

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029652.D
 Acq On : 26 Apr 2021 16:36
 Operator : CG/JU
 Sample : M2170-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-1

Quant Time: Apr 26 17:22:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

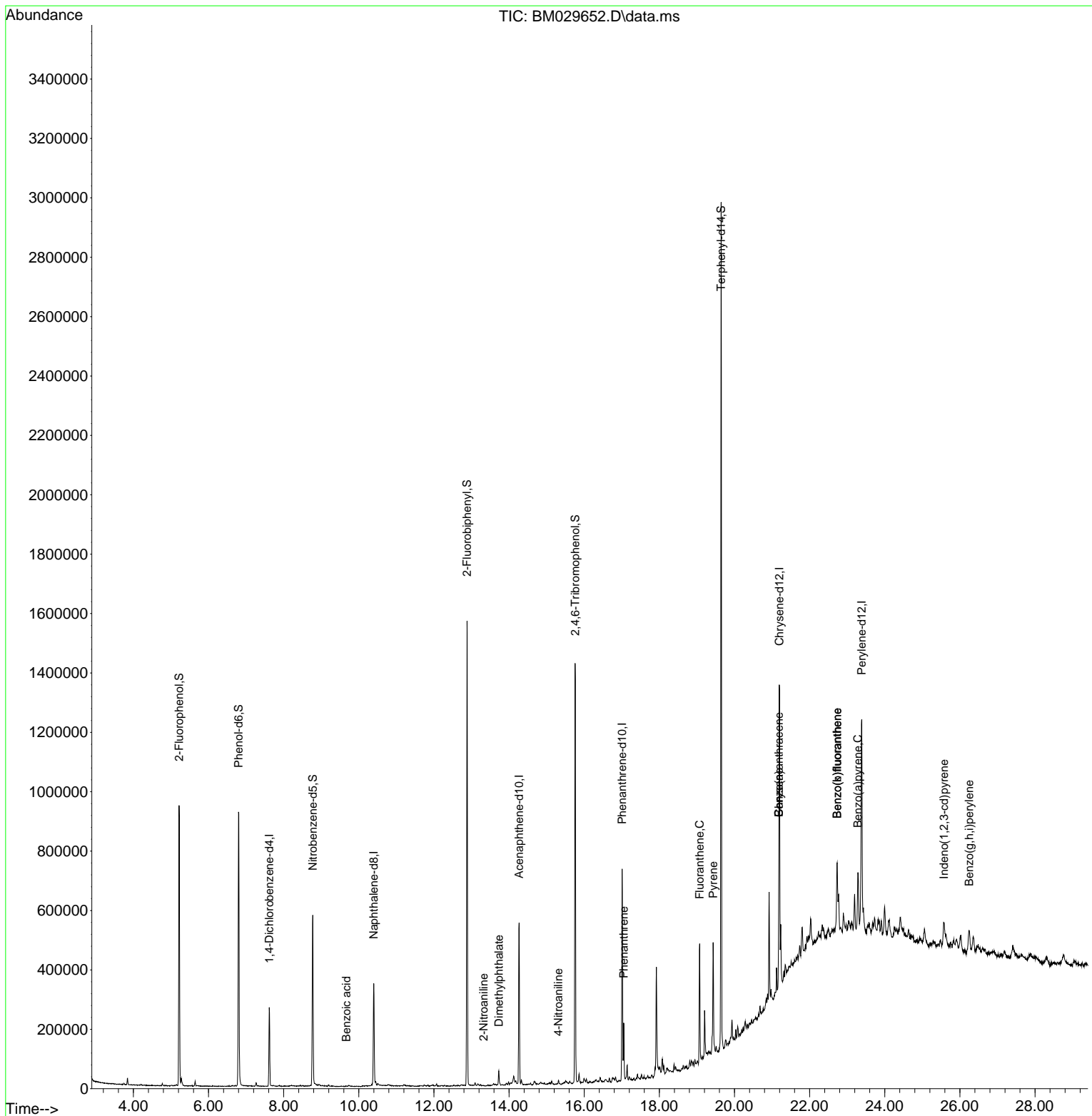
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	72696	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	270661	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	186757	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	418856	20.00	ng	0.00
76) Chrysene-d12	21.197	240	458699	20.00	ng	0.00
86) Perylene-d12	23.385	264	482484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	377513	104.11	ng	0.00
7) Phenol-d6	6.798	99	491180	90.69	ng	0.00
23) Nitrobenzene-d5	8.775	82	328027	62.42	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	254003	98.35	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	815966	59.30	ng	0.00
79) Terphenyl-d14	19.645	244	1244467	51.44	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.669	122	115	7.25	ng	# 48
48) 2-Nitroaniline	13.321	65	56	2.88	ng	# 4
50) Dimethylphthalate	13.727	163	29775	2.11	ng	# 97
62) 4-Nitroaniline	15.310	138	56	3.47	ng	# 10
71) Phenanthrene	17.051	178	115576	4.79	ng	99
75) Fluoranthene	19.074	202	237322	8.11	ng	98
78) Pyrene	19.433	202	226167	7.66	ng	98
81) Benzo(a)anthracene	21.180	228	132358	4.36	ng	97
83) Chrysene	21.180	228	132358	4.44	ng	97
87) Indeno(1,2,3-cd)pyrene	25.574	276	81108	2.17	ng	96
88) Benzo(b)fluoranthene	22.733	252	210291	6.68	ng	# 84
89) Benzo(k)fluoranthene	22.733	252	210291	6.67	ng	# 84
90) Benzo(a)pyrene	23.285	252	121242	4.10	ng	94
92) Benzo(g,h,i)perylene	26.250	276	86121	2.90	ng	99

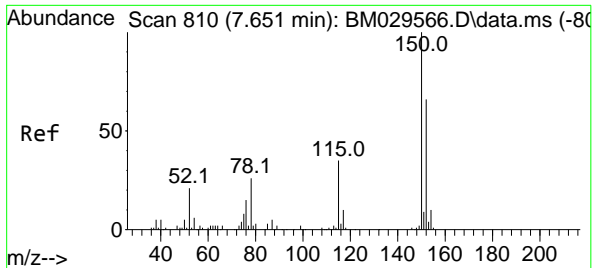
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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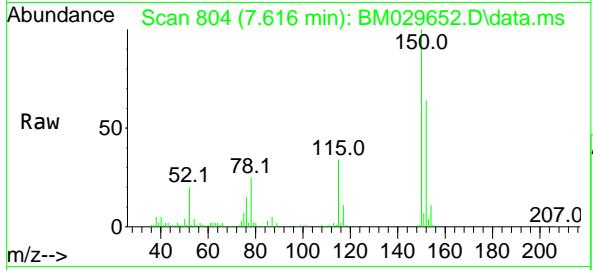
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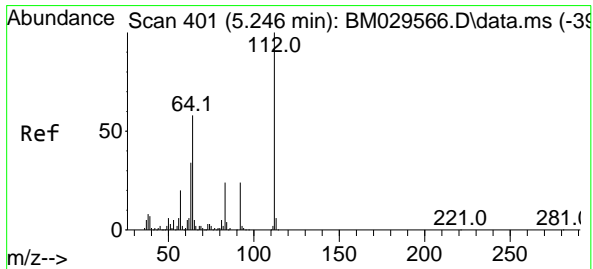
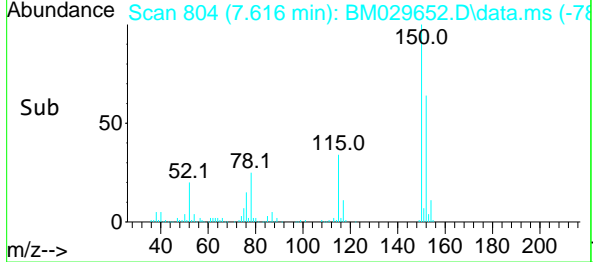
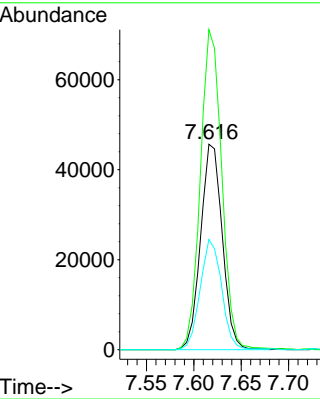
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.616 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1

