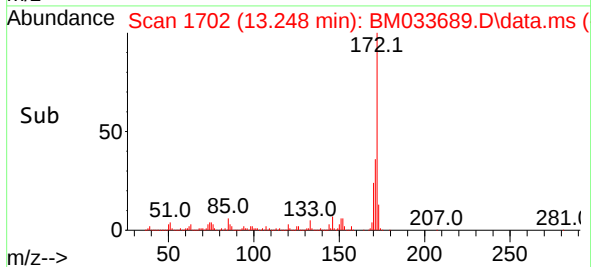
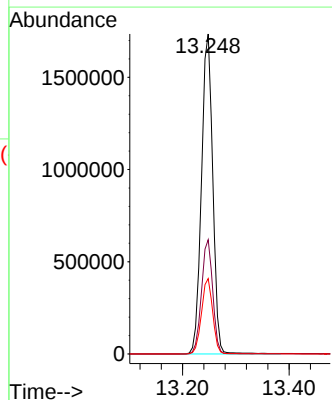
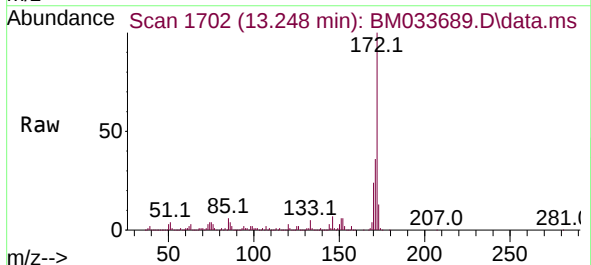
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

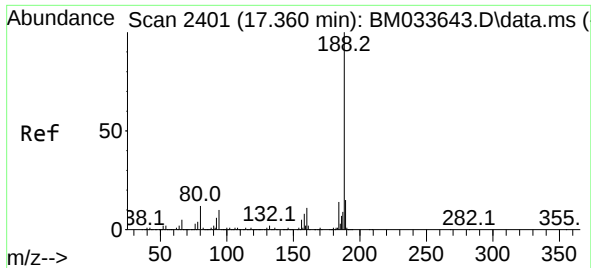
Tgt Ion:330 Resp: 76628
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 43.6 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 64.476 ng
RT: 13.248 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:172 Resp: 2553290
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.6 18.7 28.1

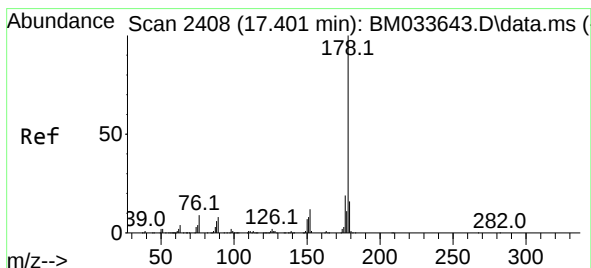
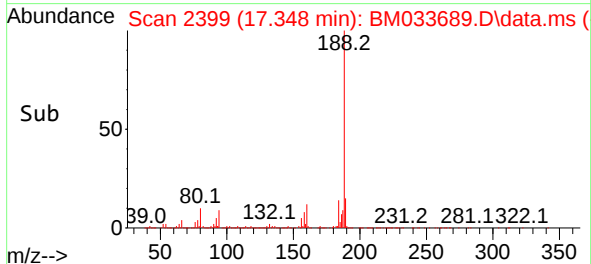
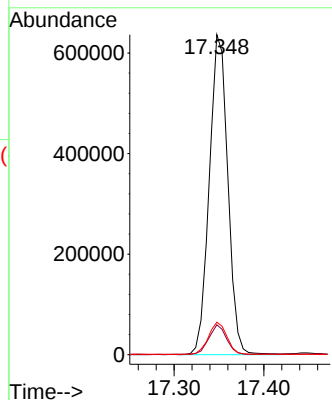
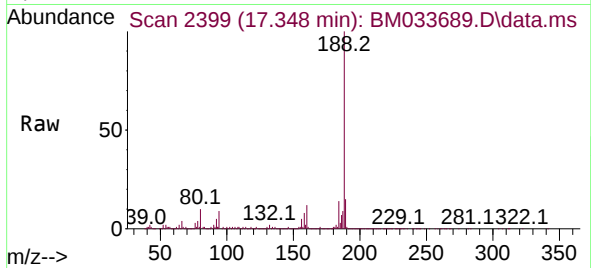




