

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029682.D
 Acq On : 27 Apr 2021 20:16
 Operator : CG/JU
 Sample : M2176-04DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-1DL

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 4/28/2021 11:00:42 AM

Quant Time: Apr 28 01:22:57 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	7.610	152	85595	20.00	ng	-0.01	
21) Naphthalene-d8	10.392	136	307125	20.00	ng	0.00	
39) Acenaphthene-d10	14.263	164	209403	20.00	ng	0.00	
64) Phenanthrene-d10	17.004	188	477197	20.00	ng	0.00	
76) Chrysene-d12	21.192	240	558005	20.00	ng	0.00	
86) Perylene-d12	23.380	264	583182	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.210	112	169594	39.72	ng	0.00	
7) Phenol-d6	6.793	99	209608	32.87	ng	0.00	
23) Nitrobenzene-d5	8.769	82	140422	23.55	ng	0.00	
42) 2,4,6-Tribromophenol	15.751	330	111314	38.44	ng	-0.01	
45) 2-Fluorobiphenyl	12.875	172	388008	25.15	ng	-0.01	
79) Terphenyl-d14	19.639	244	616633	20.95	ng	0.00	
Target Compounds							
49) Acenaphthylene	13.980	152	81116	4.32	ng		Qvalue 99
71) Phenanthrene	17.051	178	535734	19.50	ng		99
72) Anthracene	17.139	178	193709	7.15	ng		99
75) Fluoranthene	19.068	202	1266339	38.01	ng		98
78) Pyrene	19.433	202	1099907	30.64	ng		99
81) Benzo(a)anthracene	21.174	228	664482	18.00	ng		97
83) Chrysene	21.227	228	558657	15.40	ng		97
87) Indeno(1,2,3-cd)pyrene	25.568	276	384309	8.52	ng	#	95
88) Benzo(b)fluoranthene	22.727	252	810437m	21.31	ng		
89) Benzo(k)fluoranthene	22.762	252	240922m	6.32	ng		
90) Benzo(a)pyrene	23.286	252	589157	16.50	ng		98
91) Dibenzo(a,h)anthracene	25.574	278	96729	2.49	ng	#	85
92) Benzo(g,h,i)perylene	26.238	276	374942	10.43	ng		99

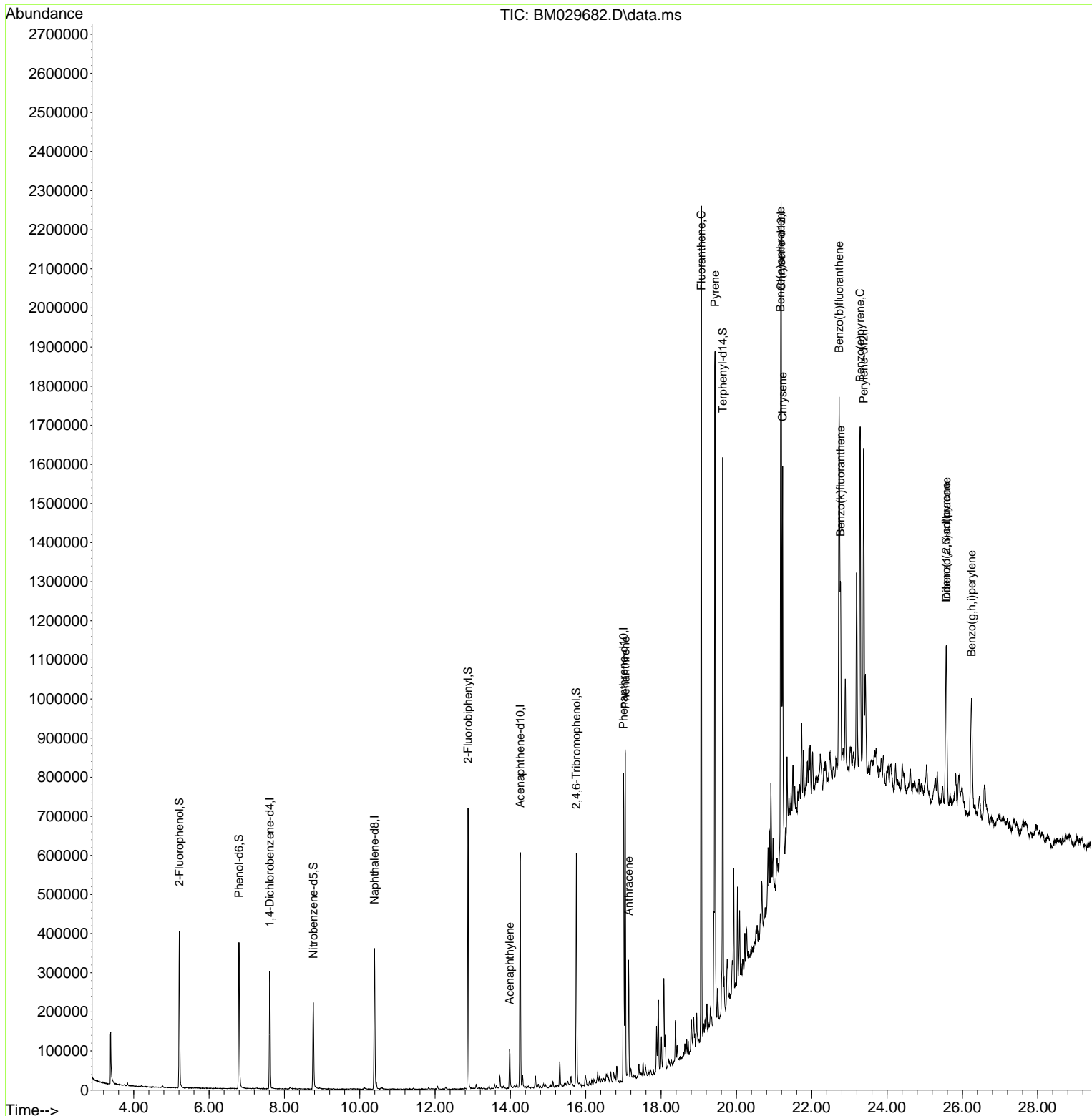
(#) = qualifier out of range (m) = manual integration (+) = signals summed

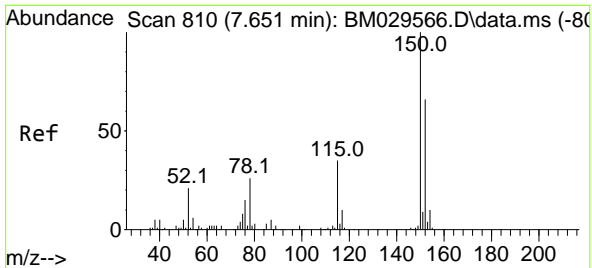
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
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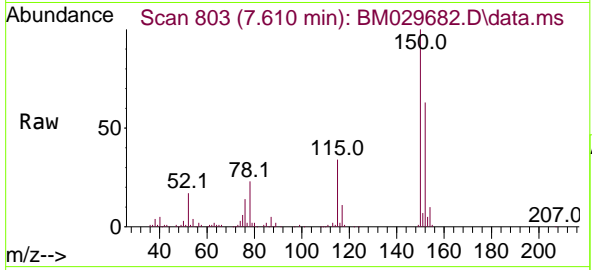
Quant Time: Apr 28 01:22:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.610 min Scan# 803
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

