

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)

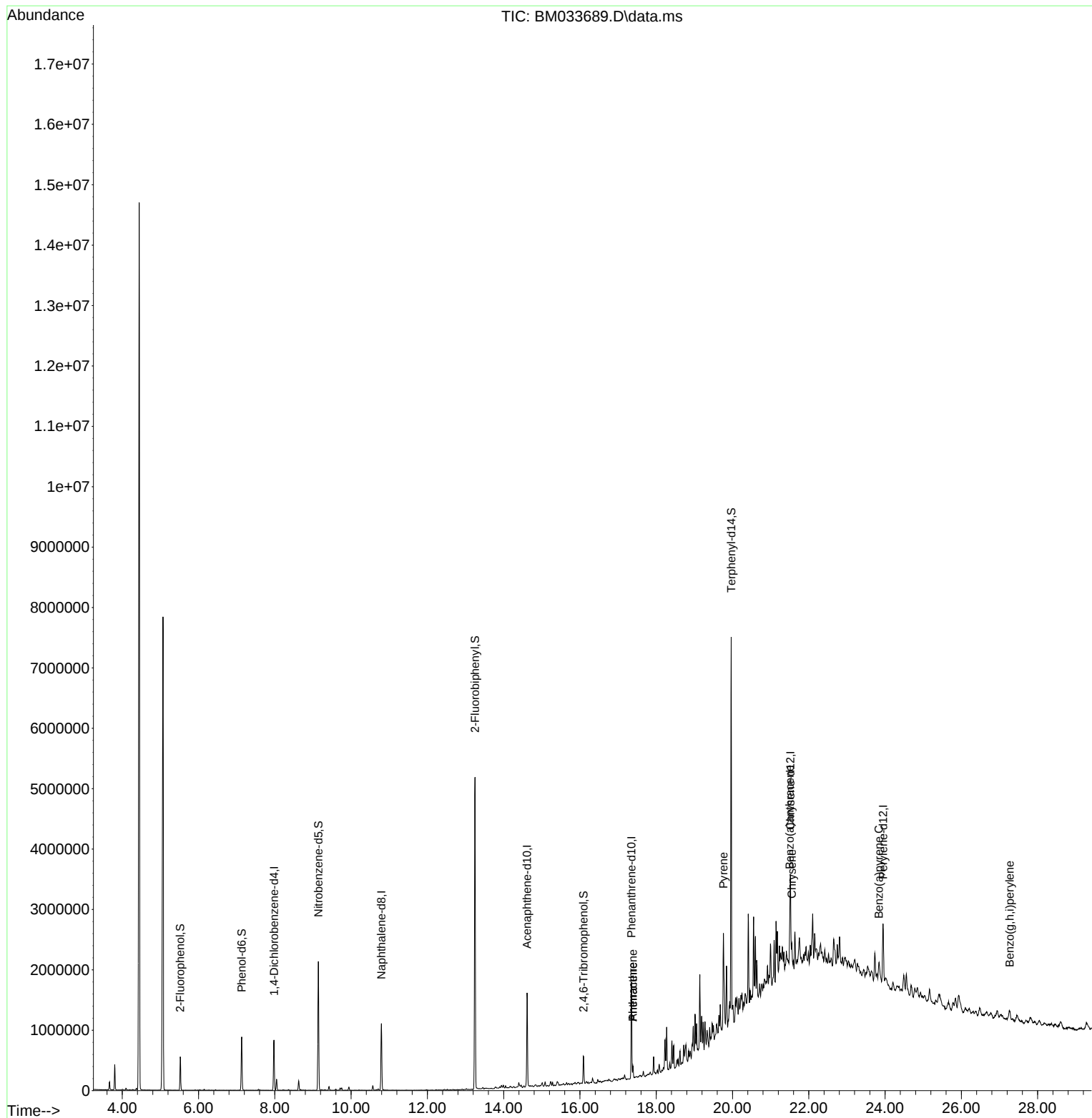
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	211268	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	869403	20.000	ng	#-0.01
39) Acenaphthene-d10	14.613	164	518687	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	913308	20.000	ng	-0.01
76) Chrysene-d12	21.518	240	660535	20.000	ng	0.00
86) 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
9) Benzaldehyde	7.125	77	1311	Below Cal	#	31
71) Phenanthrene	17.389	178	117469	2.248	ng	100
72) Anthracene	17.389	178	117469	2.291	ng	98
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

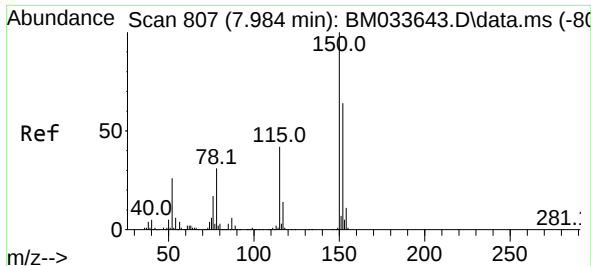
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

