

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029264.D
 Acq On : 30 Mar 2021 03:11
 Operator : CG/JU
 Sample : M1828-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(5-6)

Quant Time: Mar 30 05:20:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

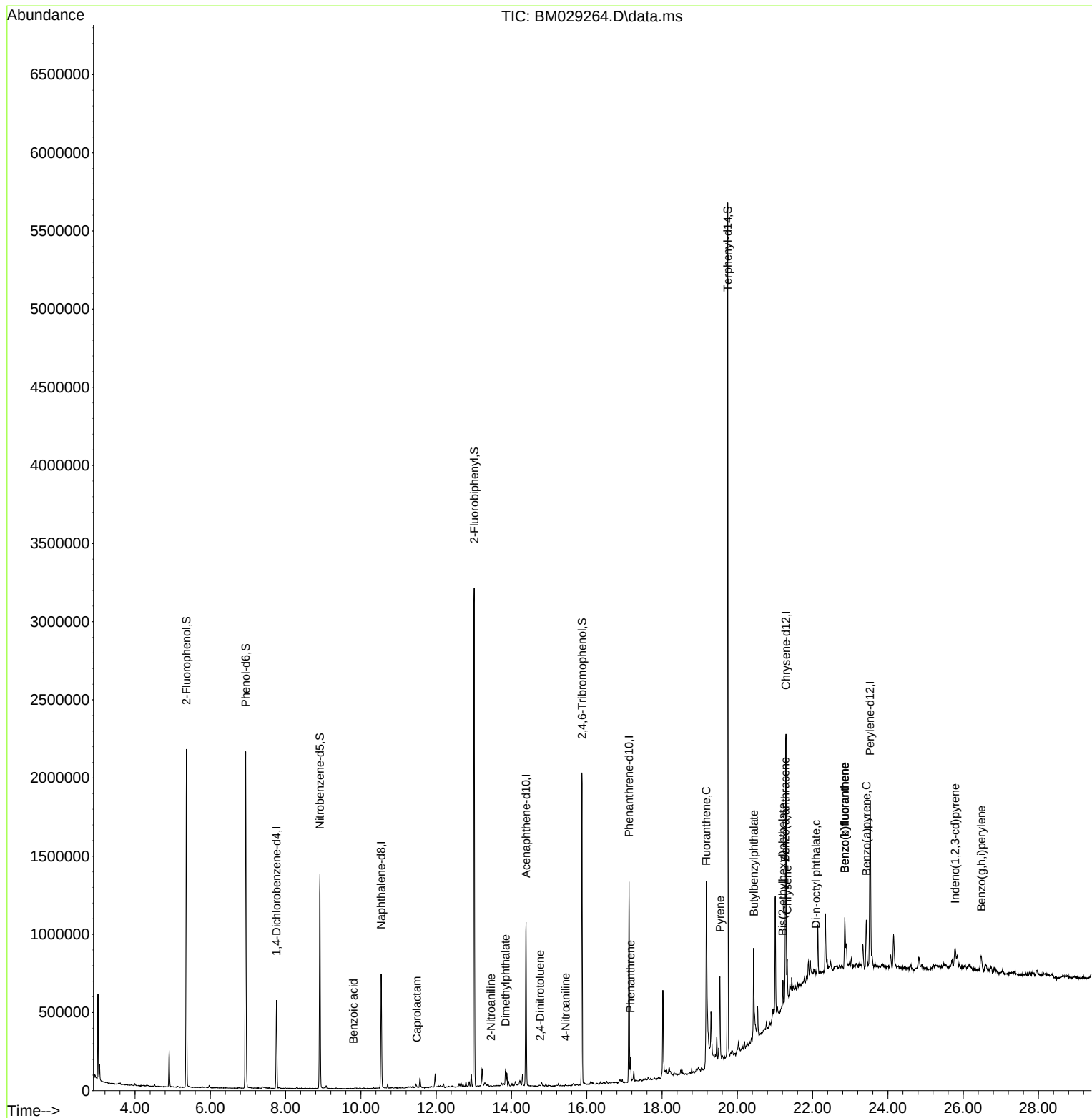
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	137034	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	559904	20.00	ng	0.00
39) Acenaphthene-d10	14.386	164	333251	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	677125	20.00	ng	0.00
76) Chrysene-d12	21.292	240	680737	20.00	ng	0.00
86) Perylene-d12	23.527	264	704120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	801392	100.81	ng	0.01
7) Phenol-d6	6.940	99	1080544	94.72	ng	0.02
23) Nitrobenzene-d5	8.910	82	765864	66.41	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	282647	91.59	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	1533569	65.27	ng	0.00
79) Terphenyl-d14	19.745	244	2153437	63.55	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.804	122	59	4.48	ng	# 11
35) Caprolactam	11.486	113	1653	5.41	ng	# 15
48) 2-Nitroaniline	13.457	65	119	3.29	ng	# 9
50) Dimethylphthalate	13.839	163	49149	2.11	ng	# 98
57) 2,4-Dinitrotoluene	14.763	165	65	3.18	ng	# 17
62) 4-Nitroaniline	15.439	138	60	3.59	ng	# 11
71) Phenanthrene	17.163	178	86066	2.19	ng	96
75) Fluoranthene	19.174	202	315563	7.27	ng	99
78) Pyrene	19.539	202	307897	6.68	ng	99
80) Butylbenzylphthalate	20.439	149	2133	3.69	ng	# 18
81) Benzo(a)anthracene	21.274	228	158815	3.57	ng	94
83) Chrysene	21.327	228	133887	3.01	ng	98
84) Bis(2-ethylhexyl)phtha...	21.209	149	60259	5.77	ng	99
85) Di-n-octyl phthalate	22.092	149	3119	4.13	ng	# 1
87) Indeno(1,2,3-cd)pyrene	25.786	276	114074	2.22	ng	96
88) Benzo(b)fluoranthene	22.856	252	207232	4.52	ng	# 94
89) Benzo(k)fluoranthene	22.856	252	207232	4.66	ng	# 94
90) Benzo(a)pyrene	23.427	252	156961	3.78	ng	# 91
92) Benzo(g,h,i)perylene	26.480	276	119583	2.77	ng	98

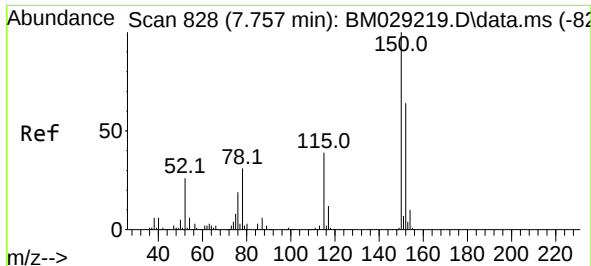
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029264.D
Acq On : 30 Mar 2021 03:11
Operator : CG/JU
Sample : M1828-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

