

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)

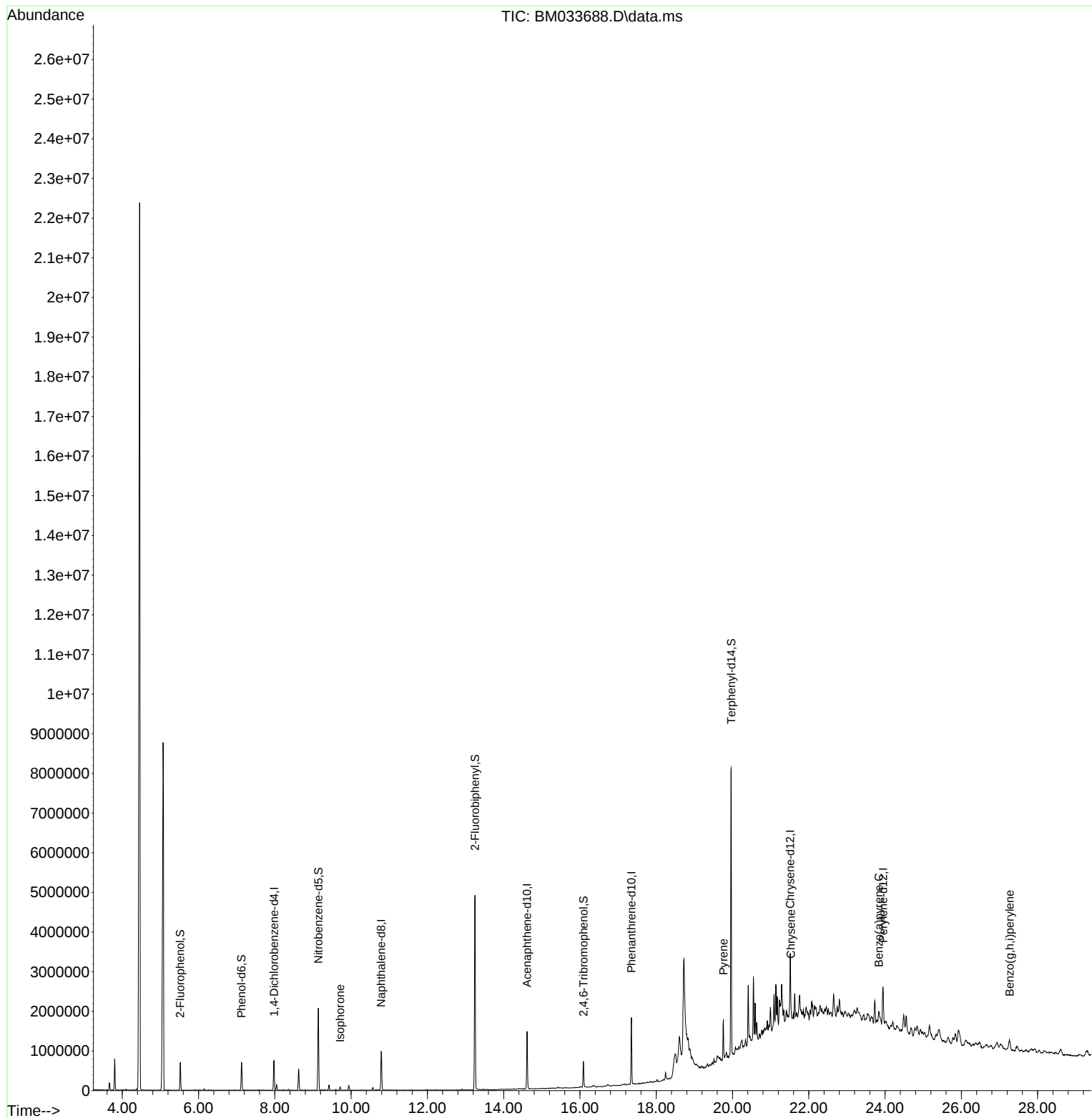
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	187866	20.000	ng	0.00
21) Naphthalene-d8	10.789	136	774778	20.000	ng	-0.02
39) Acenaphthene-d10	14.613	164	472361	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	930902	20.000	ng	-0.01
76) Chrysene-d12	21.512	240	725595	20.000	ng	-0.01
86) 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
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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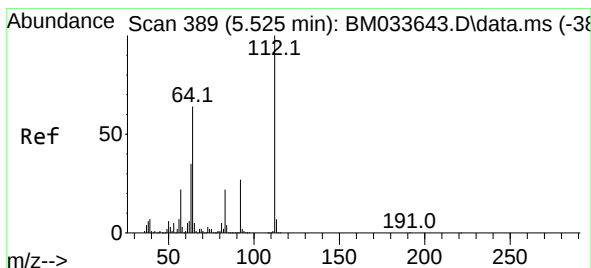
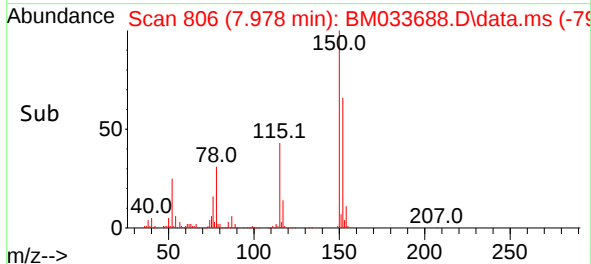
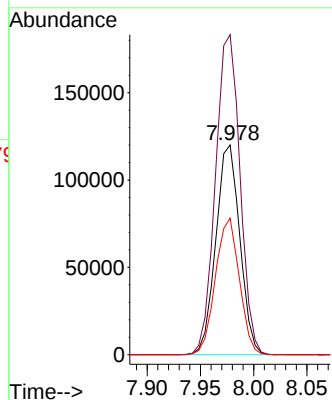
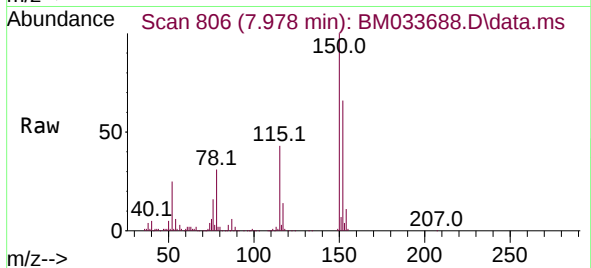