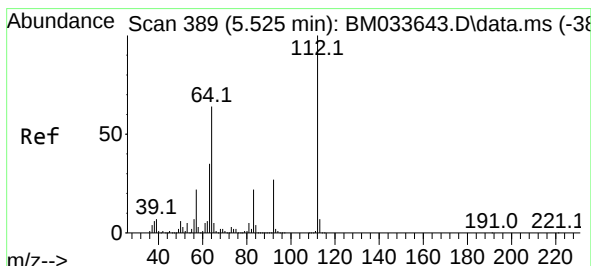
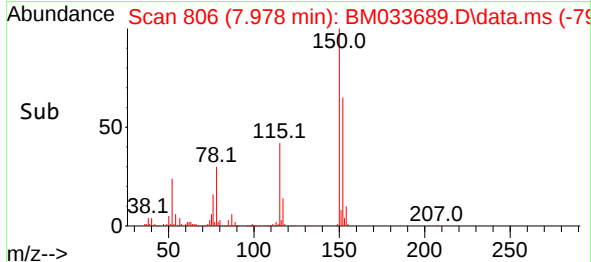
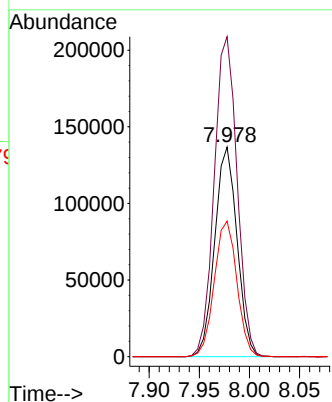
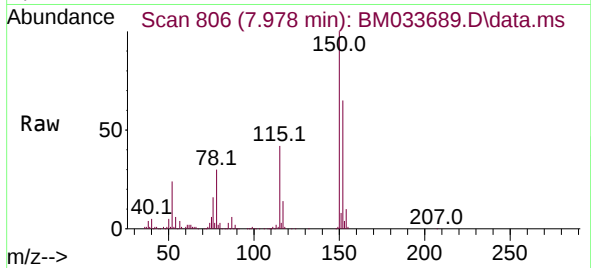




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

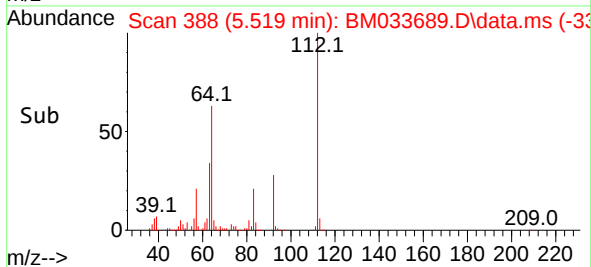
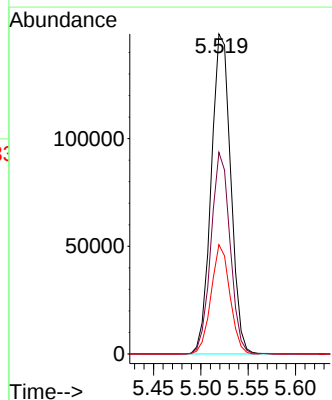
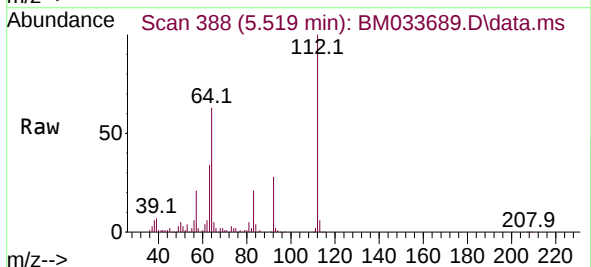
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

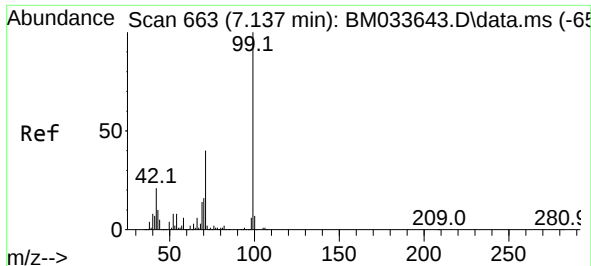
Tgt Ion:152 Resp: 211268
Ion Ratio Lower Upper
152 100
150 152.7 128.9 193.3
115 64.7 53.0 79.6



#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

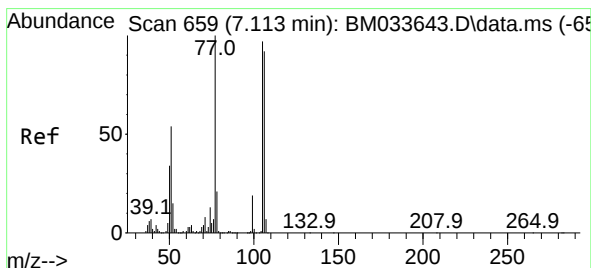
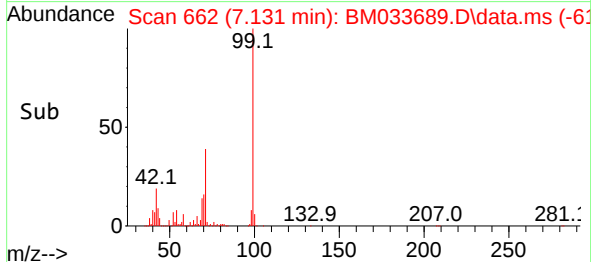
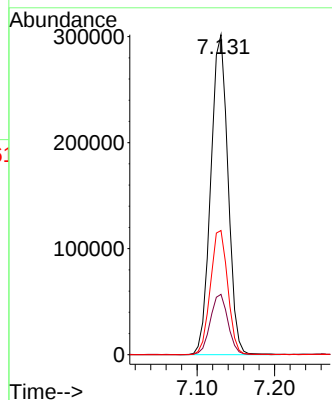
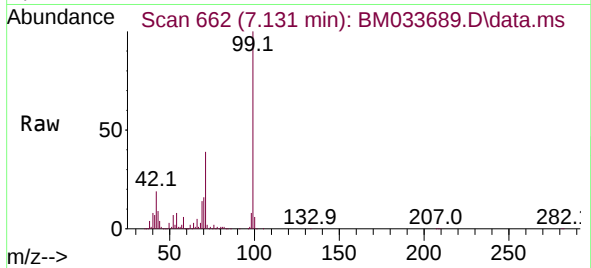




#7
Phenol-d6
Concen: 25.854 ng
RT: 7.131 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

