

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029530.D
 Acq On : 16 Apr 2021 20:11
 Operator : CG/JU
 Sample : M2050-15 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Apr 16 23:20:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

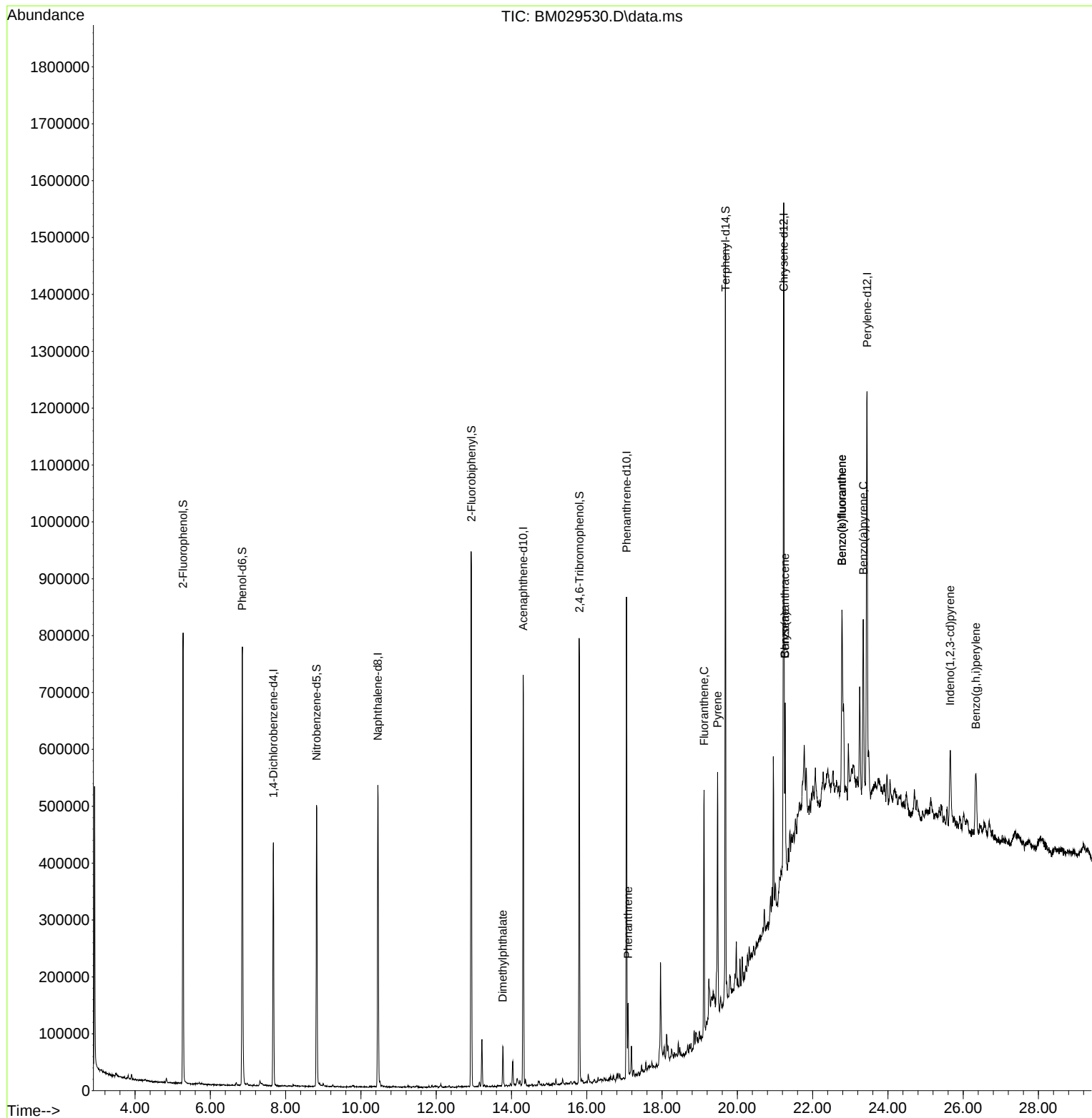
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	99698	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	392914	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	216837	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	421127	20.00	ng	0.00
76) Chrysene-d12	21.233	240	402298	20.00	ng	0.00
86) Perylene-d12	23.445	264	417804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	282531	46.79	ng	0.00
7) Phenol-d6	6.846	99	370437	43.46	ng	0.00
23) Nitrobenzene-d5	8.822	82	282243	32.93	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	99475	45.90	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	428324	27.52	ng	0.00
79) Terphenyl-d14	19.686	244	486928	22.99	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.769	163	38504	2.46	ng	99
71) Phenanthrene	17.098	178	66570	2.73	ng	99
75) Fluoranthene	19.115	202	222922	8.22	ng	98
78) Pyrene	19.474	202	221197	7.91	ng	100
81) Benzo(a)anthracene	21.268	228	137825	5.13	ng	95
83) Chrysene	21.268	228	137825	5.24	ng	97
87) Indeno(1,2,3-cd)pyrene	25.656	276	114980	3.73	ng	97
88) Benzo(b)fluoranthene	22.780	252	287409	10.48	ng	# 94
89) Benzo(k)fluoranthene	22.780	252	287409	10.95	ng	# 94
90) Benzo(a)pyrene	23.345	252	162489	6.48	ng	# 94
92) Benzo(g,h,i)perylene	26.338	276	113648	4.46	ng	94

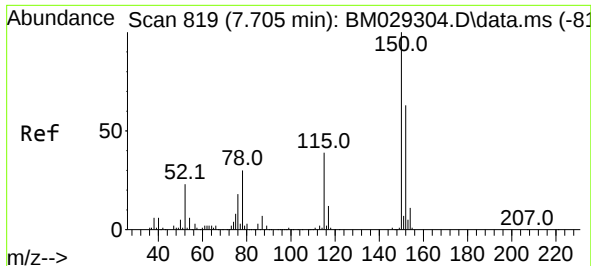
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
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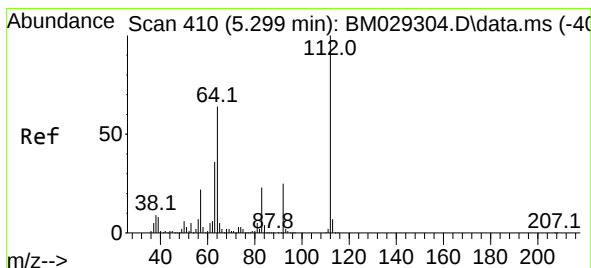
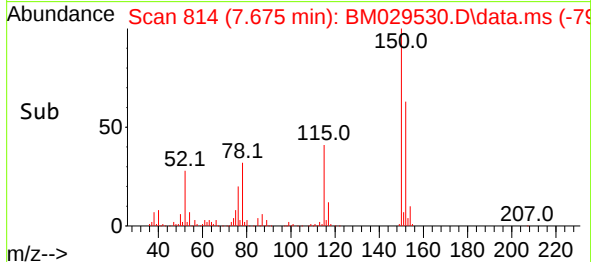
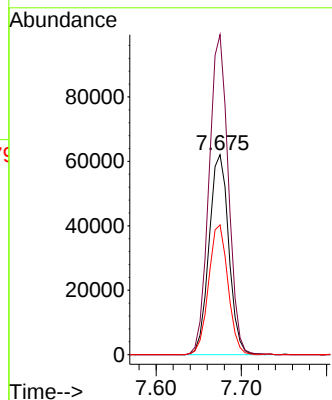
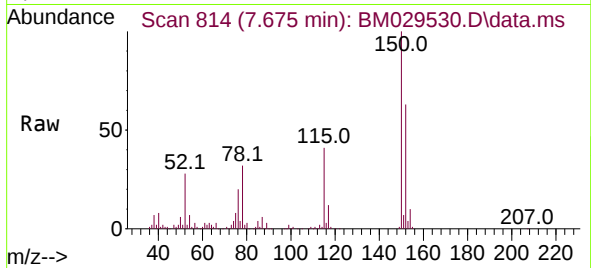