Quant Time: Mar 30 05:20:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

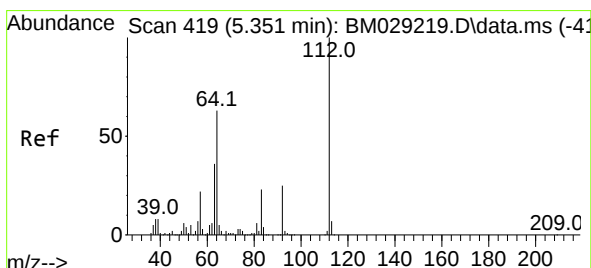
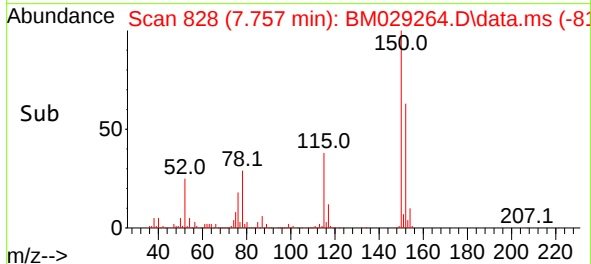
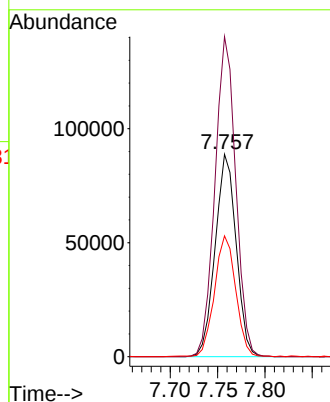
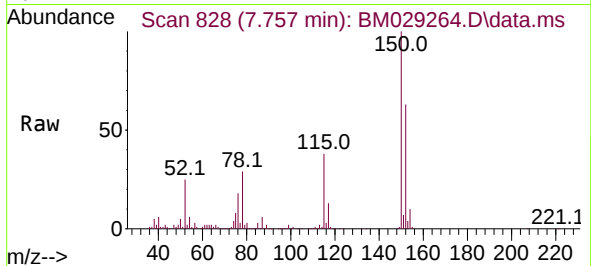




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.005 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

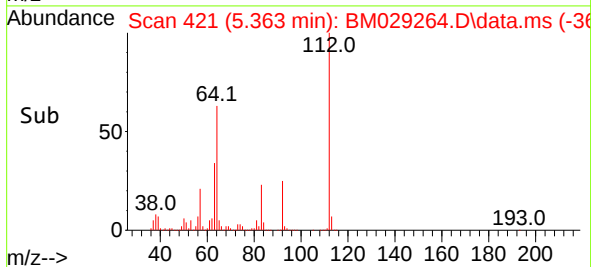
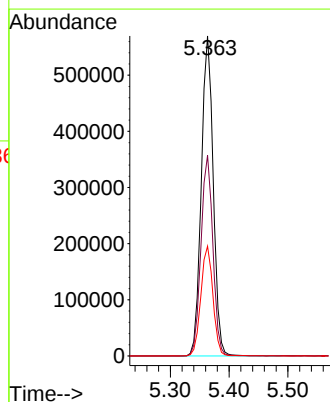
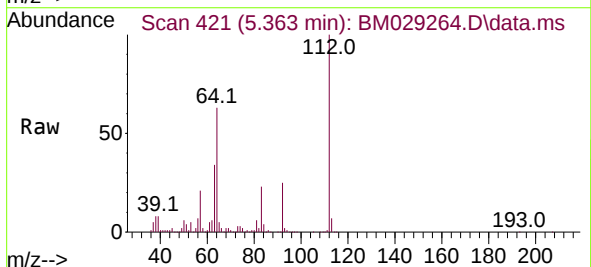
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

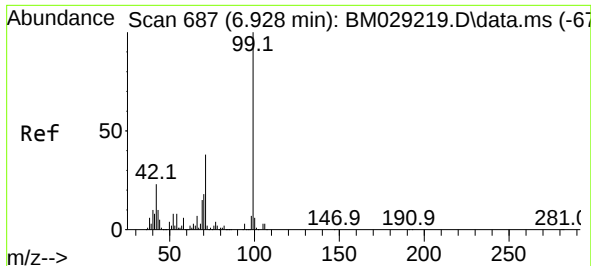
Tgt Ion:152 Resp: 137034
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 59.7 46.4 69.6



#5
2-Fluorophenol
Concen: 100.81 ng
RT: 5.363 min Scan# 421
Delta R.T. 0.012 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:112 Resp: 801392
Ion Ratio Lower Upper
112 100
64 62.7 51.6 77.4
63 34.3 29.0 43.4

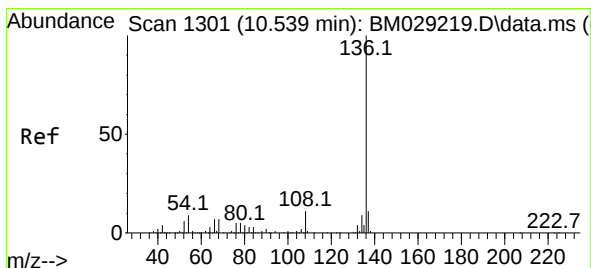
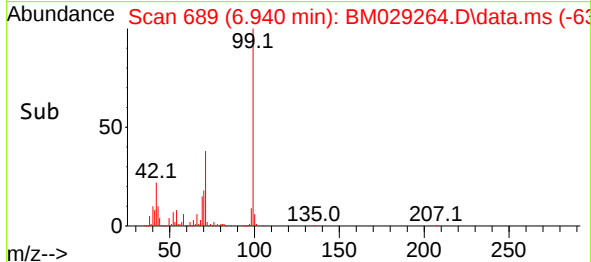
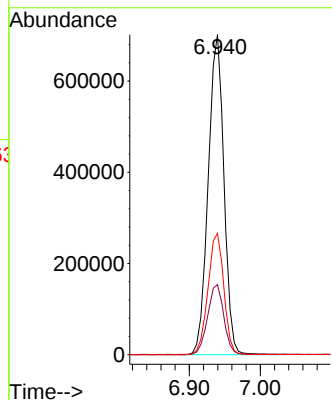
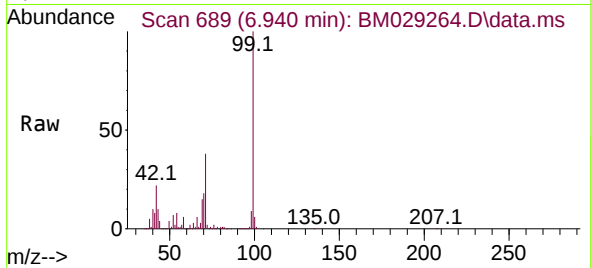




#7
Phenol-d6
Concen: 94.72 ng
RT: 6.940 min Scan# 689
Delta R.T. 0.017 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