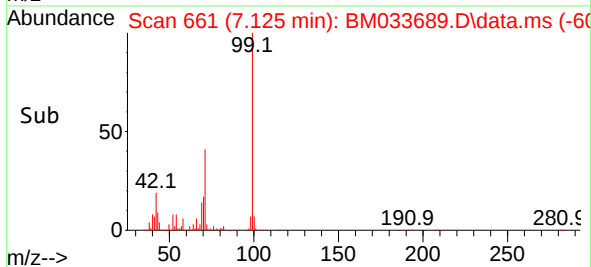
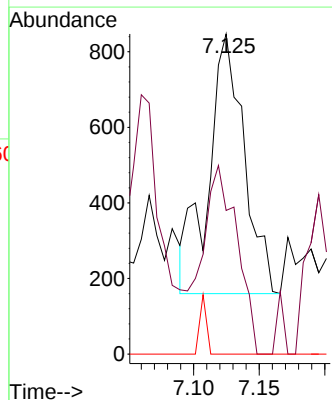
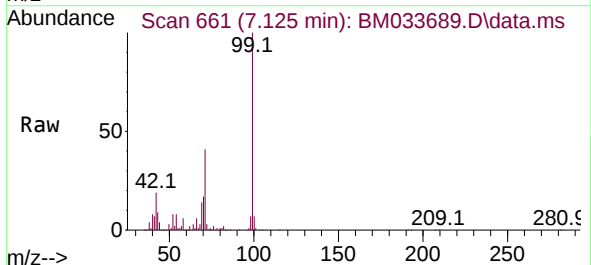
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

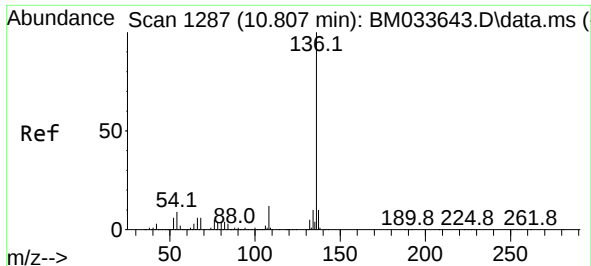
Tgt Ion: 99 Resp: 466764
Ion Ratio Lower Upper
99 100
42 18.8 20.3 30.5#
71 38.8 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 77 Resp: 1311
Ion Ratio Lower Upper
77 100
105 44.9 67.1 107.1#
106 0.0 64.3 104.3#

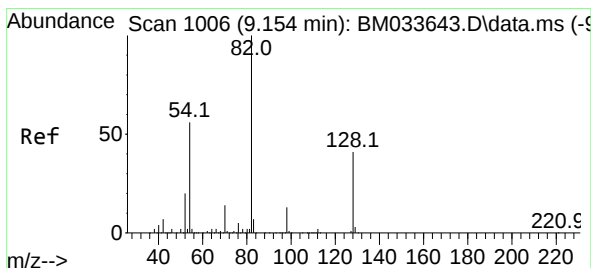
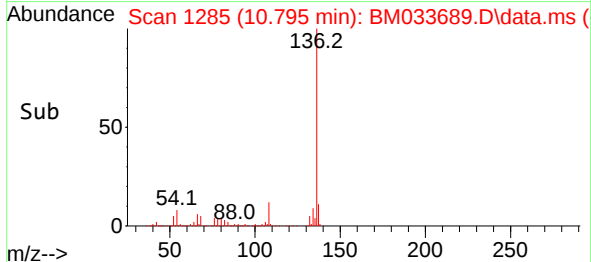
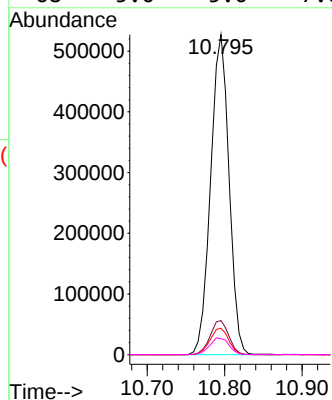
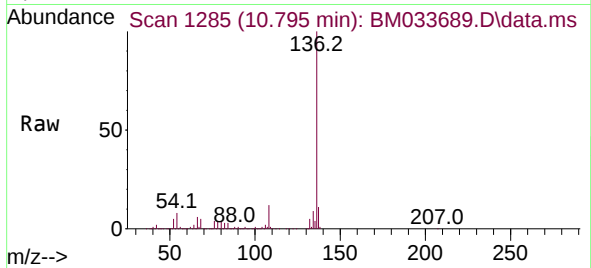




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

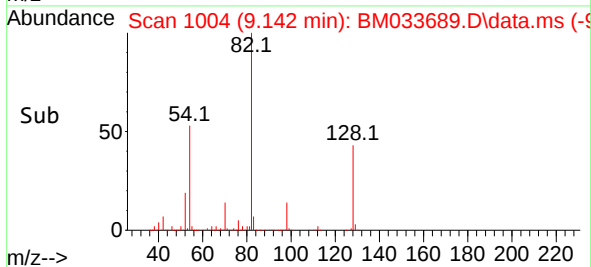
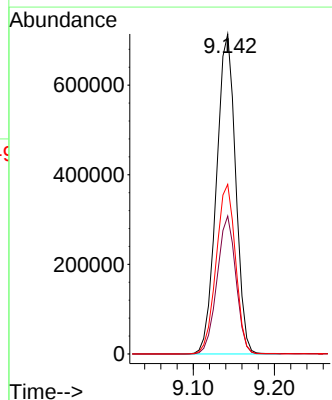
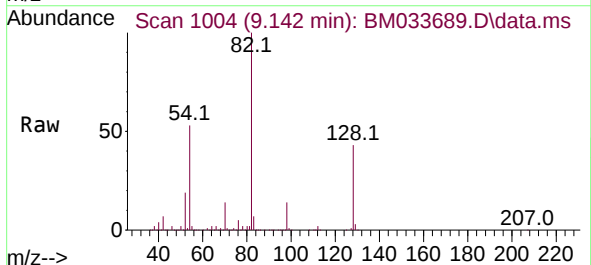
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