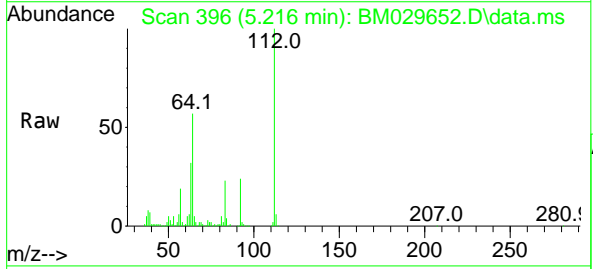


Tgt Ion:152 Resp: 72696

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	53.6	44.6	67.0

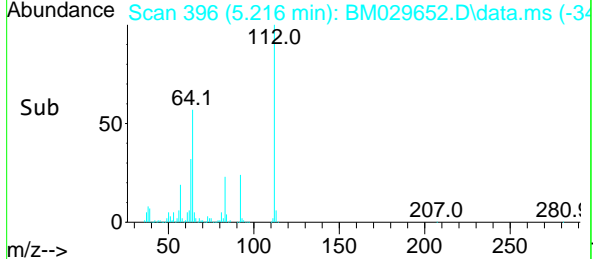
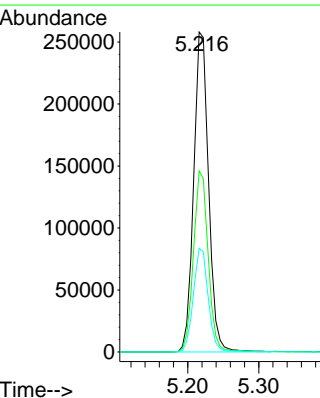


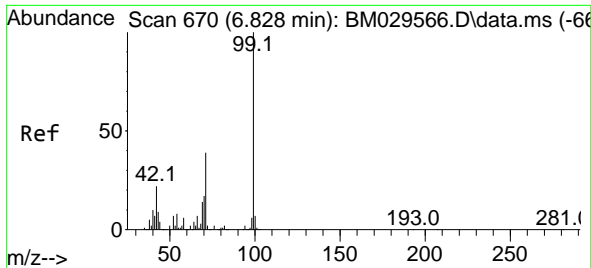
#5
 2-Fluorophenol
 Concen: 104.11 ng
 RT: 5.216 min Scan# 396
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36



Tgt Ion:112 Resp: 377513

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.1	70.7
63	32.4	27.3	40.9

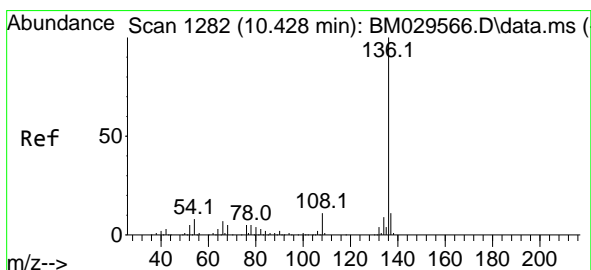
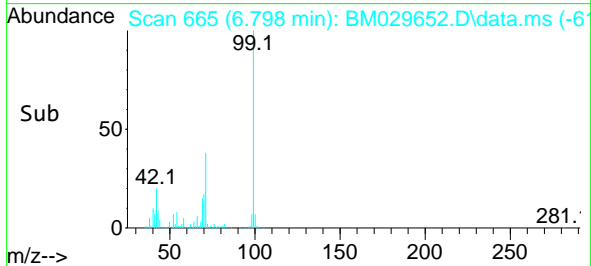
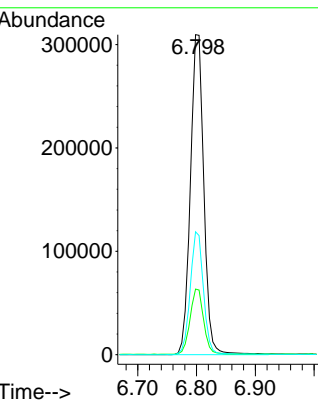
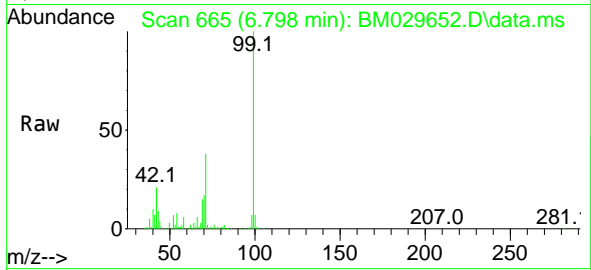




#7
 Phenol-d6
 Concen: 90.69 ng
 RT: 6.798 min Scan# 665
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

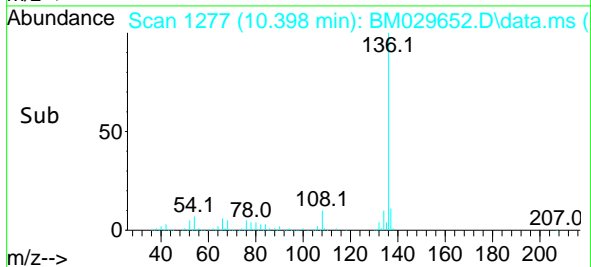
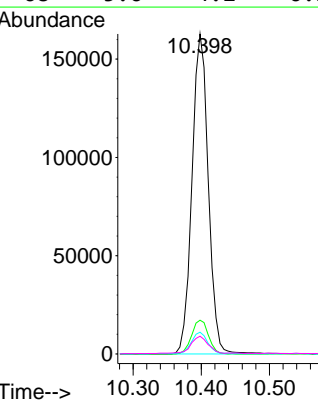
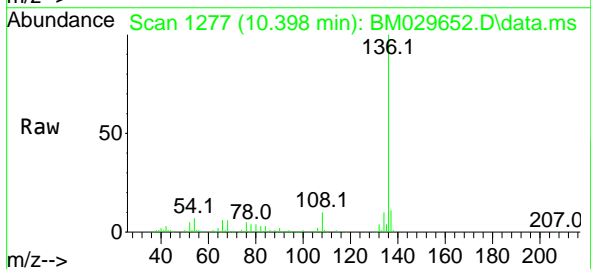
Instrument :
 BNA_M
 ClientSampled :
 CS-1

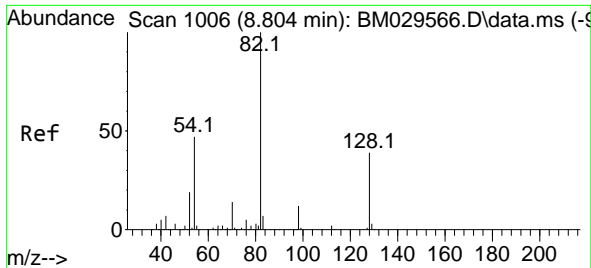
Tgt Ion	Resp	Lower	Upper
99	491180		
42	20.5	18.0	27.0
71	38.4	30.9	46.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.398 min Scan# 1277
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion	Resp	Lower	Upper
136	270661		
137	10.5	8.4	12.6
54	6.8	5.5	8.3
68	5.6	4.2	6.2

