

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029715.D
 Acq On : 29 Apr 2021 18:46
 Operator : CG/JU
 Sample : M2190-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-042721

Quant Time: Apr 30 01:07:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

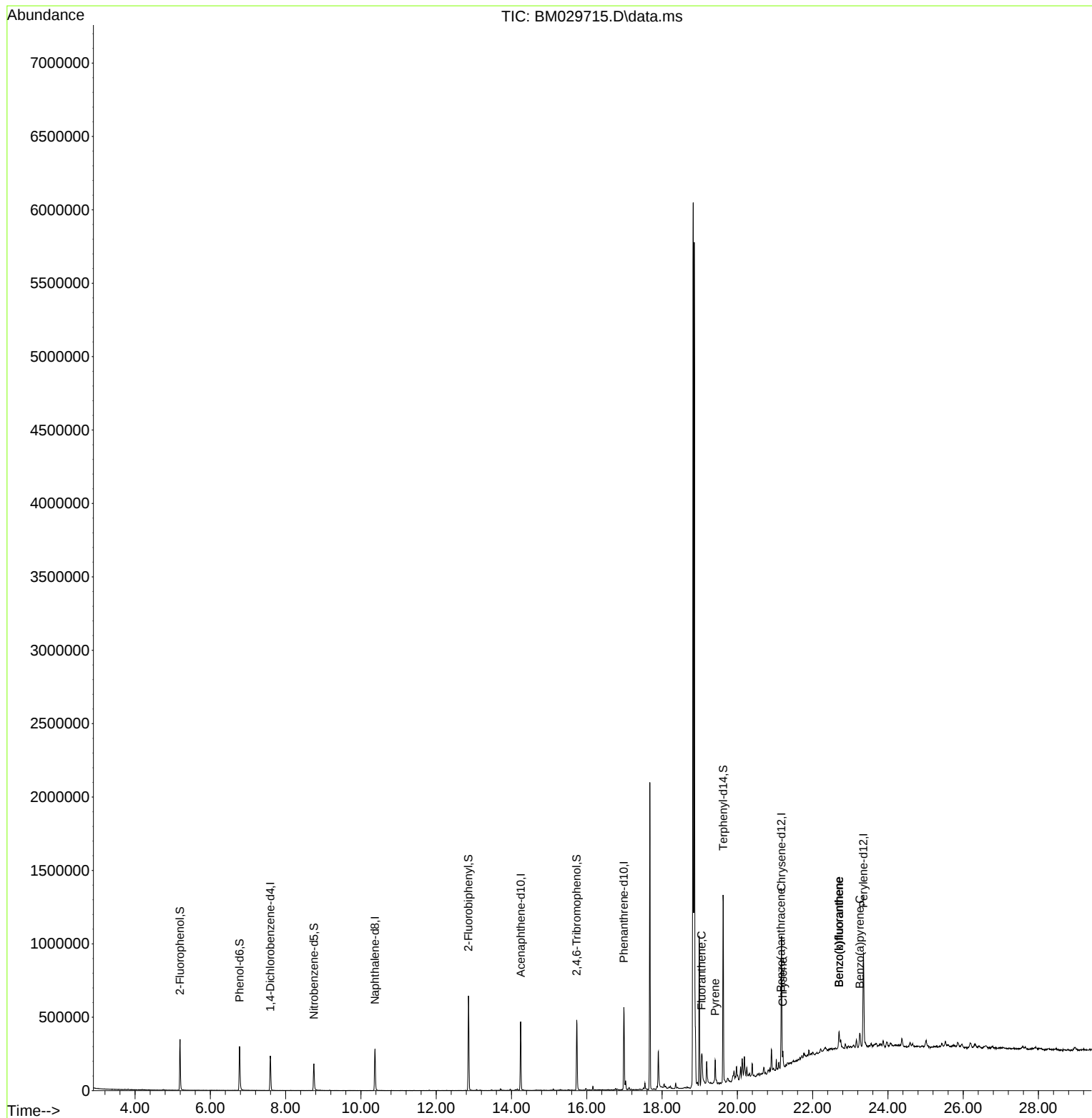
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70996	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	246234	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	166749	20.00	ng	0.00
64) Phenanthrene-d10	16.986	188	362874	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	426527	20.00	ng	# 0.00
86) Perylene-d12	23.350	264	453677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	150874	44.31	ng	0.00
7) Phenol-d6	6.775	99	179037	38.72	ng	0.00
23) Nitrobenzene-d5	8.751	82	115265	27.05	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	98008	37.02	ng	0.00
45) 2-Fluorobiphenyl	12.857	172	349597	27.19	ng	0.00
79) Terphenyl-d14	19.621	244	617346	26.57	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.051	202	100786	4.01	ng	97
78) Pyrene	19.410	202	103185	3.77	ng	97
81) Benzo(a)anthracene	21.157	228	57835	2.08	ng	96
83) Chrysene	21.209	228	61696	2.24	ng	97
88) Benzo(b)fluoranthene	22.703	252	101861	3.39	ng	# 90
89) Benzo(k)fluoranthene	22.703	252	101861	3.50	ng	# 89
90) Benzo(a)pyrene	23.256	252	55744	2.03	ng	# 95