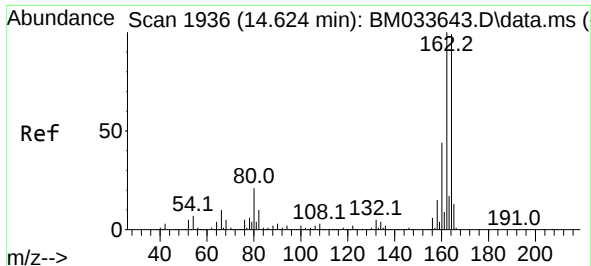
Tgt Ion:136 Resp: 869403
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 8.3 12.5#
68 5.0 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 62.311 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

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

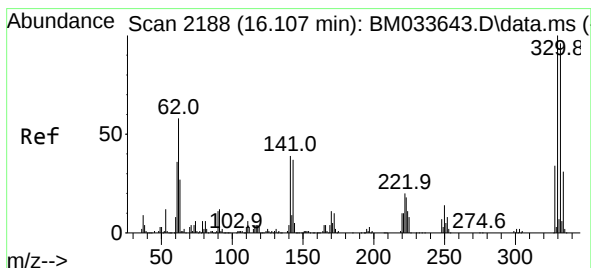
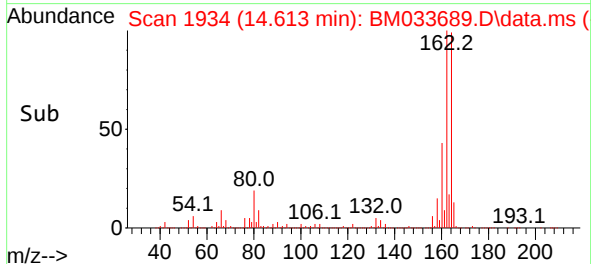
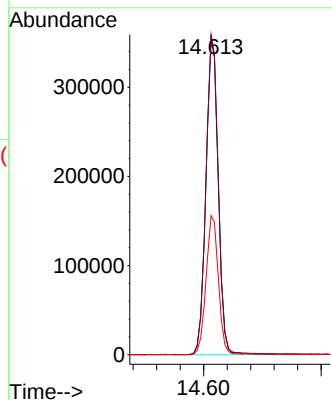
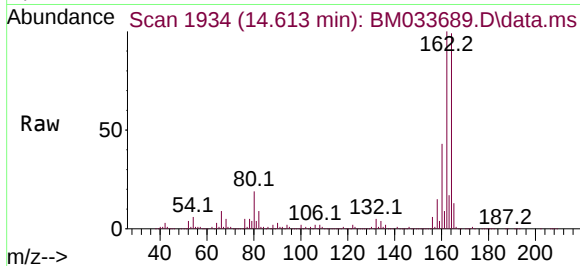




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

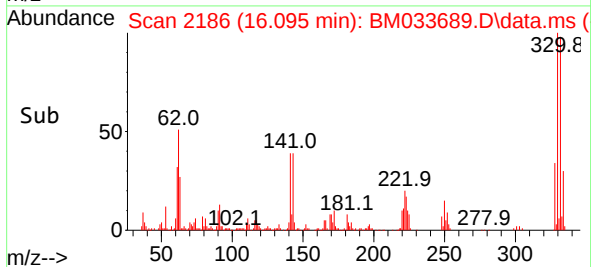
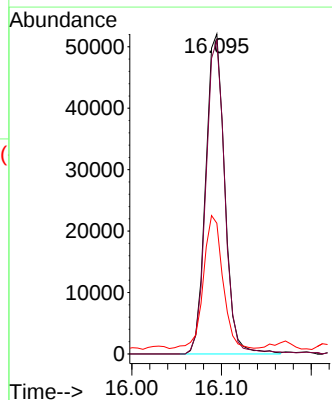
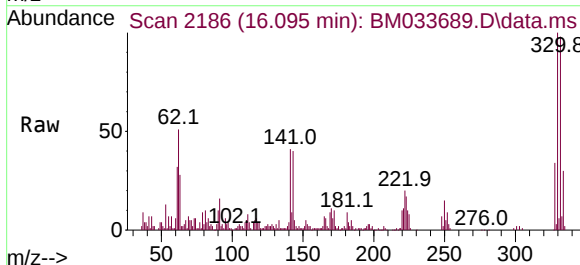
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

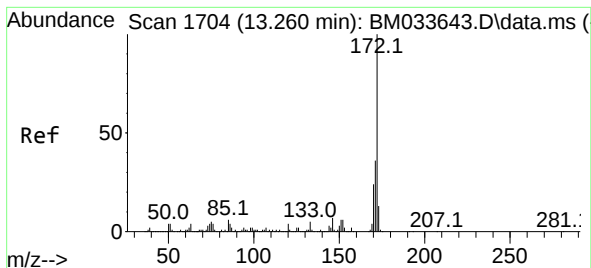
Tgt Ion:164 Resp: 518687
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 44.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 14.144 ng
RT: 16.095 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