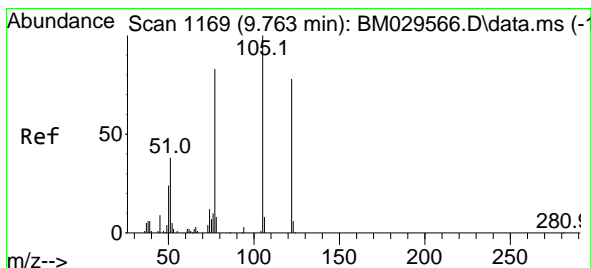
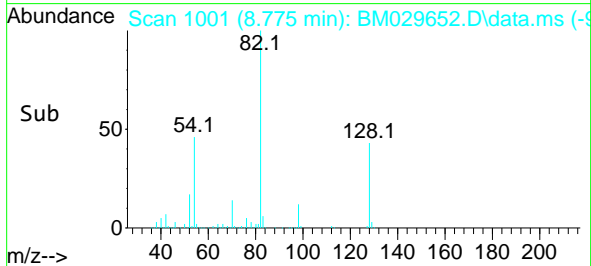
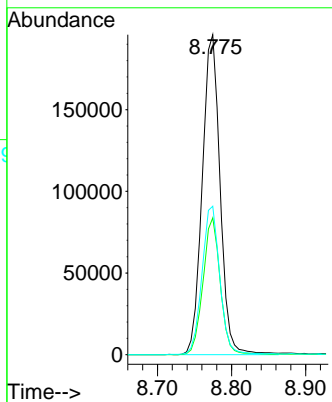
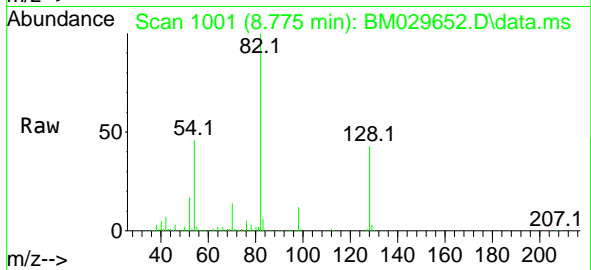




#23
 Nitrobenzene-d5
 Concen: 62.42 ng
 RT: 8.775 min Scan# 1001
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

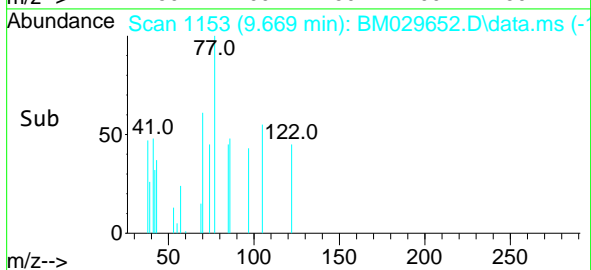
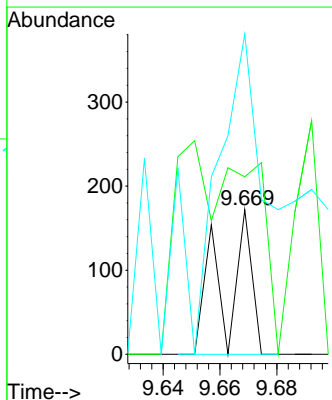
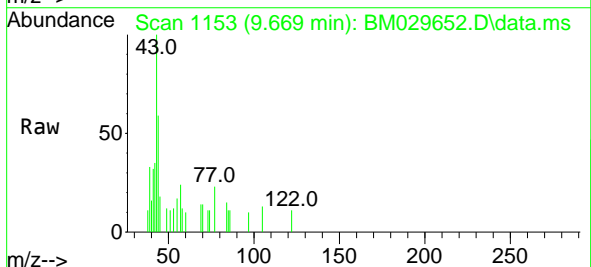
Instrument :
 BNA_M
 ClientSampled :
 CS-1

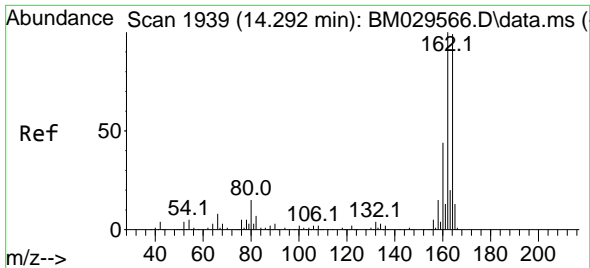
Tgt Ion	Resp	Lower	Upper
82	328027		
128	42.8	31.1	46.7
54	46.4	37.3	55.9



#32
 Benzoic acid
 Concen: 7.25 ng
 RT: 9.669 min Scan# 1153
 Delta R.T. -0.065 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

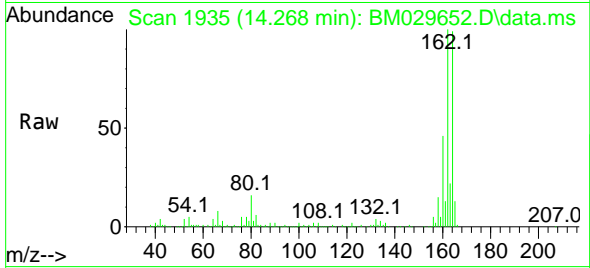
Tgt Ion	Resp	Lower	Upper
122	115		
122	100		
105	122.7	107.3	147.3
77	221.5	88.0	128.0#





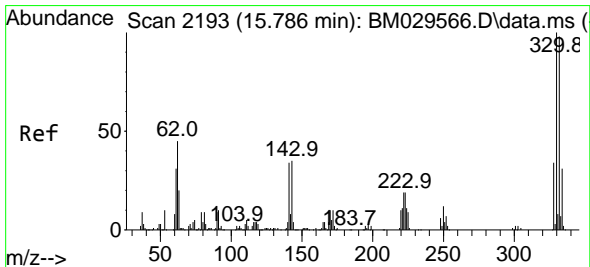
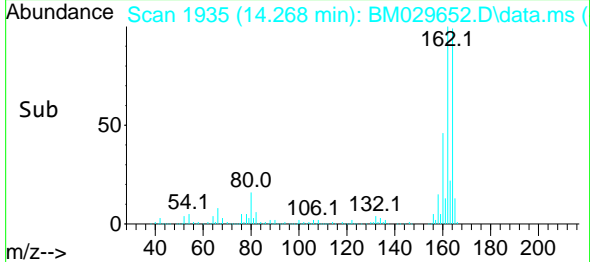
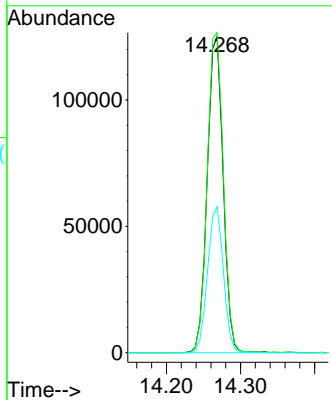
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.268 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1



Tgt Ion:164 Resp: 186757

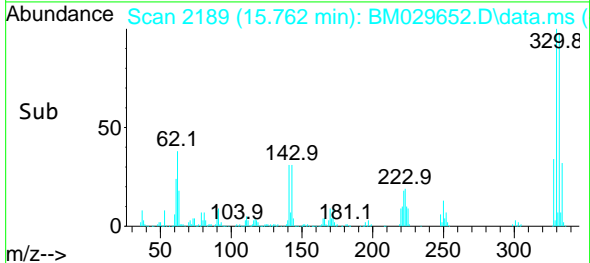
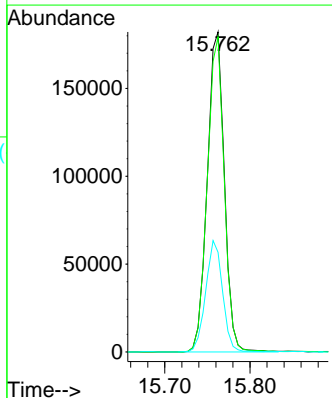
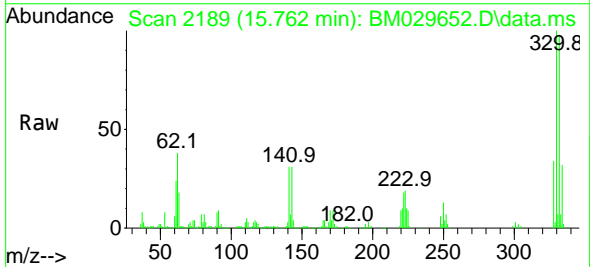
Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.4	125.0
160	46.2	37.2	55.8