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

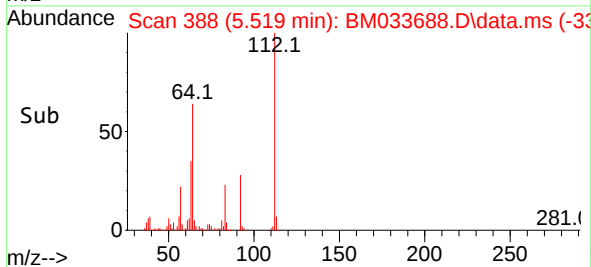
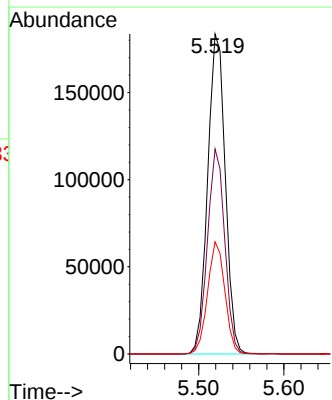
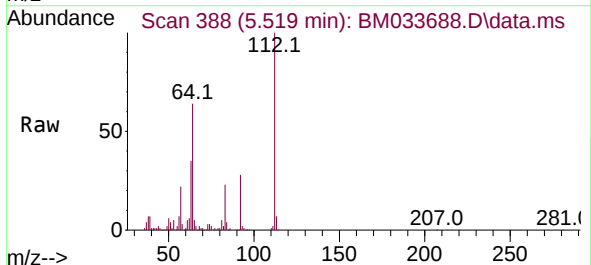
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

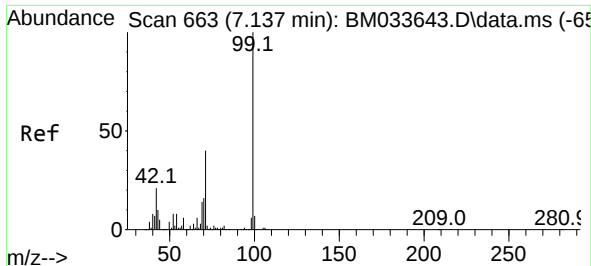
Tgt Ion:152 Resp: 187866
Ion Ratio Lower Upper
152 100
150 152.6 128.9 193.3
115 65.1 53.0 79.6



#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

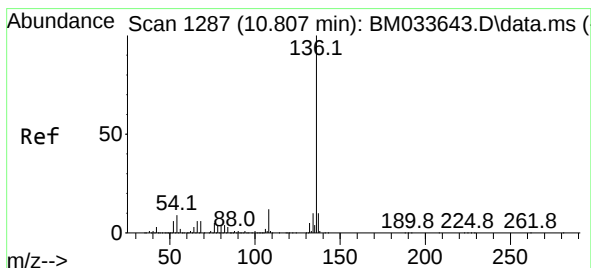
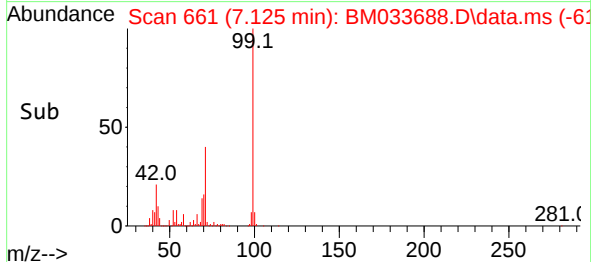
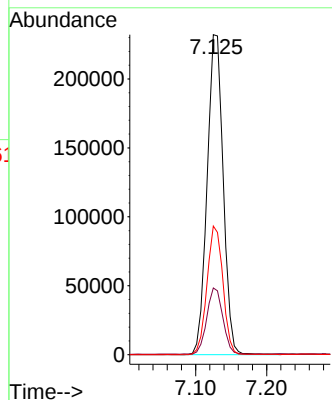
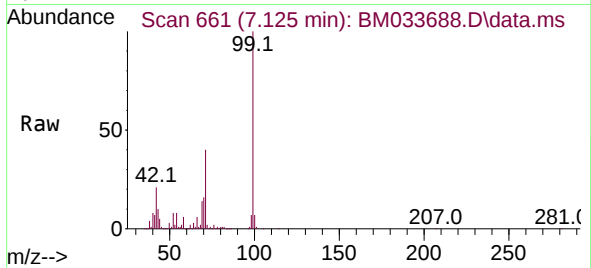