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

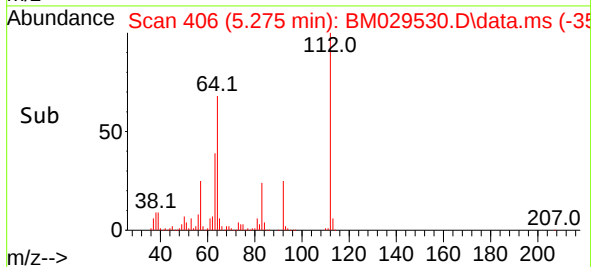
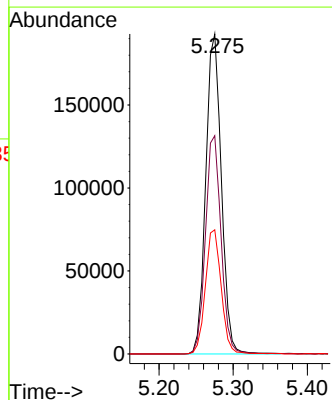
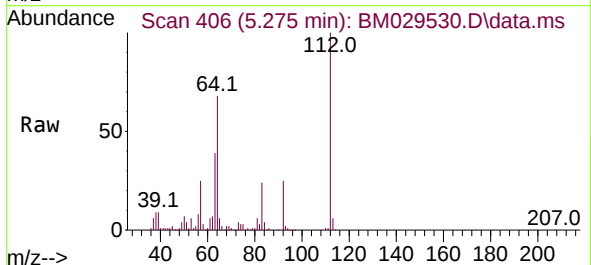
Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 99698
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 64.8 46.4 69.6



#5
2-Fluorophenol
Concen: 46.79 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:112 Resp: 282531
Ion Ratio Lower Upper
112 100
64 68.2 51.6 77.4
63 38.8 29.0 43.4

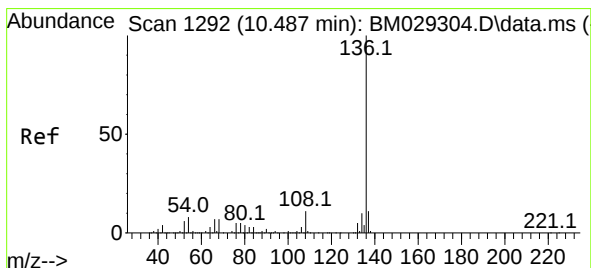
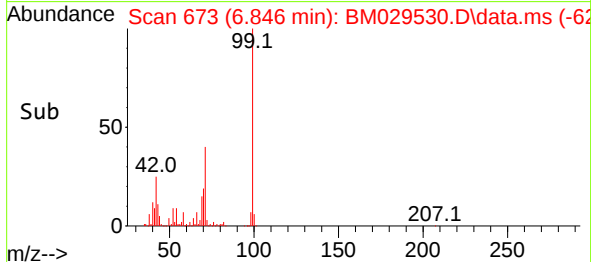
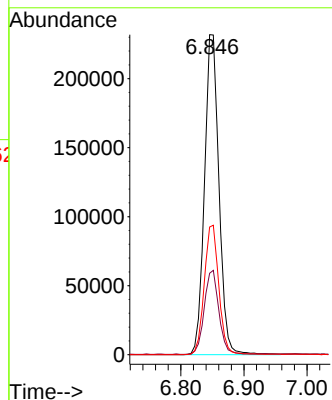
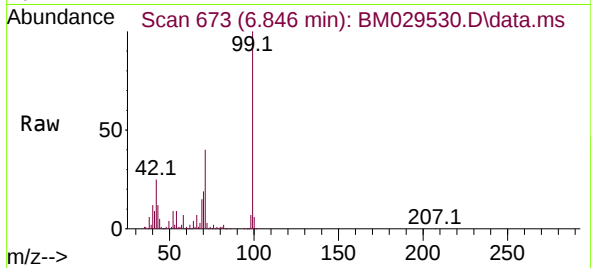




#7
Phenol-d6
Concen: 43.46 ng
RT: 6.846 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

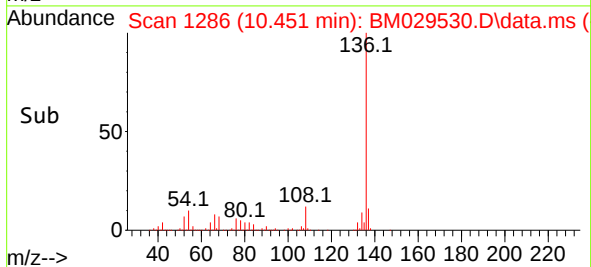
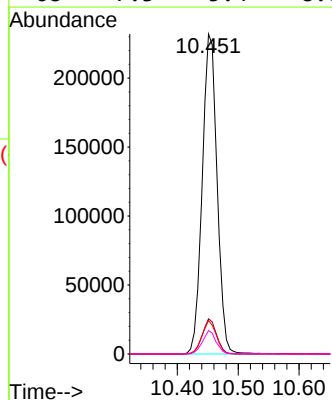
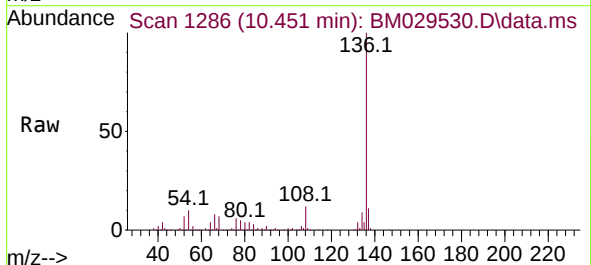
Instrument :
BNA_M
ClientSampled :
TP-1

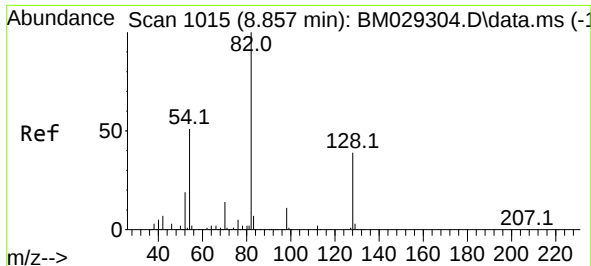
Tgt Ion: 99 Resp: 370437
Ion Ratio Lower Upper
99 100
42 25.5 18.5 27.7
71 39.9 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion: 136 Resp: 392914
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 10.5 6.9 10.3#
68 7.3 5.4 8.0