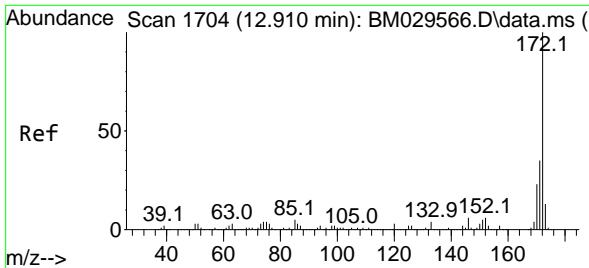


#42
 2,4,6-Tribromophenol
 Concen: 98.35 ng
 RT: 15.762 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:330 Resp: 254003

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.4
141	34.5	30.2	45.2

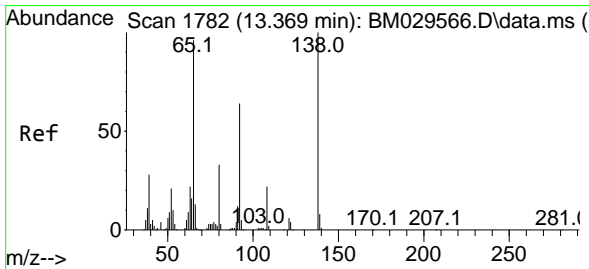
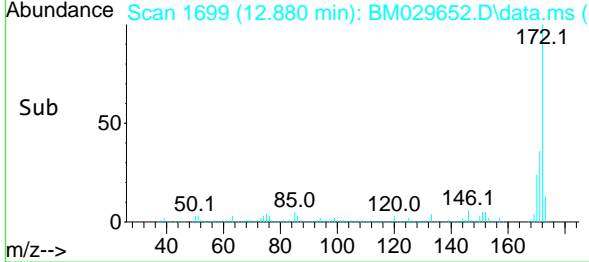
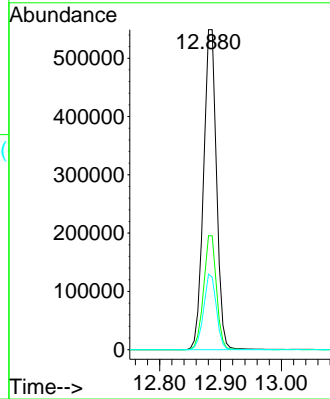
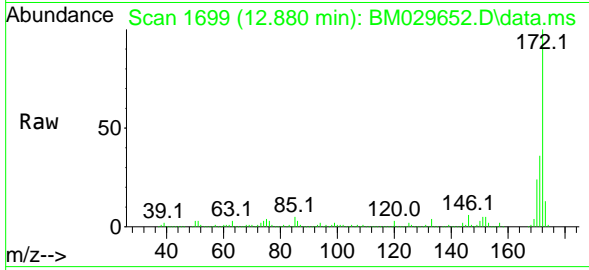




#45
 2-Fluorobiphenyl
 Concen: 59.30 ng
 RT: 12.880 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

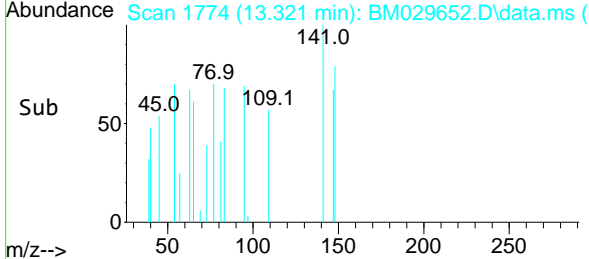
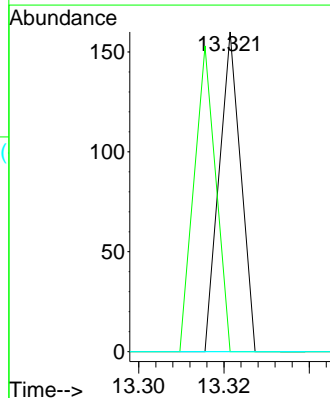
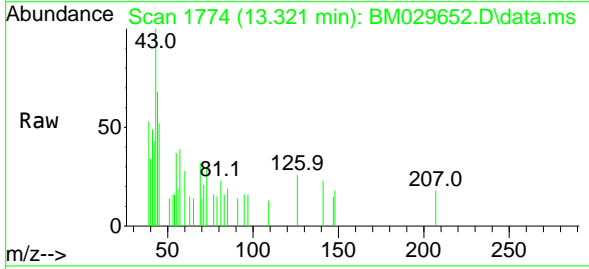
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 CS-1

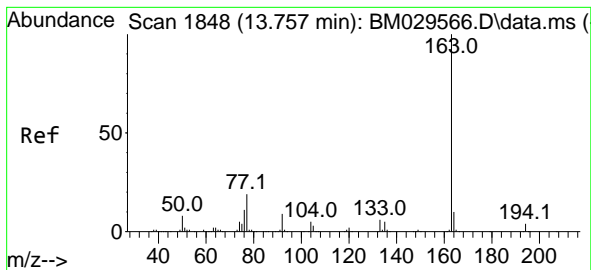
Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	18.4	27.6



#48
 2-Nitroaniline
 Concen: 2.88 ng
 RT: 13.321 min Scan# 1774
 Delta R.T. -0.024 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion	Resp	Lower	Upper
65	100		
92	0.0	55.5	83.3#
138	0.0	85.7	128.5#

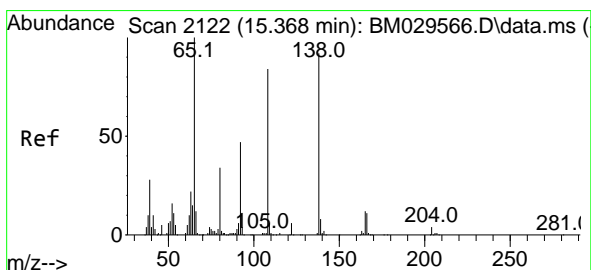
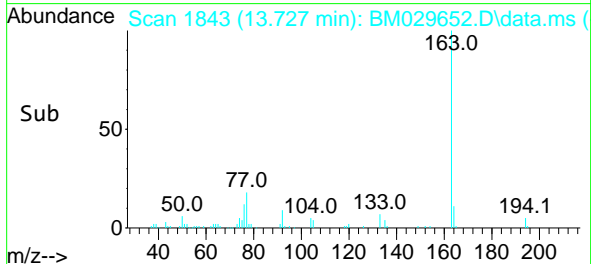
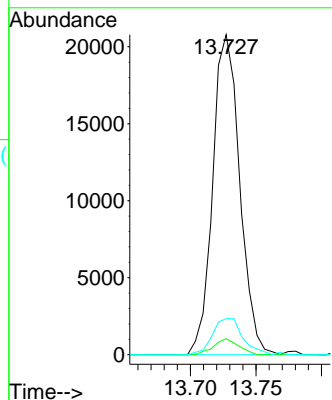
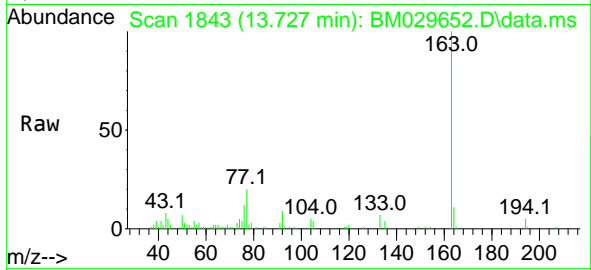




#50
 Dimethylphthalate
 Concen: 2.11 ng
 RT: 13.727 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