#7
Phenol-d6
Concen: 22.780 ng
RT: 7.125 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

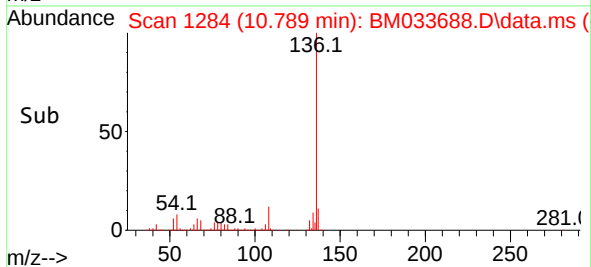
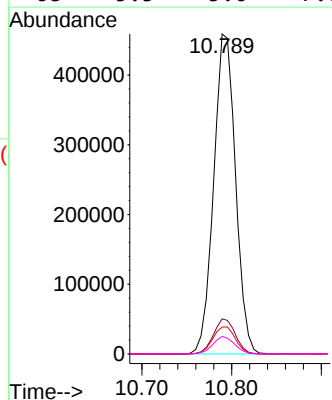
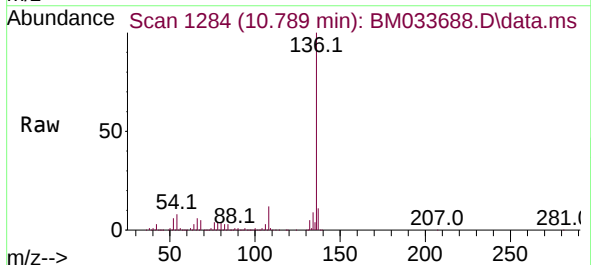
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

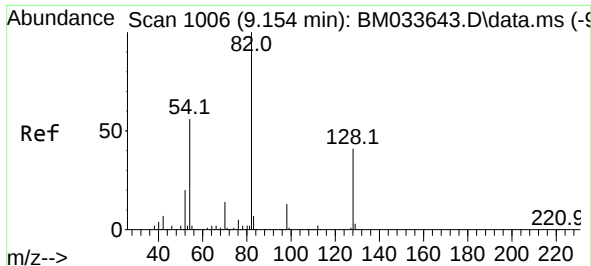
Tgt Ion:	99	Resp:	365711
Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.3	30.5
71	40.2	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.789 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

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

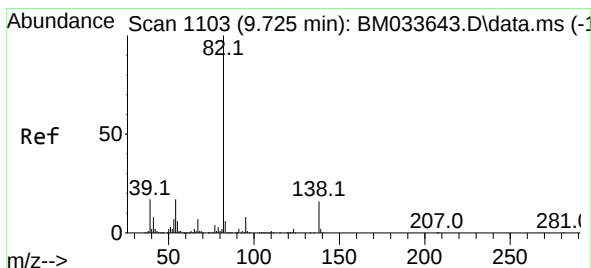
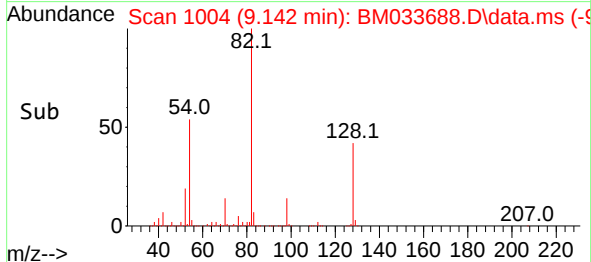
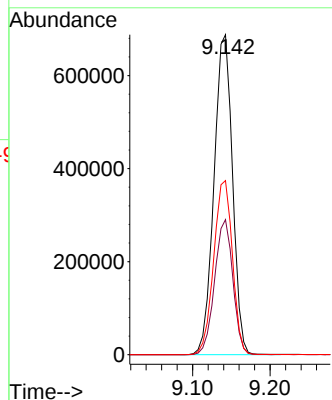
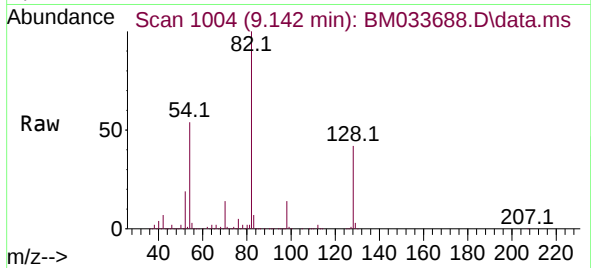




#23
Nitrobenzene-d5
Concen: 68.005 ng
RT: 9.142 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