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

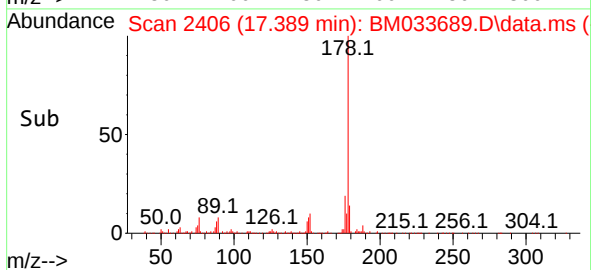
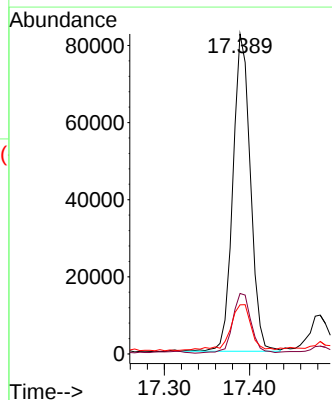
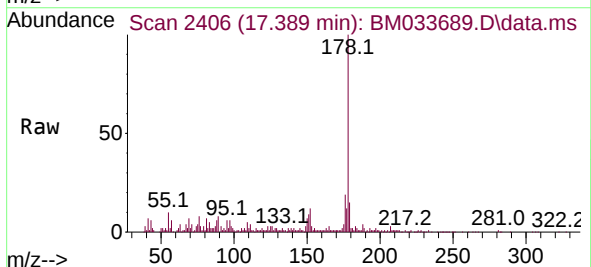
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

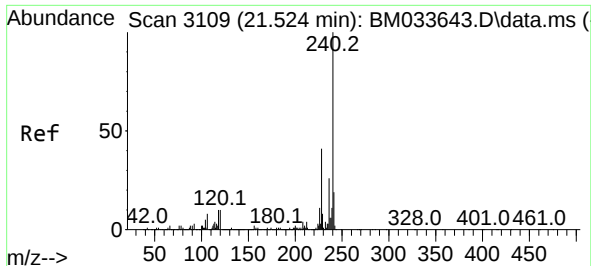
Tgt Ion:188 Resp: 913308
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.2 8.9 13.3



#71
Phenanthrene
Concen: 2.248 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:178 Resp: 117469
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.0 18.0