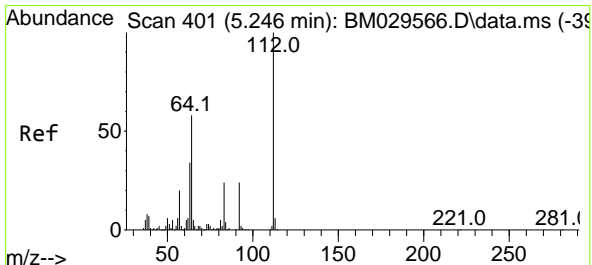
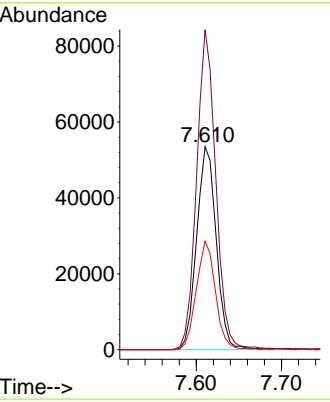
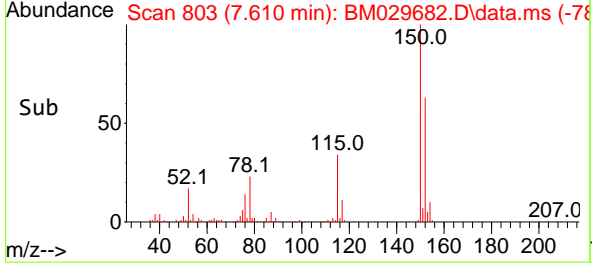
Instrument :
 BNA_M
ClientSampled :
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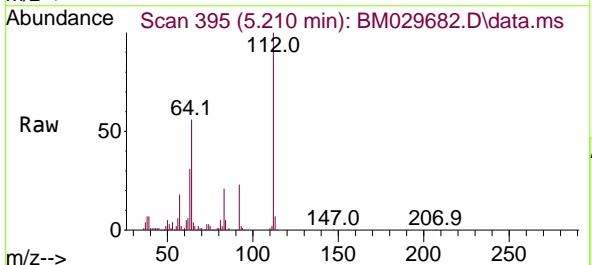
Tgt Ion:152 Resp: 85595

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	53.5	44.6	67.0

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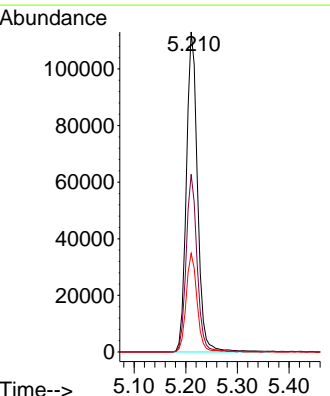
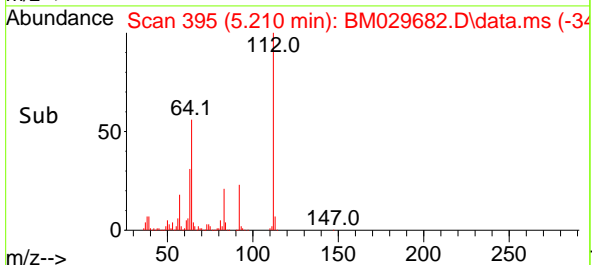


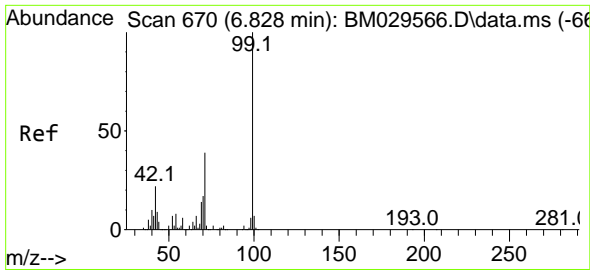
#5
 2-Fluorophenol
 Concen: 39.72 ng
 RT: 5.210 min Scan# 395
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



Tgt Ion:112 Resp: 169594

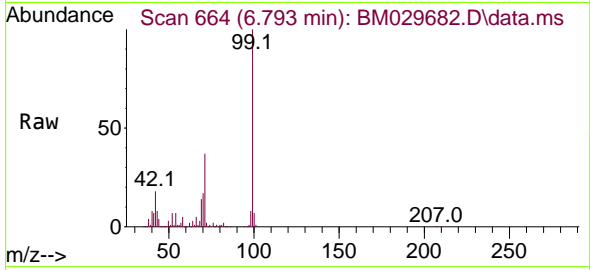
Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.1	70.7
63	30.8	27.3	40.9





#7
 Phenol-d6
 Concen: 32.87 ng
 RT: 6.793 min Scan# 664
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

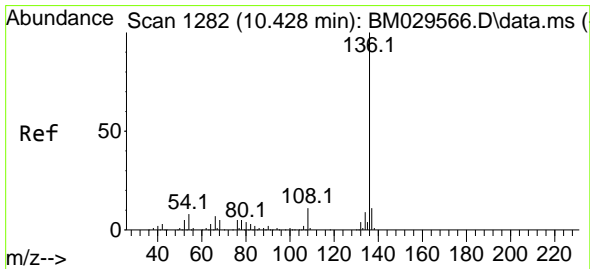
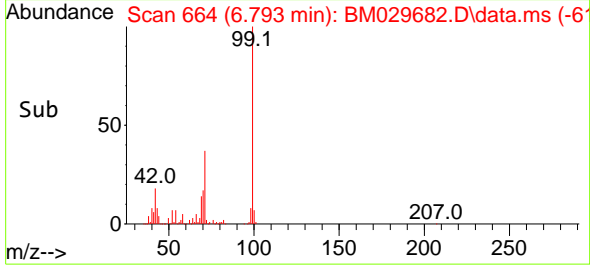
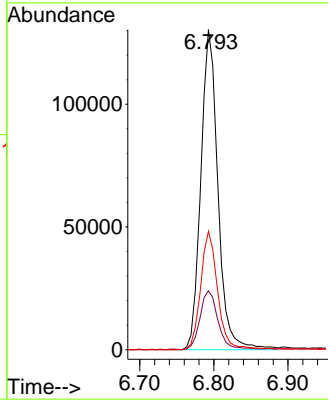
Instrument :
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ClientSampled :
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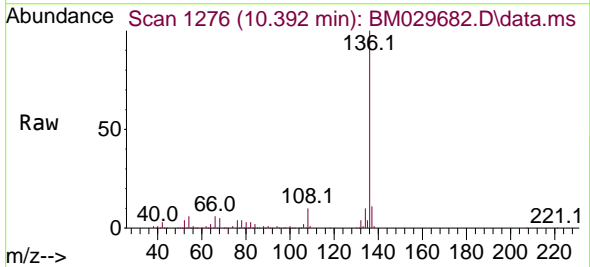
Tgt Ion: 99 Resp: 209608

Ion	Ratio	Lower	Upper
99	100		
42	18.4	18.0	27.0
71	37.0	30.9	46.3

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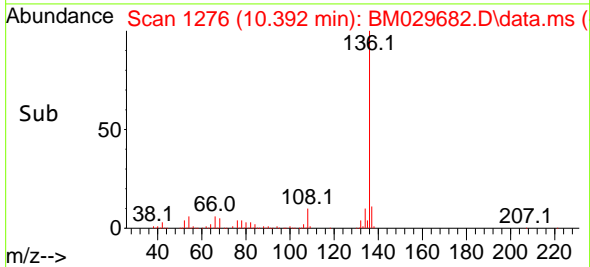
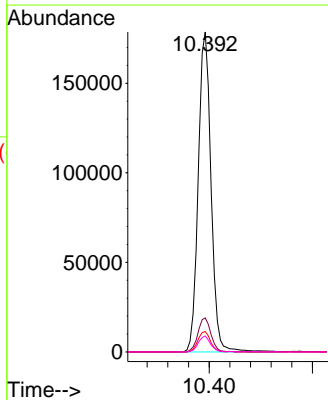


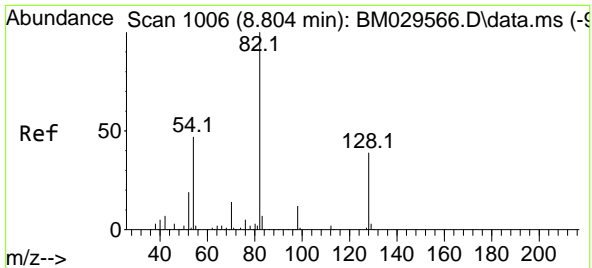
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.392 min Scan# 1276
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