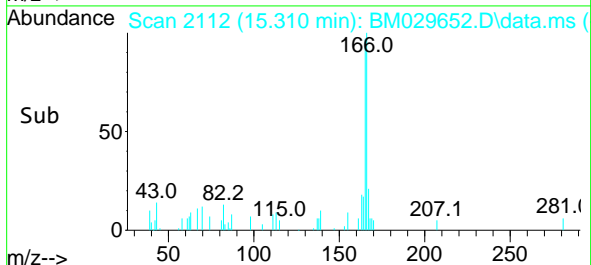
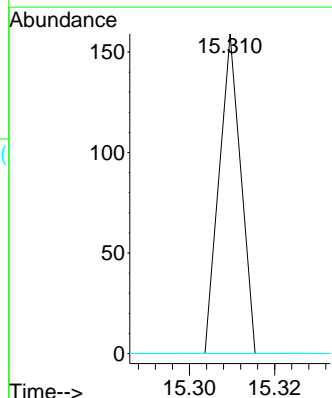
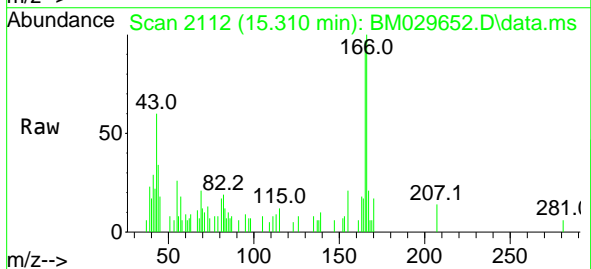
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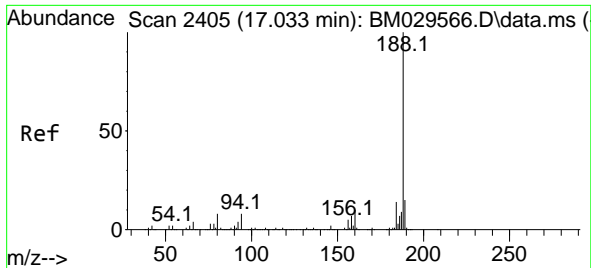
Tgt Ion:163 Resp: 29775
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.3 4.9#
 164 11.3 7.9 11.9



#62
 4-Nitroaniline
 Concen: 3.47 ng
 RT: 15.310 min Scan# 2112
 Delta R.T. -0.035 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:138 Resp: 56
 Ion Ratio Lower Upper
 138 100
 92 0.0 33.4 73.4#
 108 0.0 75.5 115.5#



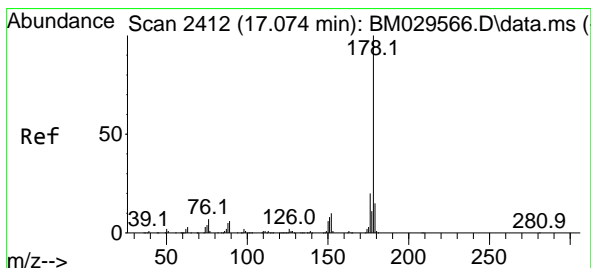
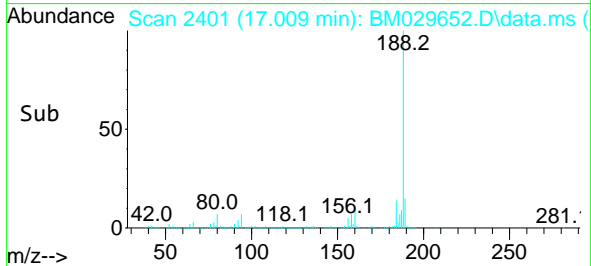
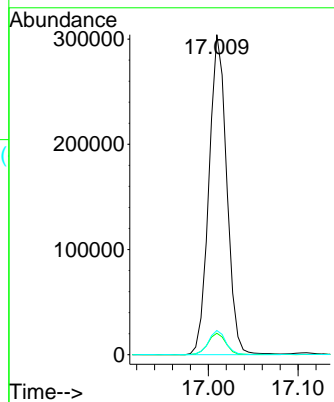
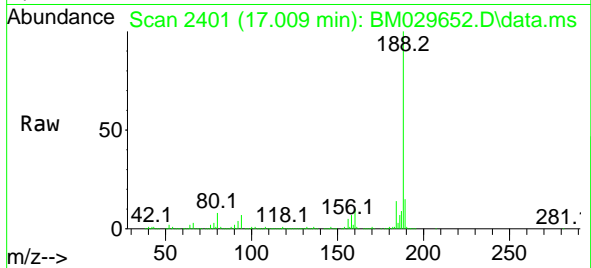


#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.009 min Scan# 2401
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1

Tgt Ion:188 Resp: 418856

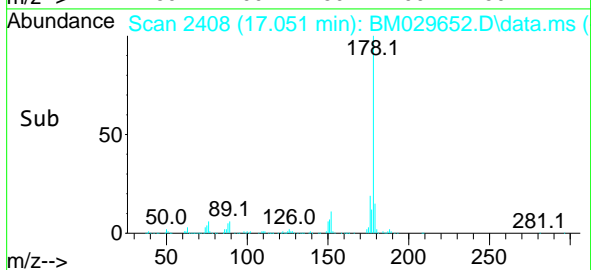
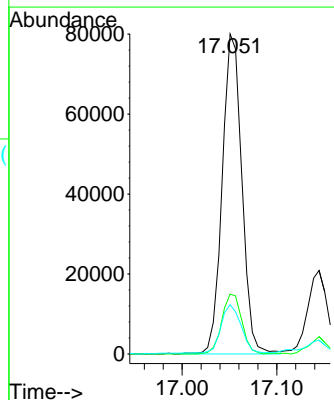
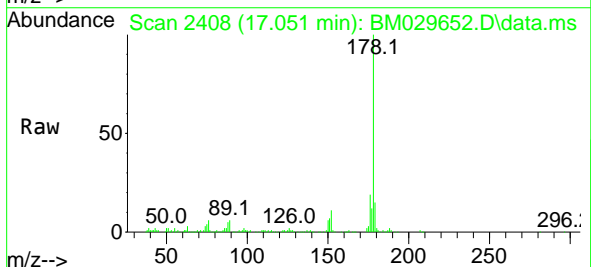
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.0	9.0
80	7.5	6.6	9.8

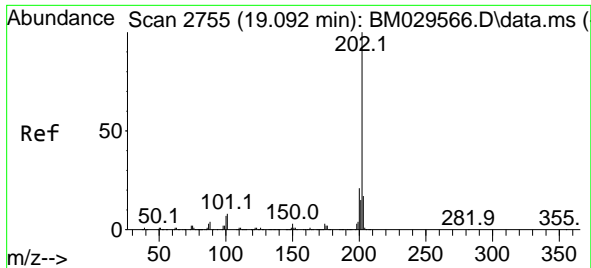


#71
 Phenanthrene
 Concen: 4.79 ng
 RT: 17.051 min Scan# 2408
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:178 Resp: 115576

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.4	12.2	18.4

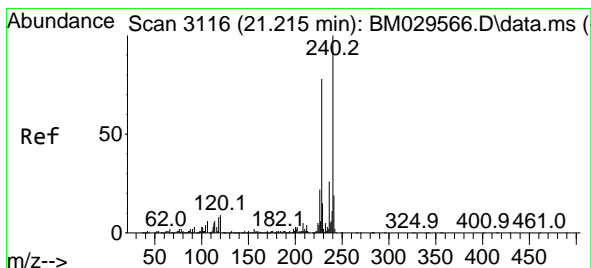
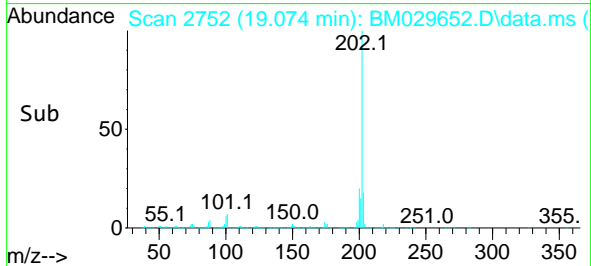
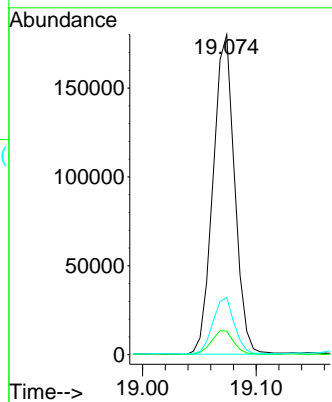
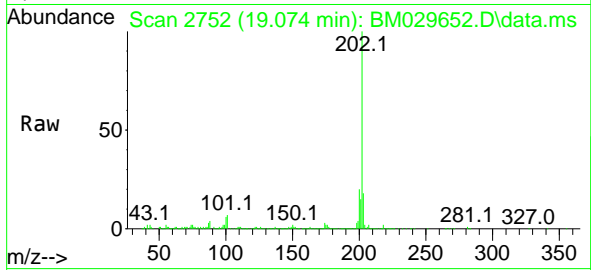