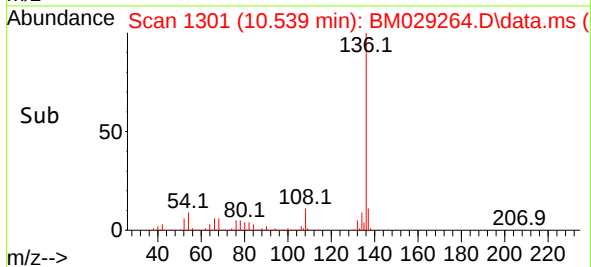
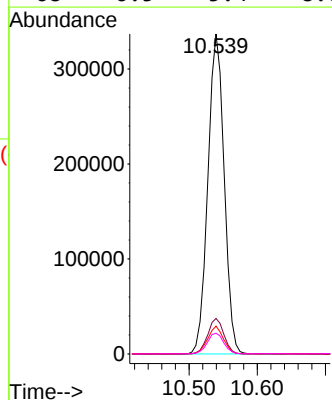
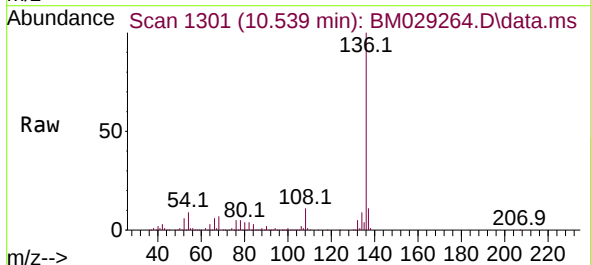
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

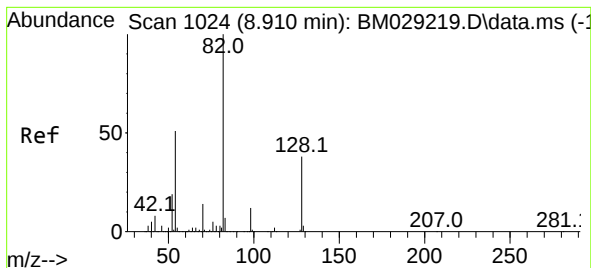
Tgt Ion: 99 Resp: 1080544
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 37.9 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion: 136 Resp: 559904
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 8.7 6.9 10.3
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.41 ng

RT: 8.910 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BM029264.D

Acq: 30 Mar 2021 03:11

Tgt Ion: 82 Resp: 765864

Ion Ratio Lower Upper

82 100

128 39.1 28.6 42.8

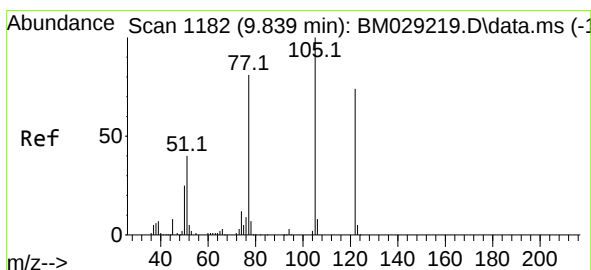
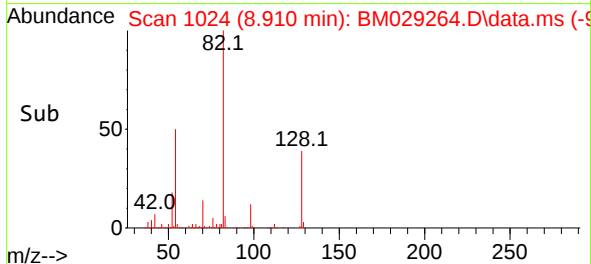
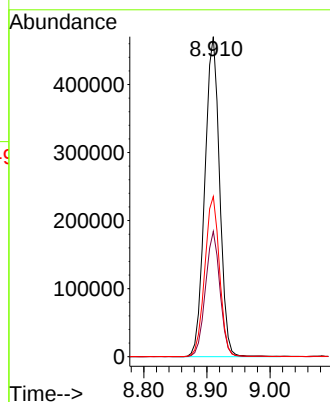
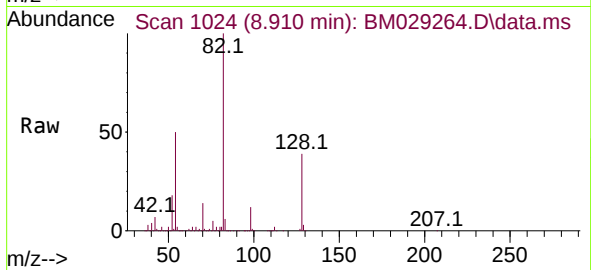
54 50.1 40.7 61.1

Instrument :

BNA_M

ClientSampleId :

FS-SB13(5-6)



#32

Benzoic acid

Concen: 4.48 ng

RT: 9.804 min Scan# 1176

Delta R.T. -0.024 min

Lab File: BM029264.D

Acq: 30 Mar 2021 03:11

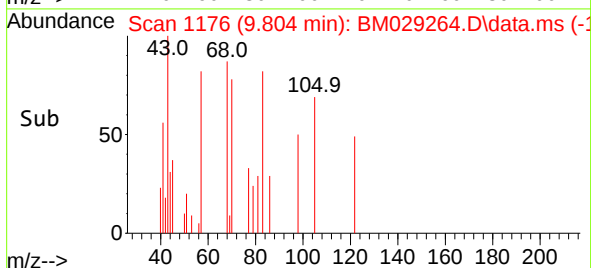
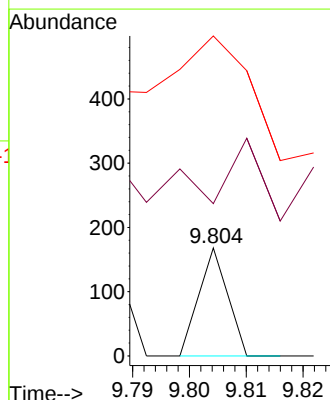
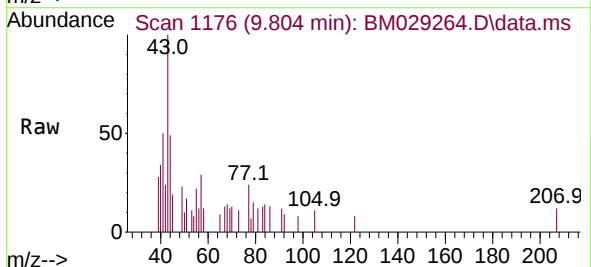
Tgt Ion:122 Resp: 59

