

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029619.D
 Acq On : 23 Apr 2021 18:55
 Operator : CG/JU
 Sample : M2128-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Quant Time: Apr 26 02:10:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

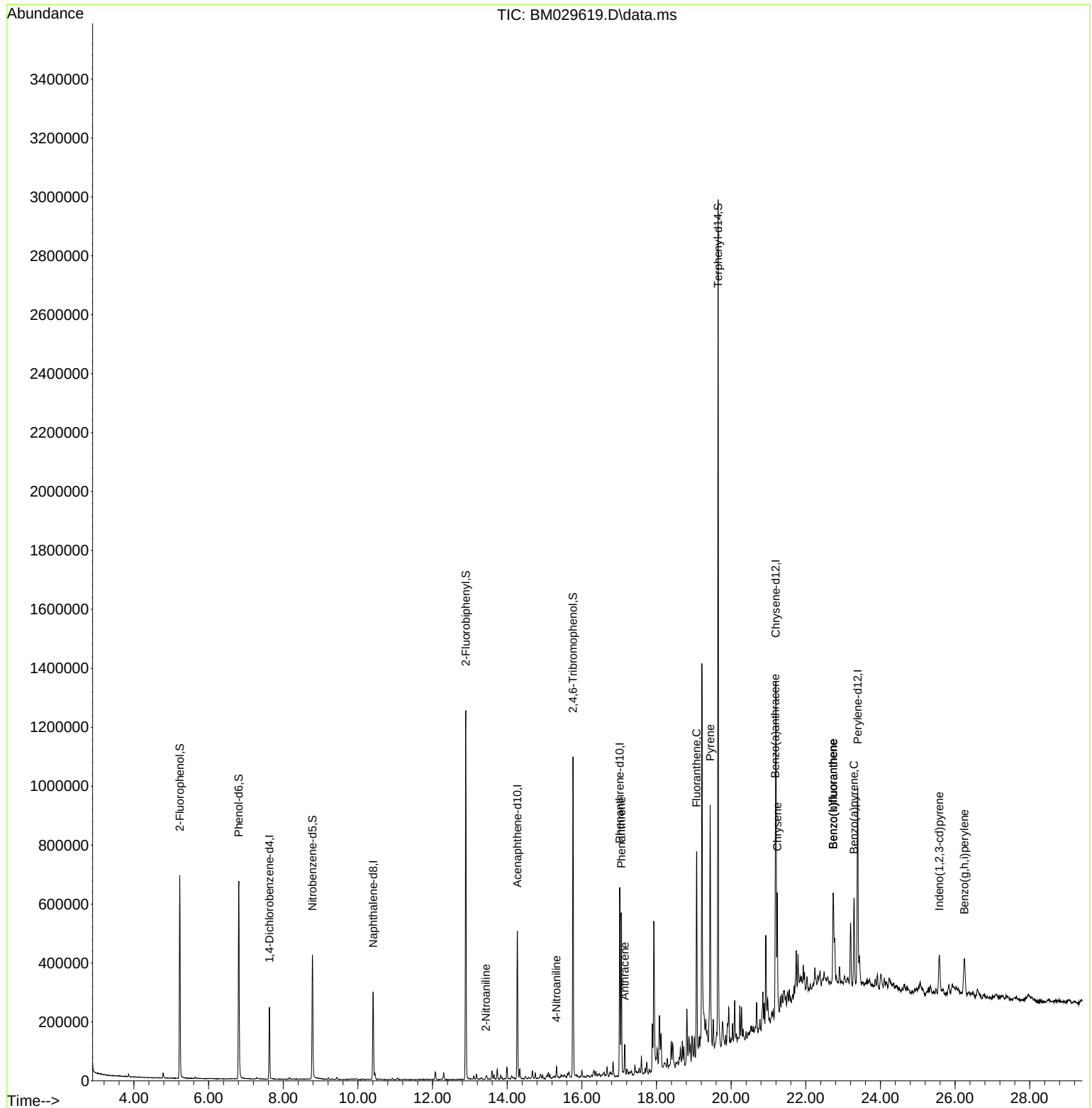
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	67341	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	242522	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	167613	20.00	ng	0.00
64) Phenanthrene-d10	17.015	188	382332	20.00	ng	0.00
76) Chrysene-d12	21.198	240	435199	20.00	ng	0.00
86) Perylene-d12	23.391	264	448859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	266545	79.35	ng	0.00
7) Phenol-d6	6.810	99	358014	71.36	ng	0.00
23) Nitrobenzene-d5	8.781	82	250253	53.15	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	184206	79.47	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	645953	52.31	ng	0.00
79) Terphenyl-d14	19.651	244	1231047	53.63	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.433	65	63	2.88	ng	# 4
62) 4-Nitroaniline	15.321	138	135	3.50	ng	# 10
71) Phenanthrene	17.057	178	332791	15.12	ng	98
72) Anthracene	17.151	178	61847	2.85	ng	98
75) Fluoranthene	19.074	202	408002	15.28	ng	99
78) Pyrene	19.439	202	491142	17.54	ng	98
81) Benzo(a)anthracene	21.186	228	237520	8.25	ng	92
83) Chrysene	21.239	228	230453	8.15	ng	98
87) Indeno(1,2,3-cd)pyrene	25.580	276	128809	3.71	ng	97
88) Benzo(b)fluoranthene	22.733	252	331661	11.33	ng	99
89) Benzo(k)fluoranthene	22.733	252	331661	11.31	ng	98
90) Benzo(a)pyrene	23.291	252	201241	7.32	ng	99
92) Benzo(g,h,i)perylene	26.250	276	150371	5.43	ng	97

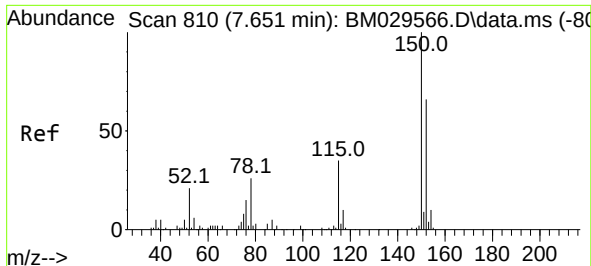
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029619.D
Acq On : 23 Apr 2021 18:55
Operator : CG/JU
Sample : M2128-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Time: Apr 26 02:10:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

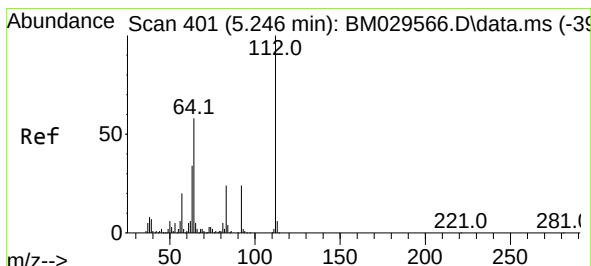
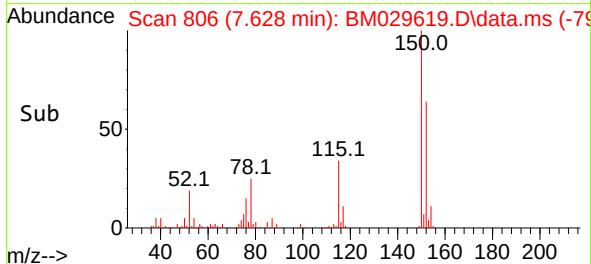
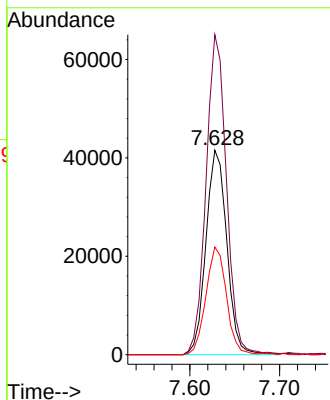
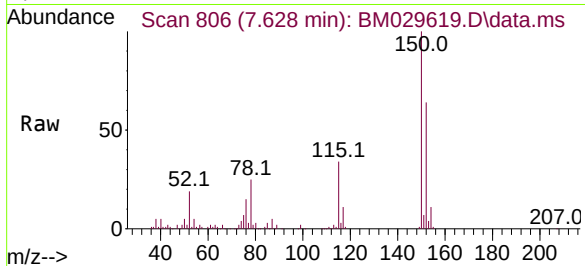