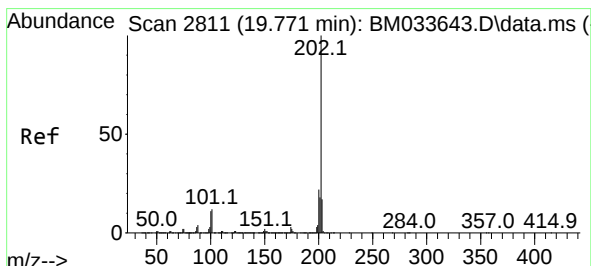
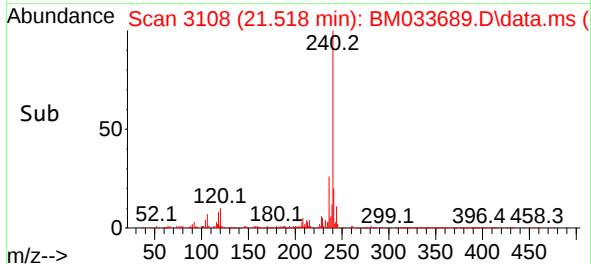
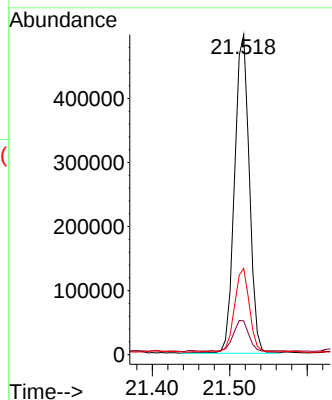
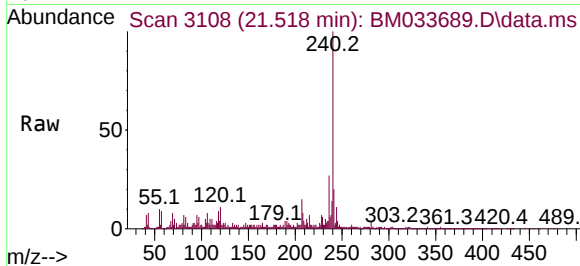




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

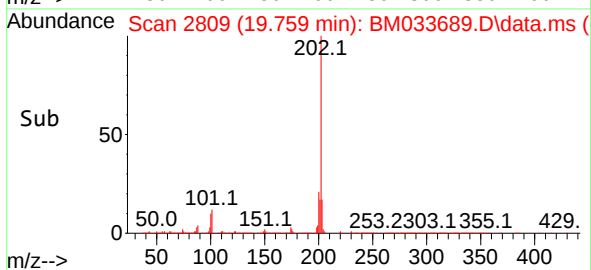
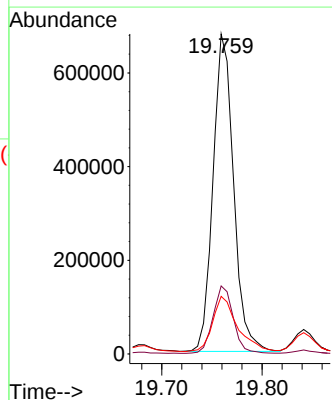
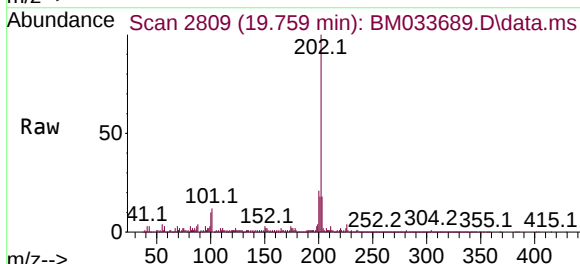
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

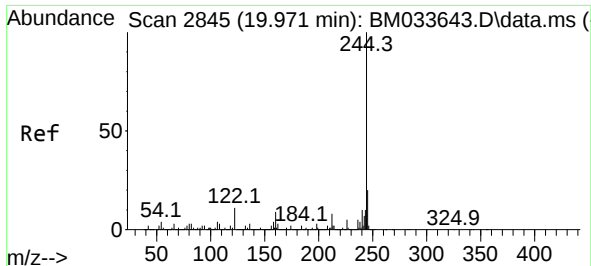
Tgt Ion:240 Resp: 660535
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.9 20.3 30.5



#78
Pyrene
Concen: 20.741 ng
RT: 19.759 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:202 Resp: 964567
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 18.0 13.5 20.3