Tgt Ion: 136 Resp: 307125

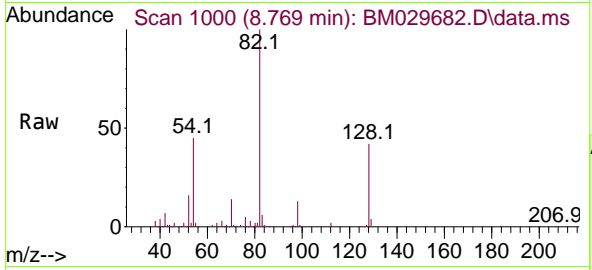
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.4	5.5	8.3
68	5.0	4.2	6.2





#23
 Nitrobenzene-d5
 Concen: 23.55 ng
 RT: 8.769 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

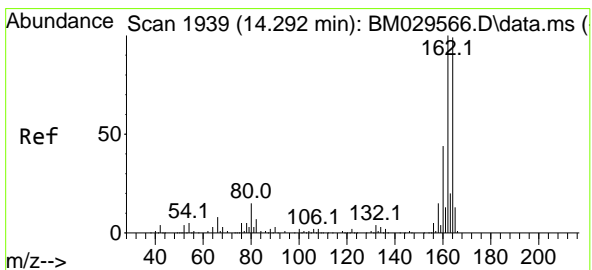
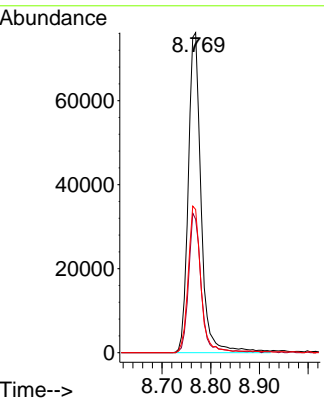
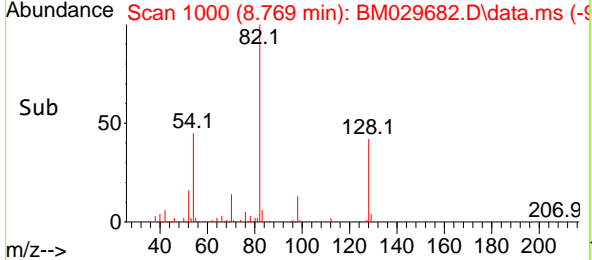
Instrument :
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ClientSampled :
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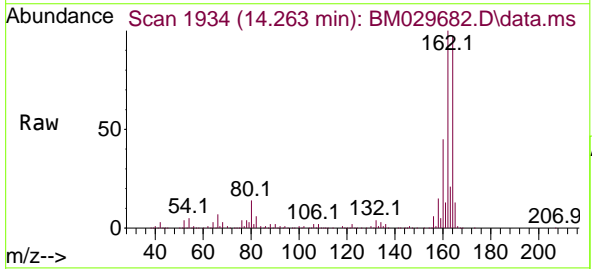
Tgt Ion: 82 Resp: 140422

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.1	46.7
54	44.8	37.3	55.9

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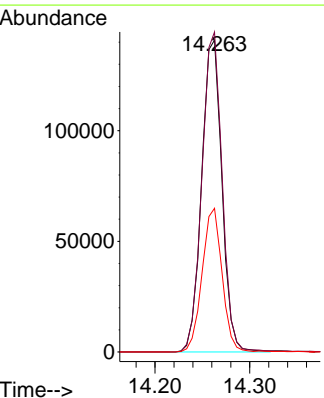
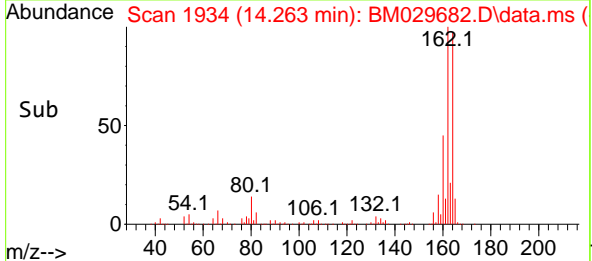


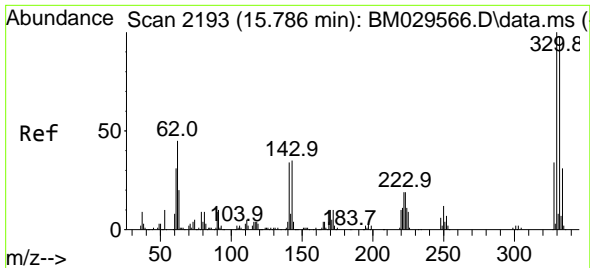
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.263 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



Tgt Ion: 164 Resp: 209403

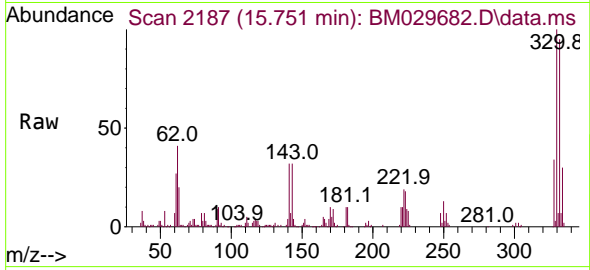
Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.0
160	46.1	37.2	55.8





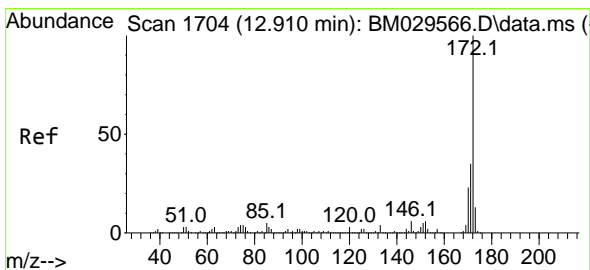
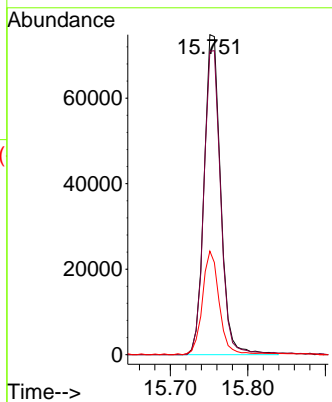
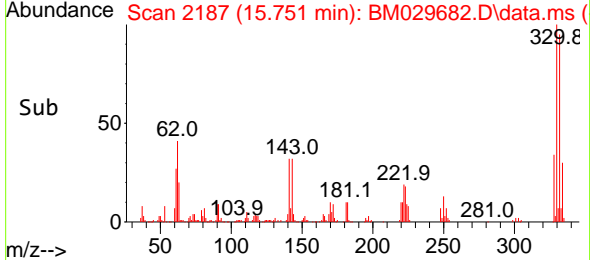
#42
 2,4,6-Tribromophenol
 Concen: 38.44 ng
 RT: 15.751 min Scan# 2187
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
 BNA_M
ClientSampleId :
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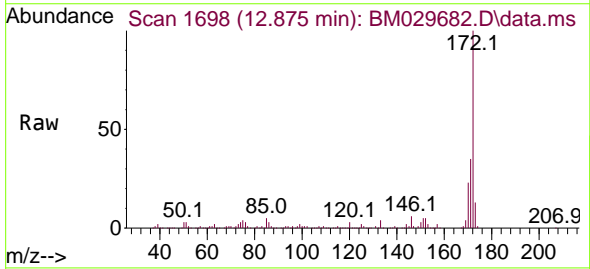


Tgt Ion:330 Resp: 111314
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.4
 141 32.7 30.2 45.2