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

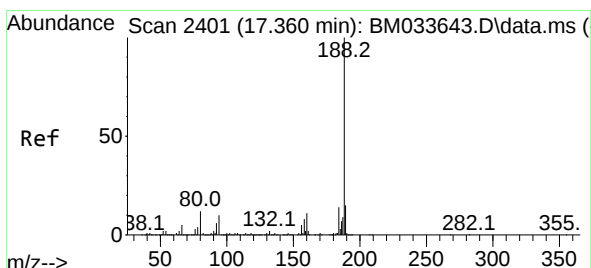
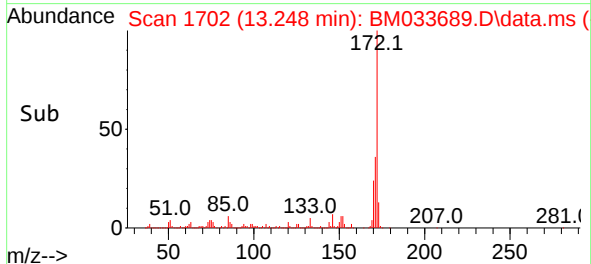
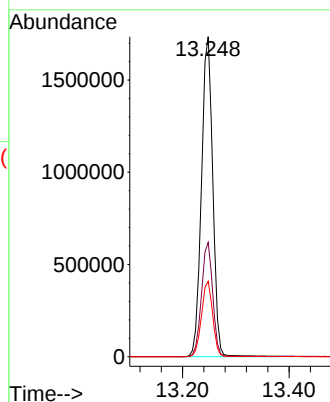
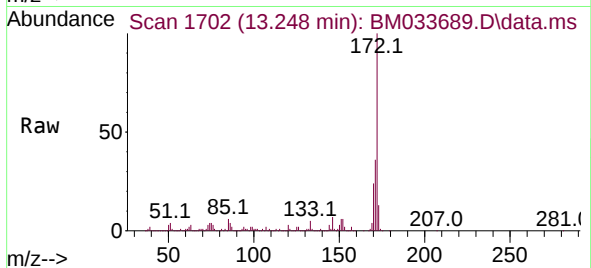




#45
2-Fluorobiphenyl
Concen: 64.476 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

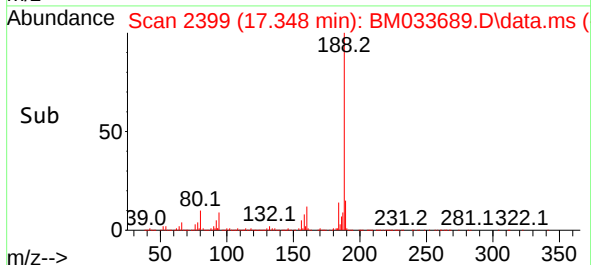
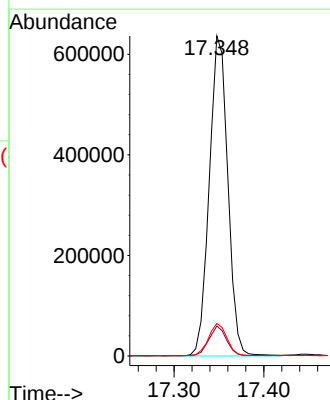
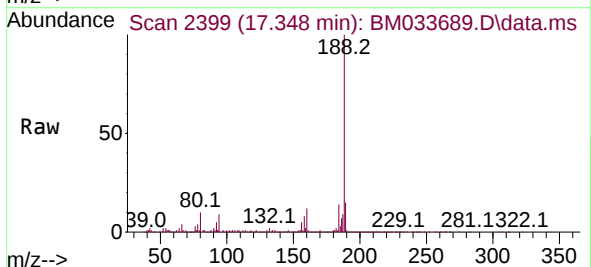
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

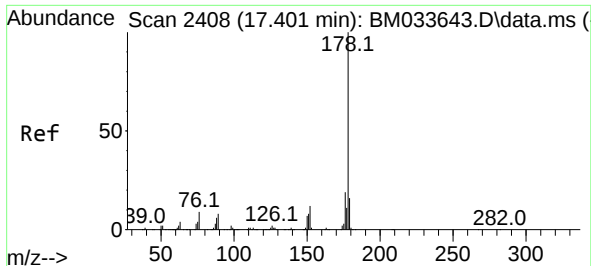
Tgt Ion:172 Resp: 2553290
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

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

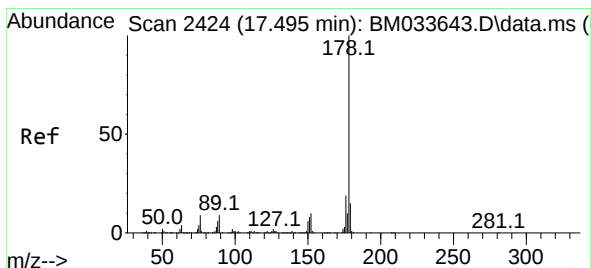
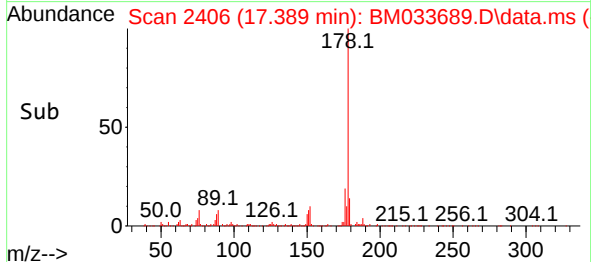
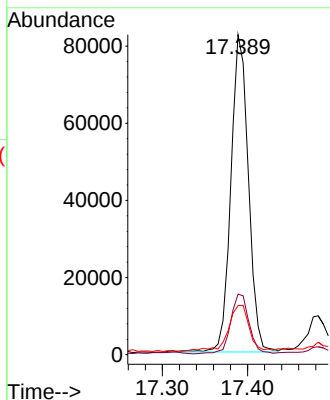
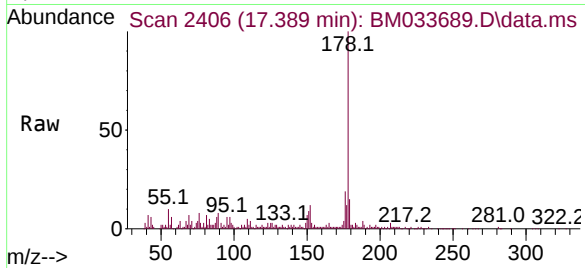




#71
Phenanthrene
Concen: 2.248 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