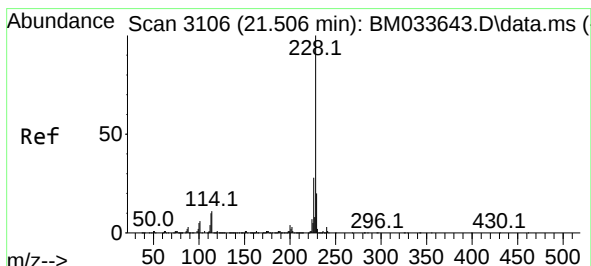
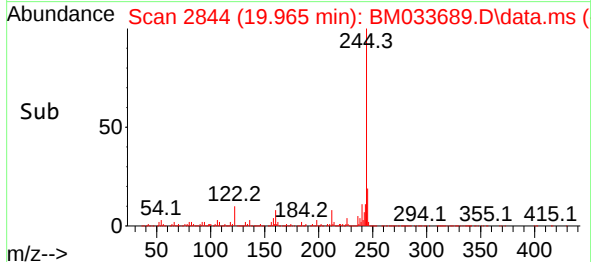
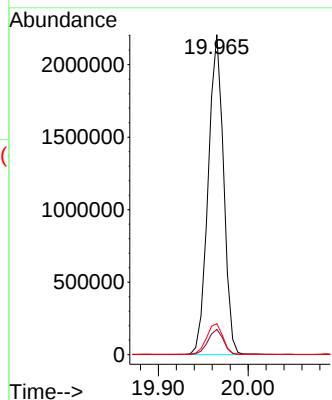
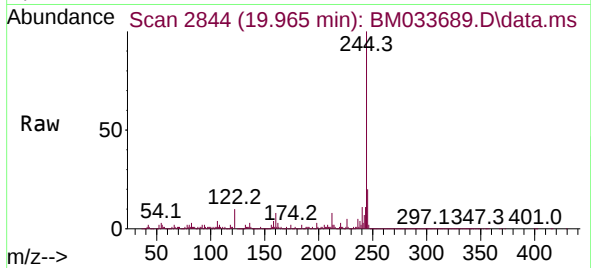




#79
 Terphenyl-d14
 Concen: 71.507 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033689.D
 Acq: 10 Jan 2022 16:40

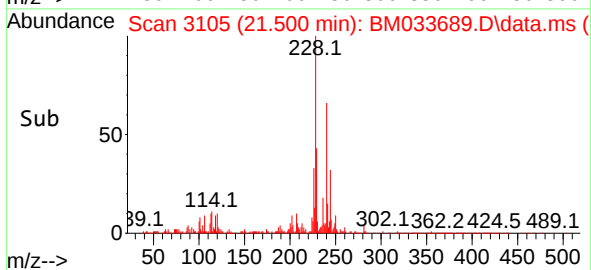
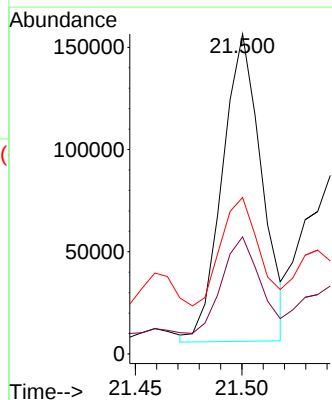
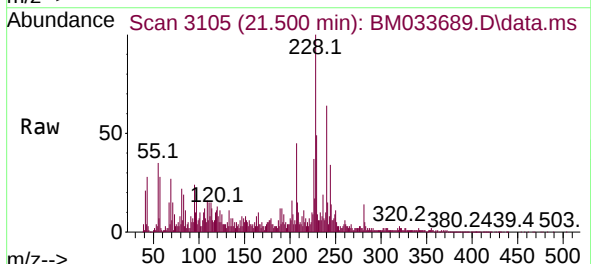
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-12

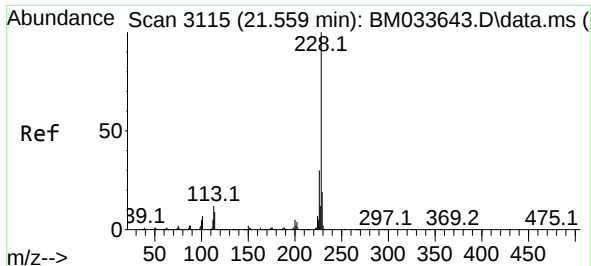
Tgt Ion:244 Resp: 2624047
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.7 8.4 12.6