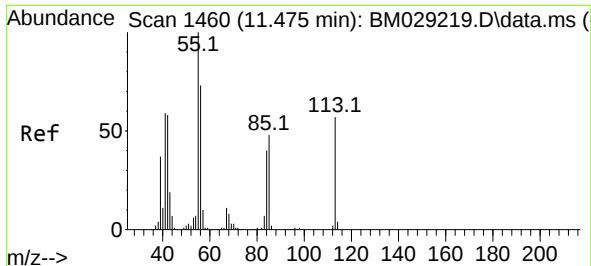
Ion Ratio Lower Upper

122 100

105 141.1 108.2 148.2

77 296.4 86.0 126.0#

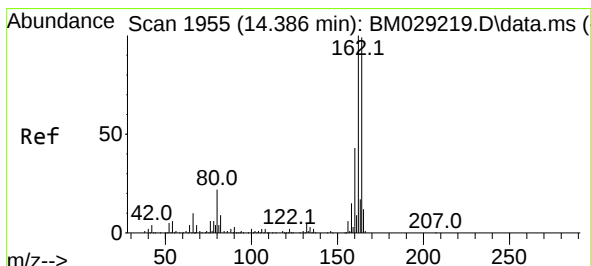
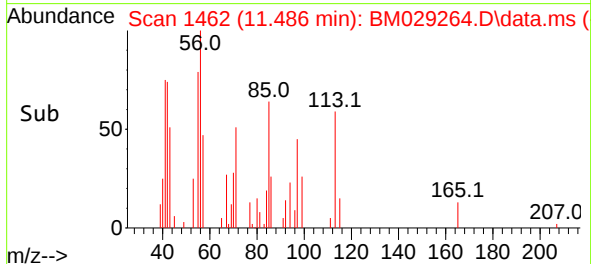
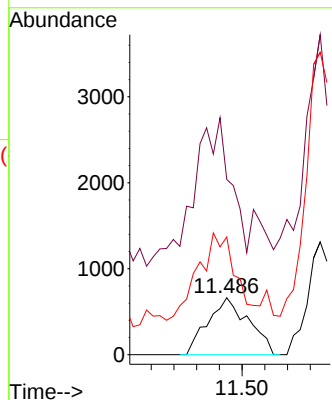
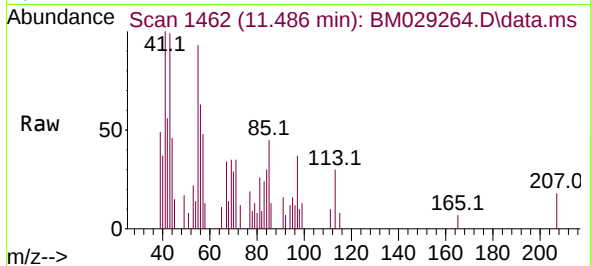




#35
Caprolactam
Concen: 5.41 ng
RT: 11.486 min Scan# 1462
Delta R.T. 0.023 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

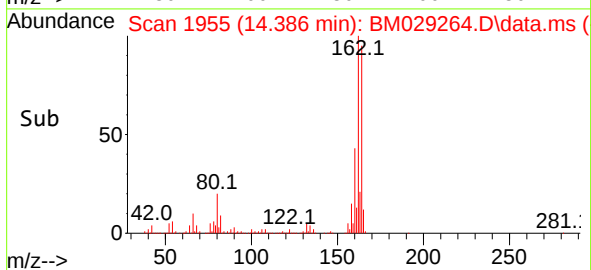
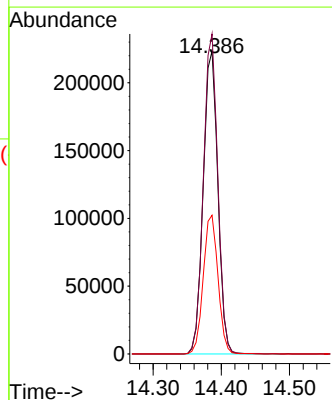
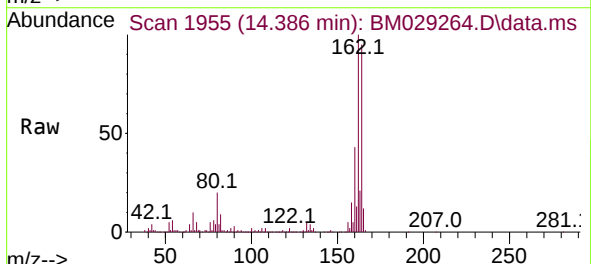
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

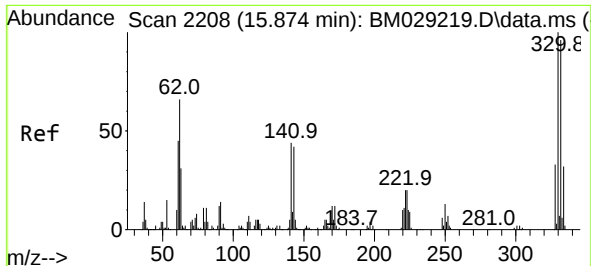
Tgt Ion:113 Resp: 1653
Ion Ratio Lower Upper
113 100
55 307.5 149.4 189.4#
56 206.6 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.386 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:164 Resp: 333251
Ion Ratio Lower Upper
164 100
162 105.7 84.4 126.6
160 45.8 36.6 54.8

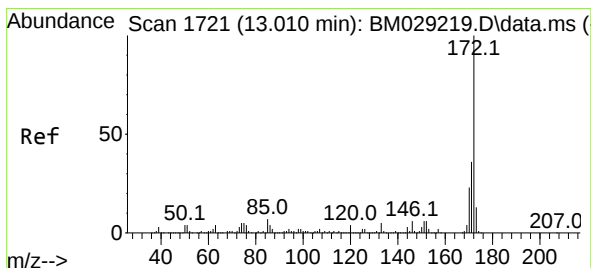
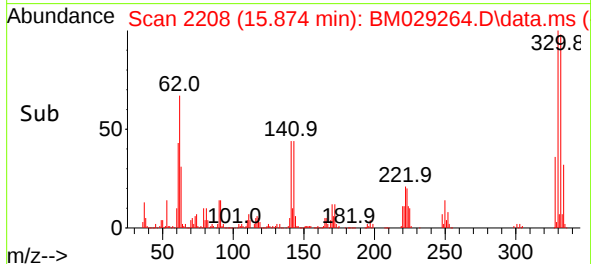
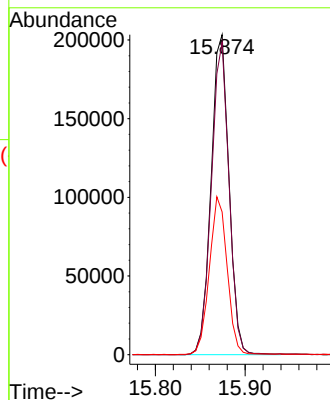
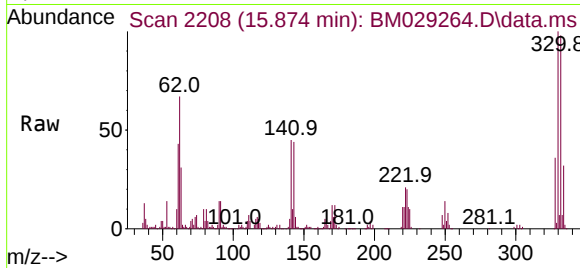




#42
2,4,6-Tribromophenol
Concen: 91.59 ng
RT: 15.874 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

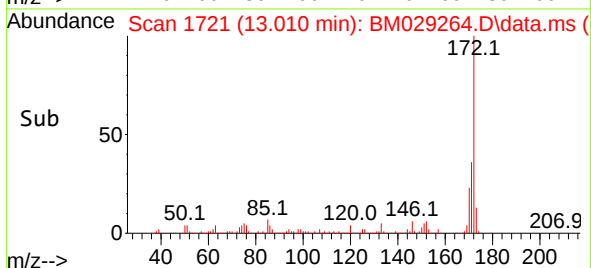
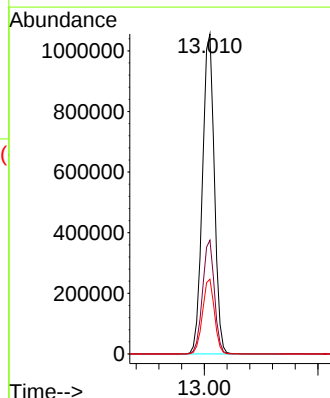
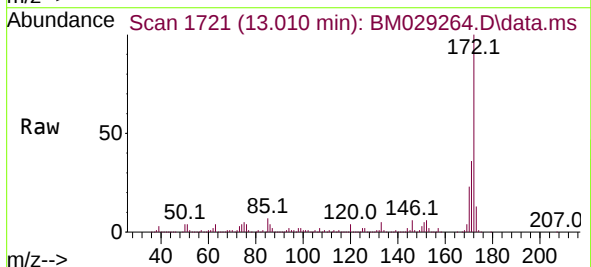
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