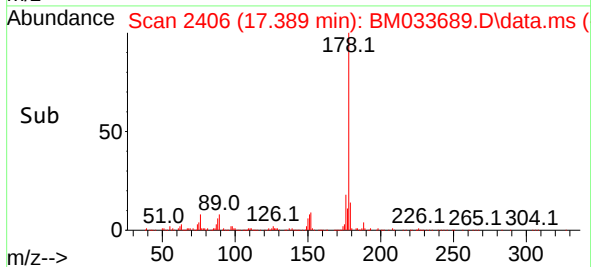
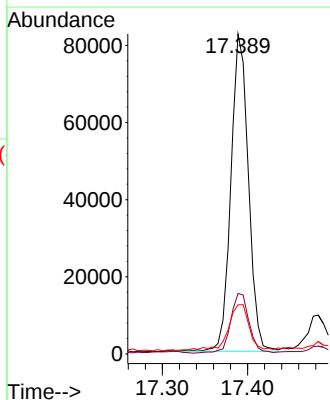
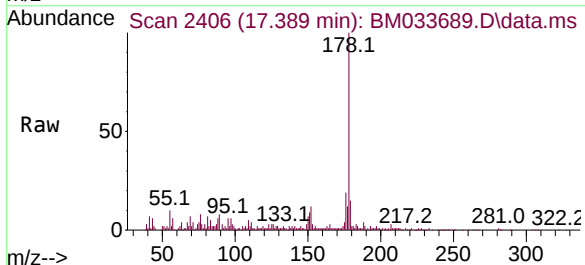
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

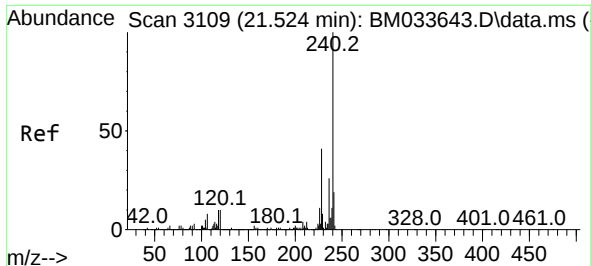
Tgt Ion:178 Resp: 117469
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 2.291 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.106 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 14.5 21.7
179 15.4 11.9 17.9

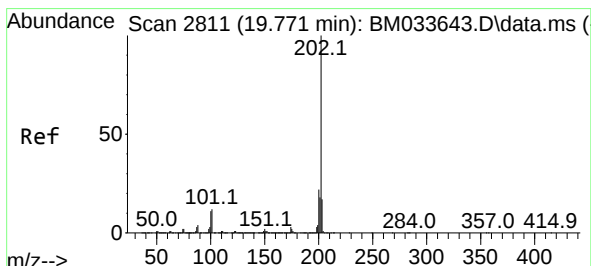
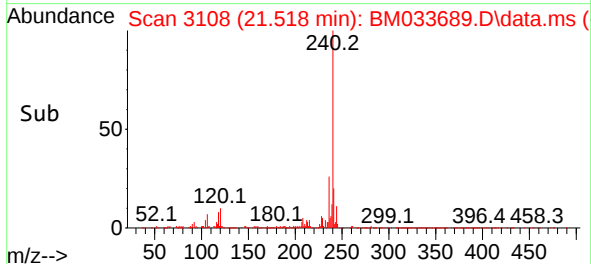
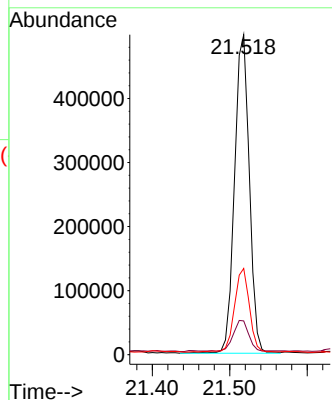
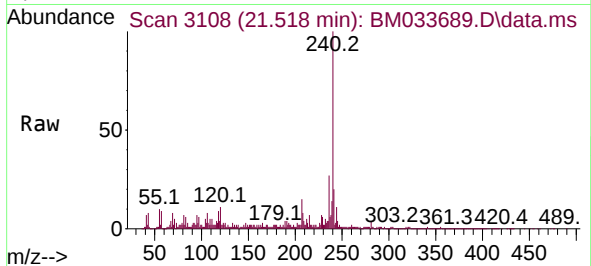




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

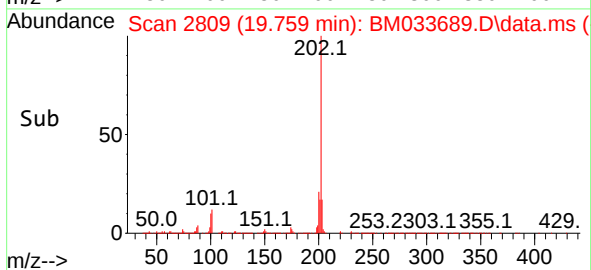
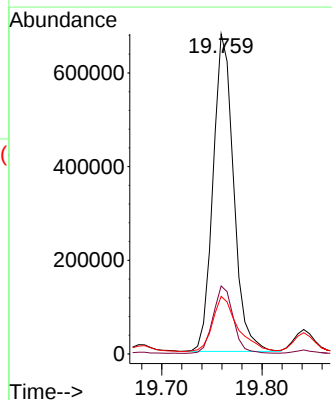
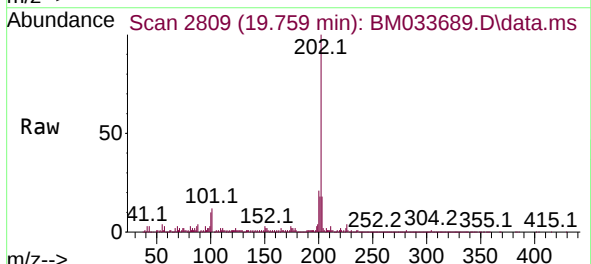
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