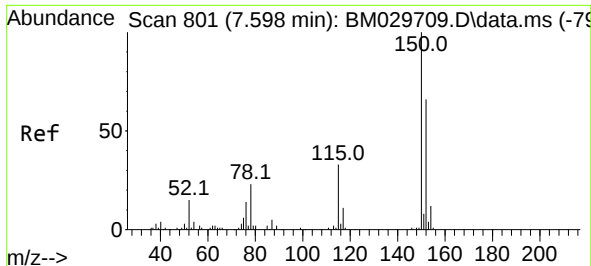
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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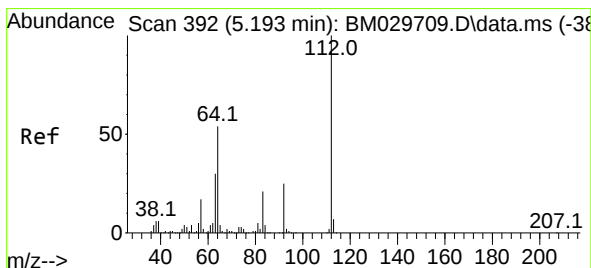
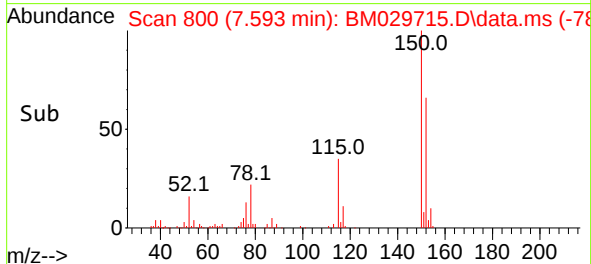
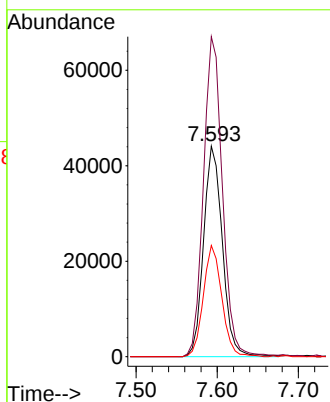
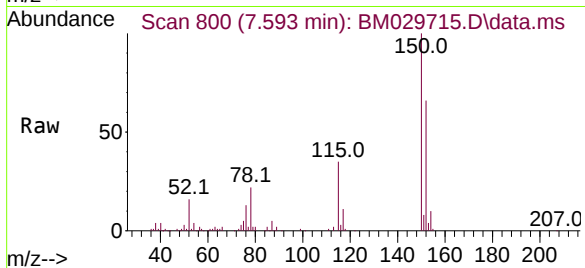




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.593 min Scan# 800
Delta R.T. -0.005 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

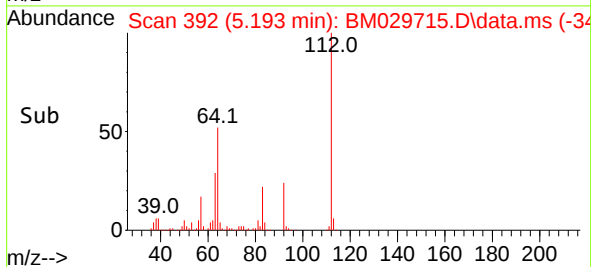
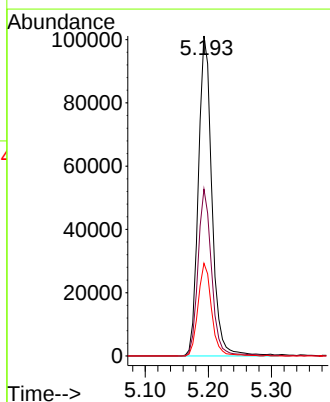
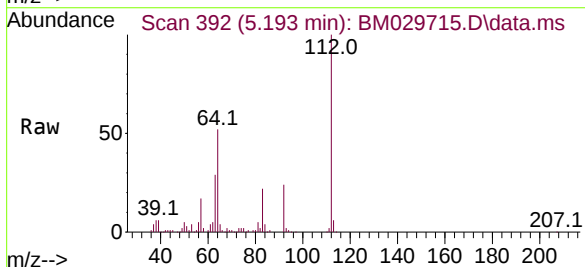
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

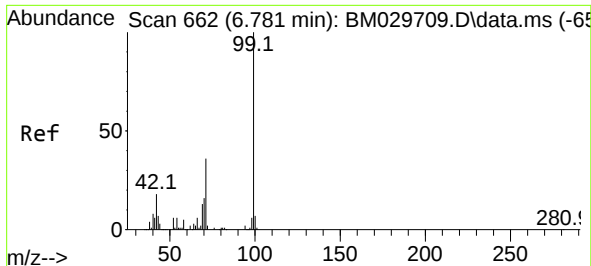
Tgt Ion:152 Resp: 70996
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 52.8 44.6 67.0



#5
2-Fluorophenol
Concen: 44.31 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:112 Resp: 150874
Ion Ratio Lower Upper
112 100
64 52.2 47.1 70.7
63 28.9 27.3 40.9

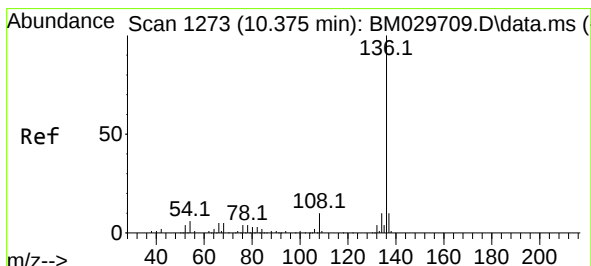
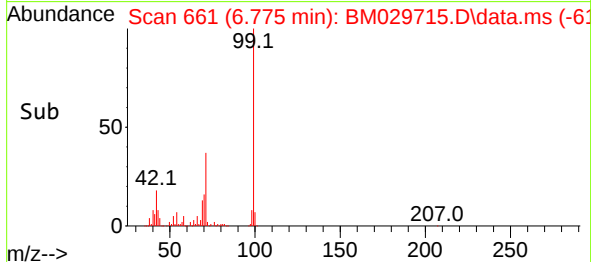
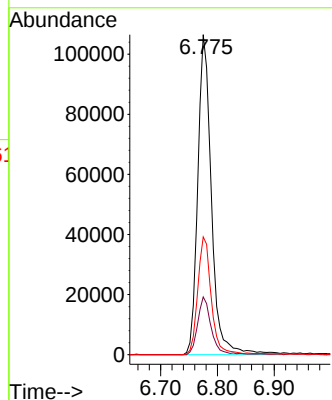
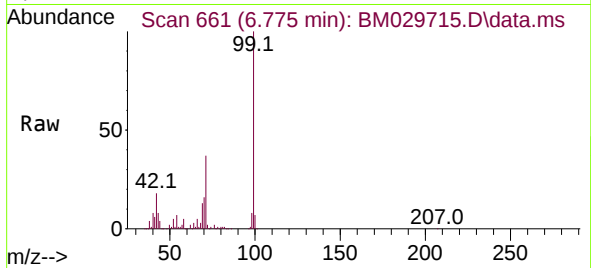