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

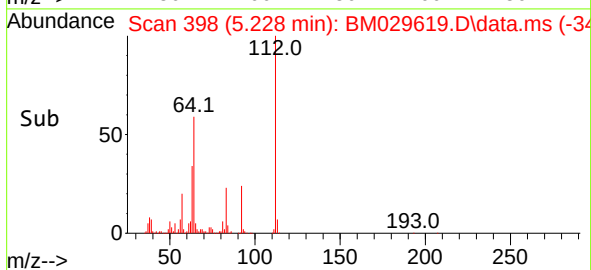
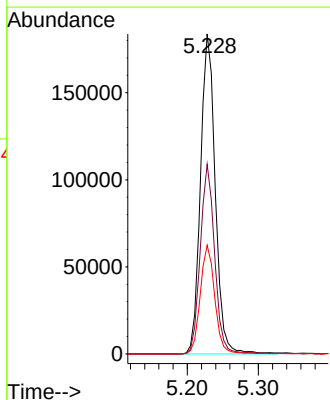
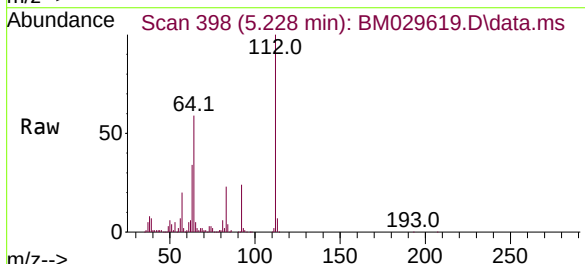
Instrument :
BNA_M
ClientSampleId :
COMP-2

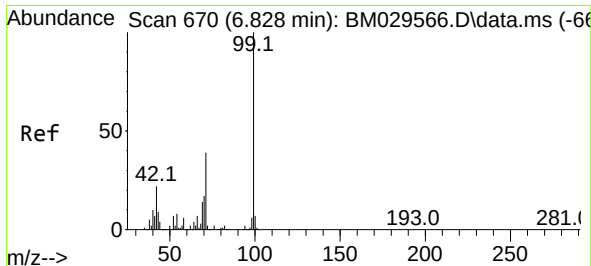
Tgt Ion:152 Resp: 67341
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 52.6 44.6 67.0



#5
2-Fluorophenol
Concen: 79.35 ng
RT: 5.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:112 Resp: 266545
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 34.0 27.3 40.9

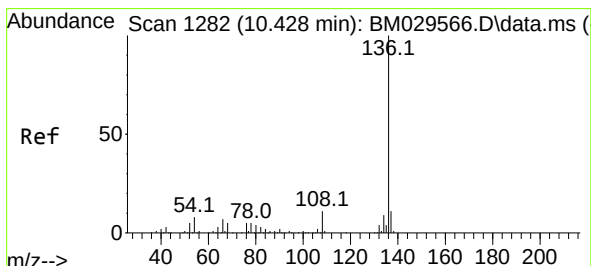
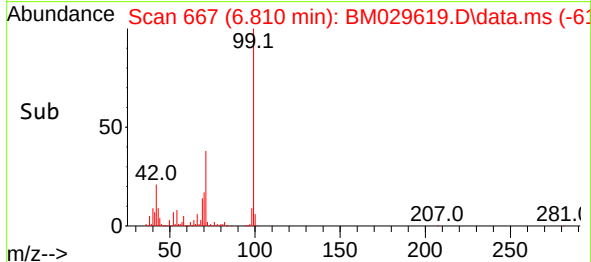
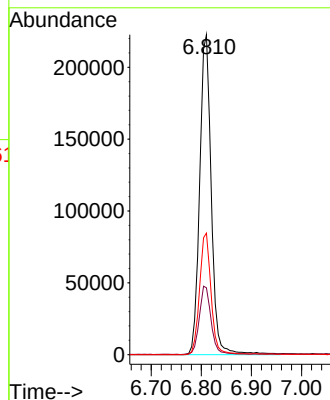
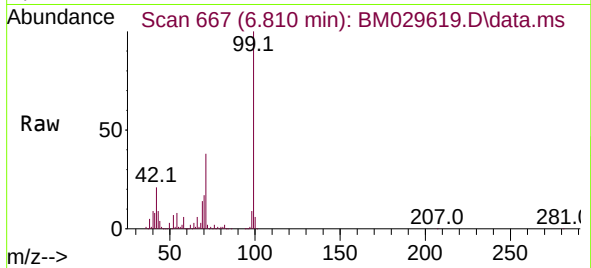




#7
Phenol-d6
Concen: 71.36 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

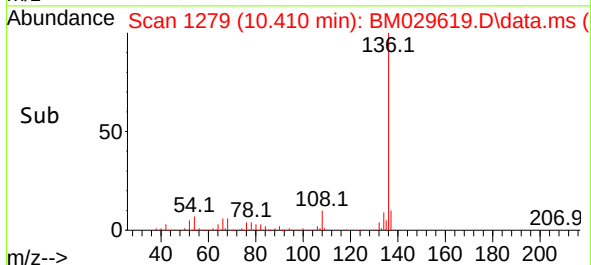
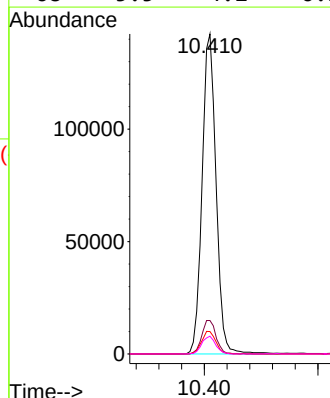
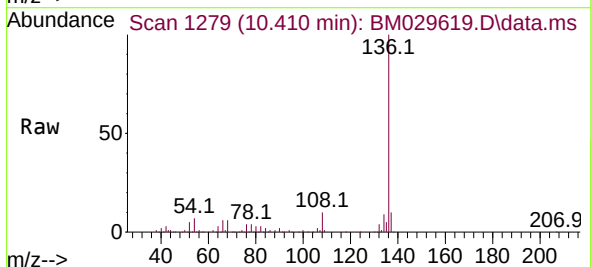
Instrument :
BNA_M
ClientSampleId :
COMP-2

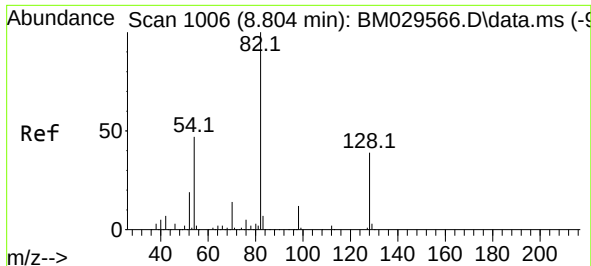
Tgt Ion: 99 Resp: 358014
Ion Ratio Lower Upper
99 100
42 20.9 18.0 27.0
71 38.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion: 136 Resp: 242522
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.0 5.5 8.3
68 5.5 4.2 6.2