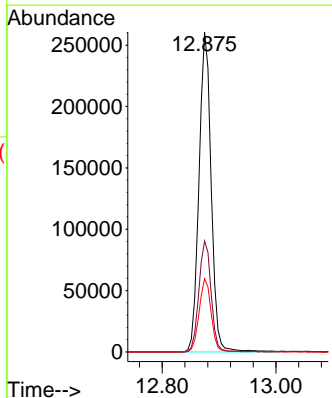
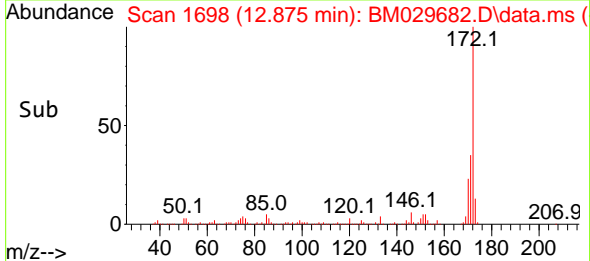
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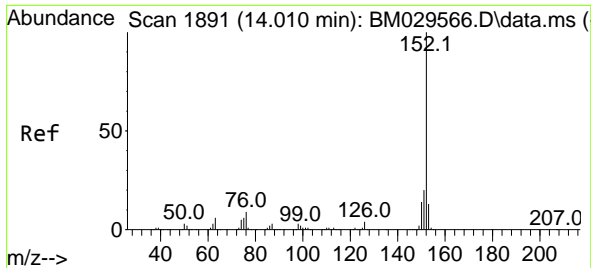


#45
 2-Fluorobiphenyl
 Concen: 25.15 ng
 RT: 12.875 min Scan# 1698
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



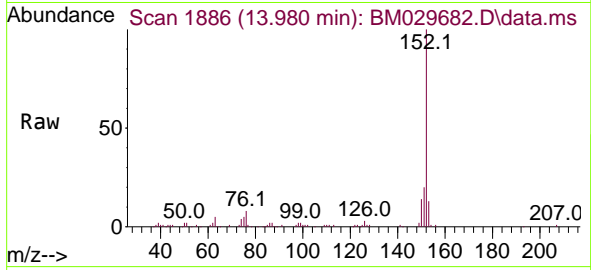
Tgt Ion:172 Resp: 388008
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 22.9 18.4 27.6





#49
 Acenaphthylene
 Concen: 4.32 ng
 RT: 13.980 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

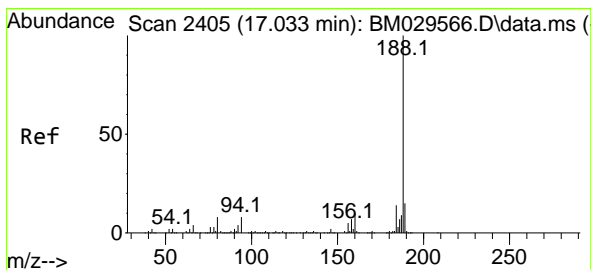
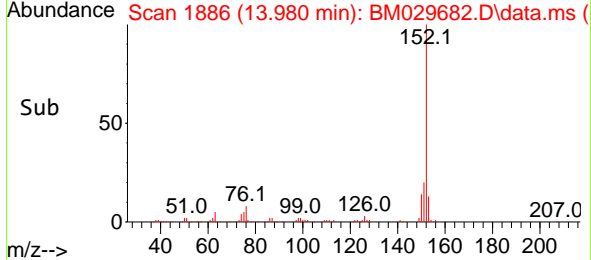
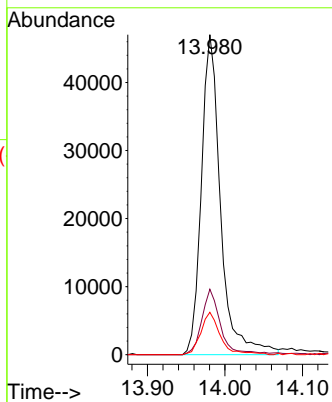
Instrument :
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ClientSampled :
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Tgt Ion:152 Resp: 81116

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.2	15.4

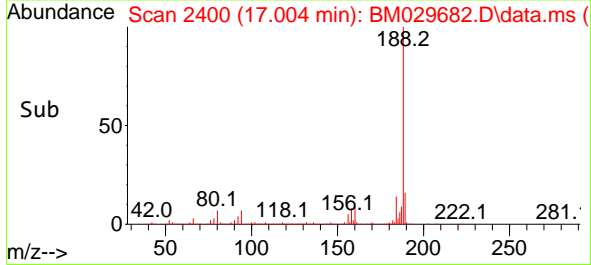
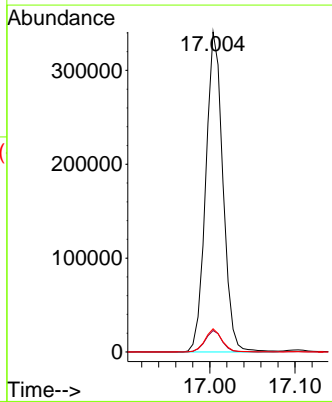
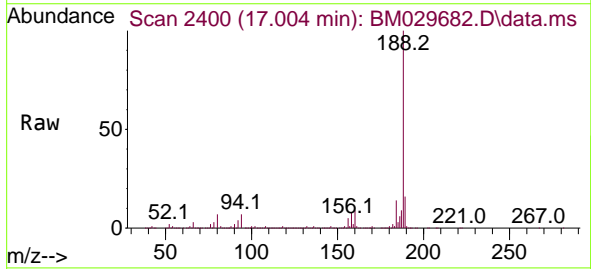
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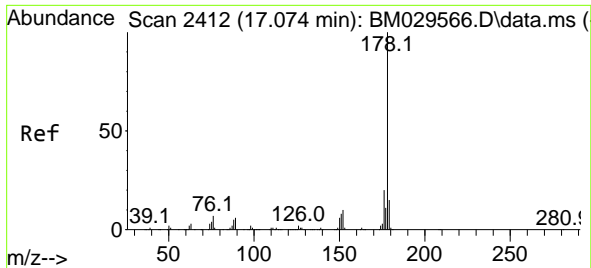


#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.004 min Scan# 2400
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Tgt Ion:188 Resp: 477197

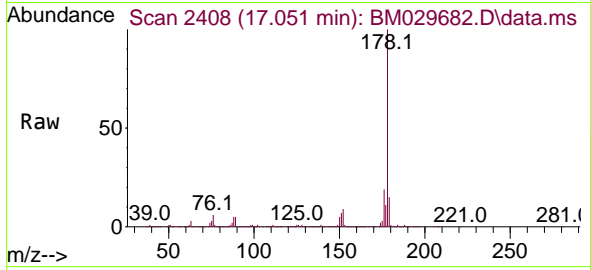
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.0	9.0
80	7.2	6.6	9.8





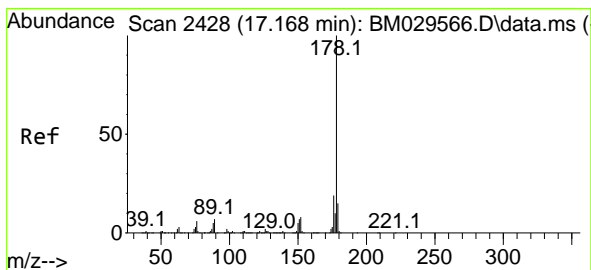
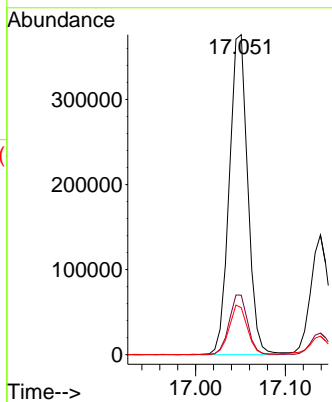
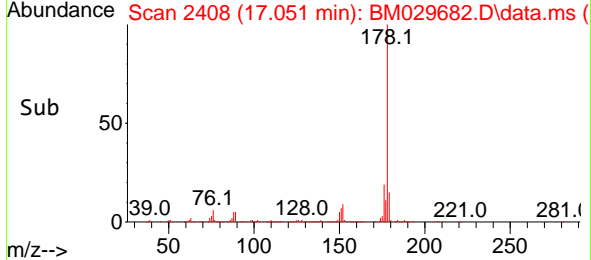
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 Phenanthrene
 Concen: 19.50 ng
 RT: 17.051 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
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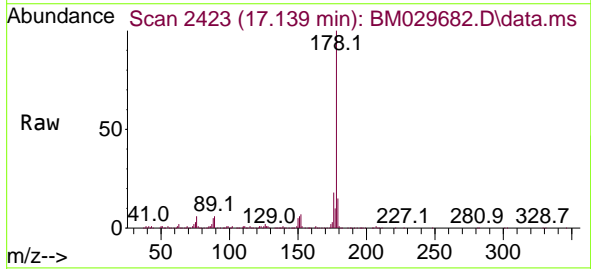