#75
 Fluoranthene
 Concen: 8.11 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

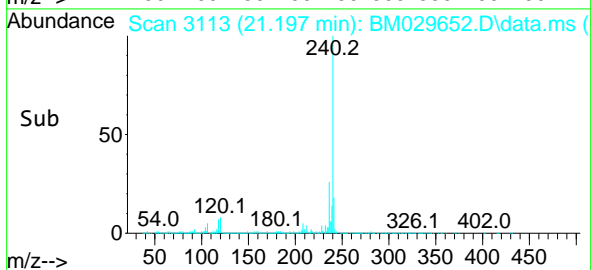
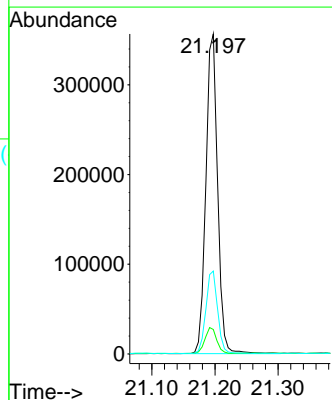
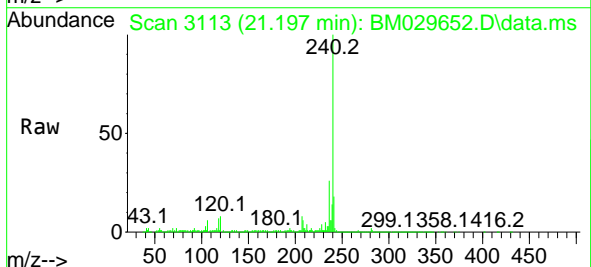
Instrument :
 BNA_M
 ClientSampled :
 CS-1

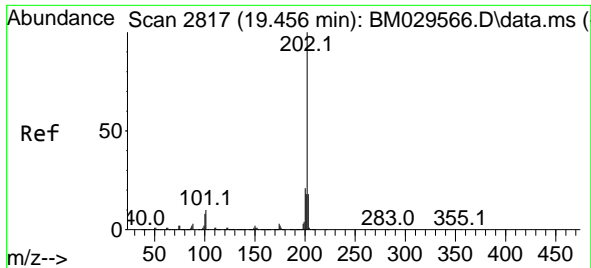
Tgt Ion:202 Resp: 237322
 Ion Ratio Lower Upper
 202 100
 101 7.4 0.0 28.6
 203 17.9 0.0 37.3



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.197 min Scan# 3113
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:240 Resp: 458699
 Ion Ratio Lower Upper
 240 100
 120 7.7 7.0 10.6
 236 25.9 21.0 31.4



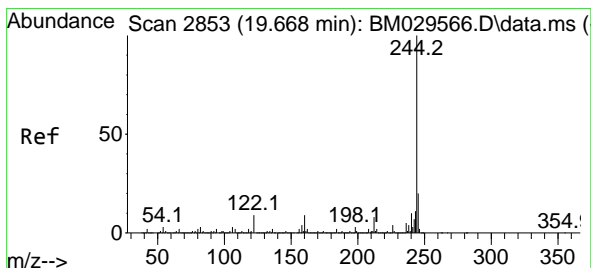
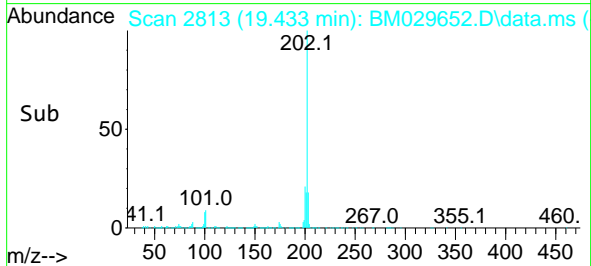
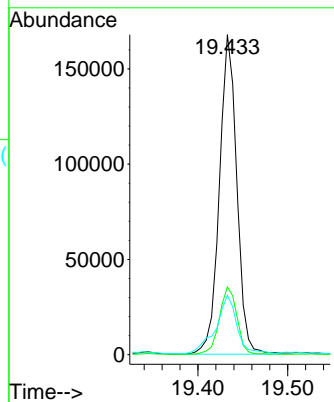
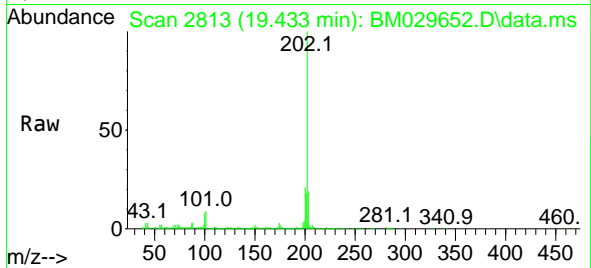


#78
 Pyrene
 Concen: 7.66 ng
 RT: 19.433 min Scan# 2813
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1

Tgt Ion:202 Resp: 226167

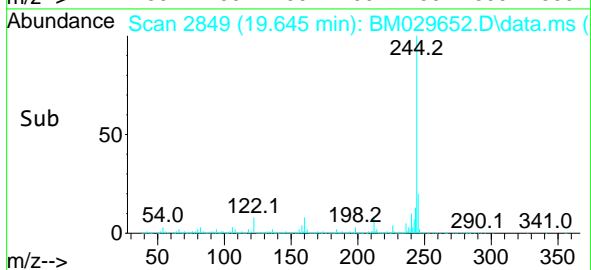
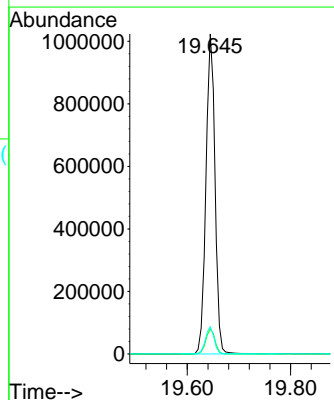
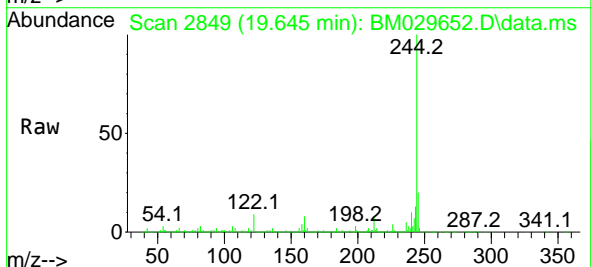
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	18.5	13.9	20.9

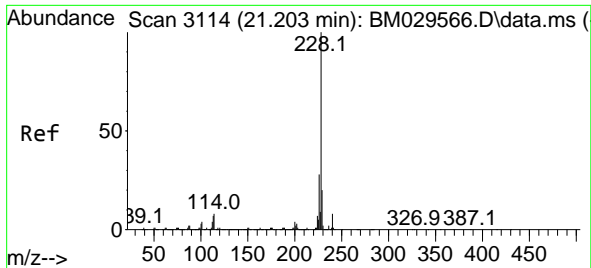


#79
 Terphenyl-d14
 Concen: 51.44 ng
 RT: 19.645 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:244 Resp: 1244467