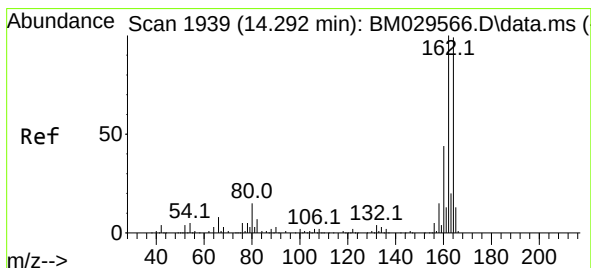
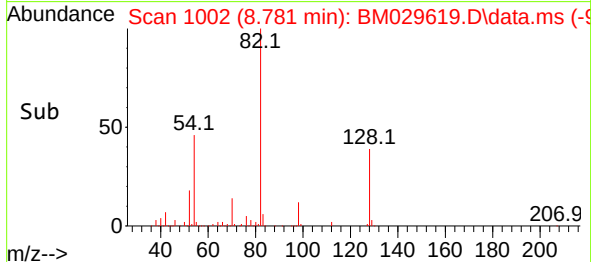
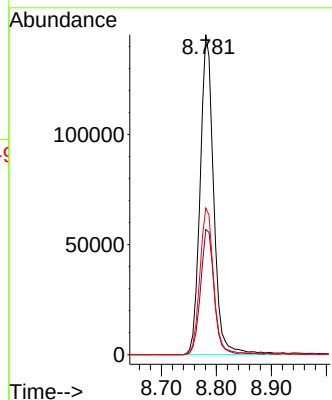
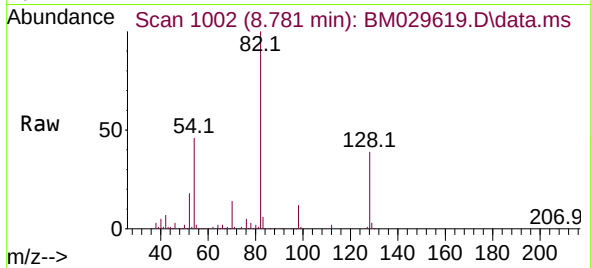




#23
Nitrobenzene-d5
Concen: 53.15 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

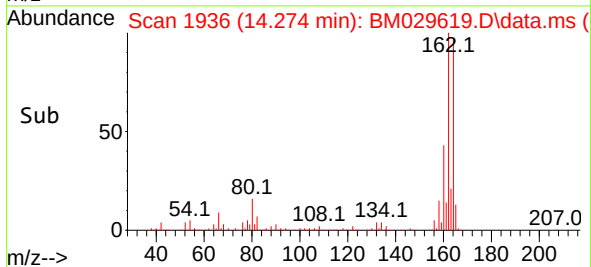
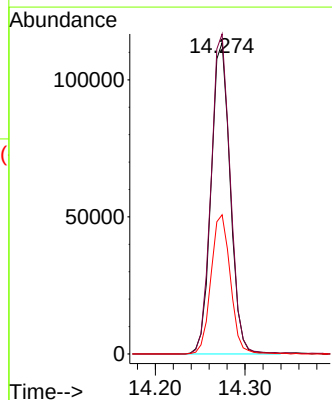
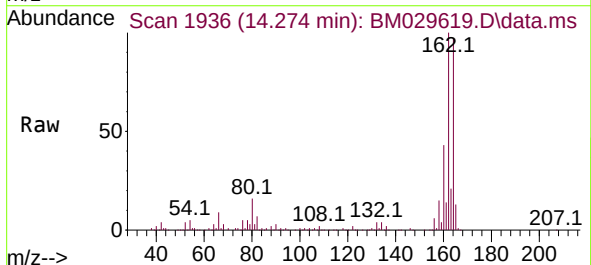
Instrument :
BNA_M
ClientSampleId :
COMP-2

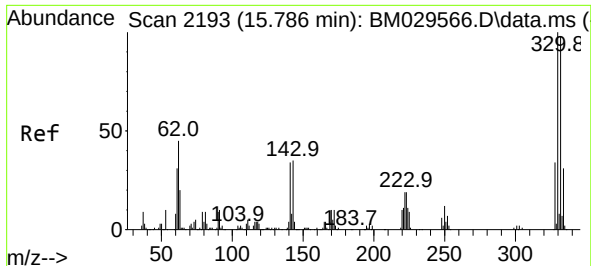
Tgt Ion: 82 Resp: 250253
Ion Ratio Lower Upper
82 100
128 39.1 31.1 46.7
54 45.8 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:164 Resp: 167613
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.0
160 44.7 37.2 55.8

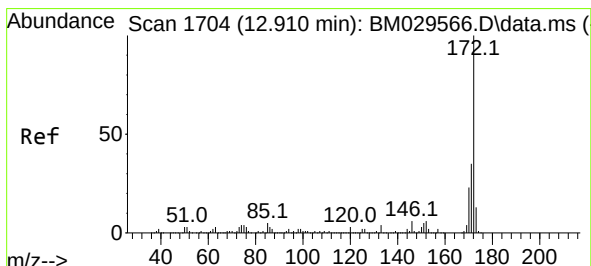
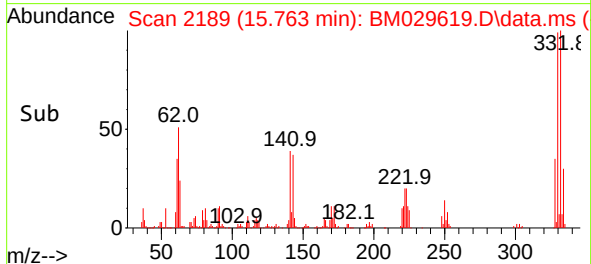
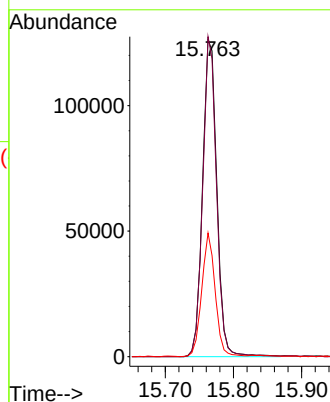
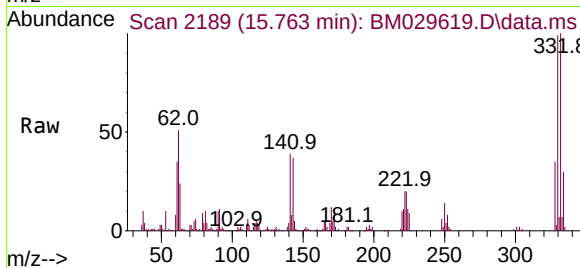




#42
2,4,6-Tribromophenol
Concen: 79.47 ng
RT: 15.763 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

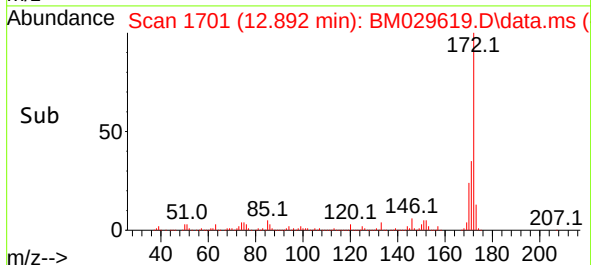
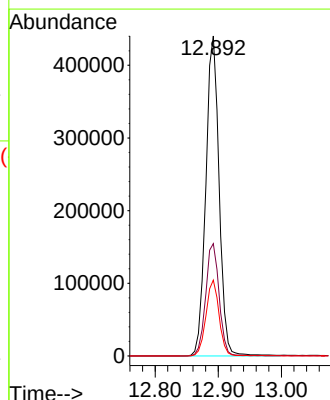
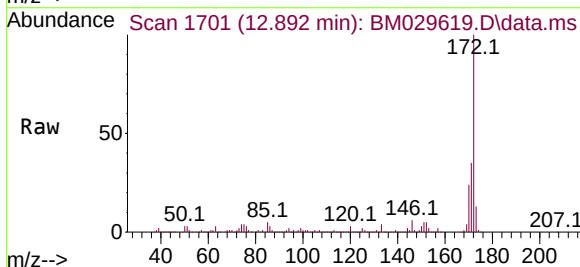
Instrument :
BNA_M
ClientSampleId :
COMP-2