Tgt Ion:178 Resp: 535734
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 14.7 12.2 18.4

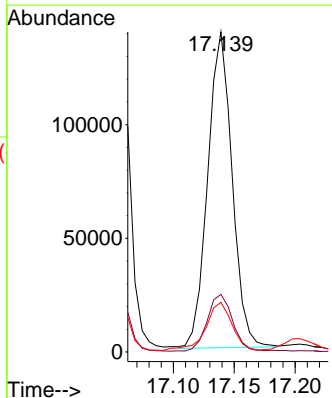
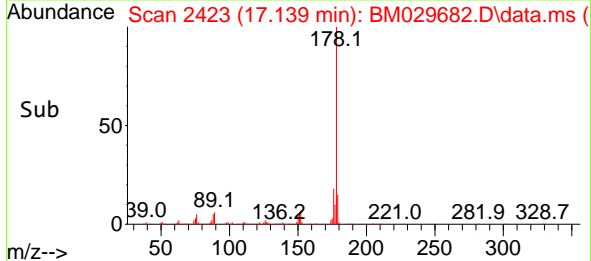
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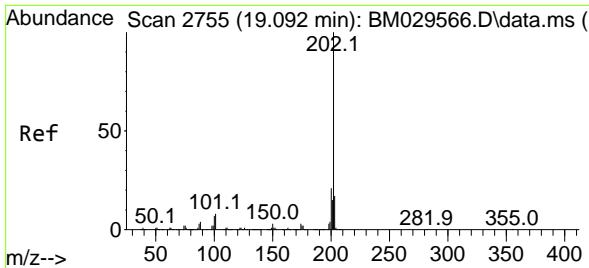


#72
 Anthracene
 Concen: 7.15 ng
 RT: 17.139 min Scan# 2423
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



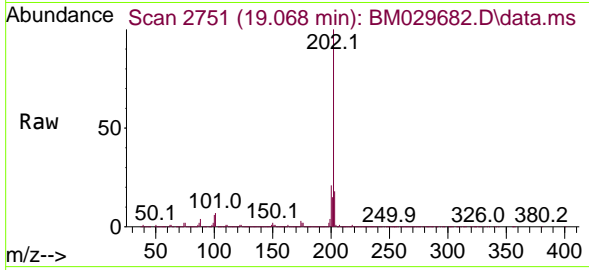
Tgt Ion:178 Resp: 193709
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.4
 179 15.5 12.5 18.7





#75
 Fluoranthene
 Concen: 38.01 ng
 RT: 19.068 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

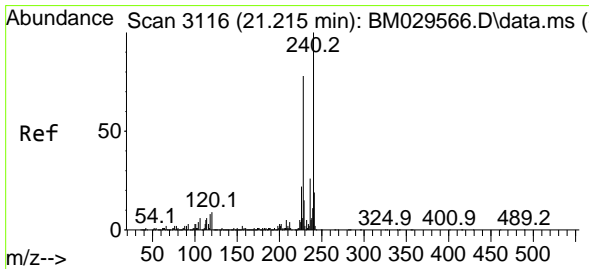
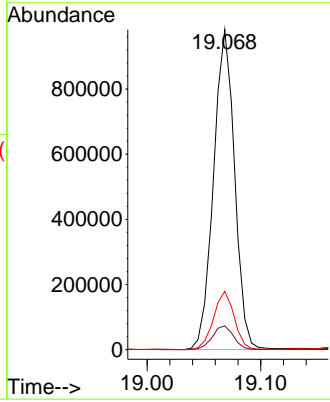
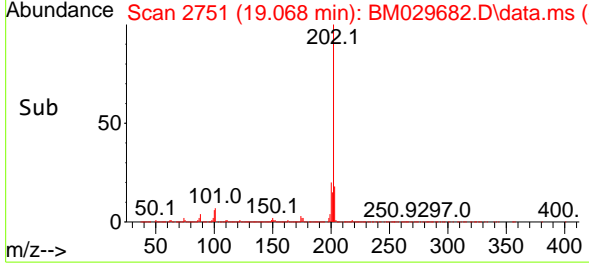
Instrument :
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ClientSampled :
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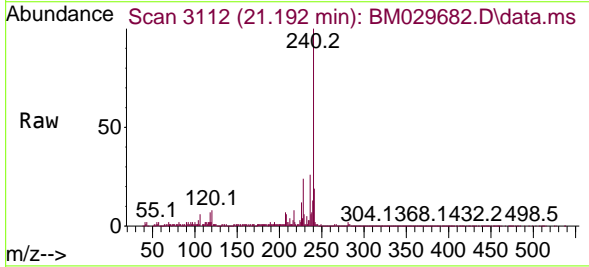
Tgt Ion: 202 Resp: 1266339

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.6
203	18.2	0.0	37.3

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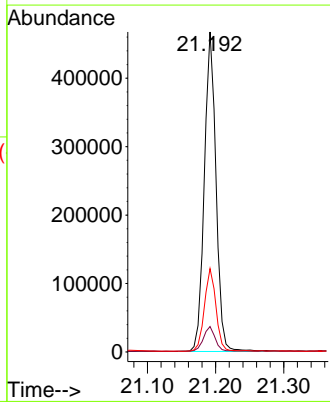
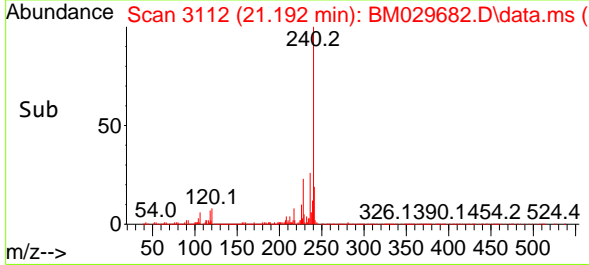


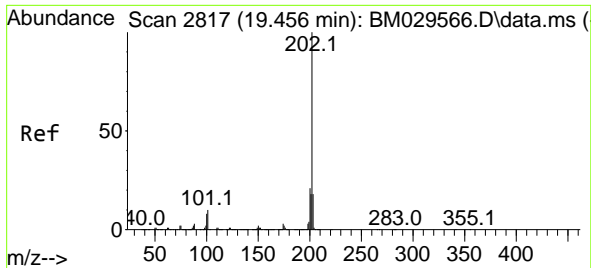
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.192 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



Tgt Ion: 240 Resp: 558005

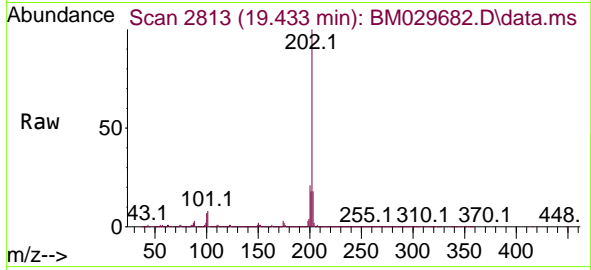
Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	26.1	21.0	31.4





#78
 Pyrene
 Concen: 30.64 ng
 RT: 19.433 min Scan# 2813
 Delta R.T. 0.000 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