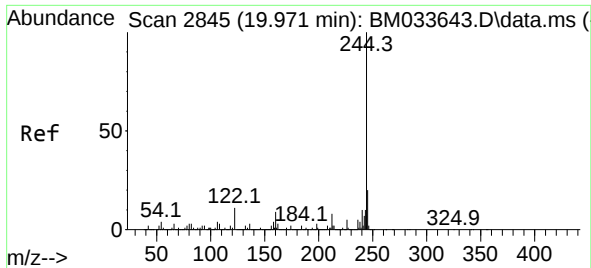
Tgt Ion:240 Resp: 660535
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.9 20.3 30.5



#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

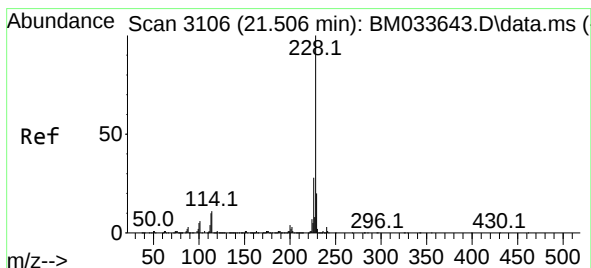
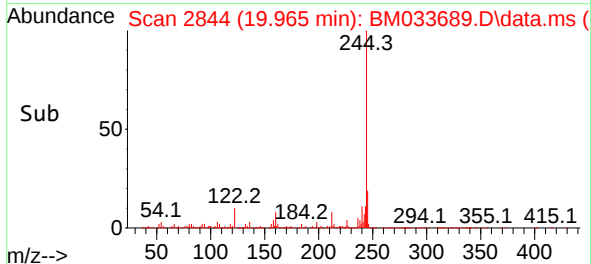
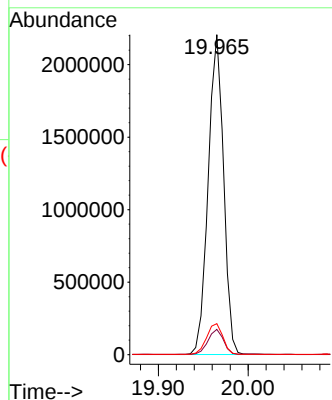
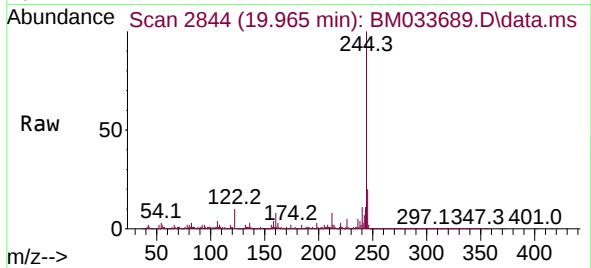




#79
 Terphenyl-d14
 Concen: 71.507 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033689.D
 Acq: 10 Jan 2022 16:40

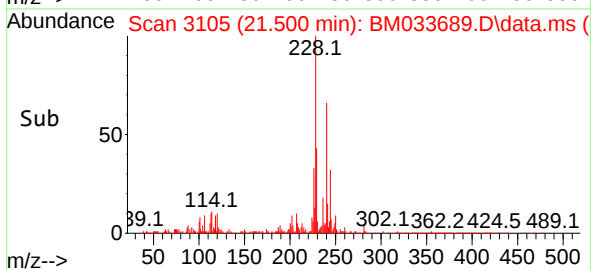
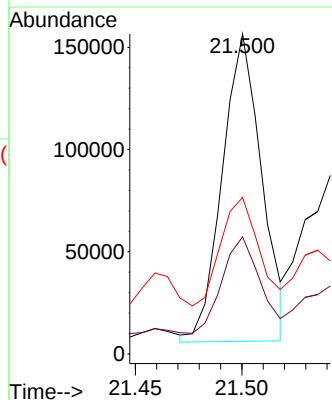
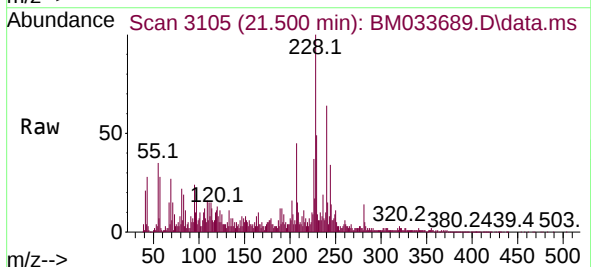
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-12

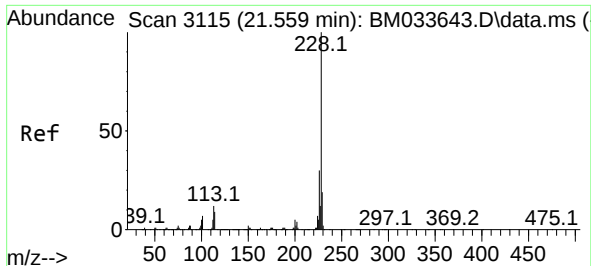
Tgt Ion:244 Resp: 2624047
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.7 8.4 12.6