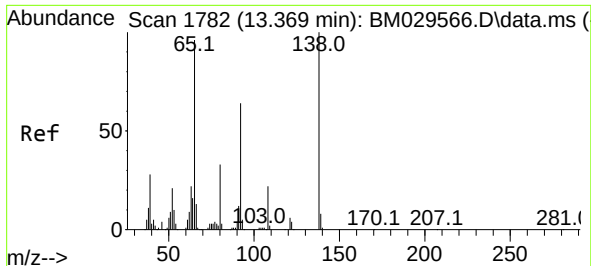
Tgt Ion:330 Resp: 184206
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 36.9 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 52.31 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:172 Resp: 645953
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 18.4 27.6

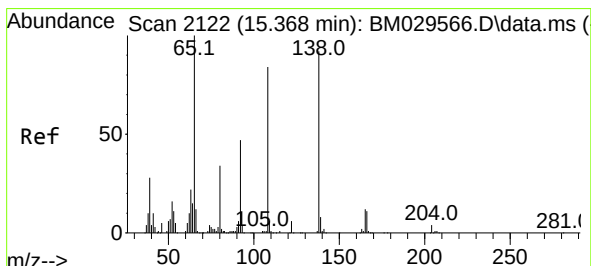
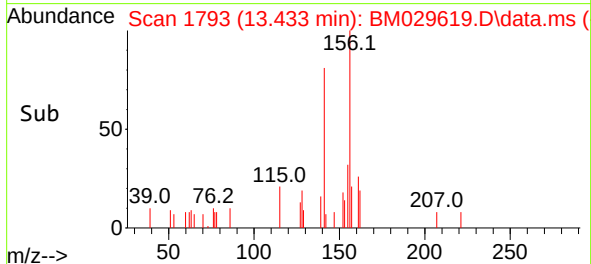
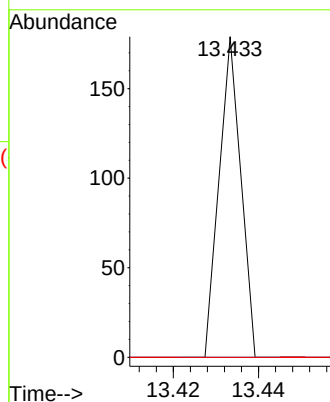
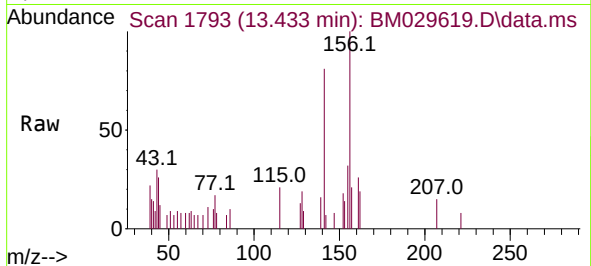




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.433 min Scan# 1793
Delta R.T. 0.076 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

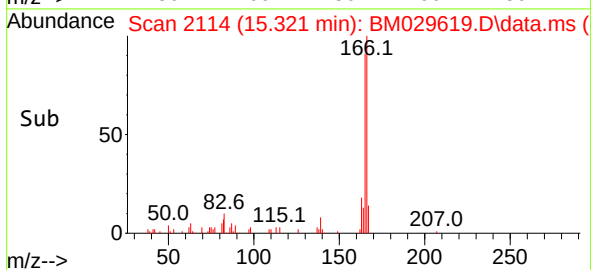
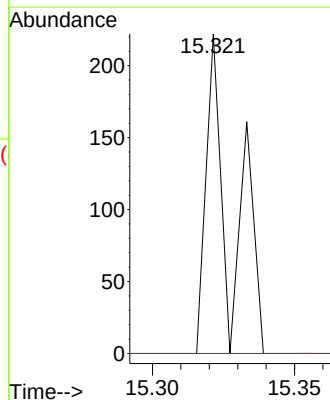
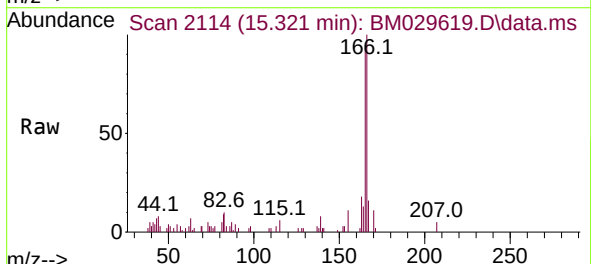
Instrument :
BNA_M
ClientSampleId :
COMP-2

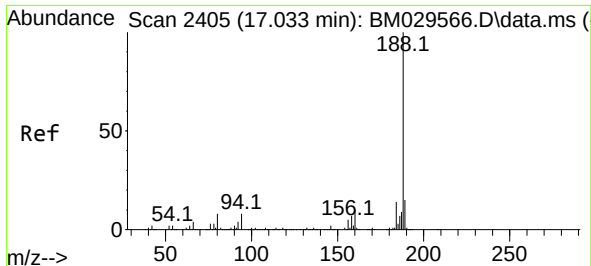
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#62
4-Nitroaniline
Concen: 3.50 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:138 Resp: 135
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

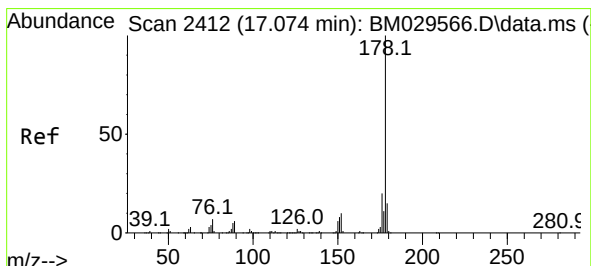
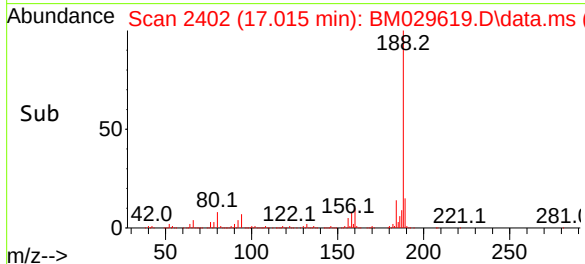
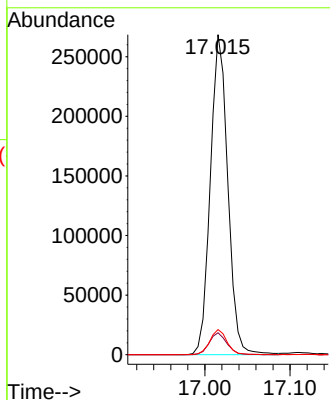
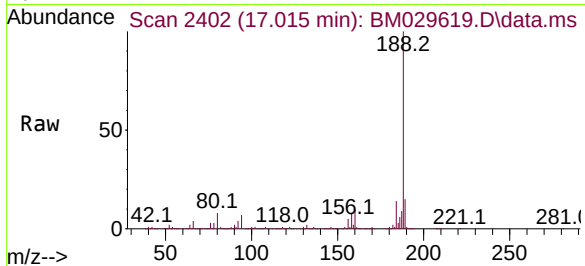