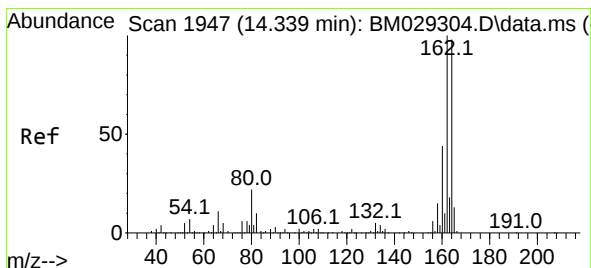
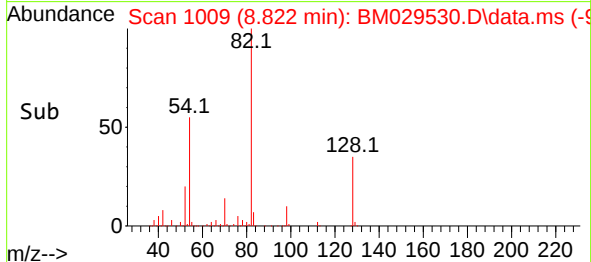
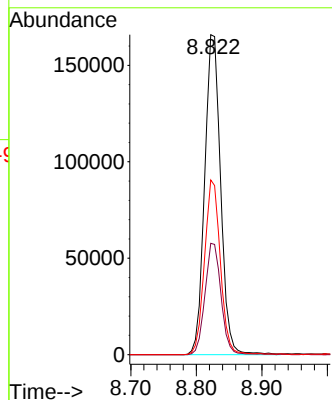
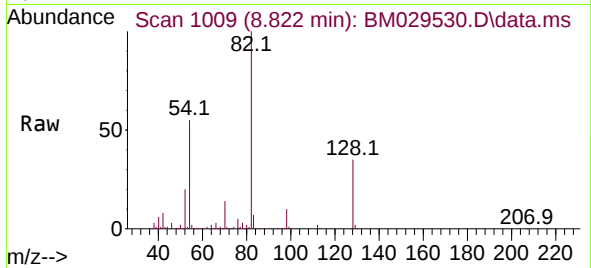




#23
Nitrobenzene-d5
Concen: 32.93 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

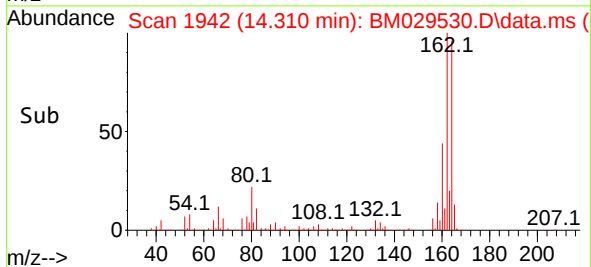
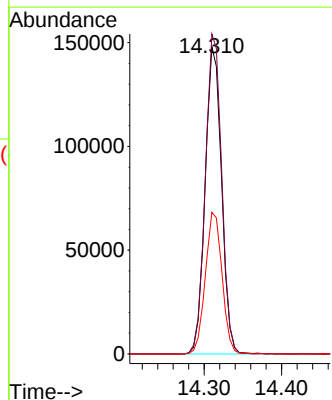
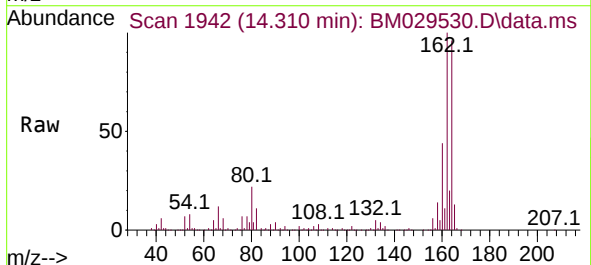
Instrument :
BNA_M
ClientSampled :
TP-1

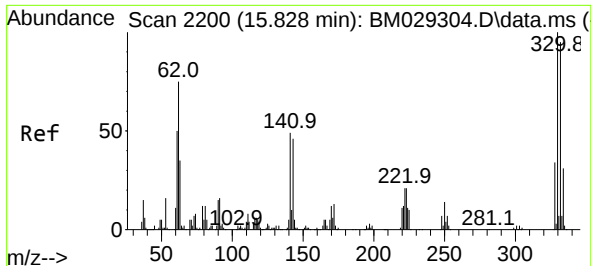
Tgt Ion: 82 Resp: 282243
Ion Ratio Lower Upper
82 100
128 34.8 28.6 42.8
54 54.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:164 Resp: 216837
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 46.1 36.6 54.8

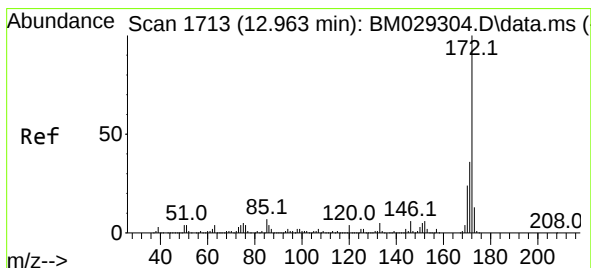
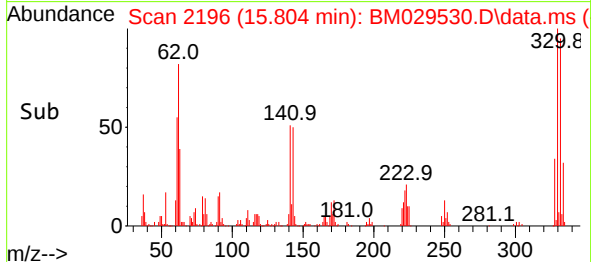
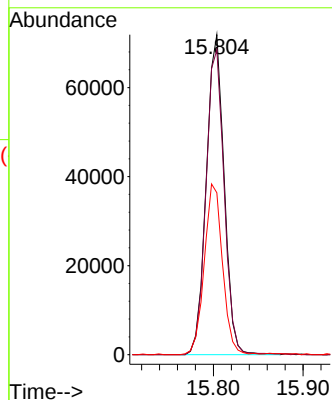
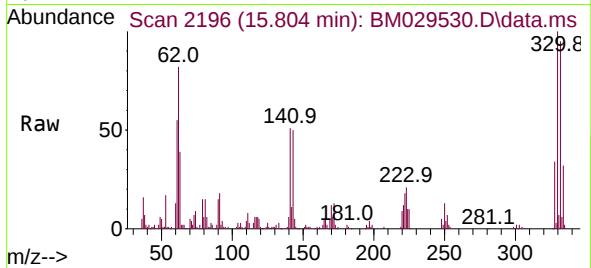