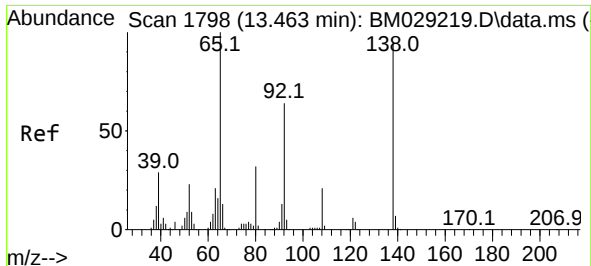
Tgt Ion:330 Resp: 282647
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 49.0 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 65.27 ng
RT: 13.010 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:172 Resp: 1533569
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.8 28.2

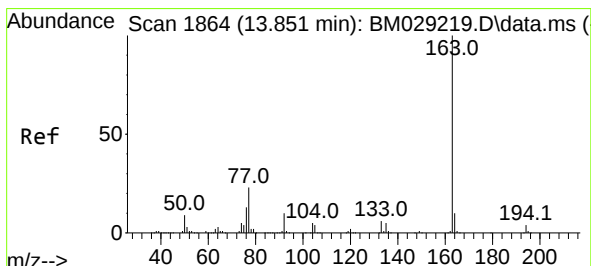
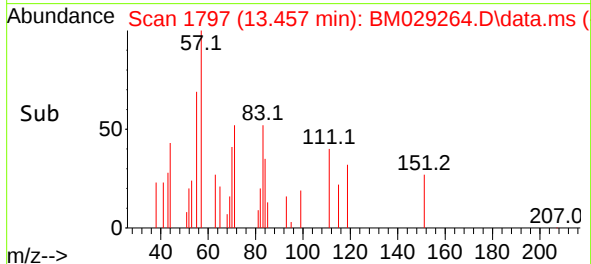
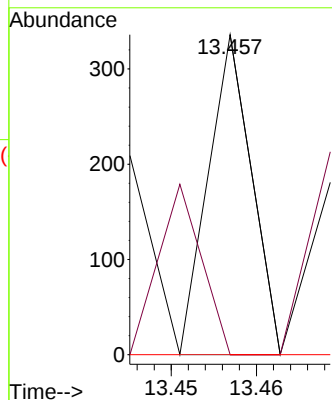
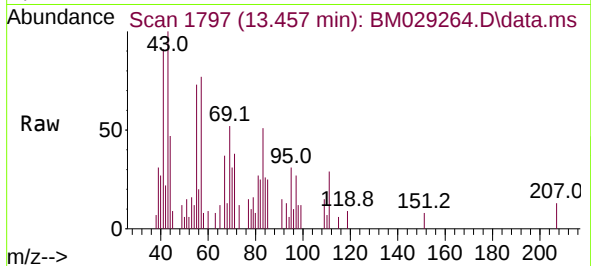




#48
2-Nitroaniline
Concen: 3.29 ng
RT: 13.457 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

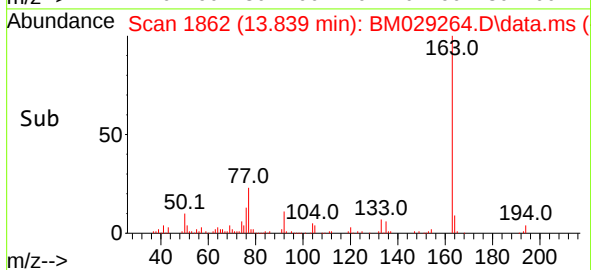
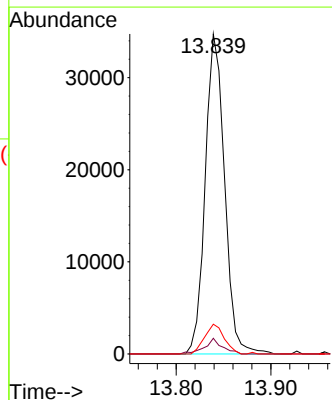
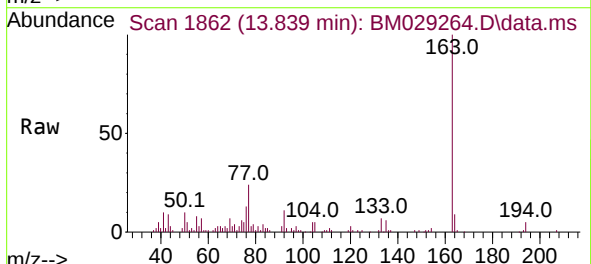
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

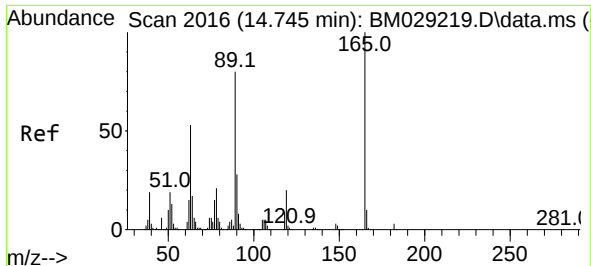
Tgt Ion: 65 Resp: 119
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 75.0 112.6#



#50
Dimethylphthalate
Concen: 2.11 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:163 Resp: 49149
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 9.3 7.9 11.9

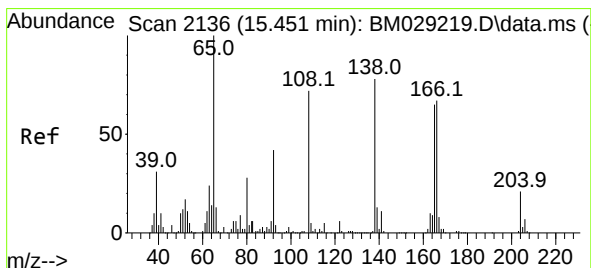
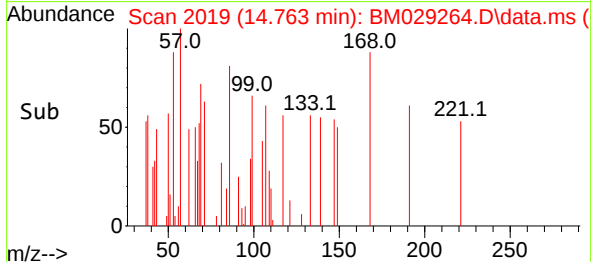
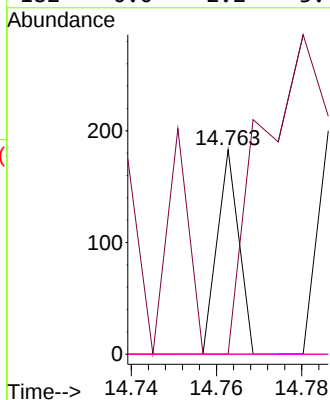
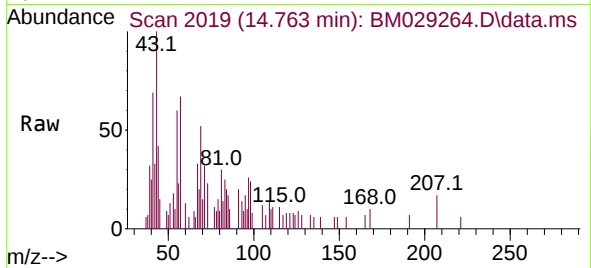