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	8.5	6.9	10.3



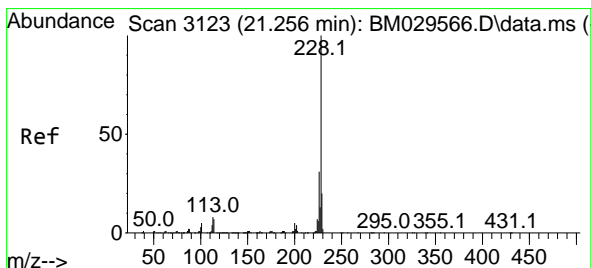
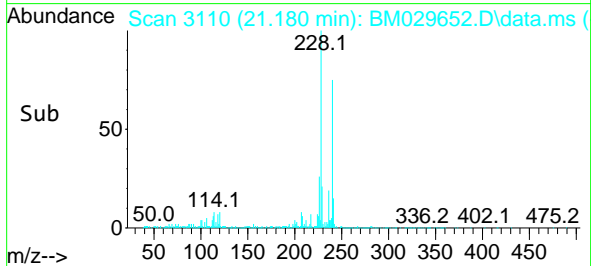
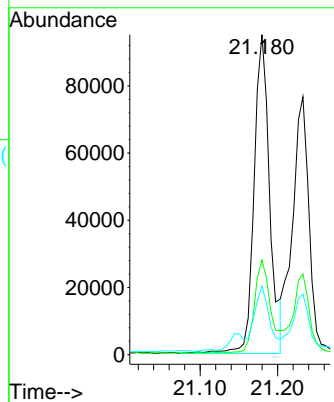
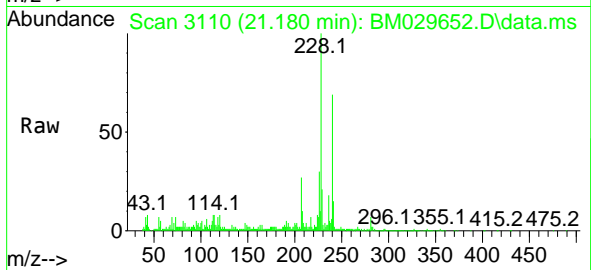


#81
 Benzo(a)anthracene
 Concen: 4.36 ng
 RT: 21.180 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1

Tgt Ion:228 Resp: 132358

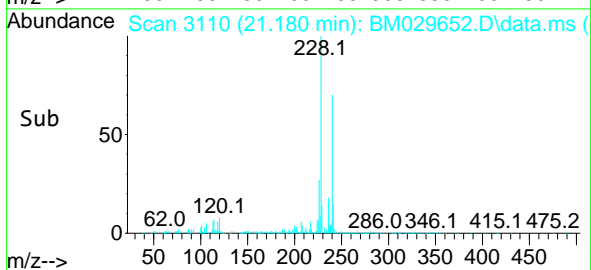
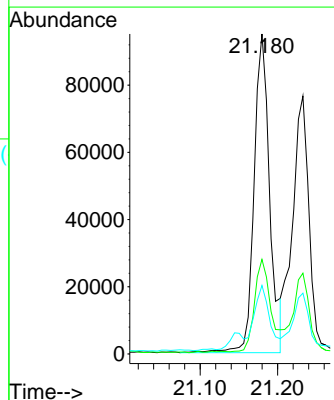
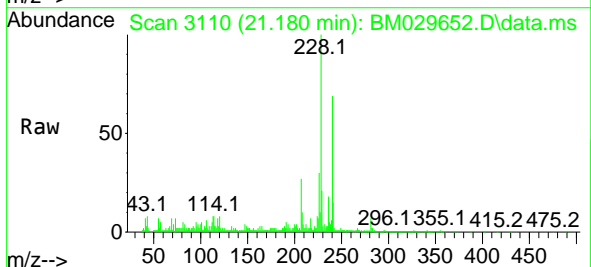
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	21.4	15.7	23.5

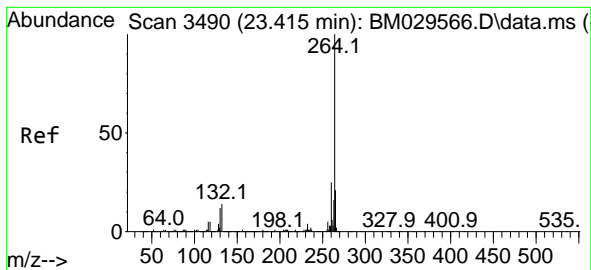


#83
 Chrysene
 Concen: 4.44 ng
 RT: 21.180 min Scan# 3110
 Delta R.T. -0.053 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion:228 Resp: 132358

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.6	36.8
229	21.4	15.5	23.3

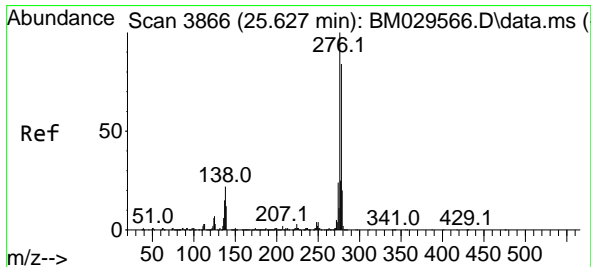
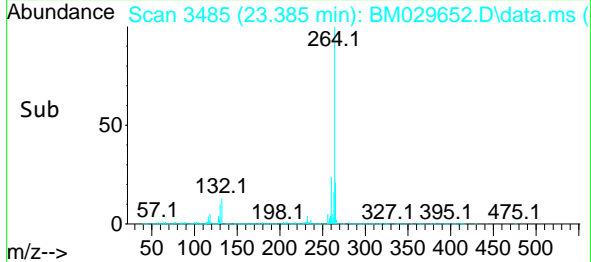
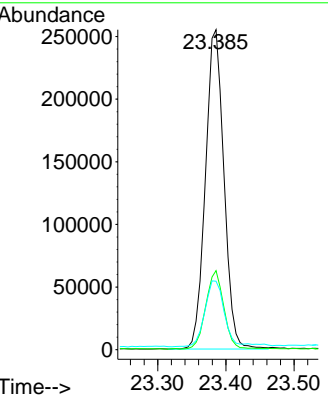
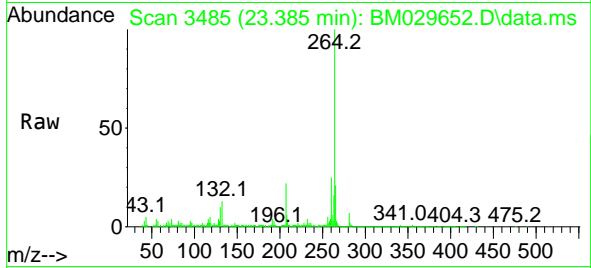




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.385 min Scan# 3485
 Delta R.T. 0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

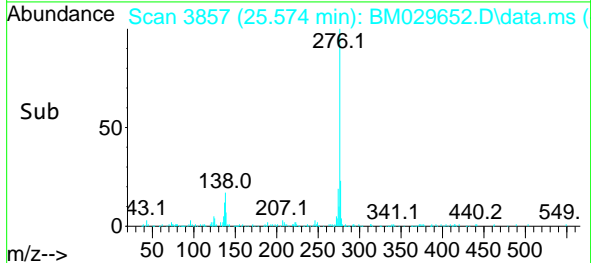
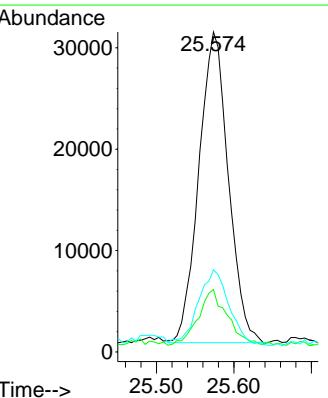
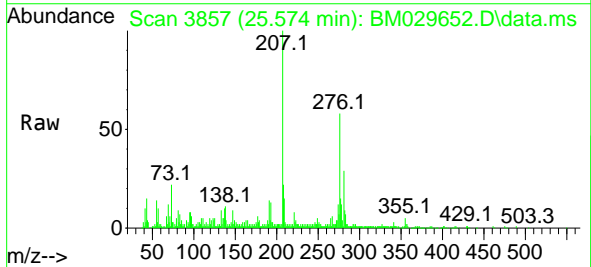
Instrument :
 BNA_M
 ClientSampled :
 CS-1

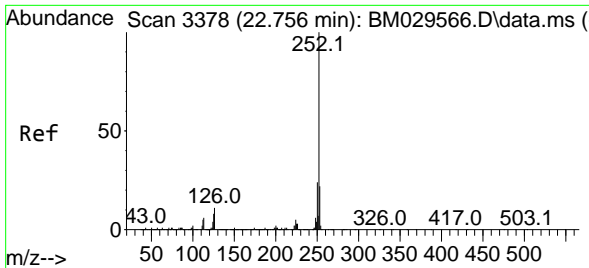
Tgt Ion	Resp	Lower	Upper
264	482484		
260	24.7	19.8	29.8
265	21.4	17.7	26.5