#42
 2,4,6-Tribromophenol
 Concen: 45.90 ng
 RT: 15.804 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BM029530.D
 Acq: 16 Apr 2021 20:11

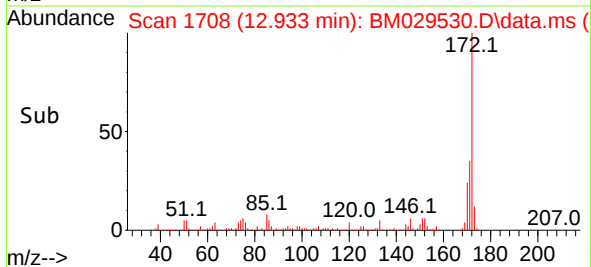
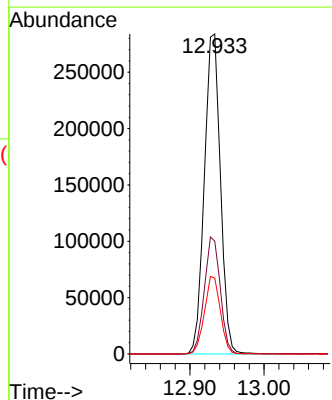
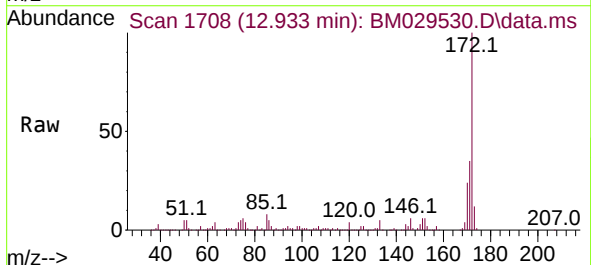
Instrument :
 BNA_M
 ClientSampled :
 TP-1

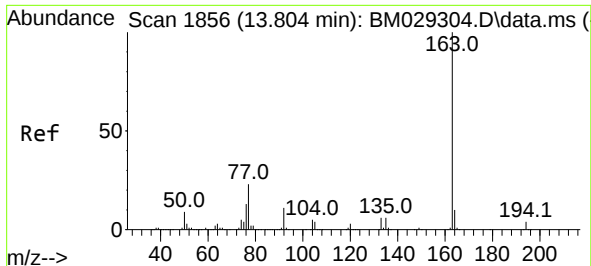
Tgt Ion:330 Resp: 99475
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 54.4 39.2 58.8



#45
 2-Fluorobiphenyl
 Concen: 27.52 ng
 RT: 12.933 min Scan# 1708
 Delta R.T. 0.000 min
 Lab File: BM029530.D
 Acq: 16 Apr 2021 20:11

Tgt Ion:172 Resp: 428324
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 23.7 18.8 28.2

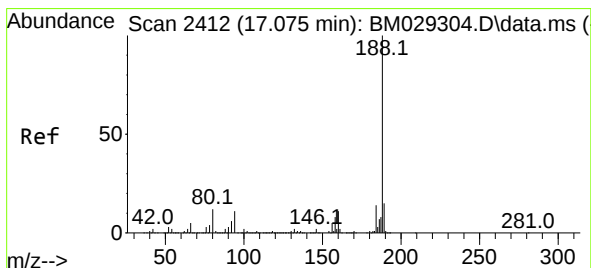
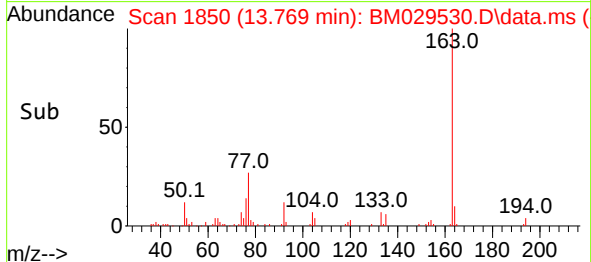
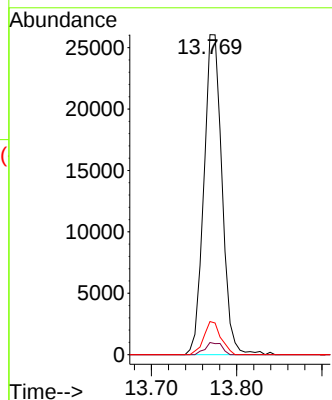
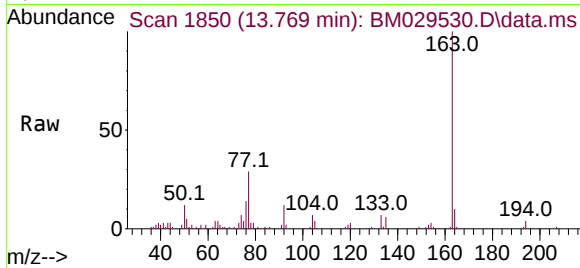




#50
Dimethylphthalate
Concen: 2.46 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

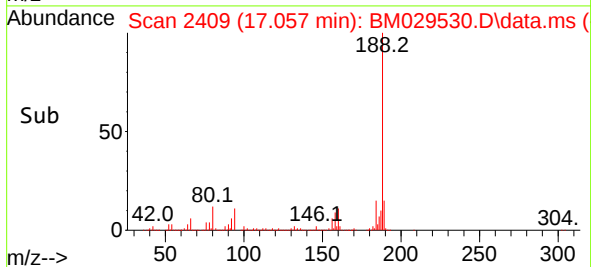
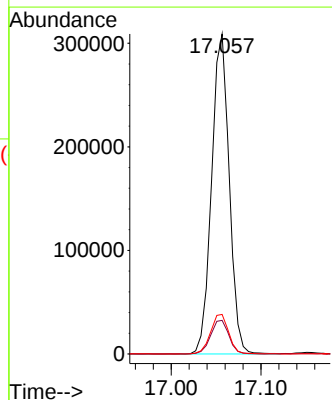
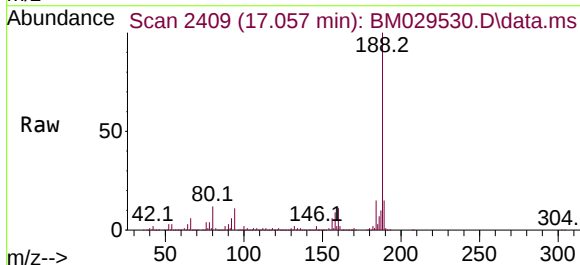
Instrument :
BNA_M
ClientSampled :
TP-1

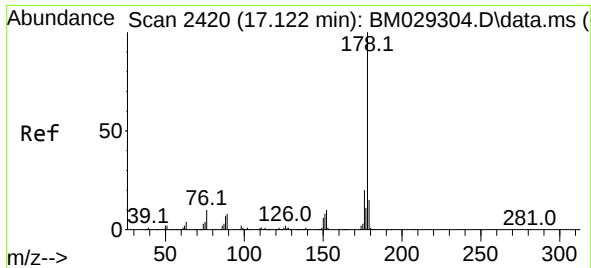
Tgt Ion:163 Resp: 38504
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.4 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:188 Resp: 421127
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.3 9.2 13.8