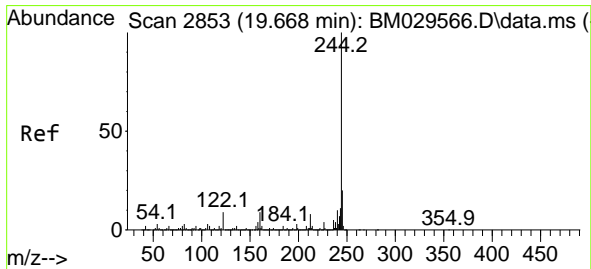
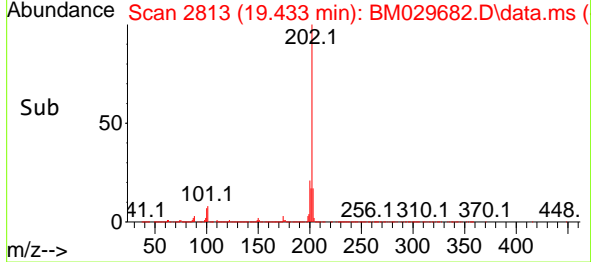
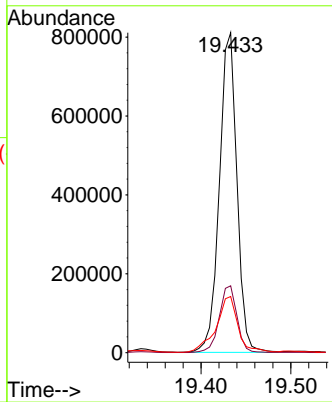
Instrument :
 BNA_M
ClientSampled :
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Tgt Ion:202 Resp: 1099907

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.5	13.9	20.9

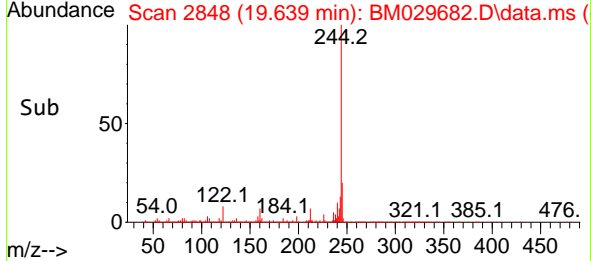
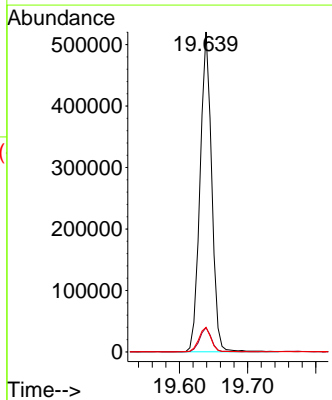
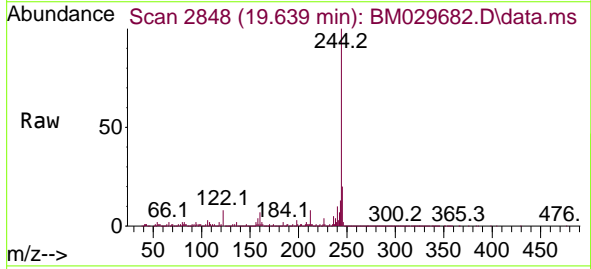
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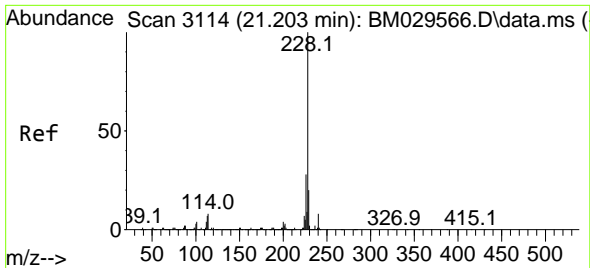


#79
 Terphenyl-d14
 Concen: 20.95 ng
 RT: 19.639 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Tgt Ion:244 Resp: 616633

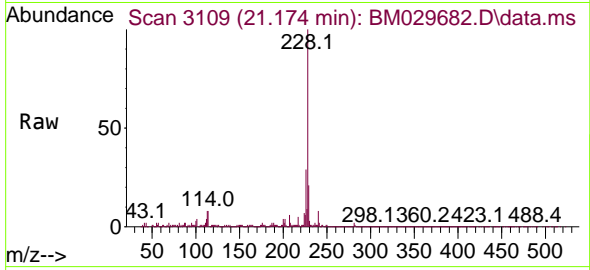
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	7.7	6.9	10.3





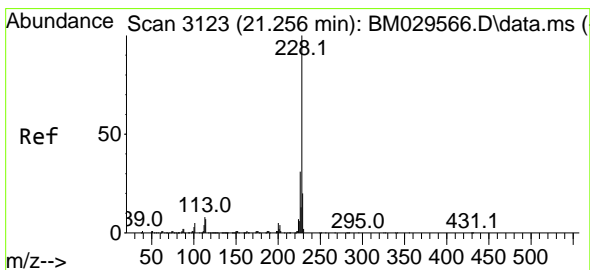
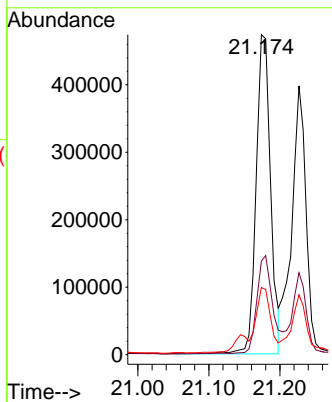
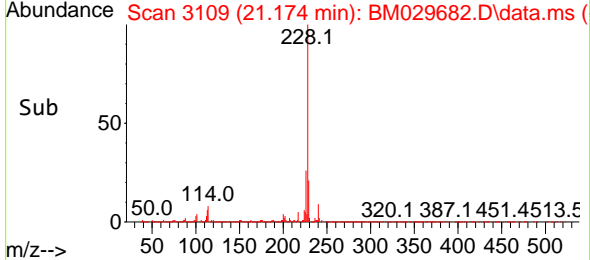
#81
 Benzo(a)anthracene
 Concen: 18.00 ng
 RT: 21.174 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
 BNA_M
ClientSampleId :
 STOCKPILE-COMP-1DL

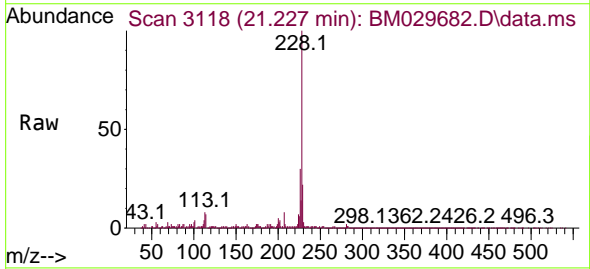


Tgt Ion:228 Resp: 664482
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.3 33.5
 229 21.0 15.7 23.5

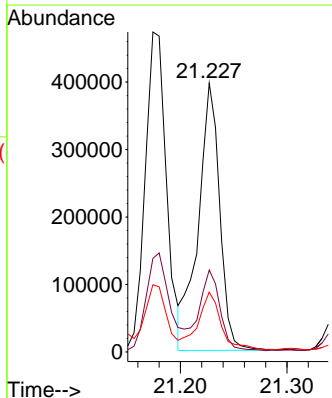
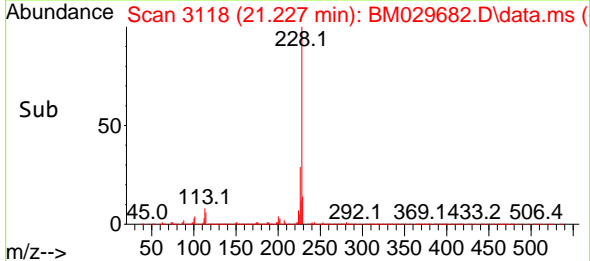
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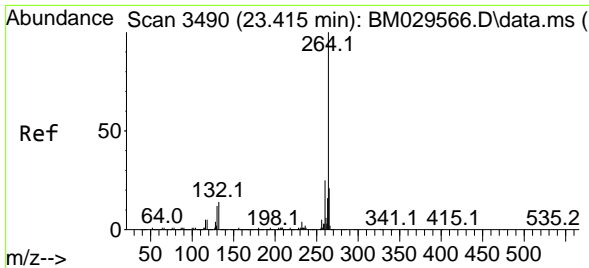