#7
Phenol-d6
Concen: 38.72 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

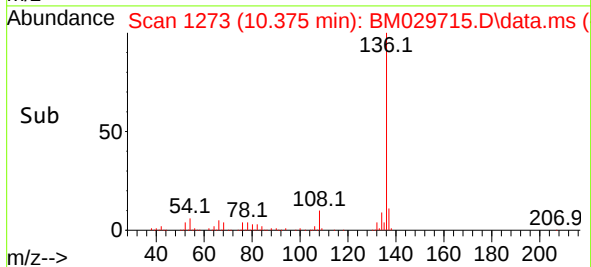
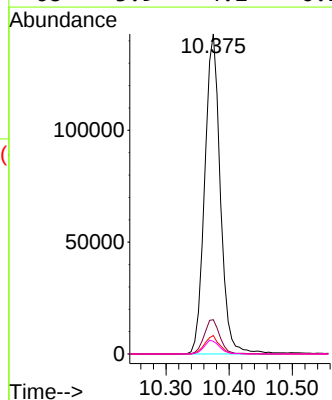
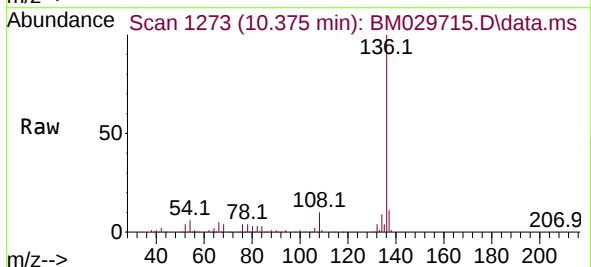
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

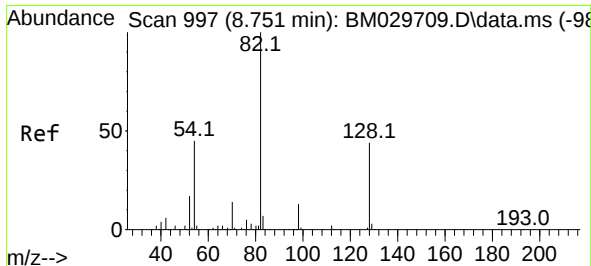
Tgt Ion: 99 Resp: 179037
Ion Ratio Lower Upper
99 100
42 18.1 18.0 27.0
71 36.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion: 136 Resp: 246234
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.8 5.5 8.3
68 3.9 4.2 6.2#

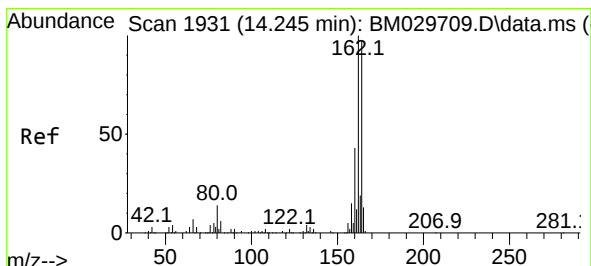
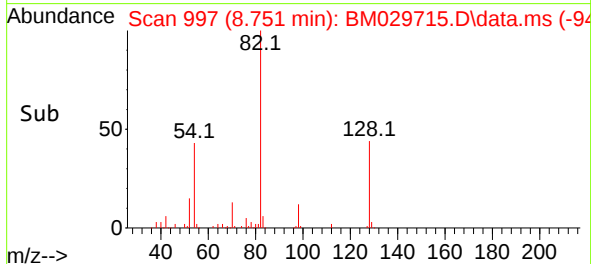
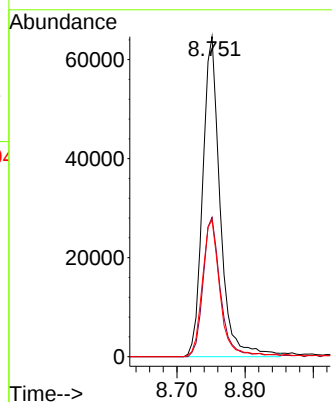
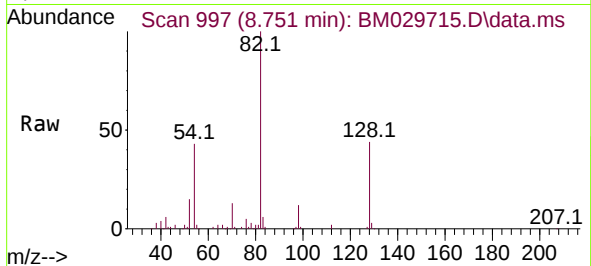




#23
Nitrobenzene-d5
Concen: 27.05 ng
RT: 8.751 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

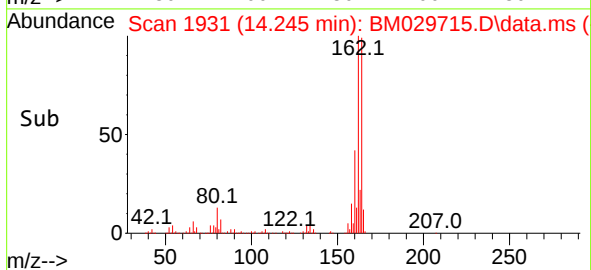
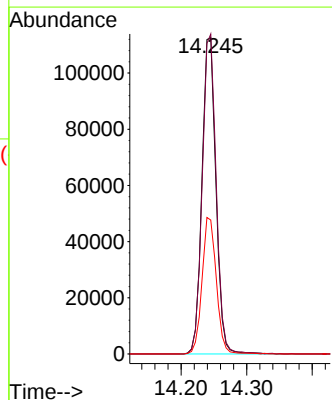
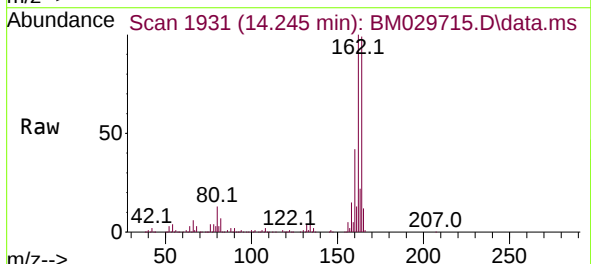
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