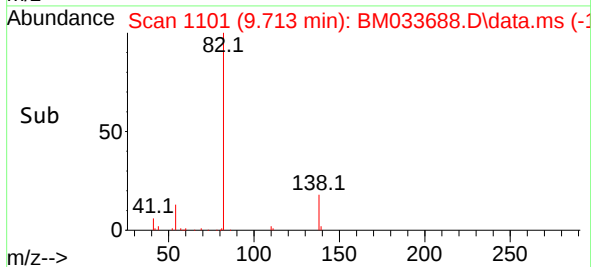
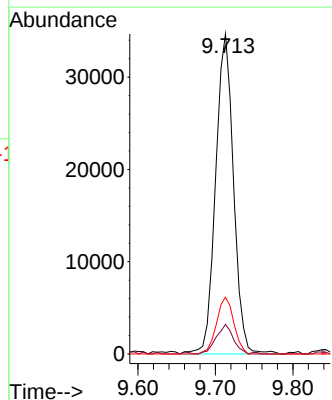
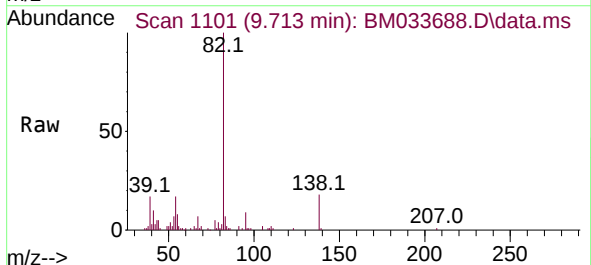
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

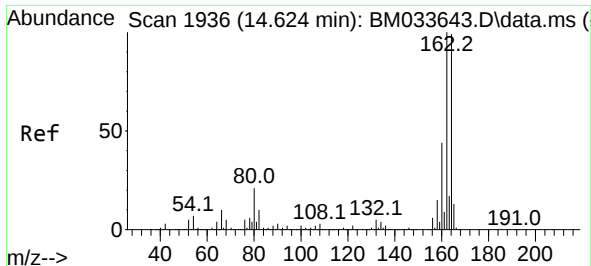
Tgt Ion: 82 Resp: 1140877
Ion Ratio Lower Upper
82 100
128 42.2 28.1 42.1#
54 54.4 46.1 69.1



#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

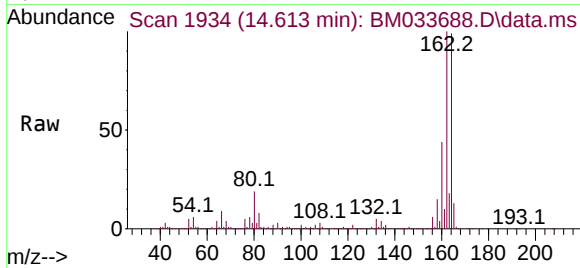
Tgt Ion: 82 Resp: 55632
Ion Ratio Lower Upper
82 100
95 9.3 6.4 9.6
138 17.8 12.4 18.6



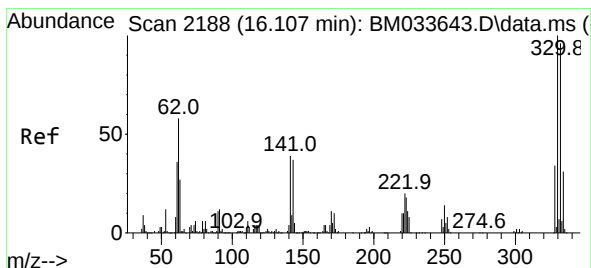
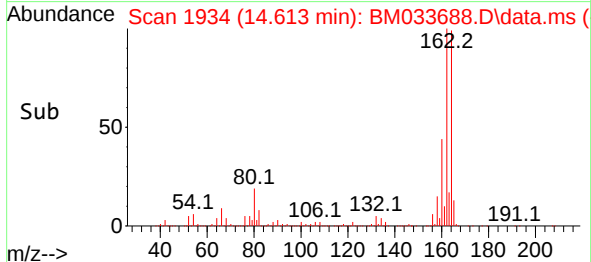
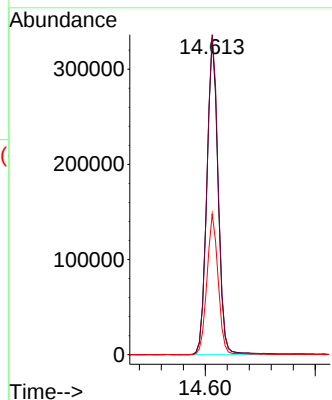