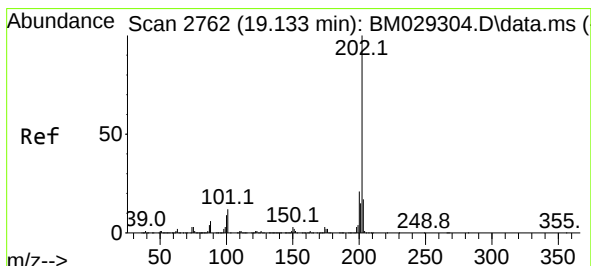
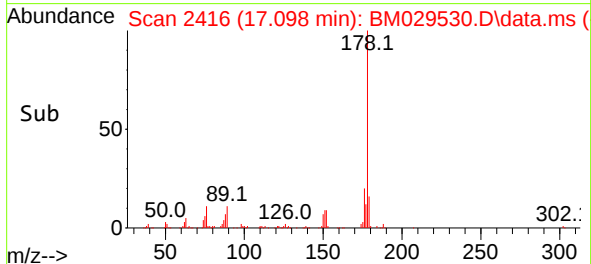
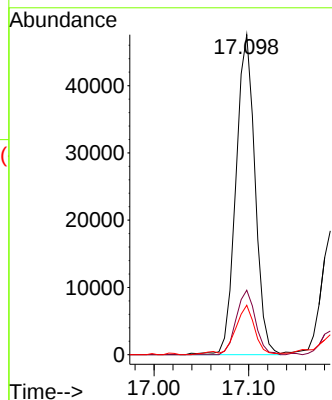
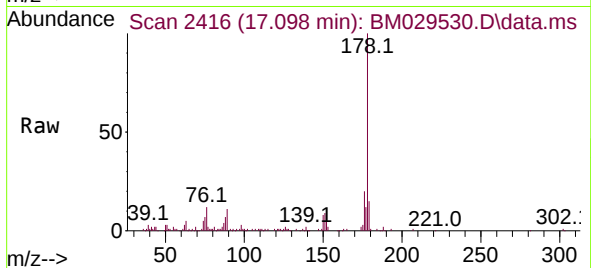




#71
Phenanthrene
Concen: 2.73 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

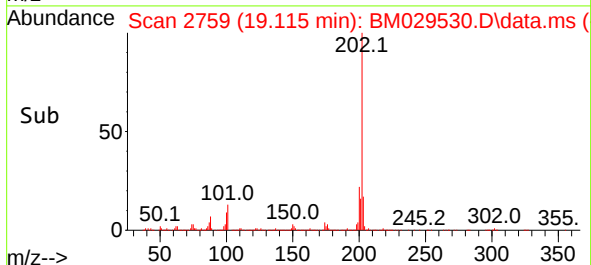
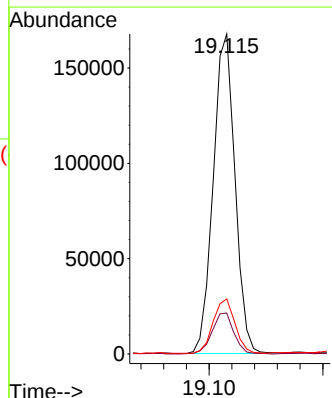
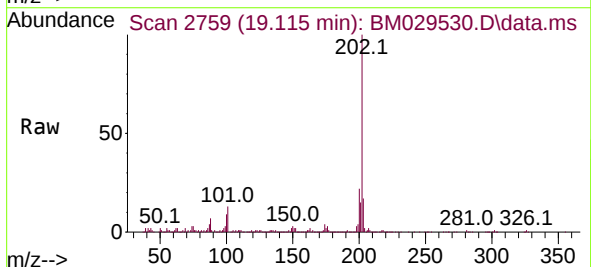
Instrument :
BNA_M
ClientSampled :
TP-1

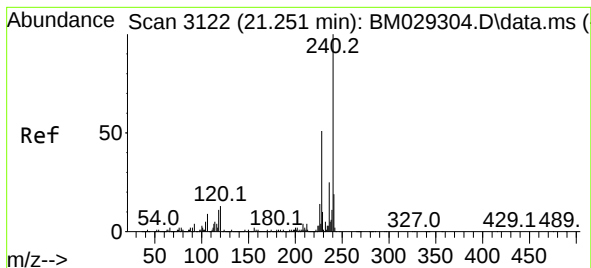
Tgt Ion:178 Resp: 66570
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.5 11.9 17.9



#75
Fluoranthene
Concen: 8.22 ng
RT: 19.115 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:202 Resp: 222922
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.5
203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.233 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM029530.D

Acq: 16 Apr 2021 20:11

Tgt Ion:240 Resp: 402298

Ion Ratio Lower Upper

240 100

120 13.5 9.0 13.6

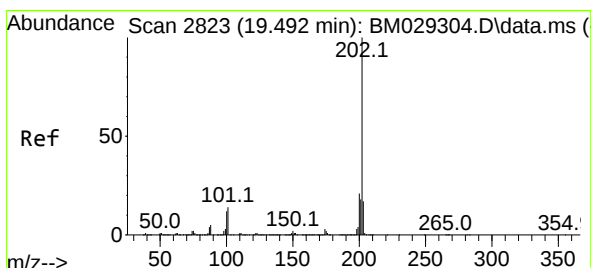
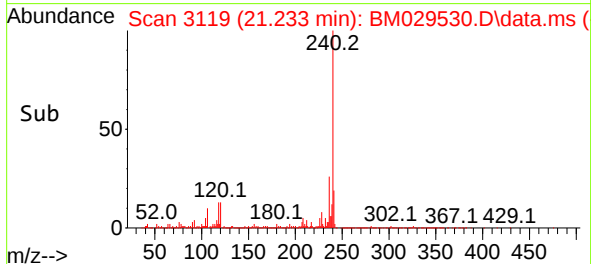
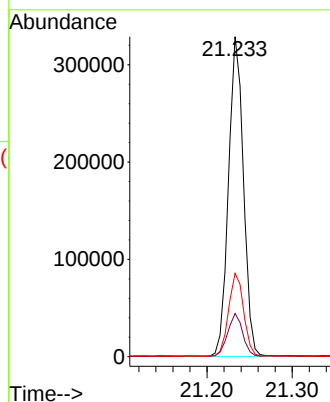
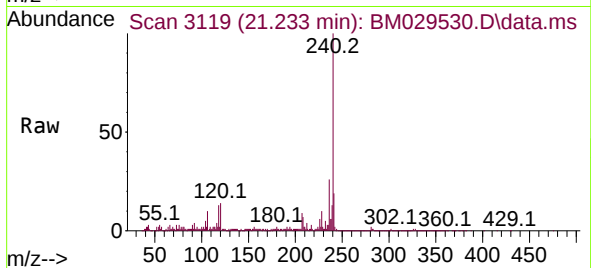
236 26.1 20.3 30.5

Instrument :

BNA_M

ClientSampled :