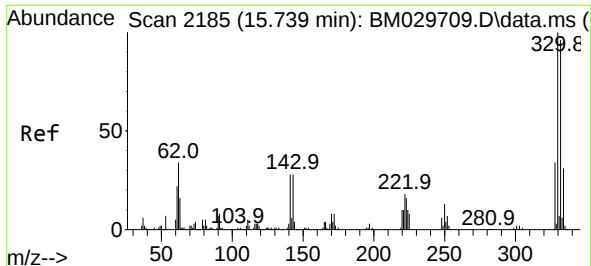
Tgt Ion: 82 Resp: 115265
Ion Ratio Lower Upper
82 100
128 43.6 31.1 46.7
54 42.7 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:164 Resp: 166749
Ion Ratio Lower Upper
164 100
162 101.2 83.4 125.0
160 42.3 37.2 55.8

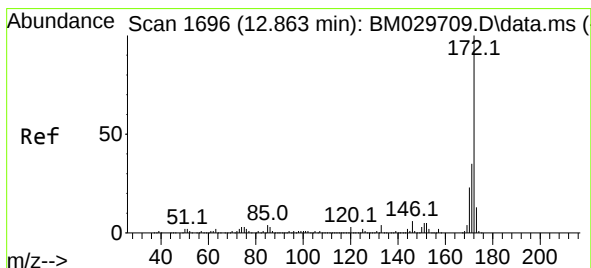
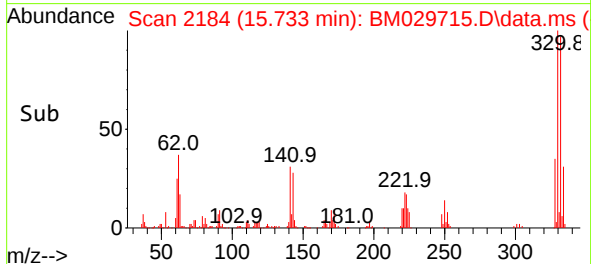
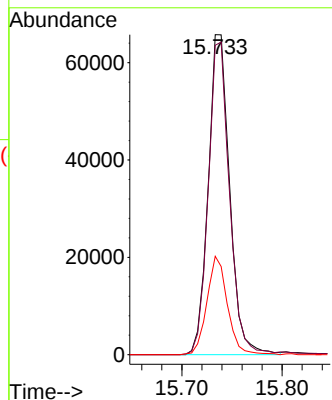
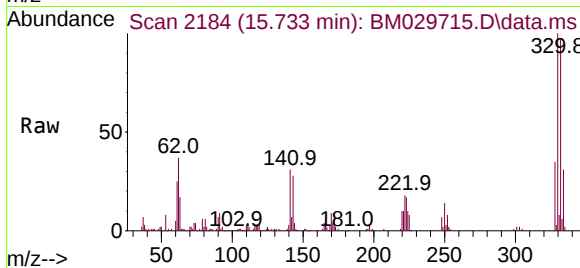




#42
2,4,6-Tribromophenol
Concen: 37.02 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

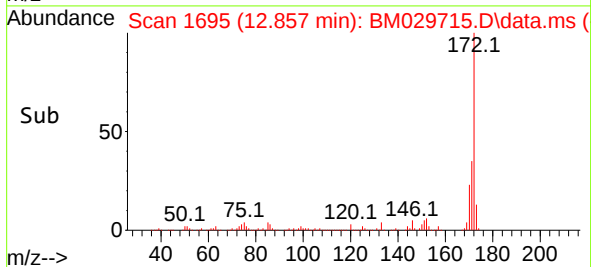
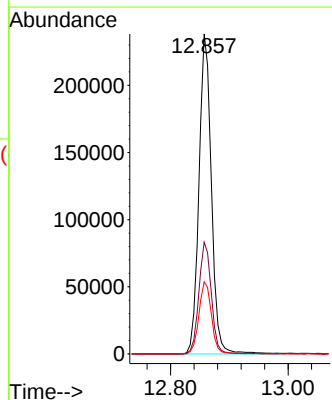
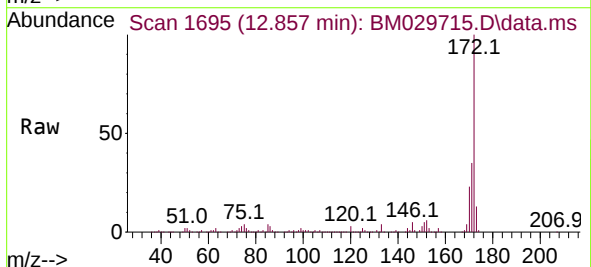
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

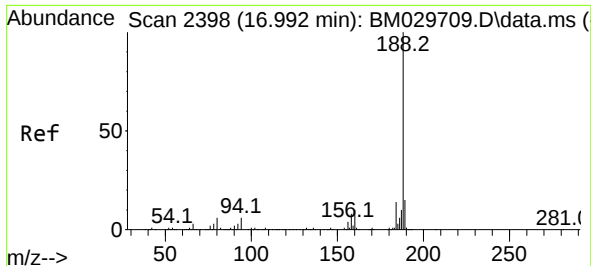
Tgt Ion:330 Resp: 98008
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 29.4 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 27.19 ng
RT: 12.857 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:172 Resp: 349597
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.6 18.4 27.6