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

Instrument :
BNA_M
ClientSampleId :
OB-CS-11

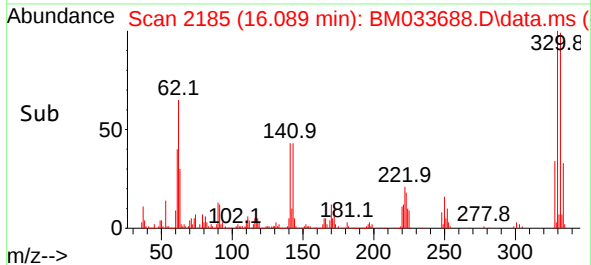
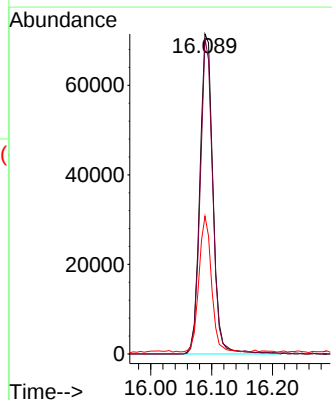
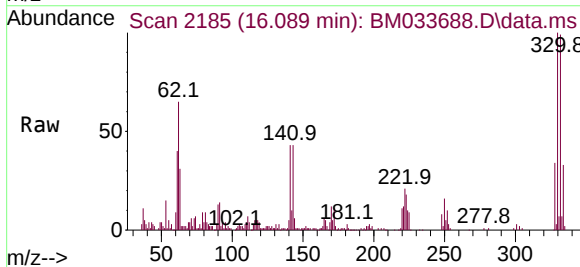


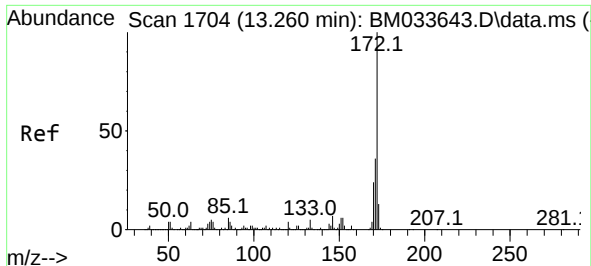
Tgt Ion:164 Resp: 472361
Ion Ratio Lower Upper
164 100
162 100.9 79.7 119.5
160 44.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 21.565 ng
RT: 16.089 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

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

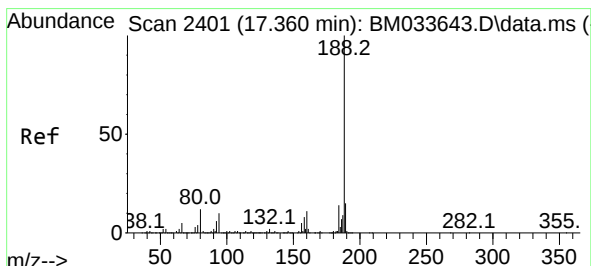
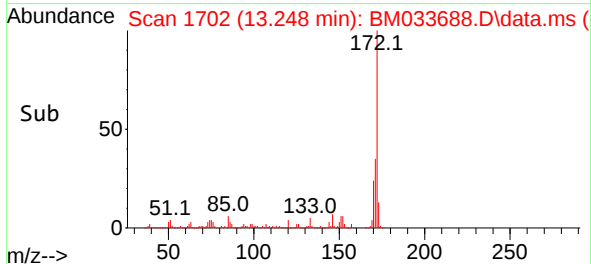
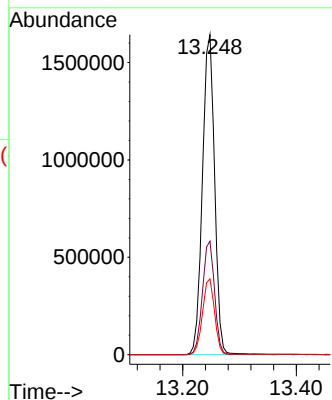
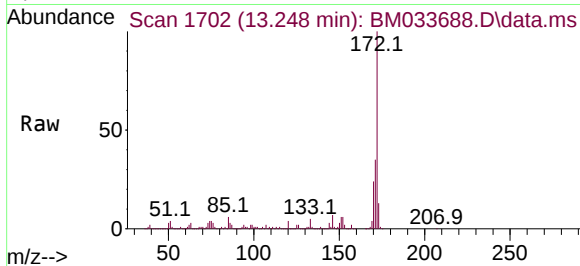




#45
2-Fluorobiphenyl
Concen: 67.951 ng
RT: 13.248 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

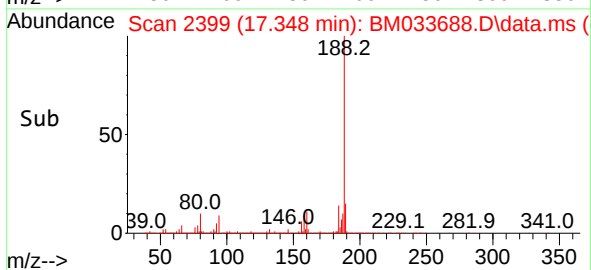
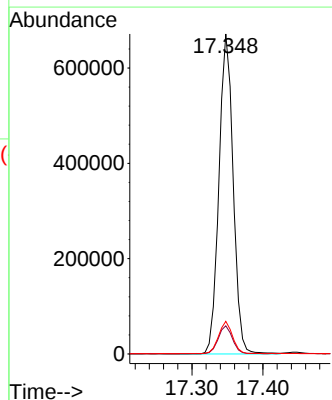
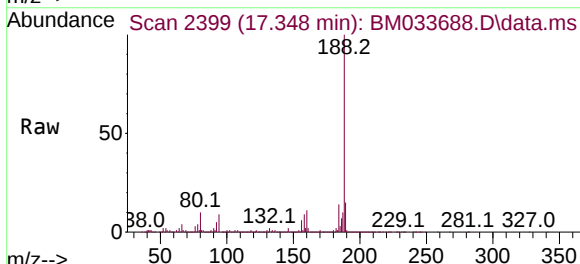
Instrument :
BNA_M
ClientSampleId :
OB-CS-11