TP-1



#78

Pyrene

Concen: 7.91 ng

RT: 19.474 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BM029530.D

Acq: 16 Apr 2021 20:11

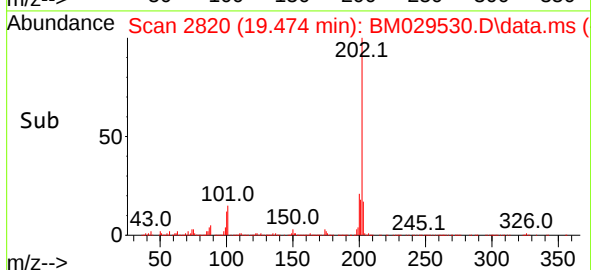
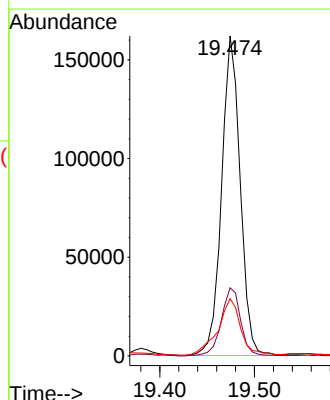
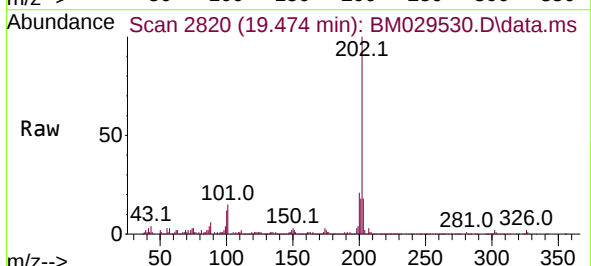
Tgt Ion:202 Resp: 221197

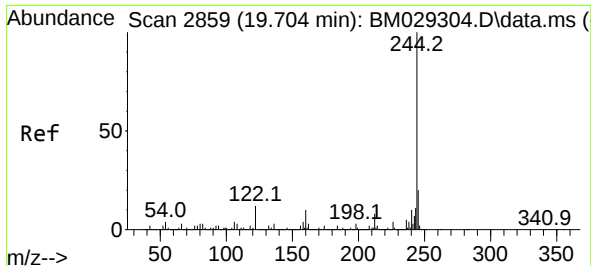
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 14.1 21.1

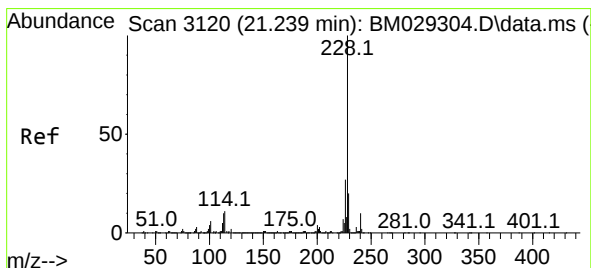
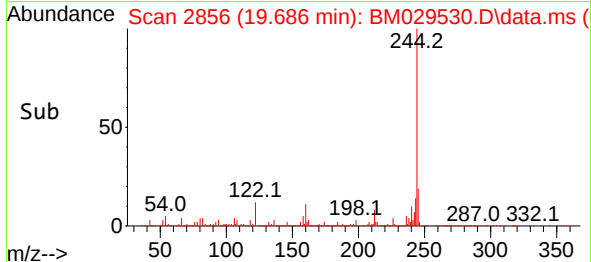
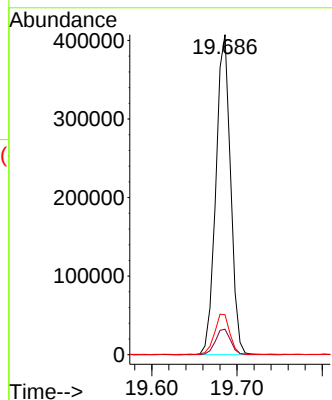
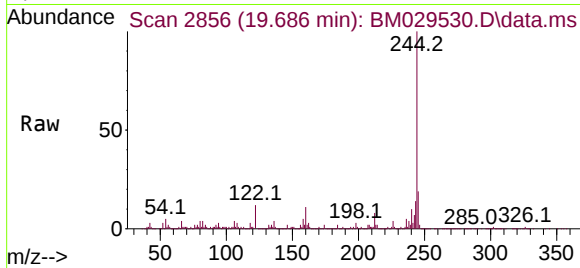




#79
 Terphenyl-d14
 Concen: 22.99 ng
 RT: 19.686 min Scan# 2856
 Delta R.T. 0.000 min
 Lab File: BM029530.D
 Acq: 16 Apr 2021 20:11

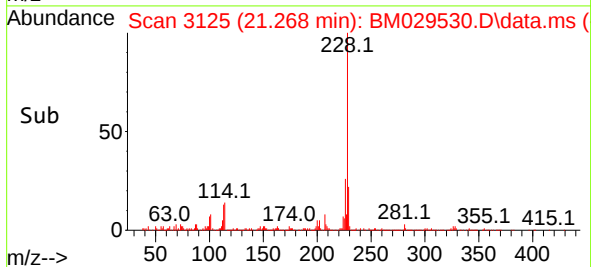
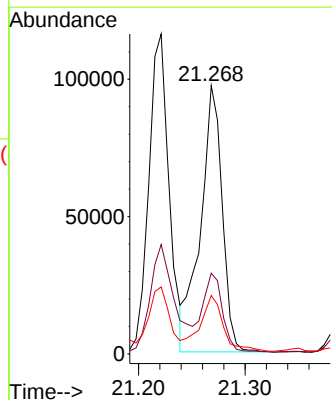
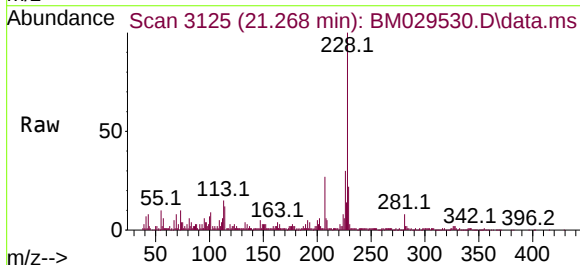
Instrument :
 BNA_M
 ClientSampled :
 TP-1

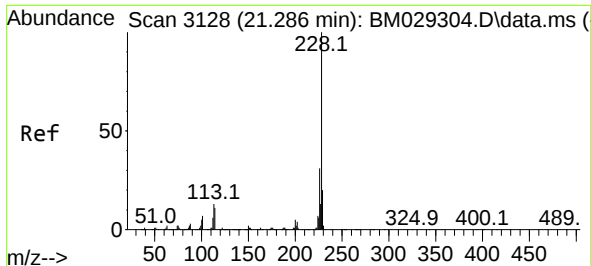
Tgt Ion:244 Resp: 486928
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 12.5 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 5.13 ng
 RT: 21.268 min Scan# 3125
 Delta R.T. 0.047 min
 Lab File: BM029530.D
 Acq: 16 Apr 2021 20:11

Tgt Ion:228 Resp: 137825
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.9 32.9
 229 21.8 15.7 23.5