#83
 Chrysene
 Concen: 15.40 ng
 RT: 21.227 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



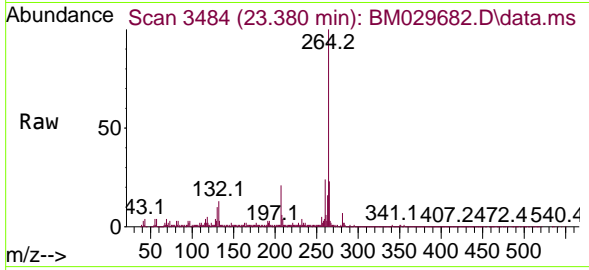
Tgt Ion:228 Resp: 558657
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 36.8
 229 22.2 15.5 23.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.380 min Scan# 3484
 Delta R.T. 0.000 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

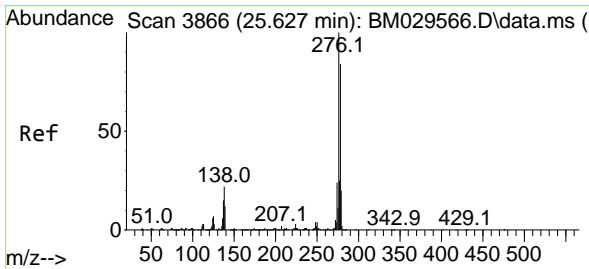
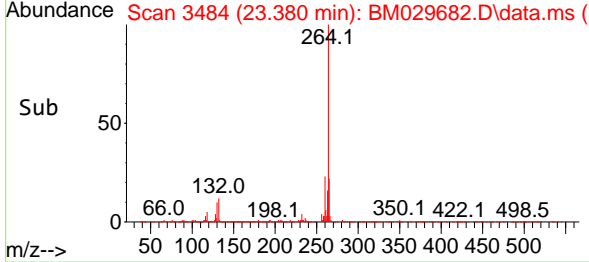
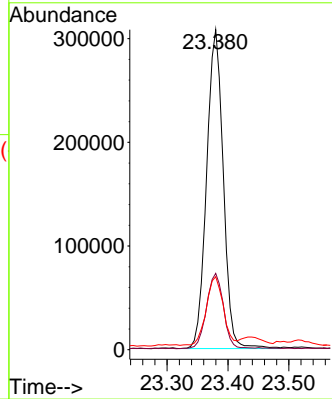
Instrument :
 BNA_M
ClientSampled :
 STOCKPILE-COMP-1DL



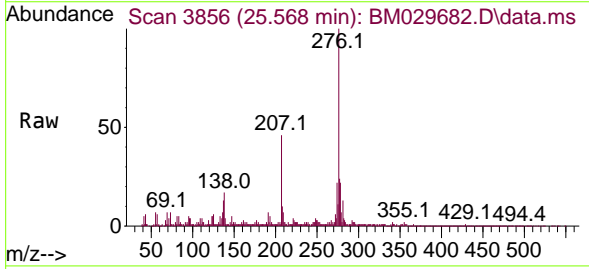
Tgt Ion: 264 Resp: 583182

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	22.8	17.7	26.5

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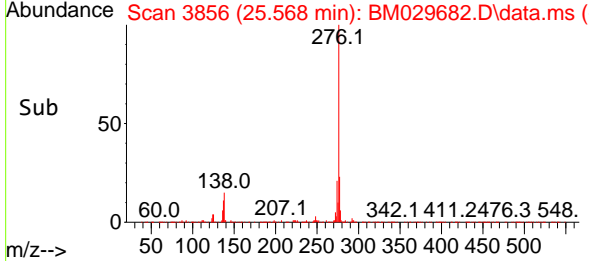
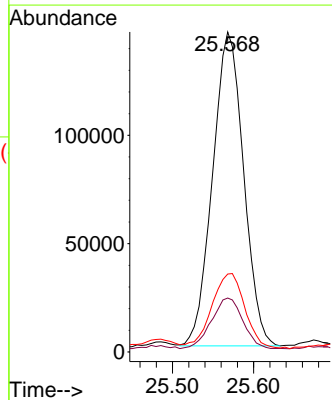


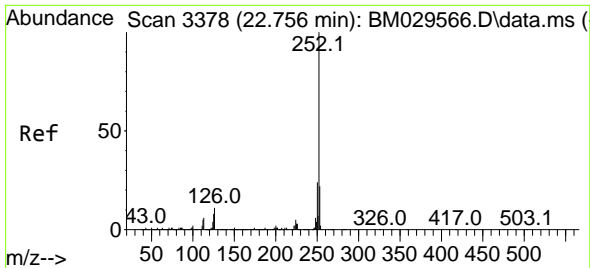
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.52 ng
 RT: 25.568 min Scan# 3856
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



Tgt Ion: 276 Resp: 384309

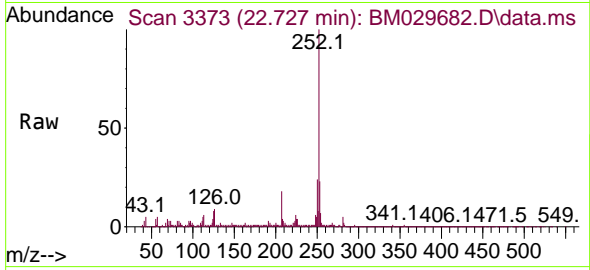
Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.1	25.7#
277	25.1	20.3	30.5





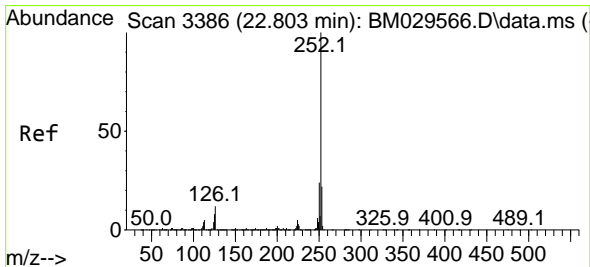
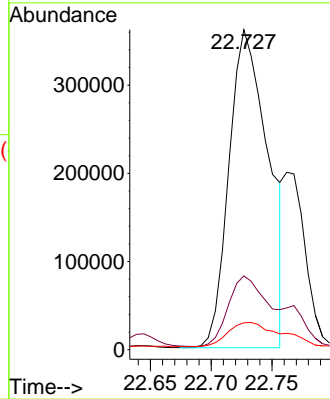
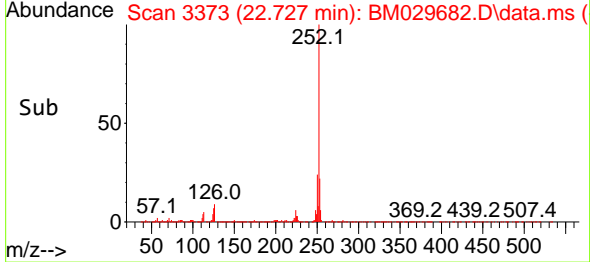
#88
 Benzo(b)fluoranthene
 Concen: 21.31 ng m
 RT: 22.727 min Scan# 3373
 Delta R.T. 0.000 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
 BNA_M
ClientSampled :
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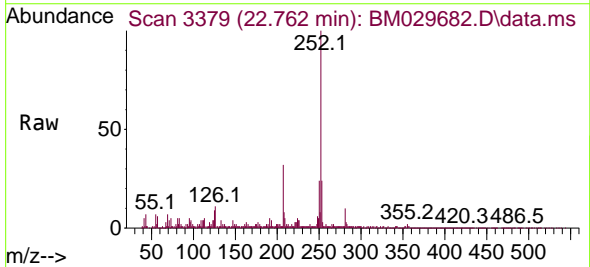