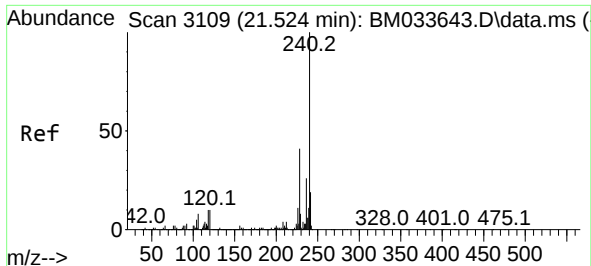
Tgt Ion:172 Resp: 2450591
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

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

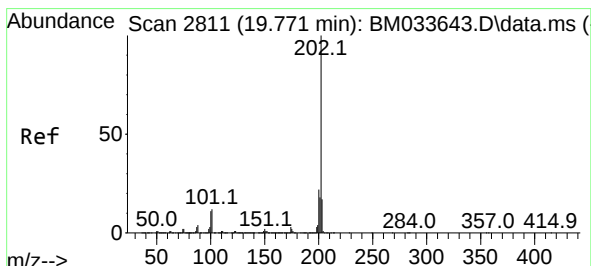
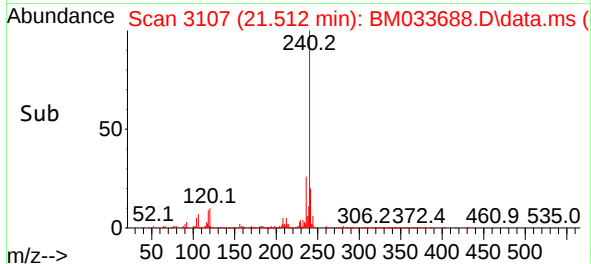
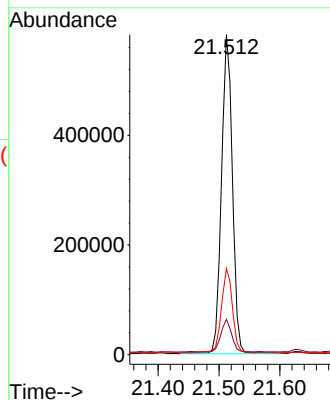
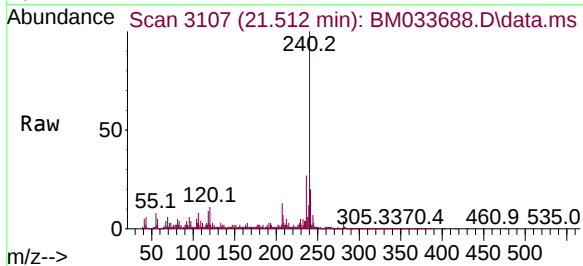




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033688.D
Acq: 10 Jan 2022 16:04

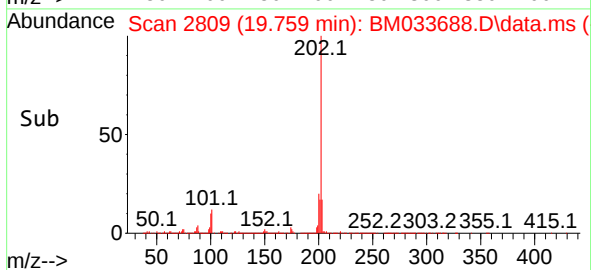
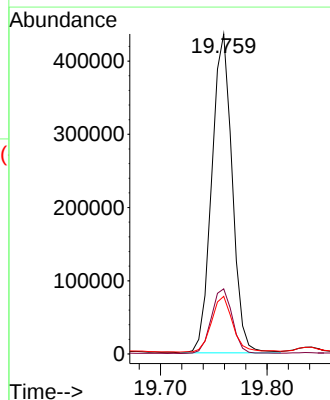
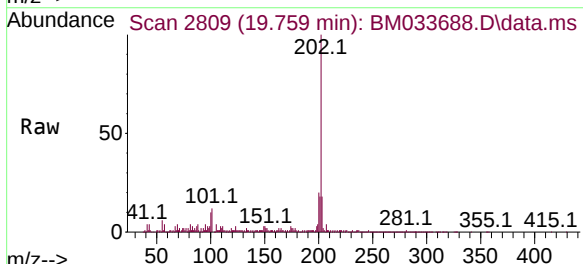
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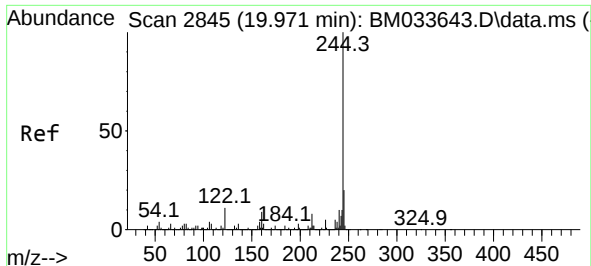
Tgt Ion:240 Resp: 725595
Ion Ratio Lower Upper
240 100
120 11.0 7.8 11.6
236 26.9 20.3 30.5