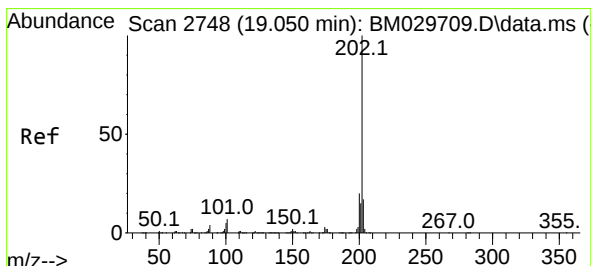
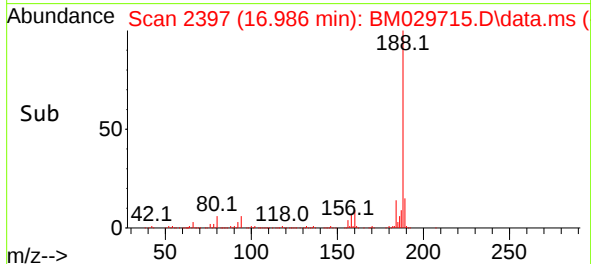
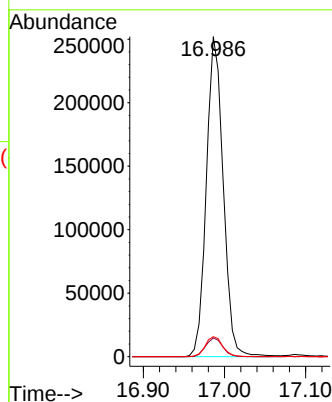
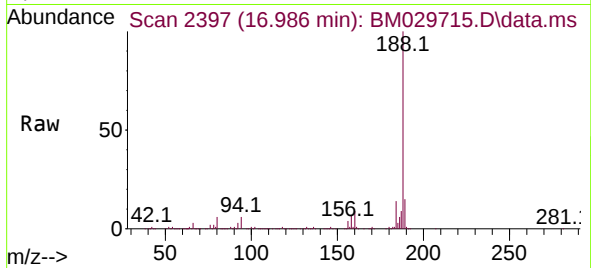




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

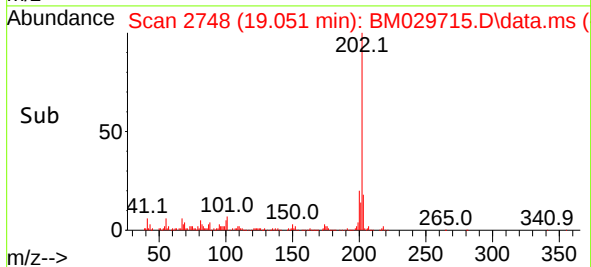
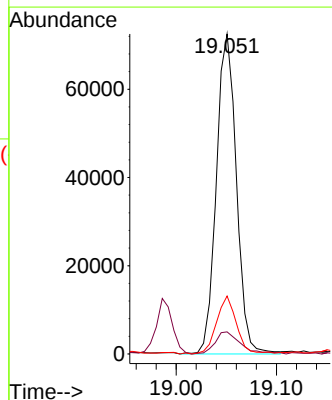
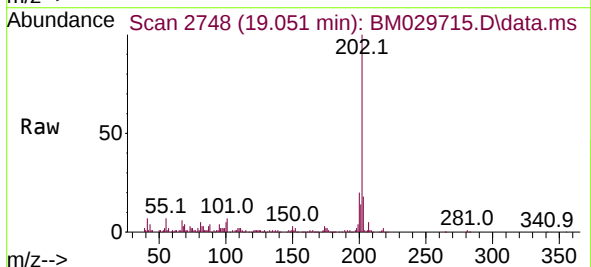
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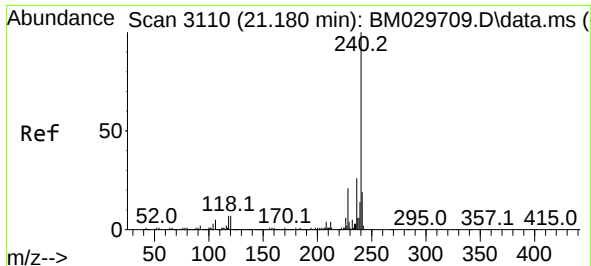
Tgt Ion:188 Resp: 362874
Ion Ratio Lower Upper
188 100
94 5.8 6.0 9.0#
80 6.3 6.6 9.8#



#75
Fluoranthene
Concen: 4.01 ng
RT: 19.051 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:202 Resp: 100786
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.6
203 18.1 0.0 37.3

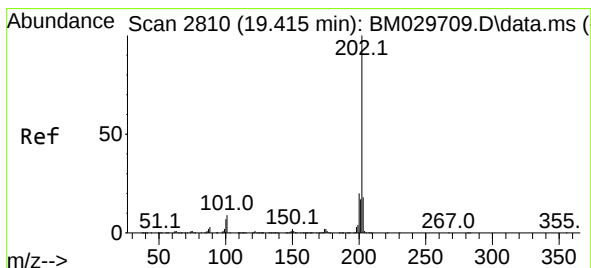
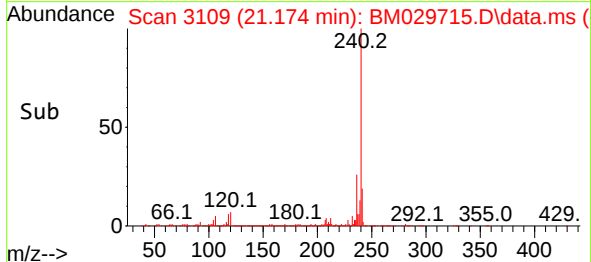
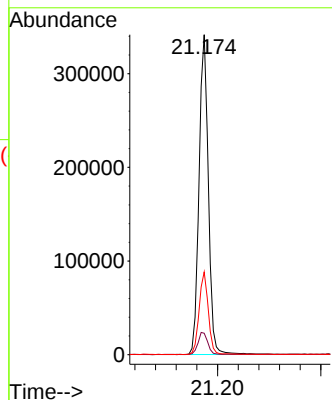
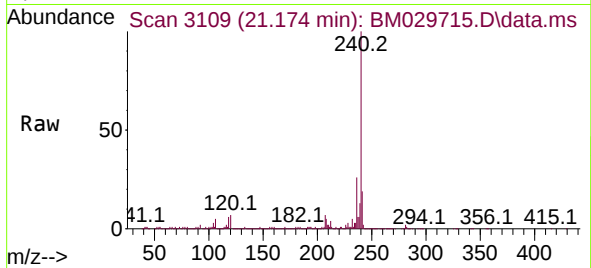