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.17 ng
 RT: 25.574 min Scan# 3857
 Delta R.T. -0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion	Resp	Lower	Upper
276	81108		
276	100		
138	17.6	17.1	25.7
277	25.2	20.3	30.5

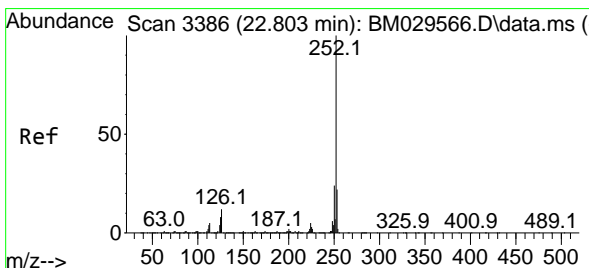
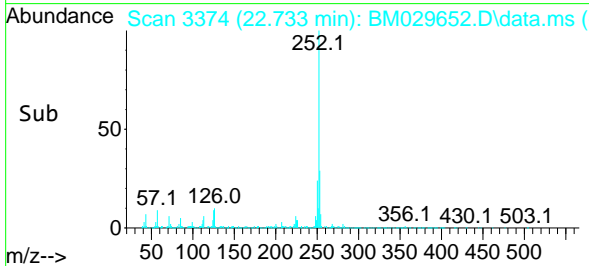
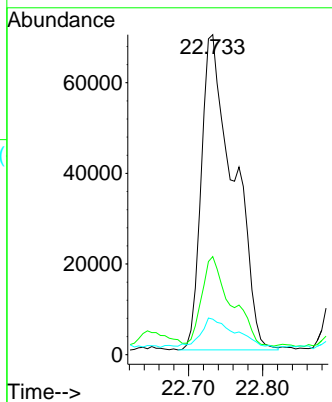
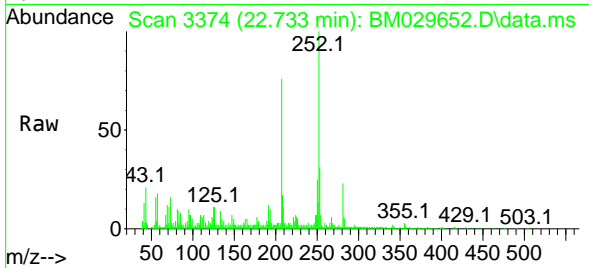




#88
 Benzo(b)fluoranthene
 Concen: 6.68 ng
 RT: 22.733 min Scan# 3374
 Delta R.T. 0.006 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

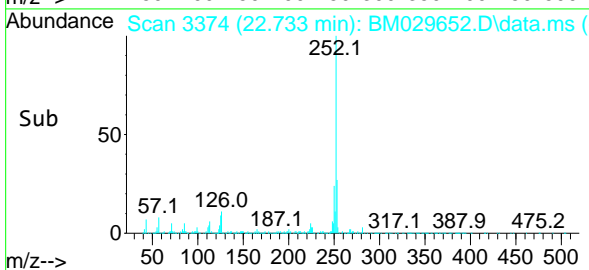
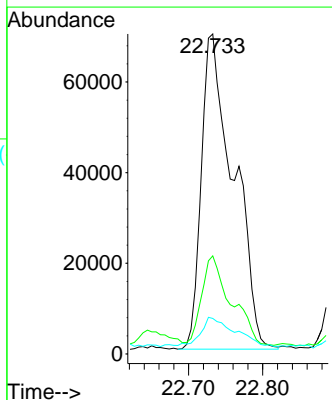
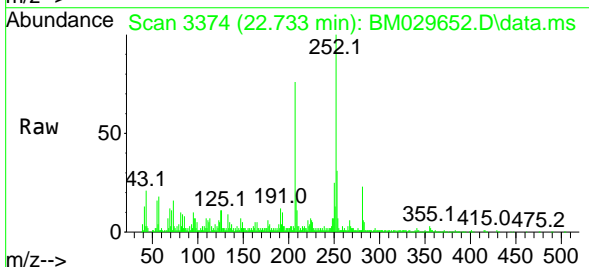
Instrument :
 BNA_M
 ClientSampled :
 CS-1

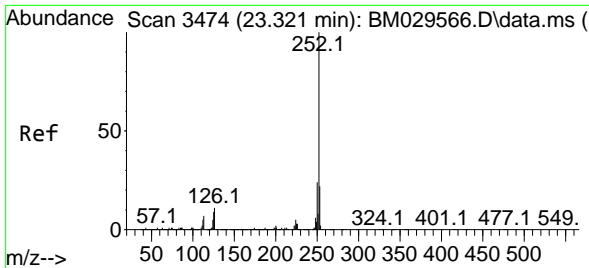
Tgt Ion	Resp	Lower	Upper
252	100		
253	30.6	17.4	26.0#
125	11.1	6.8	10.2#



#89
 Benzo(k)fluoranthene
 Concen: 6.67 ng
 RT: 22.733 min Scan# 3374
 Delta R.T. -0.041 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion	Resp	Lower	Upper
252	100		
253	30.6	17.4	26.2#
125	11.1	6.2	9.2#

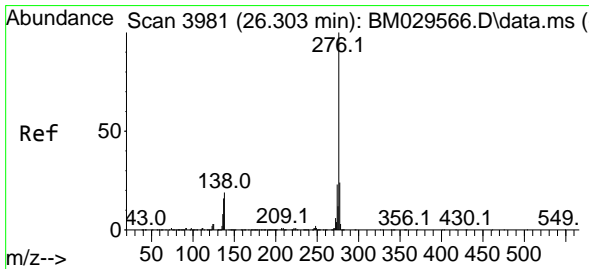
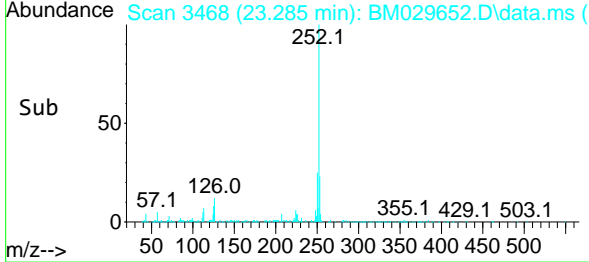
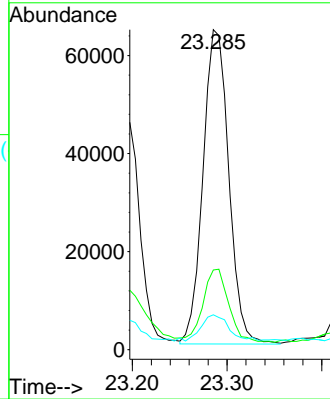
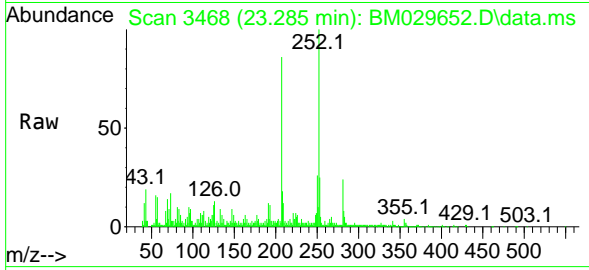




#90
 Benzo(a)pyrene
 Concen: 4.10 ng
 RT: 23.285 min Scan# 3468
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Instrument :
 BNA_M
 ClientSampled :
 CS-1

Tgt Ion	Resp	Lower	Upper
252	121242		
253	24.9	17.7	26.5
125	10.9	7.3	10.9



#92
 Benzo(g,h,i)perylene
 Concen: 2.90 ng
 RT: 26.250 min Scan# 3972
 Delta R.T. -0.000 min
 Lab File: BM029652.D
 Acq: 26 Apr 2021 16:36

Tgt Ion	Resp	Lower	Upper
276	86121		
277	25.5	19.4	29.2
138	18.2	14.4	21.6