#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.763 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

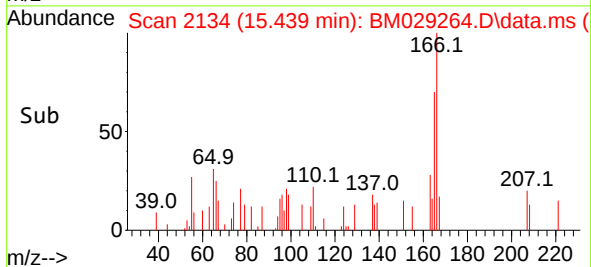
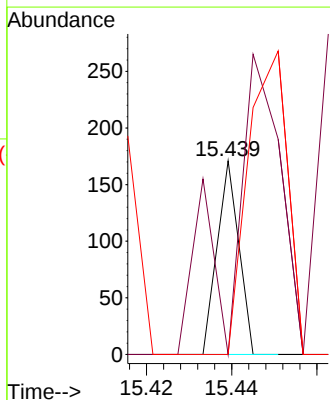
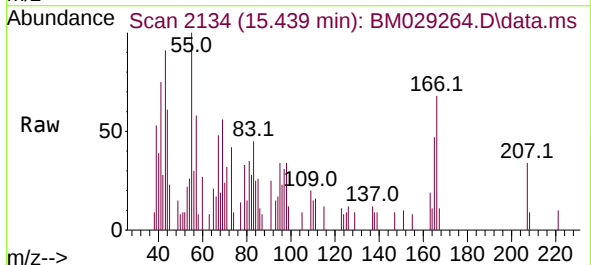
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

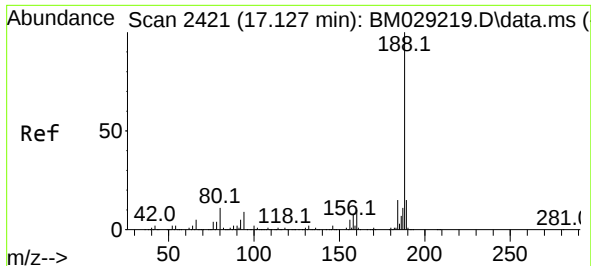
Tgt Ion:165	Resp:	65
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.2 63.4#
89	0.0	65.6 98.4#
182	0.0	2.2 3.4#



#62
4-Nitroaniline
Concen: 3.59 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:138	Resp:	60
Ion Ratio	Lower	Upper
138	100	
92	0.0	38.2 78.2#
108	0.0	71.7 111.7#

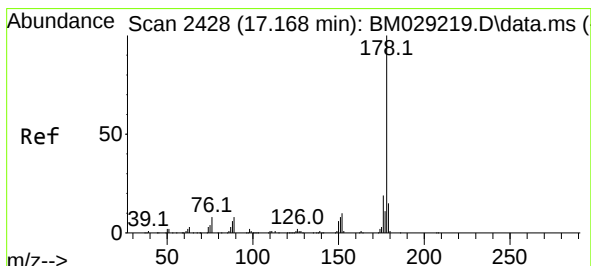
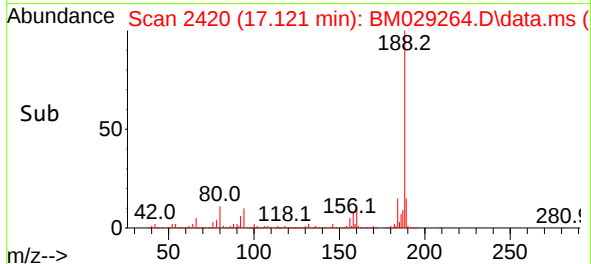
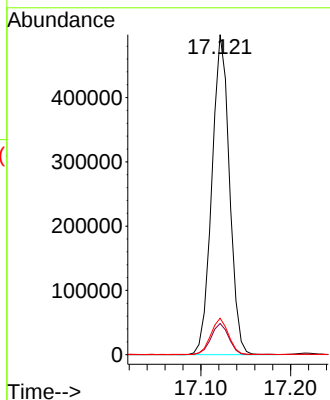
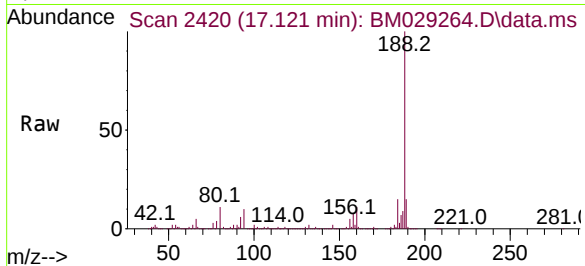




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

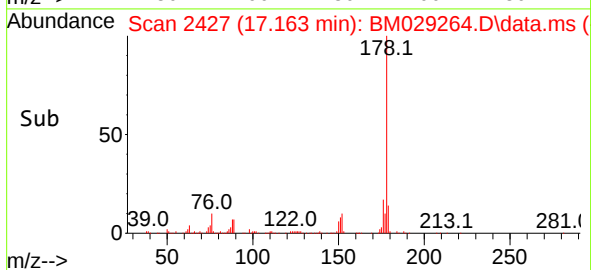
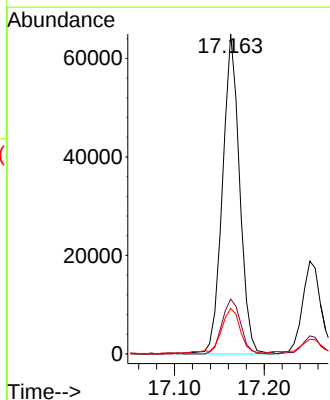
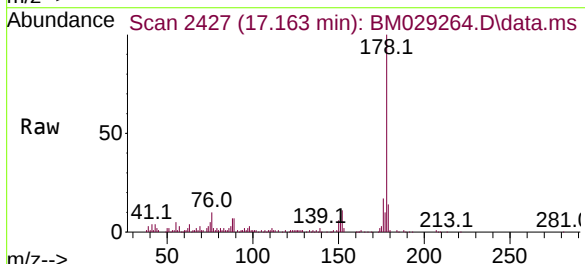
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