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

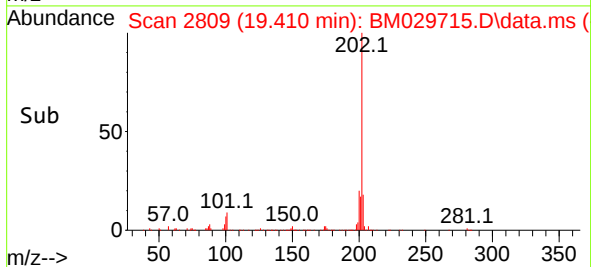
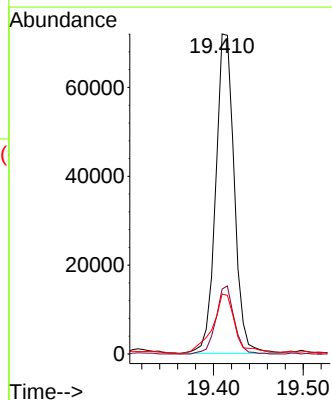
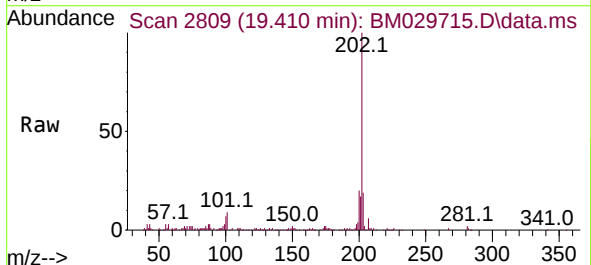
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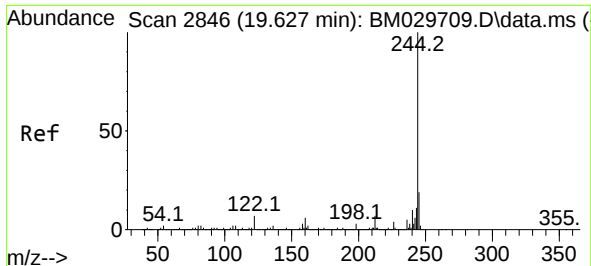
Tgt Ion:240 Resp: 426527
Ion Ratio Lower Upper
240 100
120 6.7 7.0 10.6#
236 25.9 21.0 31.4



#78
Pyrene
Concen: 3.77 ng
RT: 19.410 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:202 Resp: 103185
Ion Ratio Lower Upper
202 100
200 20.3 17.3 25.9
203 18.8 13.9 20.9

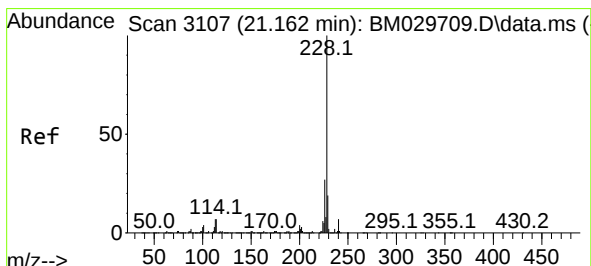
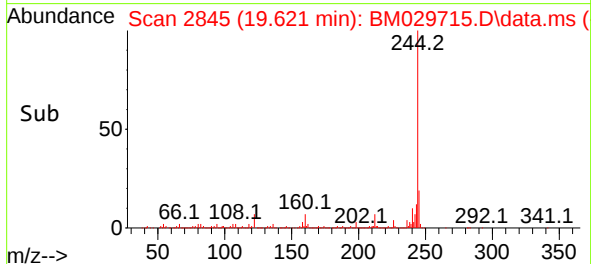
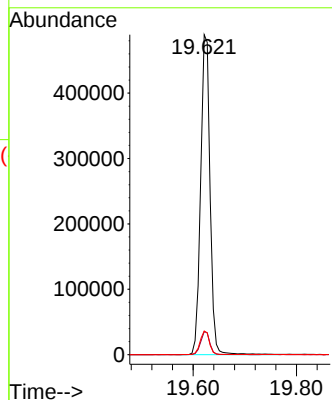
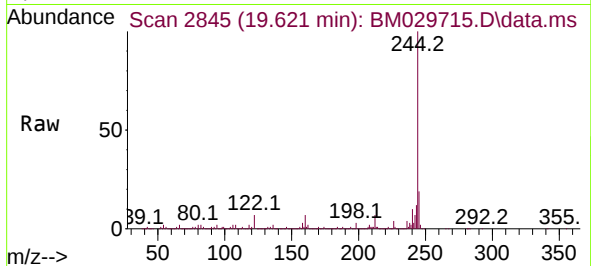




#79
 Terphenyl-d14
 Concen: 26.57 ng
 RT: 19.621 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BM029715.D
 Acq: 29 Apr 2021 18:46