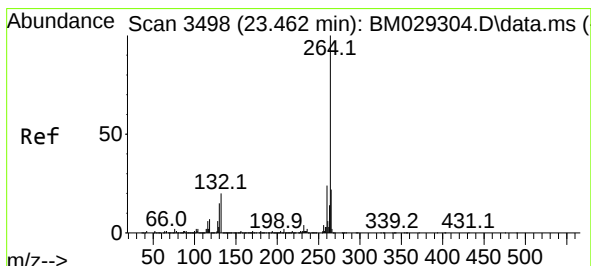
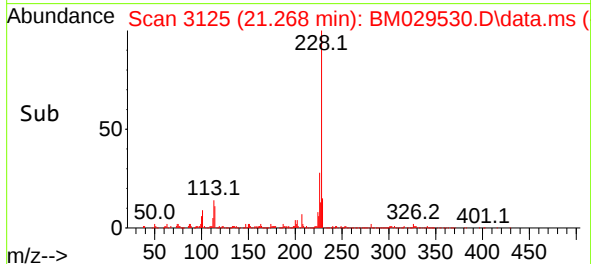
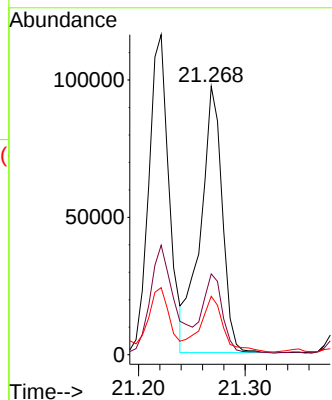
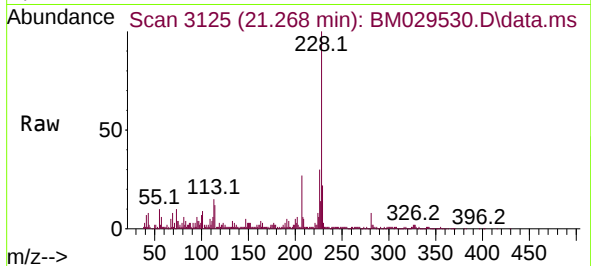




#83
Chrysene
Concen: 5.24 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

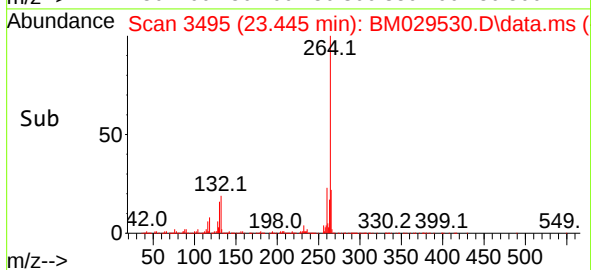
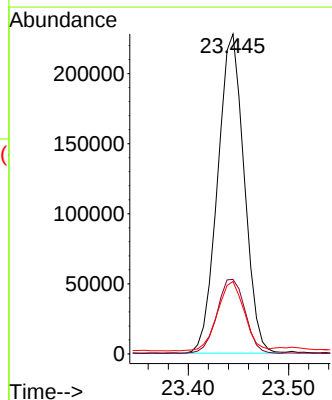
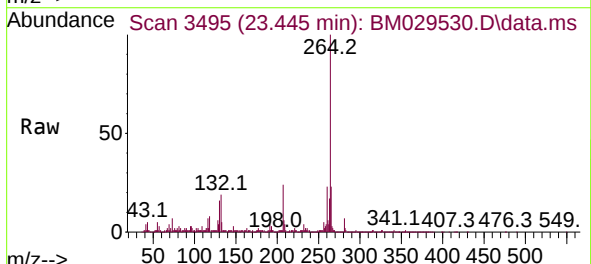
Instrument :
BNA_M
ClientSampled :
TP-1

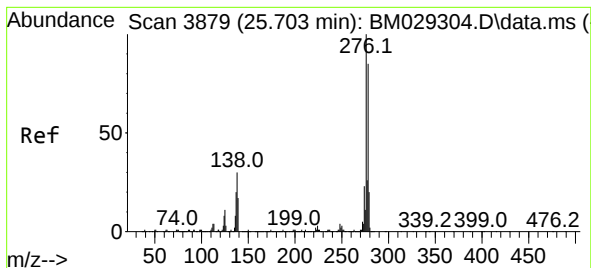
Tgt Ion:228 Resp: 137825
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.8 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.445 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:264 Resp: 417804
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 22.7 17.8 26.8

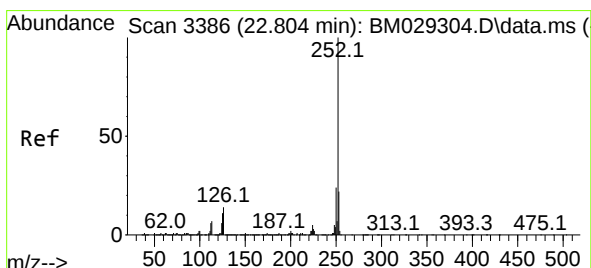
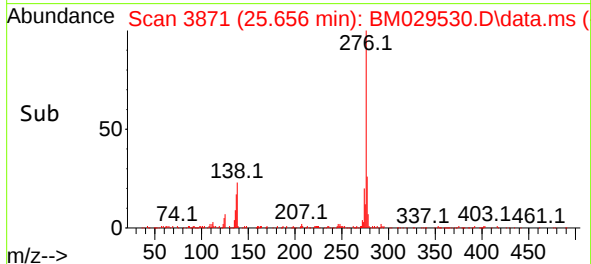
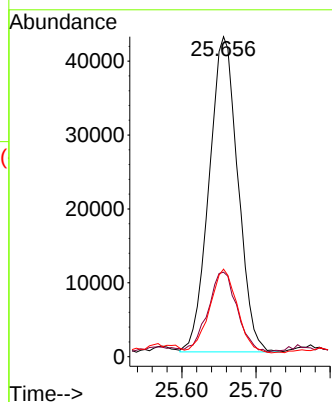
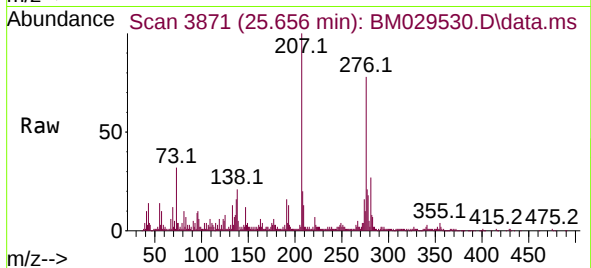




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng
RT: 25.656 min Scan# 3871
Delta R.T. -0.012 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