#81
 Benzo(a)anthracene
 Concen: 4.327 ng
 RT: 21.500 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BM033689.D
 Acq: 10 Jan 2022 16:40

Tgt Ion:228 Resp: 193826
 Ion Ratio Lower Upper
 228 100
 226 36.6 21.0 31.6#
 229 48.9 15.5 23.3#

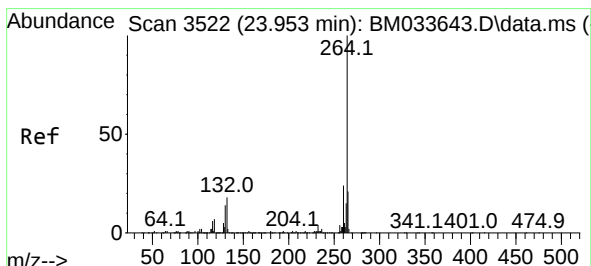
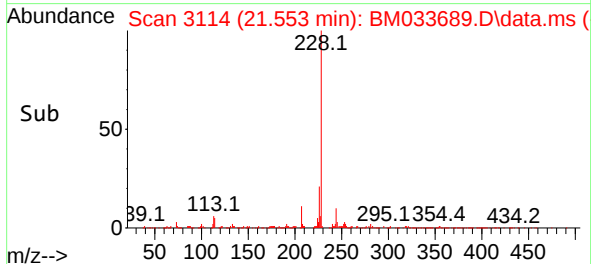
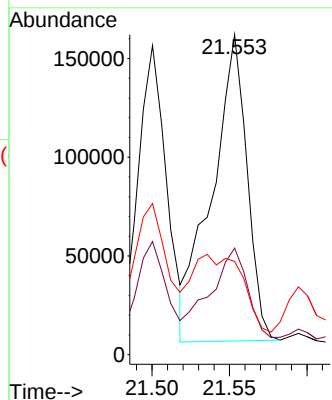
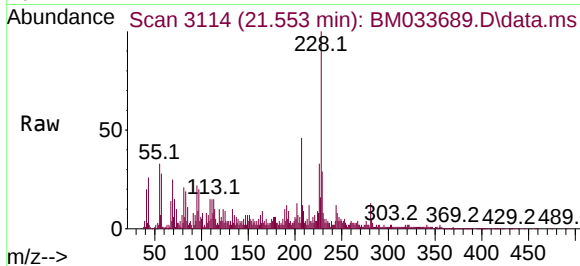




#83
Chrysene
Concen: 5.712 ng
RT: 21.553 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

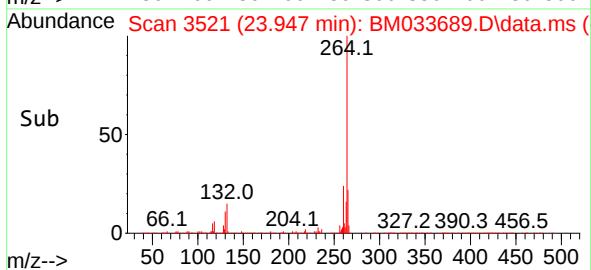
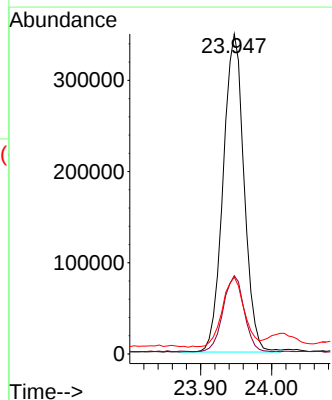
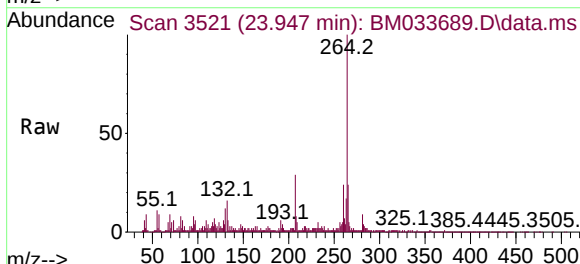
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