#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

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

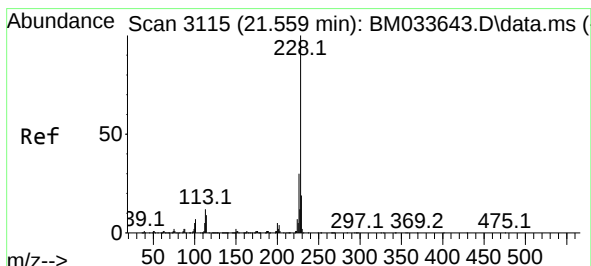
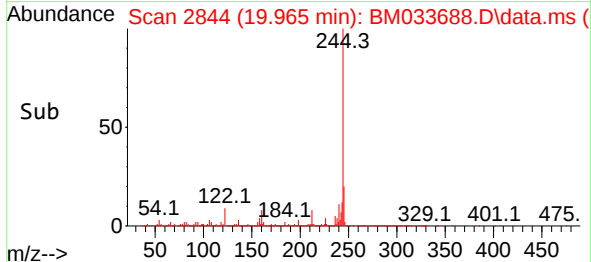
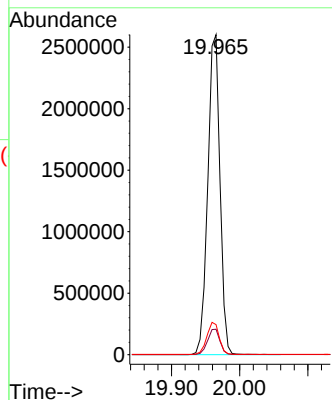
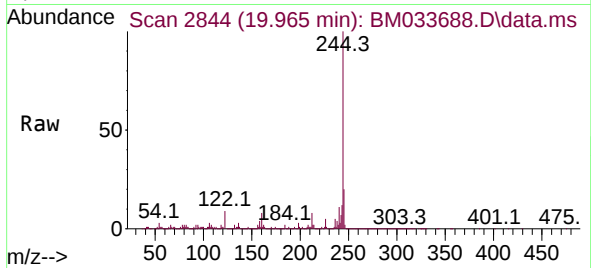




#79
 Terphenyl-d14
 Concen: 80.178 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033688.D
 Acq: 10 Jan 2022 16:04

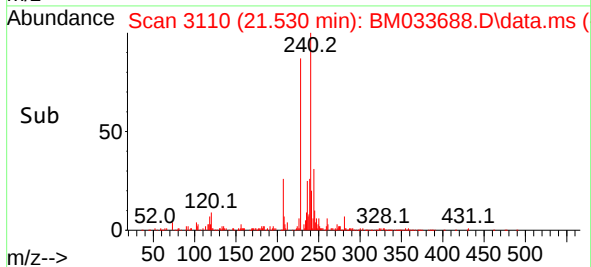
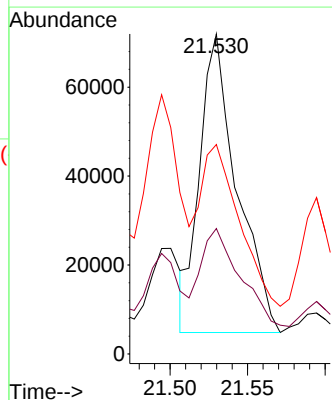
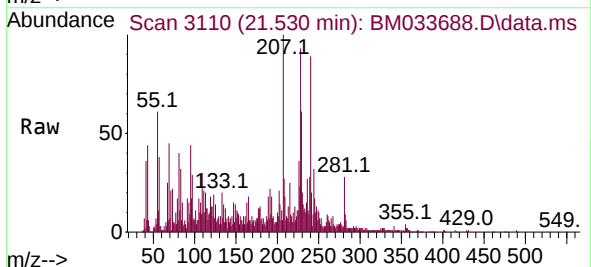
Instrument :
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 ClientSampleId :
 OB-CS-11

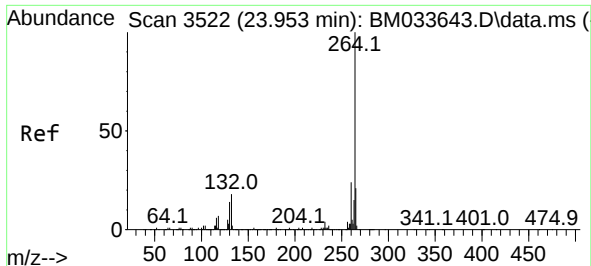
Tgt Ion:244 Resp: 3232069
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.4 8.4 12.6



#83
 Chrysene
 Concen: 2.391 ng
 RT: 21.530 min Scan# 3110
 Delta R.T. -0.030 min
 Lab File: BM033688.D
 Acq: 10 Jan 2022 16:04