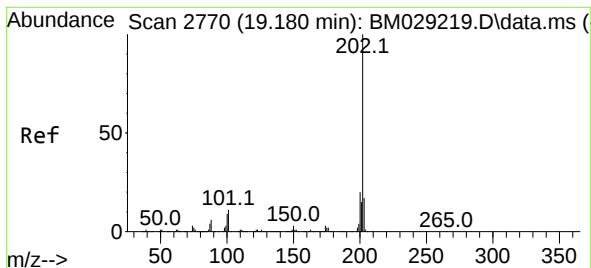
Tgt Ion:188 Resp: 677125
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 11.4 9.2 13.8



#71
Phenanthrene
Concen: 2.19 ng
RT: 17.163 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:178 Resp: 86066
Ion Ratio Lower Upper
178 100
176 17.2 15.7 23.5
179 14.2 11.9 17.9

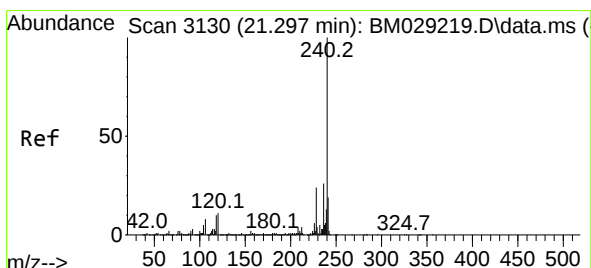
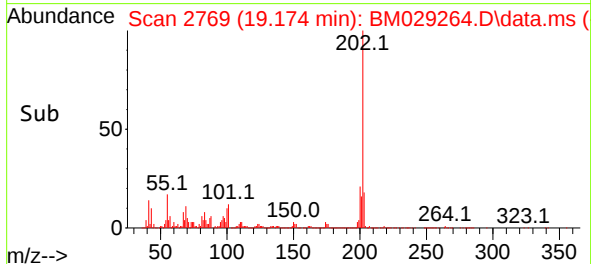
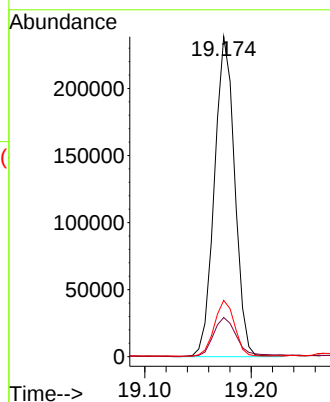
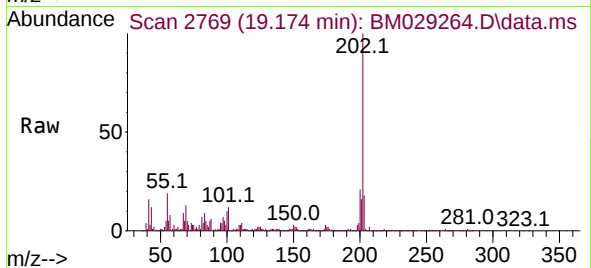




#75
Fluoranthene
Concen: 7.27 ng
RT: 19.174 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

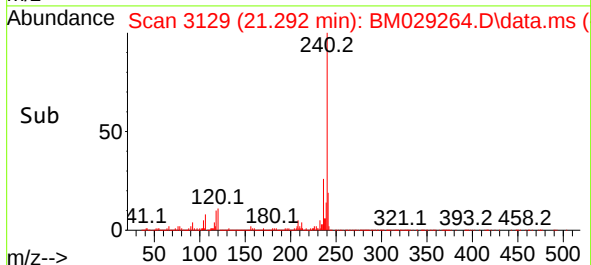
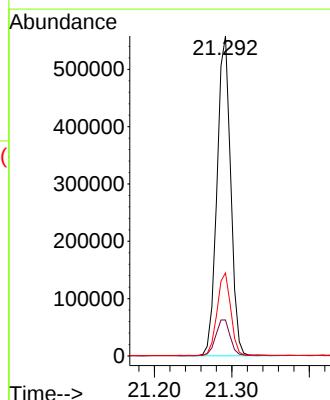
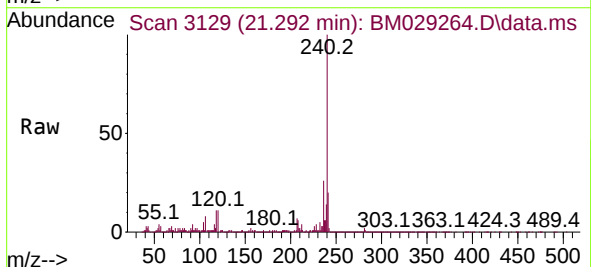
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

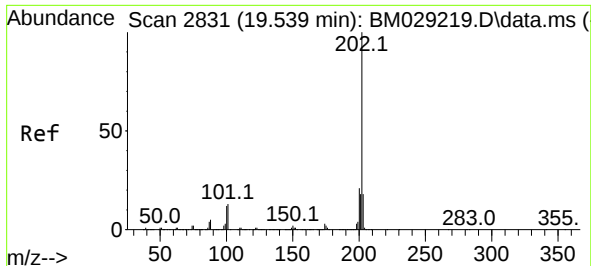
Tgt Ion:202 Resp: 315563
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.5
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.292 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:240 Resp: 680737
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 26.0 20.3 30.5

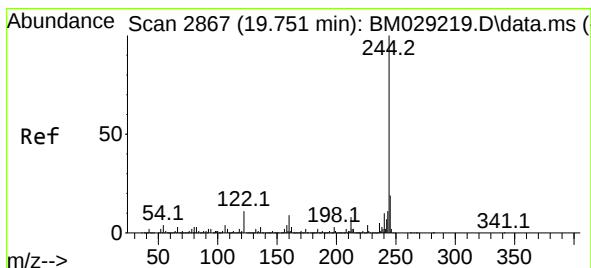
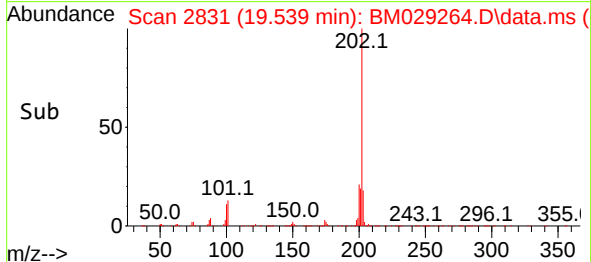
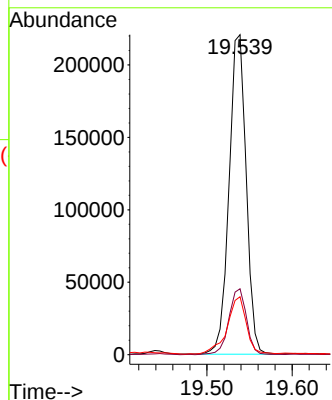
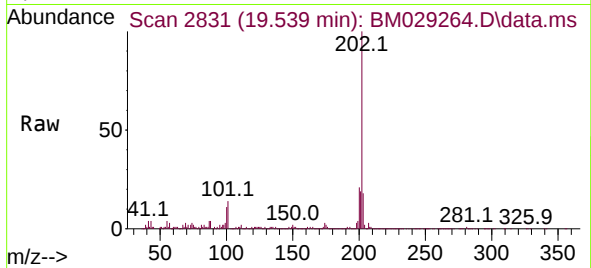