#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#

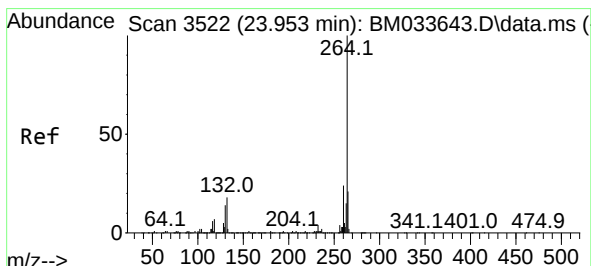
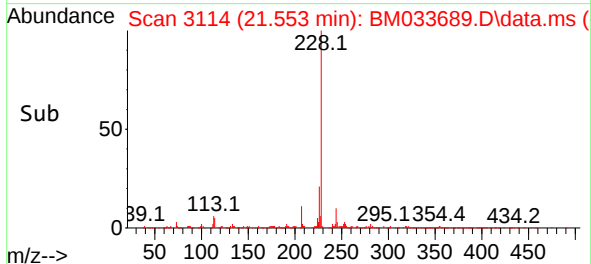
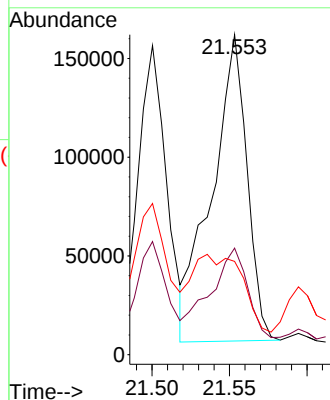
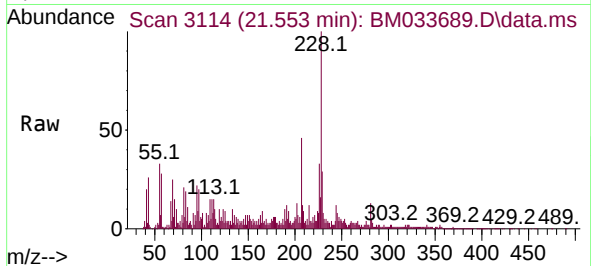




#83
Chrysene
Concen: 5.712 ng
RT: 21.553 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

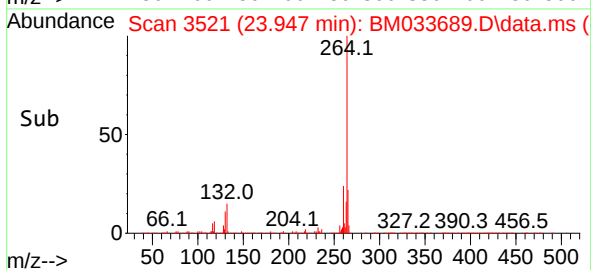
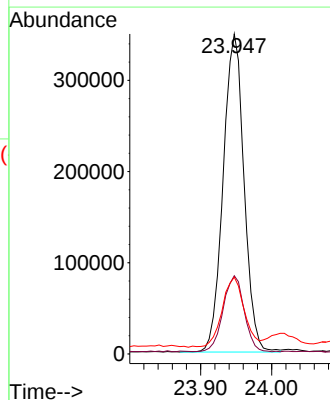
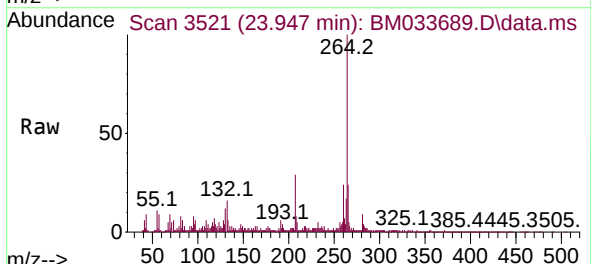
Instrument :
BNA_M
ClientSampleId :
OB-CS-12

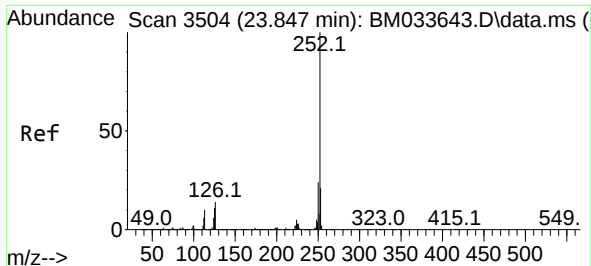
Tgt Ion:228 Resp: 244840
Ion Ratio Lower Upper
228 100
226 33.3 23.8 35.8
229 29.1 15.8 23.8#



#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

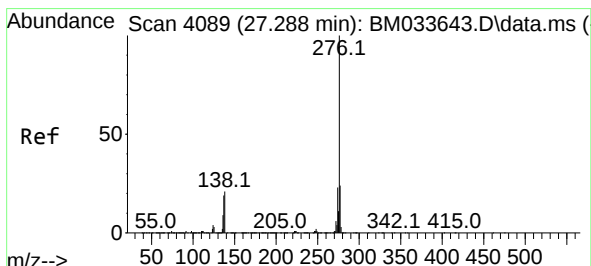
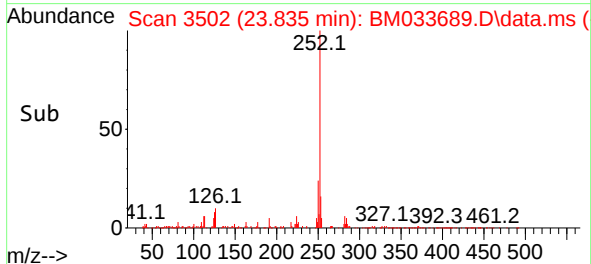
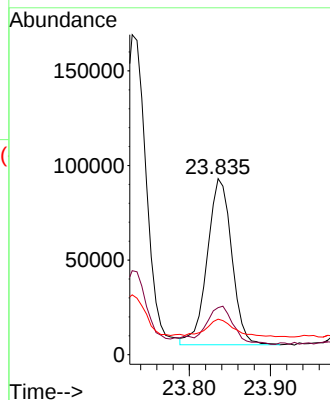
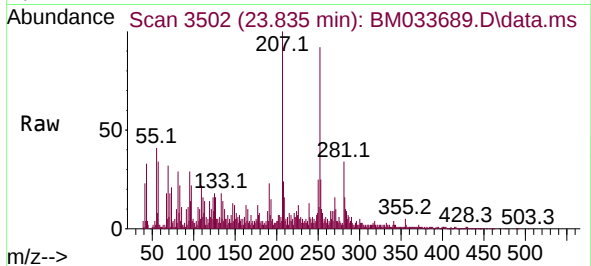




#90
Benzo(a)pyrene
Concen: 4.884 ng
RT: 23.835 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033689.D
Acq: 10 Jan 2022 16:40

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#