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

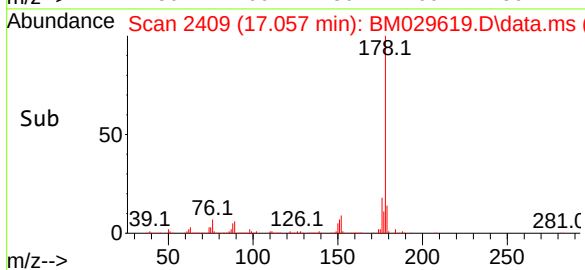
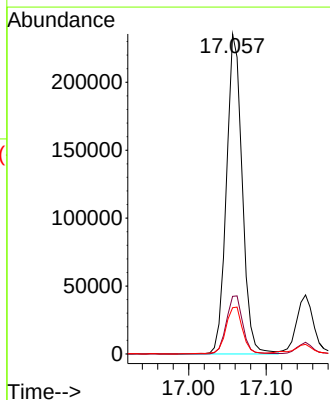
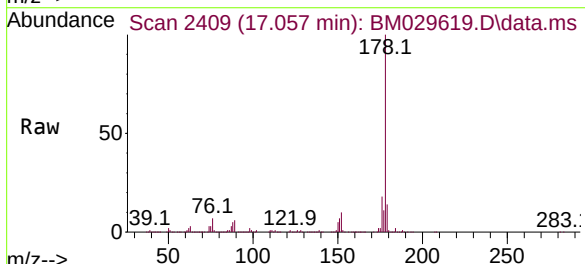
Instrument :
BNA_M
ClientSampleId :
COMP-2

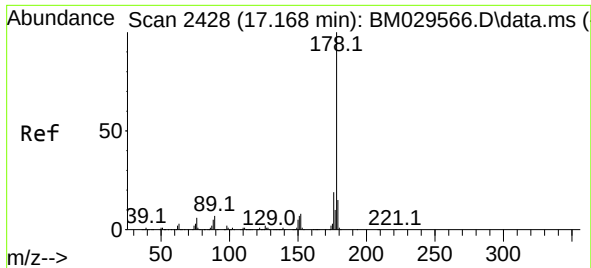
Tgt Ion:188 Resp: 382332
Ion Ratio Lower Upper
188 100
94 6.9 6.0 9.0
80 7.9 6.6 9.8



#71
Phenanthrene
Concen: 15.12 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:178 Resp: 332791
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 14.5 12.2 18.4

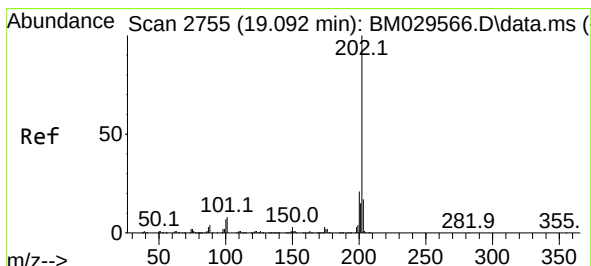
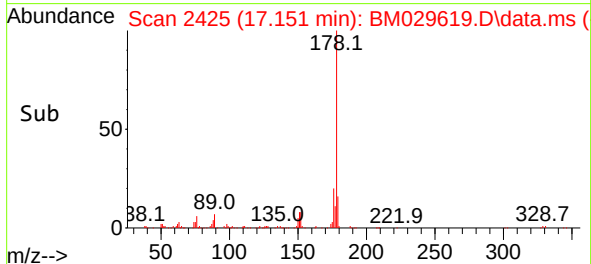
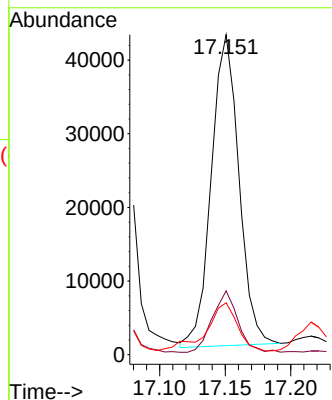
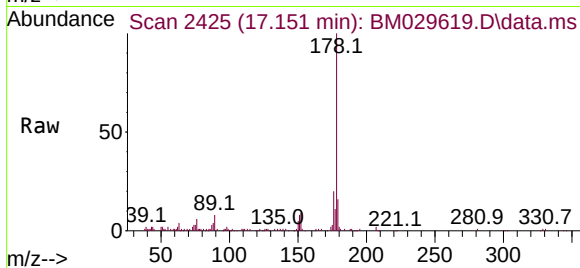




#72
 Anthracene
 Concen: 2.85 ng
 RT: 17.151 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BM029619.D
 Acq: 23 Apr 2021 18:55

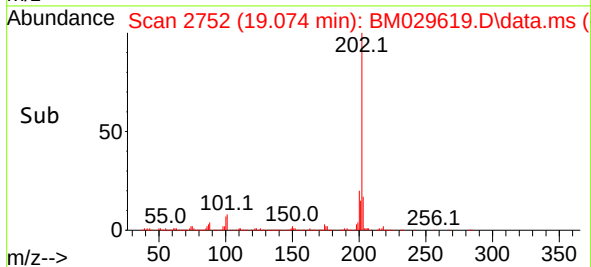
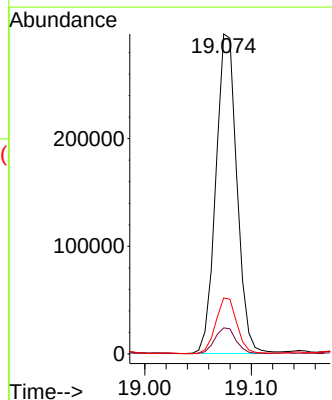
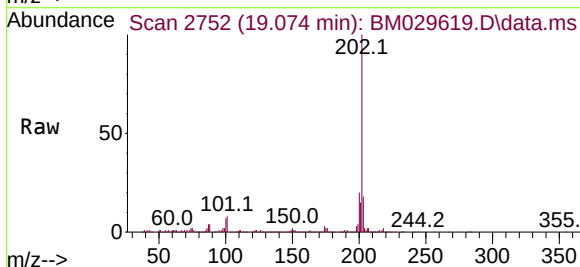
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

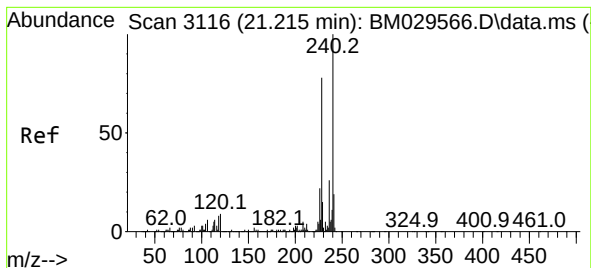
Tgt Ion:178 Resp: 61847
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.0 22.4
 179 16.2 12.5 18.7



#75
 Fluoranthene
 Concen: 15.28 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BM029619.D
 Acq: 23 Apr 2021 18:55

Tgt Ion:202 Resp: 408002
 Ion Ratio Lower Upper
 202 100
 101 8.2 0.0 28.6
 203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.198 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:240 Resp: 435199