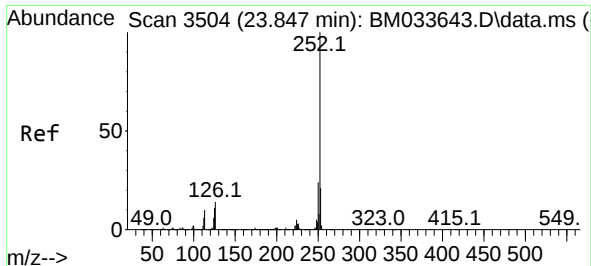
Tgt Ion:228 Resp: 244840
Ion Ratio Lower Upper
228 100
226 33.3 23.8 35.8
229 29.1 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:264 Resp: 711843
Ion Ratio Lower Upper
264 100
260 24.4 17.7 26.5
265 24.0 17.7 26.5

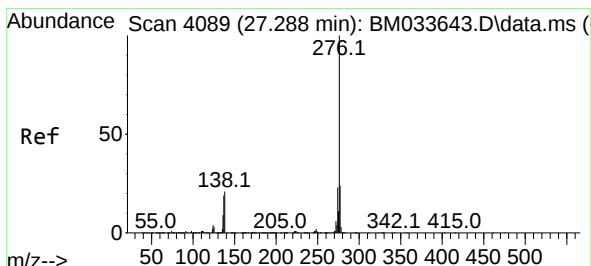
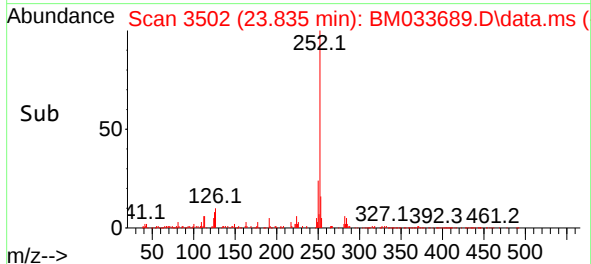
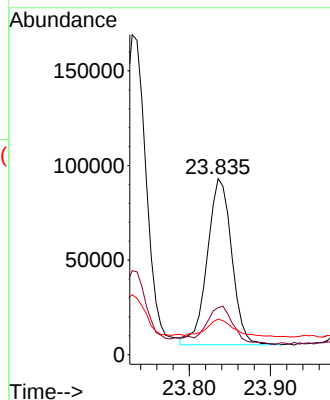
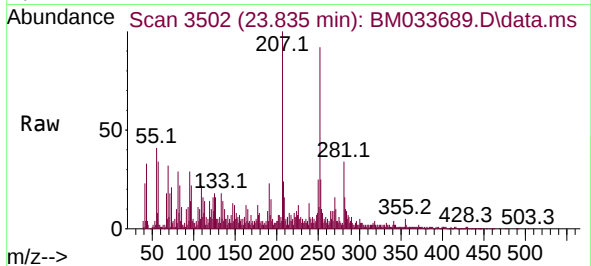




#90
Benzo(a)pyrene
Concen: 4.884 ng
RT: 23.835 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Instrument :
BNA_M
ClientSampleId :
OB-CS-12

Tgt Ion:252 Resp: 183981
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3#
125 20.2 7.8 11.8#



#92
Benzo(g,h,i)perylene
Concen: 5.577 ng
RT: 27.265 min Scan# 4085
Delta R.T. -0.024 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion:276 Resp: 239058
Ion Ratio Lower Upper
276 100
277 26.0 19.1 28.7
138 24.6 14.8 22.2#