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#

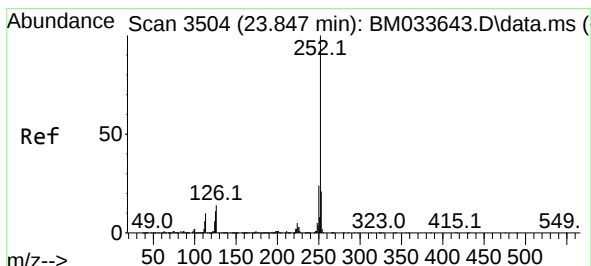
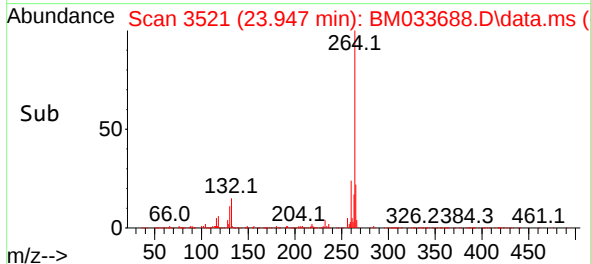
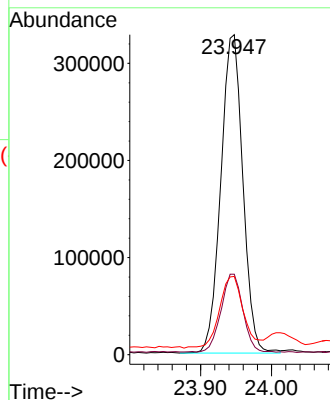
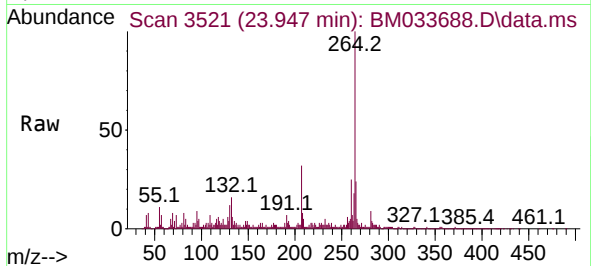




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.947 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM033688.D
 Acq: 10 Jan 2022 16:04

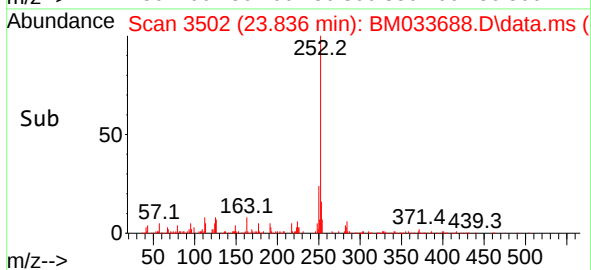
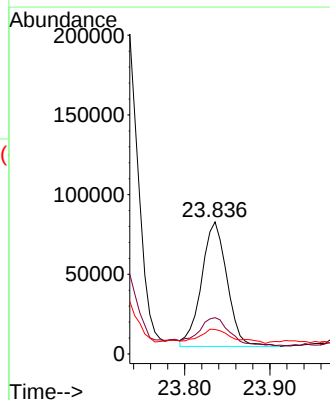
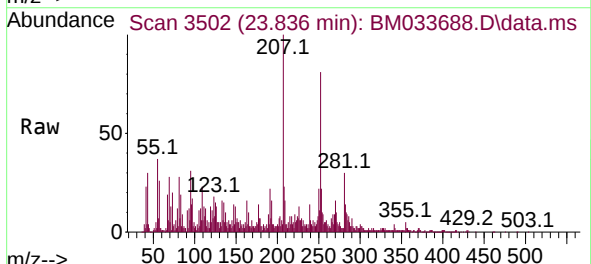
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-11

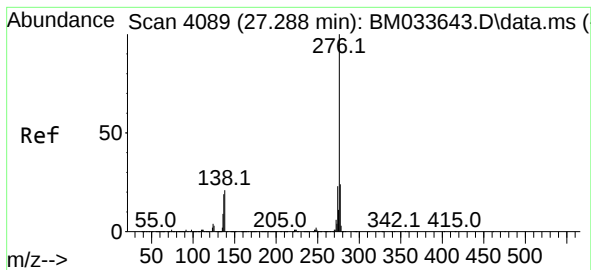
Tgt Ion:264 Resp: 704183
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.7 26.5
 265 24.4 17.7 26.5



#90
 Benzo(a)pyrene
 Concen: 4.353 ng
 RT: 23.836 min Scan# 3502
 Delta R.T. -0.012 min
 Lab File: BM033688.D
 Acq: 10 Jan 2022 16:04

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# 40

Delta R.T. -0.024 min

Lab File: BM033688.D

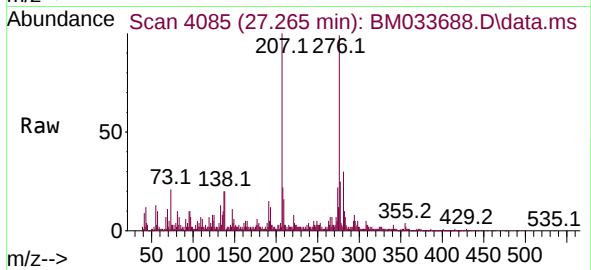
Acq: 10 Jan 2022 16:04

Instrument :

BNA_M

ClientSampleId :

OB-CS-11



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