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

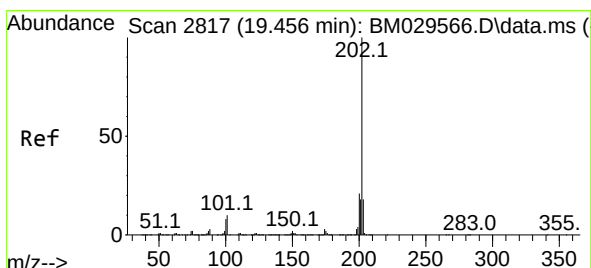
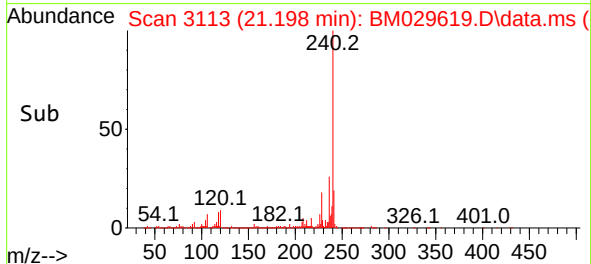
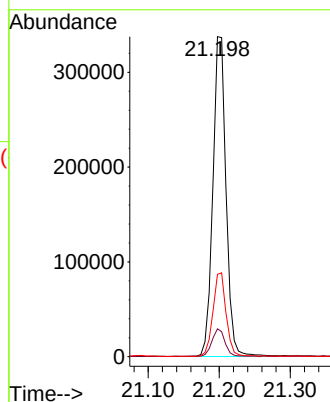
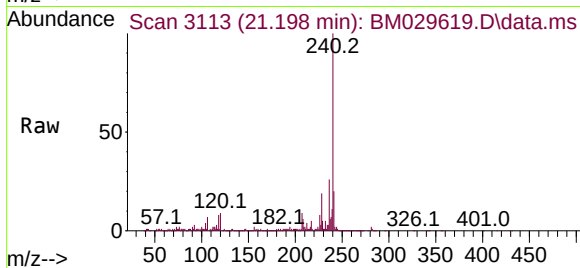
236 25.7 21.0 31.4

Instrument :

BNA_M

ClientSampleId :

COMP-2



#78

Pyrene

Concen: 17.54 ng

RT: 19.439 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

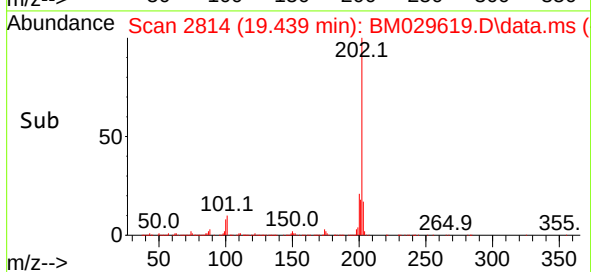
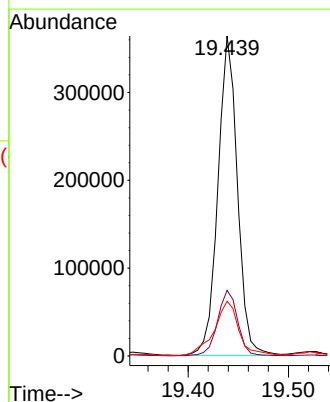
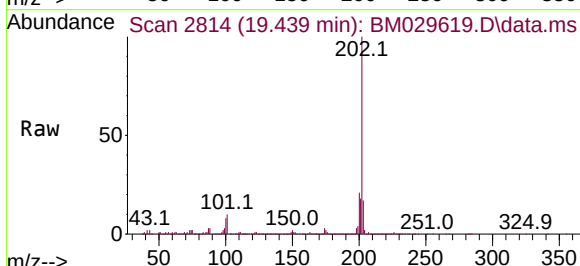
Tgt Ion:202 Resp: 491142

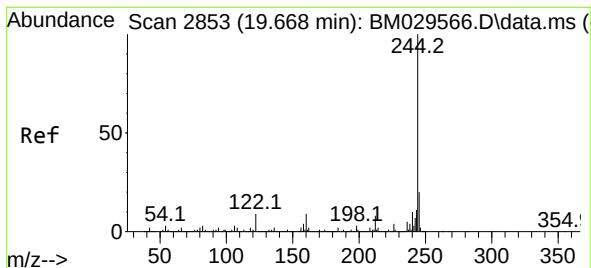
Ion Ratio Lower Upper

202 100

200 20.5 17.3 25.9

203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 53.63 ng

RT: 19.651 min Scan# 2850

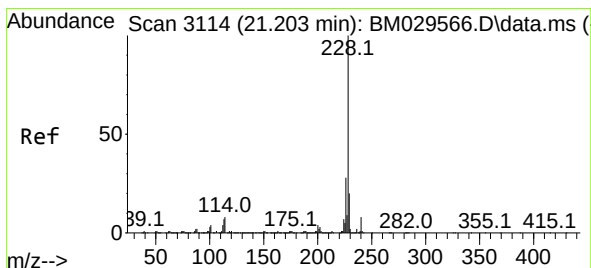
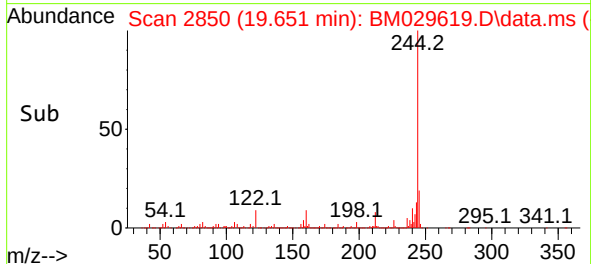
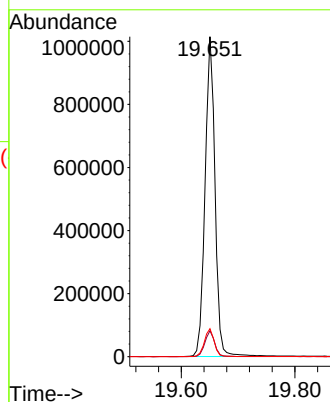
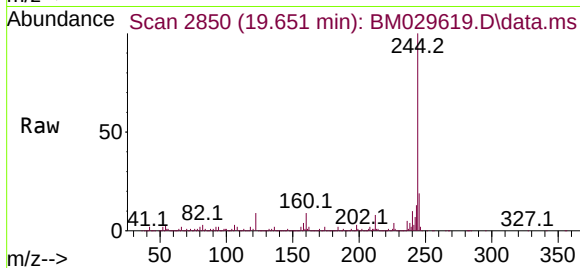
Delta R.T. -0.006 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:244 Resp: 1231047

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	8.8	6.9	10.3



#81

Benzo(a)anthracene

Concen: 8.25 ng

RT: 21.186 min Scan# 3111

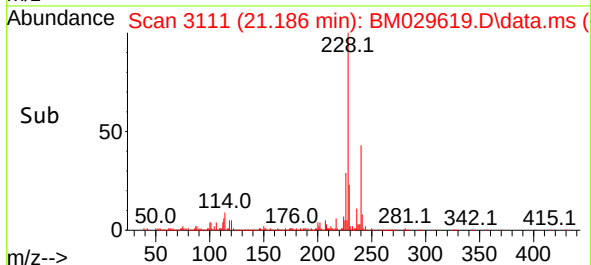
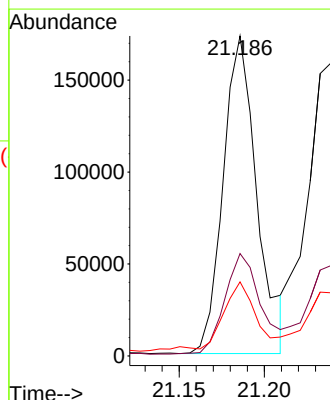
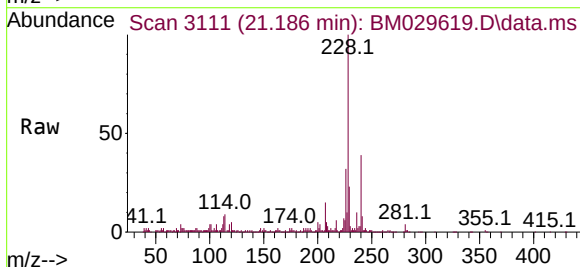
Delta R.T. -0.006 min