Tgt Ion:252 Resp: 810437
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 8.4 6.8 10.2

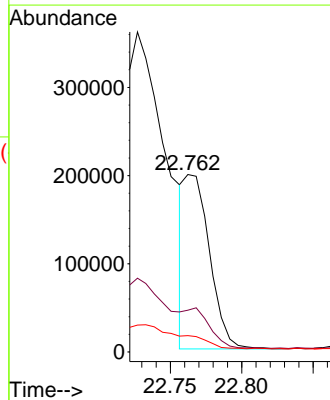
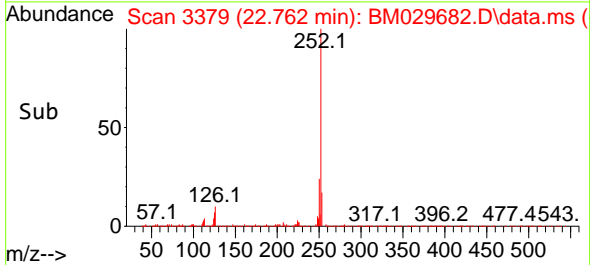
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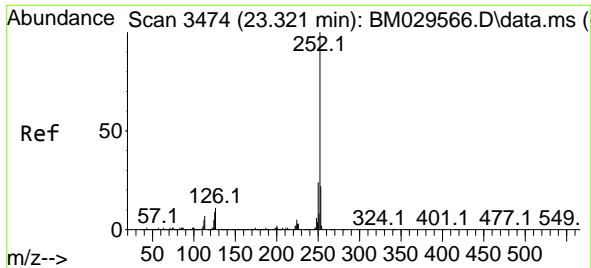


#89
 Benzo(k)fluoranthene
 Concen: 6.32 ng m
 RT: 22.762 min Scan# 3379
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



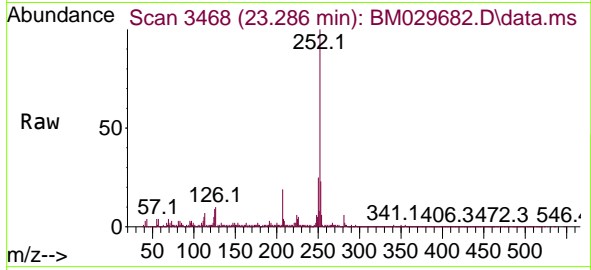
Tgt Ion:252 Resp: 240922
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.4 26.2
 125 9.2 6.2 9.2#





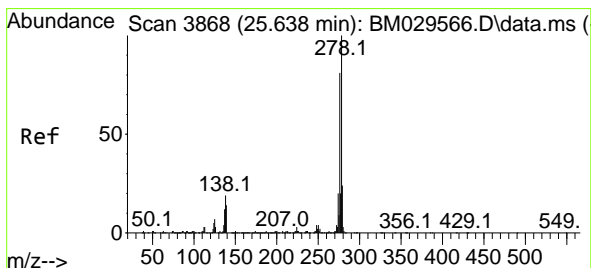
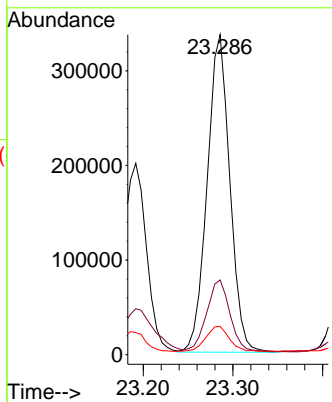
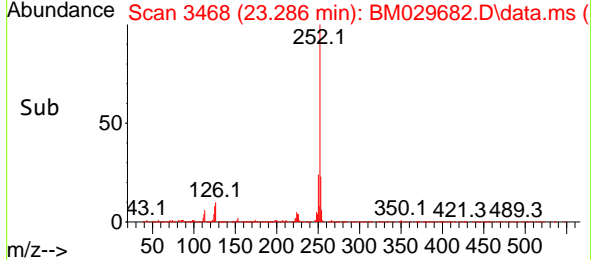
#90
 Benzo(a)pyrene
 Concen: 16.50 ng
 RT: 23.286 min Scan# 3468
 Delta R.T. 0.000 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
 BNA_M
ClientSampled :
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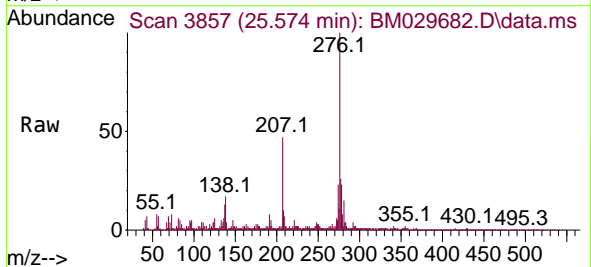


Tgt Ion:252 Resp: 589157
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 8.9 7.3 10.9

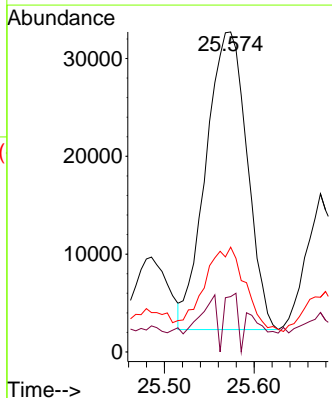
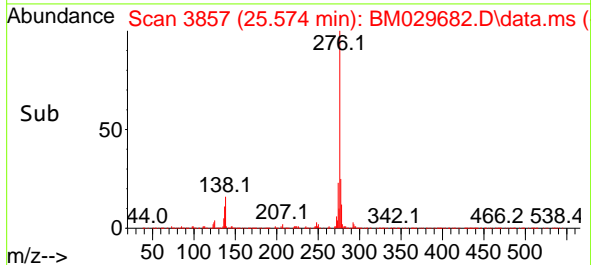
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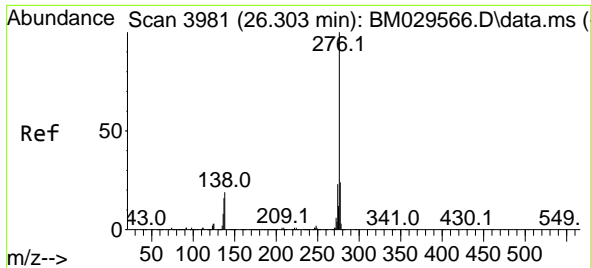


#91
 Dibenzo(a,h)anthracene
 Concen: 2.49 ng
 RT: 25.574 min Scan# 3857
 Delta R.T. -0.018 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16



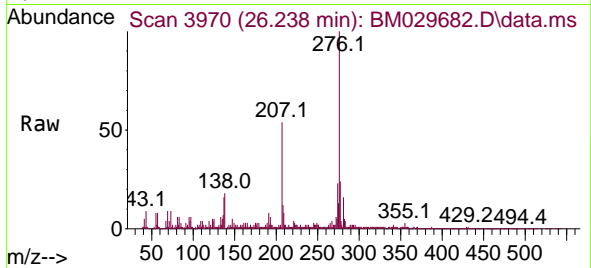
Tgt Ion:278 Resp: 96729
 Ion Ratio Lower Upper
 278 100
 139 17.3 11.0 16.4#
 279 32.7 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 10.43 ng
 RT: 26.238 min Scan# 3970
 Delta R.T. -0.012 min
 Lab File: BM029682.D
 Acq: 27 Apr 2021 20:16

Instrument :
 BNA_M
ClientSampled :
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Tgt Ion:276 Resp: 374942
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.2
 138 18.3 14.4 21.6

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