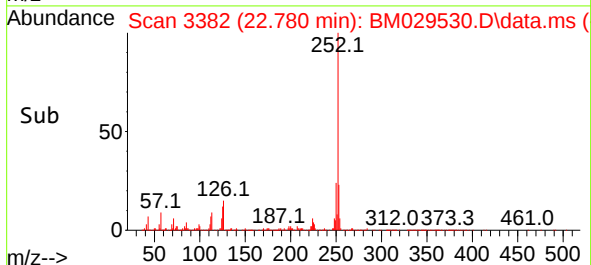
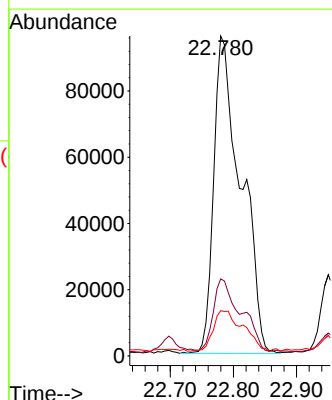
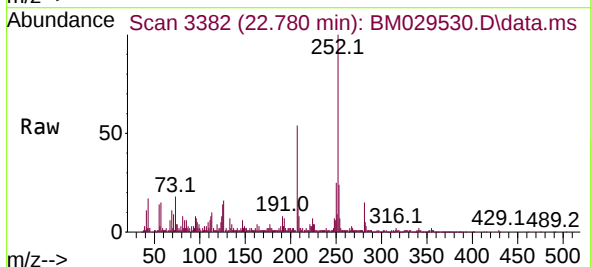
Instrument :
BNA_M
ClientSampled :
TP-1

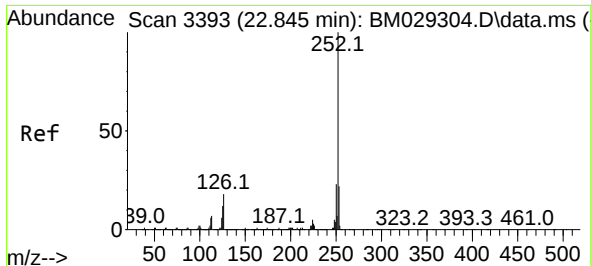
Tgt Ion:276 Resp: 114980
Ion Ratio Lower Upper
276 100
138 25.6 22.6 34.0
277 25.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 10.48 ng
RT: 22.780 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:252 Resp: 287409
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 14.1 9.0 13.4#

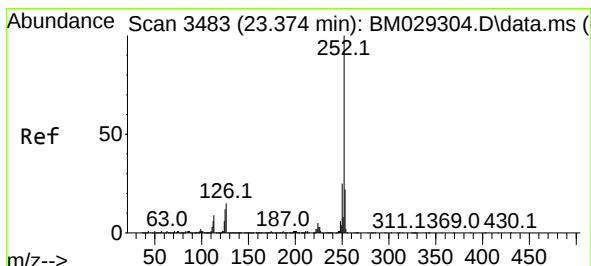
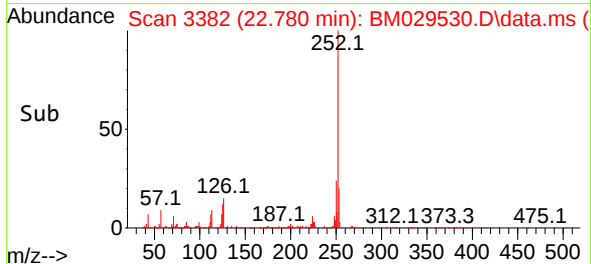
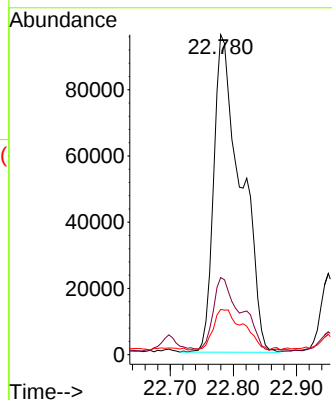
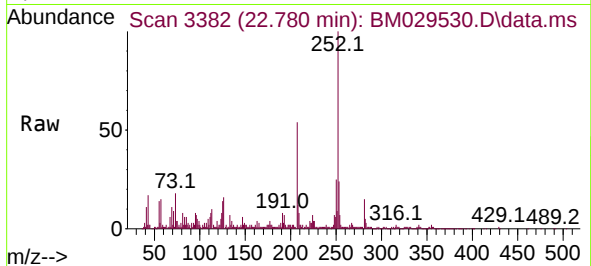




#89
Benzo(k)fluoranthene
Concen: 10.95 ng
RT: 22.780 min Scan# 3382
Delta R.T. -0.047 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

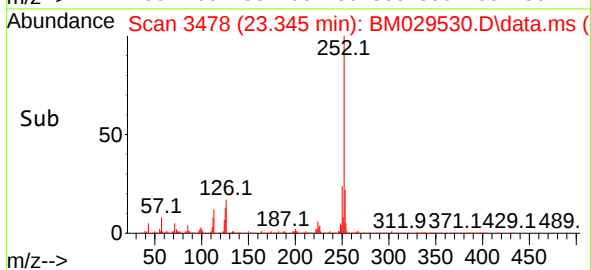
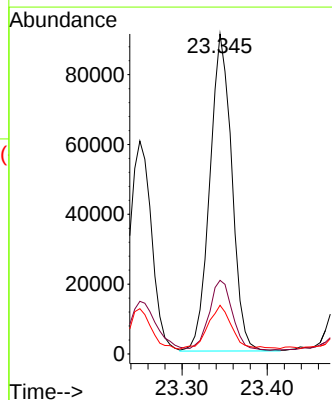
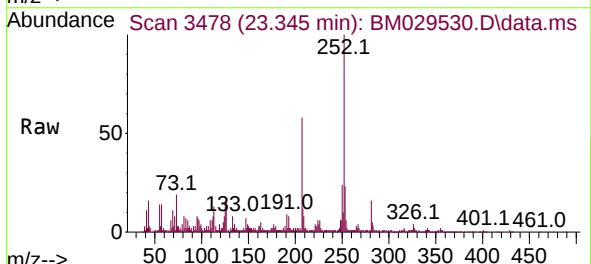
Instrument :
BNA_M
ClientSampleId :
TP-1

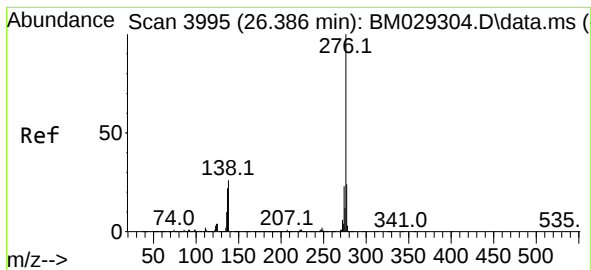
Tgt Ion:252 Resp: 287409
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 14.1 8.7 13.1#



#90
Benzo(a)pyrene
Concen: 6.48 ng
RT: 23.345 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BM029530.D
Acq: 16 Apr 2021 20:11

Tgt Ion:252 Resp: 162489
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.4
125 15.2 9.5 14.3#





#92
 Benzo(g,h,i)perylene
 Concen: 4.46 ng
 RT: 26.338 min Scan# 3987
 Delta R.T. -0.006 min
 Lab File: BM029530.D
 Acq: 16 Apr 2021 20:11

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tgt Ion:	276	Resp:	113648
Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.7	28.1
138	26.8	19.0	28.4