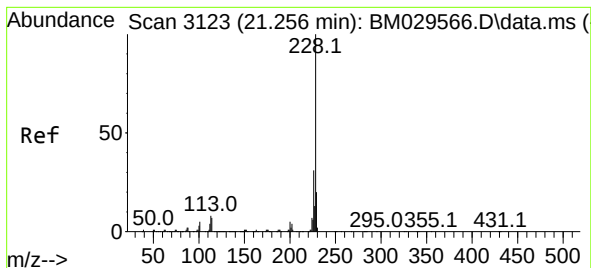
Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:228 Resp: 237520

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.3	33.5
229	23.2	15.7	23.5





#83

Chrysene

Concen: 8.15 ng

RT: 21.239 min Scan# 3120

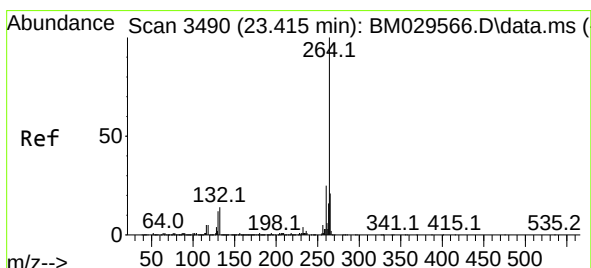
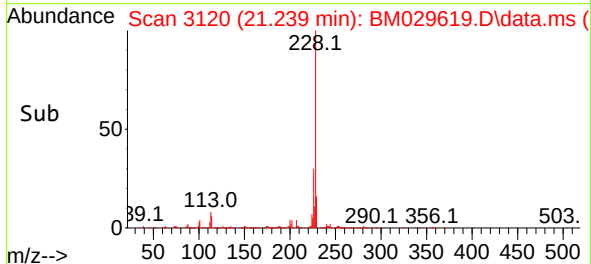
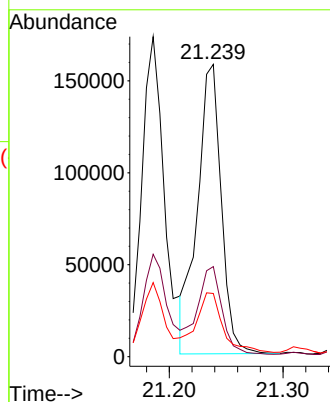
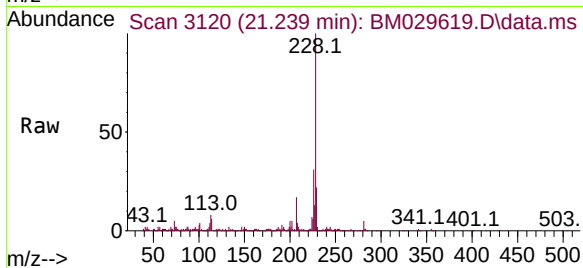
Delta R.T. -0.006 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:228 Resp: 230453

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	21.6	15.5	23.3



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.391 min Scan# 3486

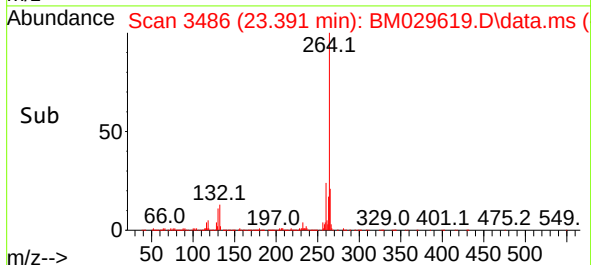
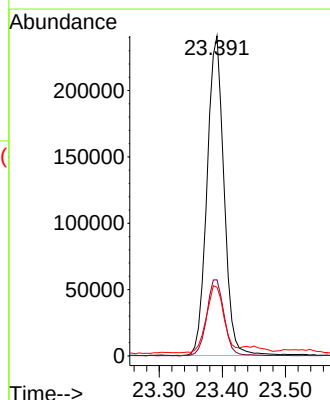
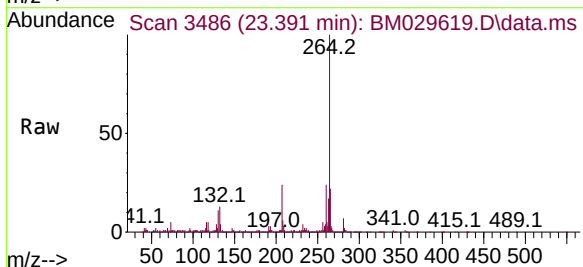
Delta R.T. -0.000 min

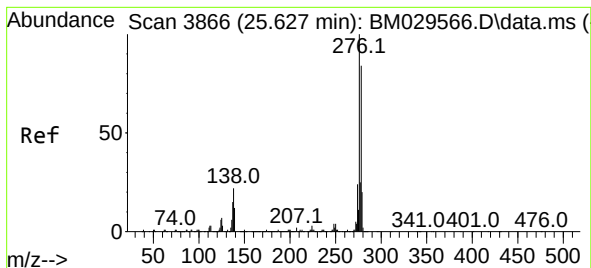
Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:264 Resp: 448859

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.5	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.71 ng

RT: 25.580 min Scan# 3858

Delta R.T. -0.018 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

Tgt Ion:276 Resp: 128809

Ion Ratio Lower Upper

276 100

138 19.3 17.1 25.7

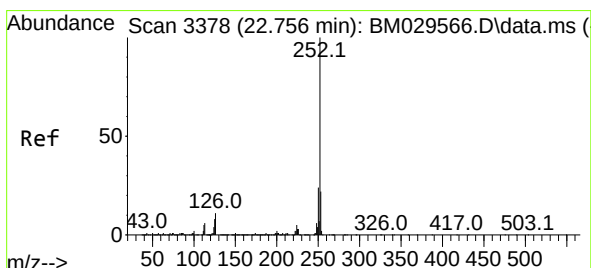
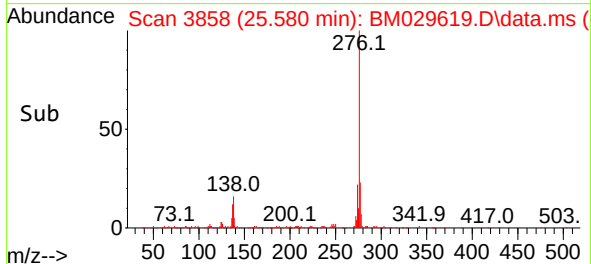
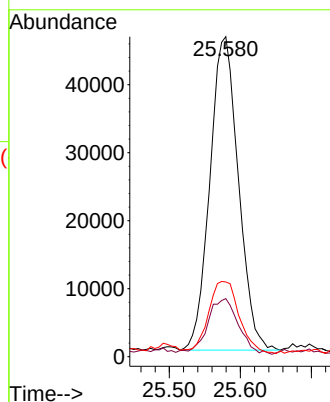
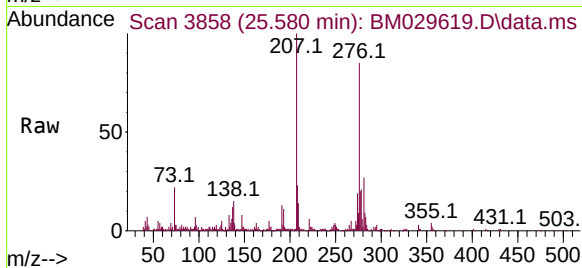
277 25.0 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