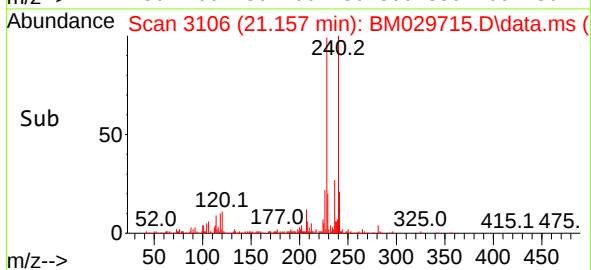
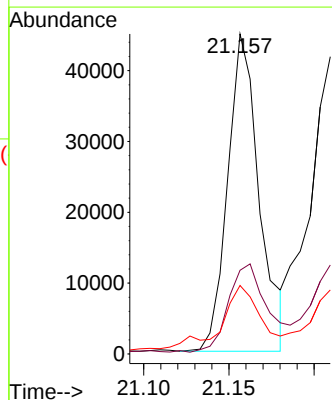
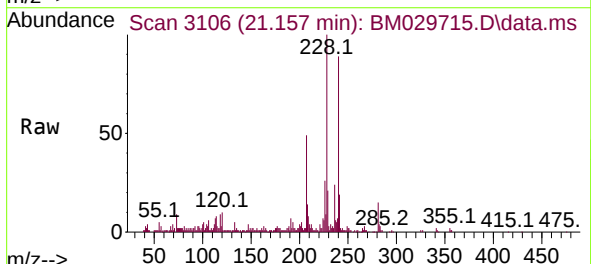
Instrument :
 BNA_M
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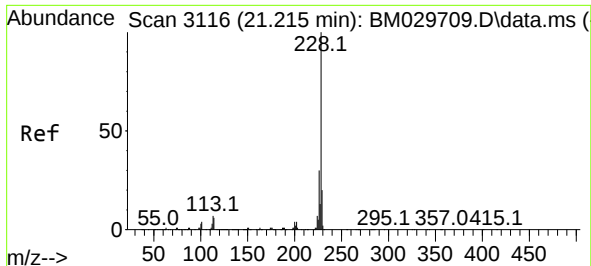
Tgt Ion:244 Resp: 617346
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 7.4 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 2.08 ng
 RT: 21.157 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM029715.D
 Acq: 29 Apr 2021 18:46

Tgt Ion:228 Resp: 57835
 Ion Ratio Lower Upper
 228 100
 226 26.2 22.3 33.5
 229 21.4 15.7 23.5

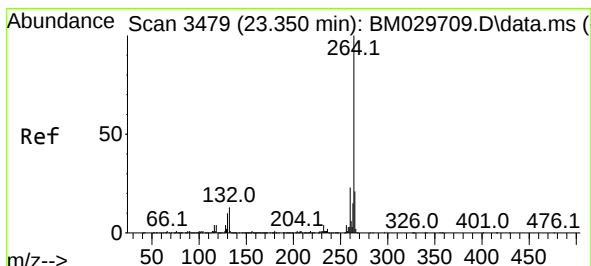
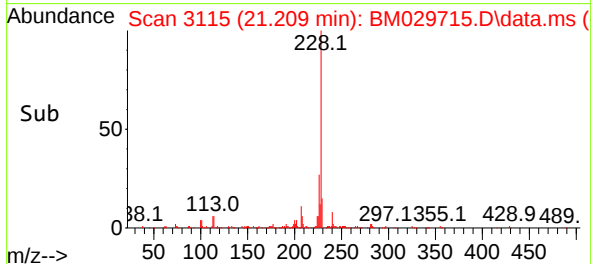
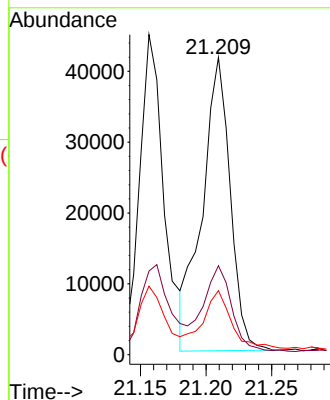
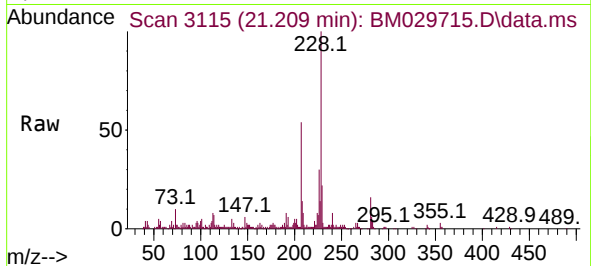




#83
Chrysene
Concen: 2.24 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

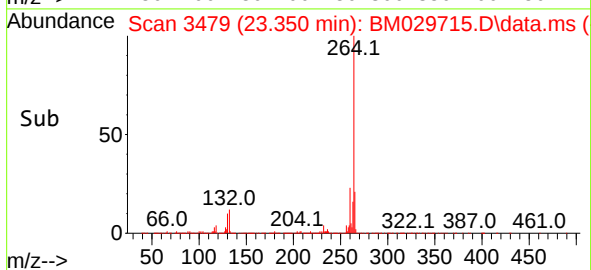
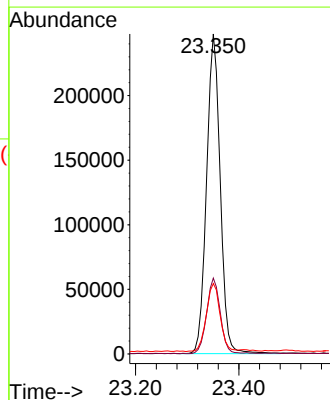
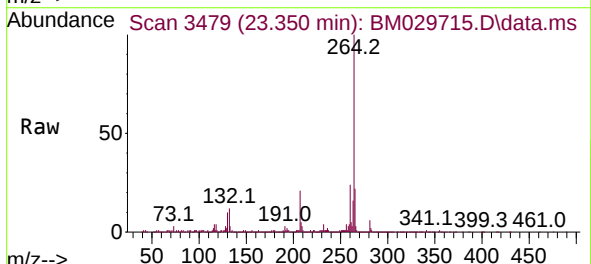
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

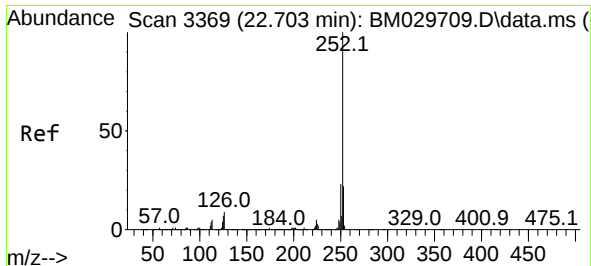
Tgt Ion:228	Resp: 61696
Ion Ratio	Lower Upper
228 100	
226 29.9	24.6 36.8
229 21.5	15.5 23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.350 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:264	Resp: 453677
Ion Ratio	Lower Upper
264 100	
260 23.7	19.8 29.8
265 22.0	17.7 26.5