COMP-2



#88

Benzo(b)fluoranthene

Concen: 11.33 ng

RT: 22.733 min Scan# 3374

Delta R.T. -0.006 min

Lab File: BM029619.D

Acq: 23 Apr 2021 18:55

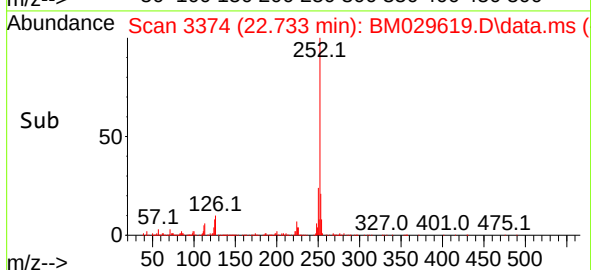
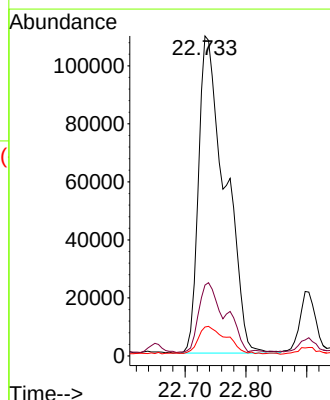
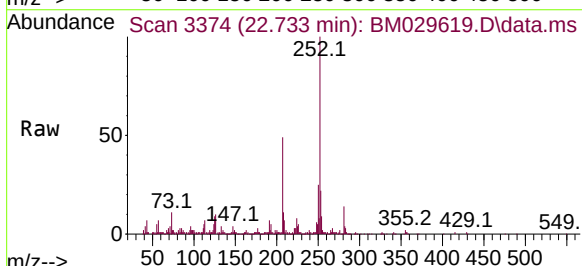
Tgt Ion:252 Resp: 331661

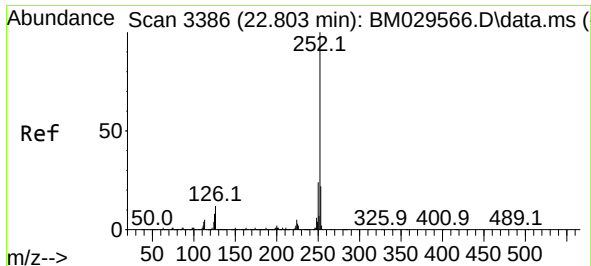
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.1 6.8 10.2

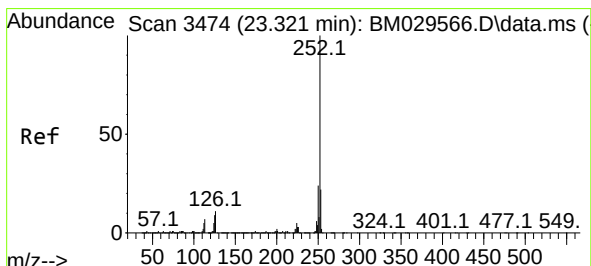
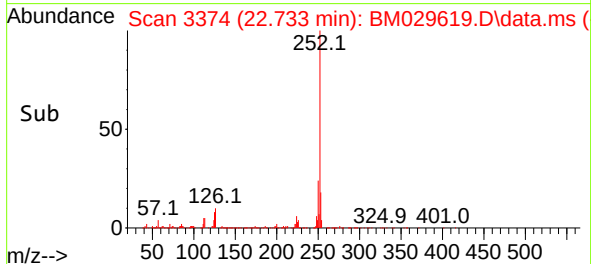
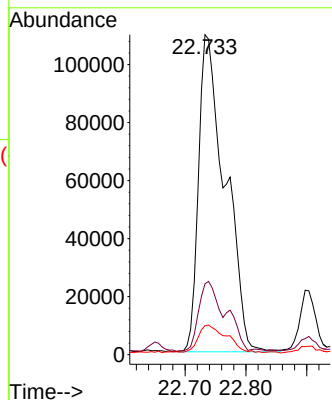
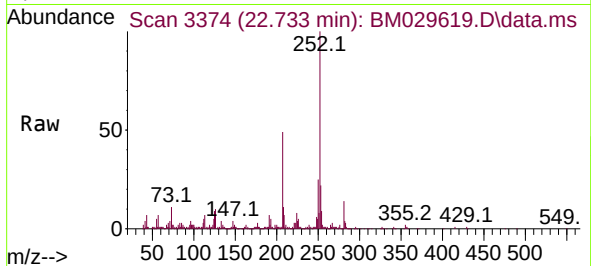




#89
Benzo(k)fluoranthene
Concen: 11.31 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.053 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

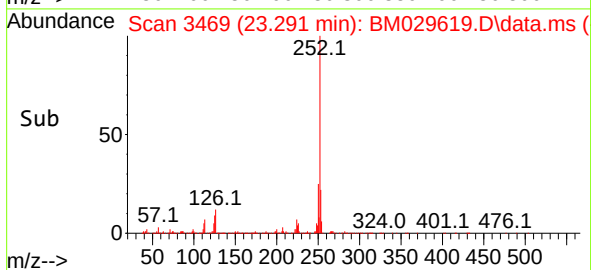
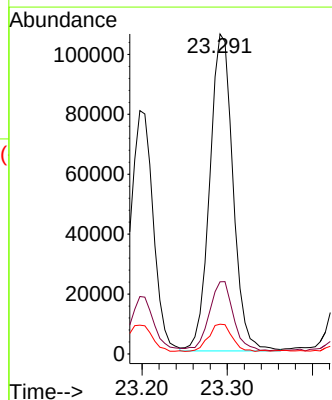
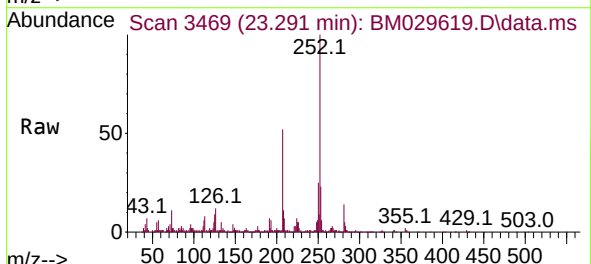
Instrument :
BNA_M
ClientSampleId :
COMP-2

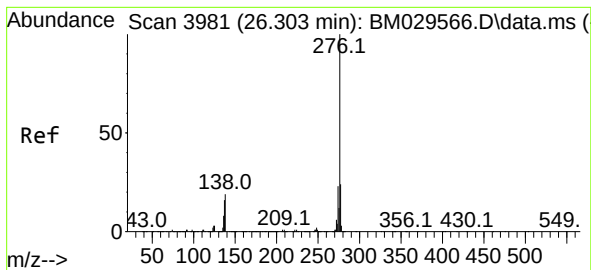
Tgt Ion:252 Resp: 331661
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.1 6.2 9.2



#90
Benzo(a)pyrene
Concen: 7.32 ng
RT: 23.291 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BM029619.D
Acq: 23 Apr 2021 18:55

Tgt Ion:252 Resp: 201241
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.3 7.3 10.9





#92
 Benzo(g,h,i)perylene
 Concen: 5.43 ng
 RT: 26.250 min Scan# 3972
 Delta R.T. -0.018 min
 Lab File: BM029619.D
 Acq: 23 Apr 2021 18:55

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Tgt Ion:	276	Resp:	150371
Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.2
138	20.1	14.4	21.6