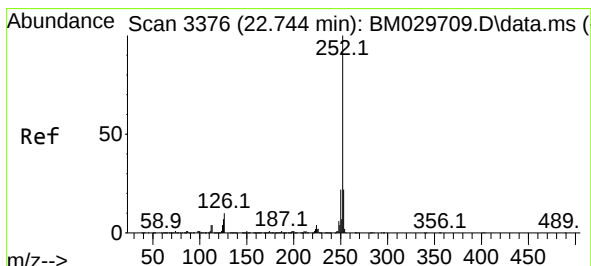
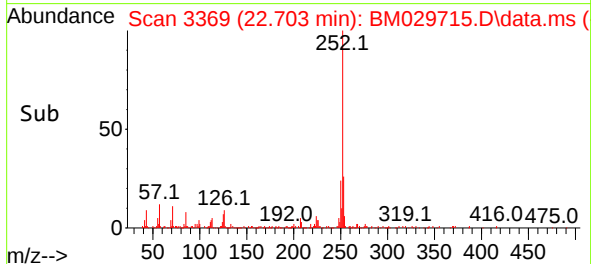
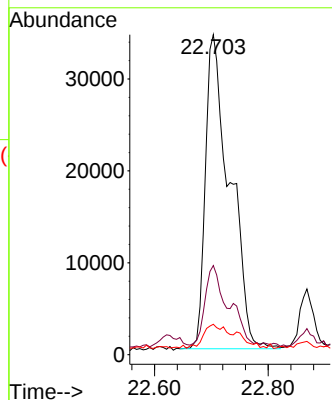
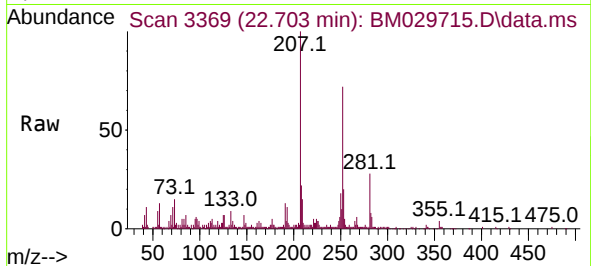




#88
Benzo(b)fluoranthene
Concen: 3.39 ng
RT: 22.703 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

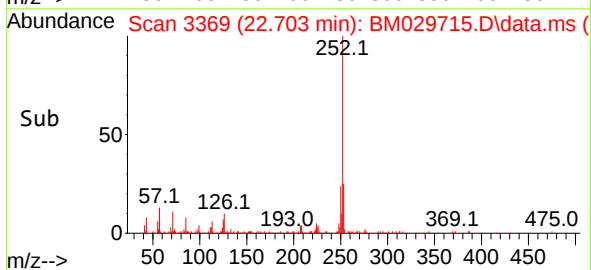
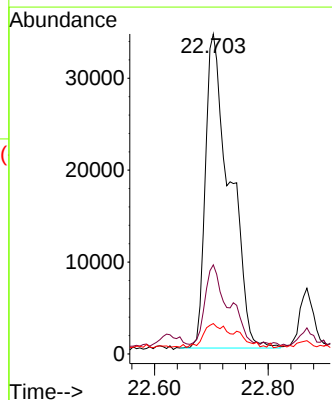
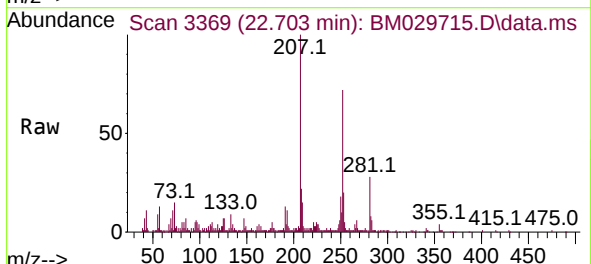
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

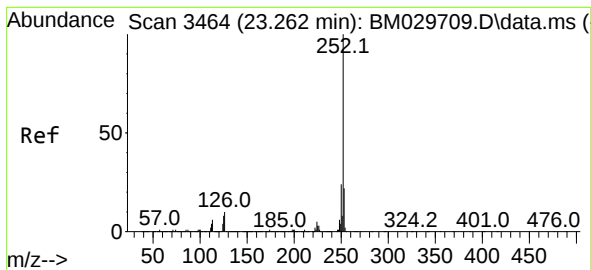
Tgt Ion:252 Resp: 101861
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.0#
125 9.5 6.8 10.2



#89
Benzo(k)fluoranthene
Concen: 3.50 ng
RT: 22.703 min Scan# 3369
Delta R.T. -0.041 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

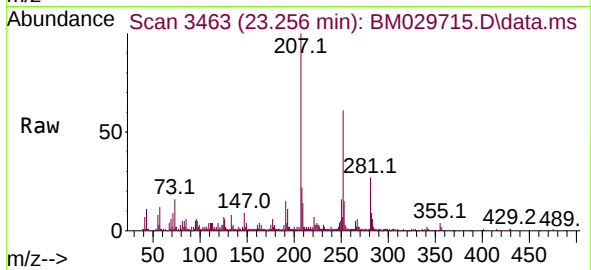
Tgt Ion:252 Resp: 101861
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.2#
125 9.5 6.2 9.2#





#90
 Benzo(a)pyrene
 Concen: 2.03 ng
 RT: 23.256 min Scan# 3463
 Delta R.T. -0.006 min
 Lab File: BM029715.D
 Acq: 29 Apr 2021 18:46

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-042721



Tgt Ion:252 Resp: 55744
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.7 26.5
 125 11.7 7.3 10.9#