#78
Pyrene
Concen: 6.68 ng
RT: 19.539 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

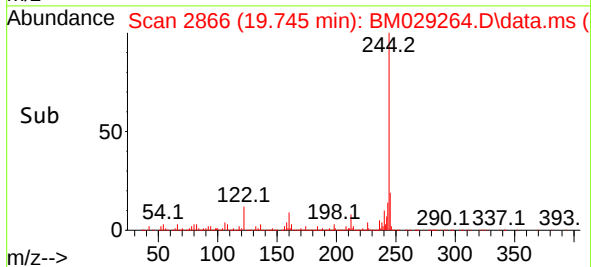
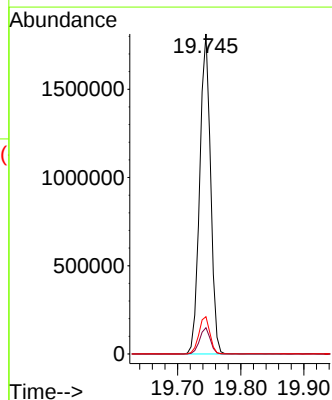
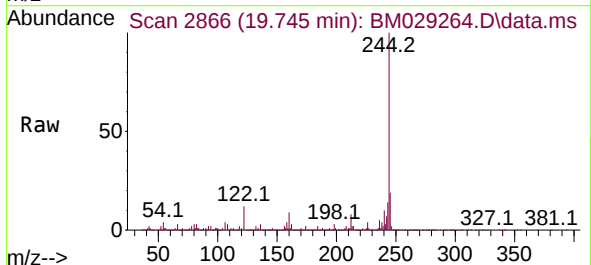
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

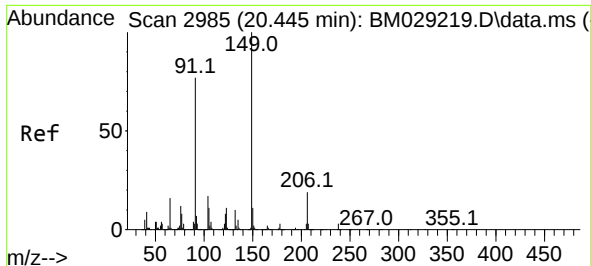
Tgt Ion:202 Resp: 307897
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 63.55 ng
RT: 19.745 min Scan# 2866
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:244 Resp: 2153437
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.7 9.2 13.8

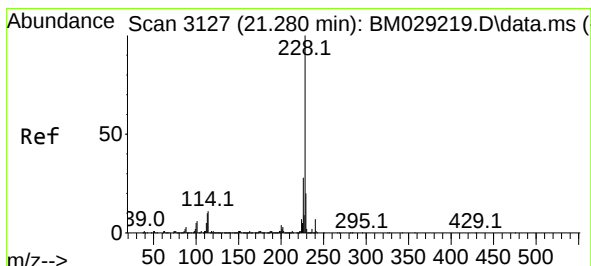
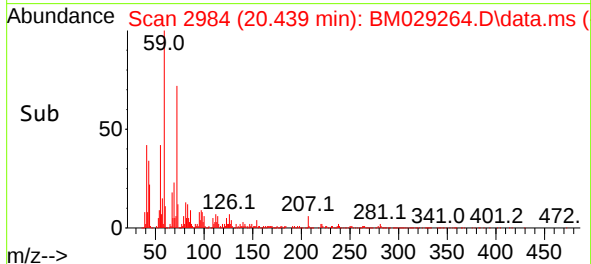
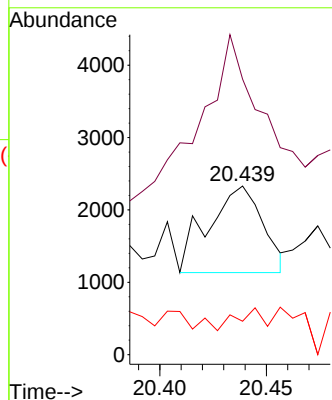
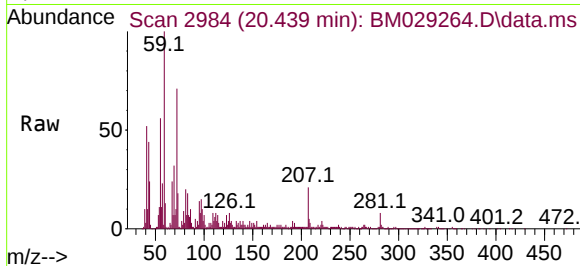




#80
Butylbenzylphthalate
Concen: 3.69 ng
RT: 20.439 min Scan# 2984
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

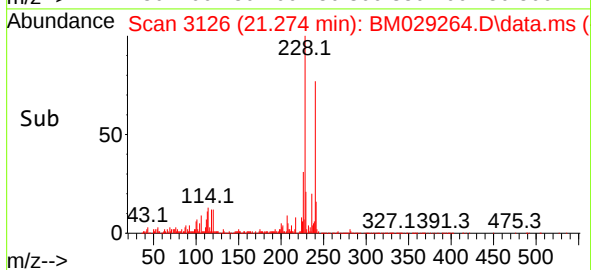
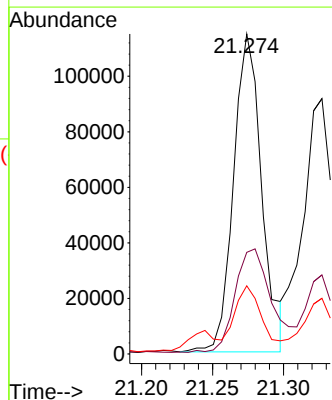
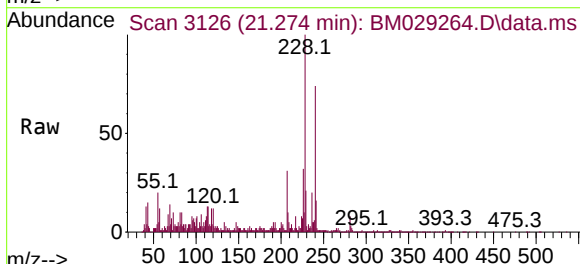
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

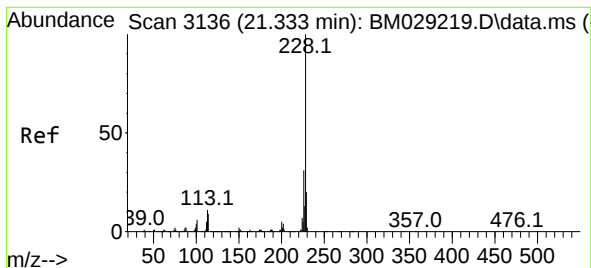
Tgt Ion:149 Resp: 2133
Ion Ratio Lower Upper
149 100
91 163.4 60.5 90.7#
206 19.8 15.7 23.5



#81
Benzo(a)anthracene
Concen: 3.57 ng
RT: 21.274 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:228 Resp: 158815
Ion Ratio Lower Upper
228 100
226 31.7 21.9 32.9
229 21.3 15.7 23.5





#83

Chrysene

Concen: 3.01 ng

RT: 21.327 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BM029264.D

Acq: 30 Mar 2021 03:11

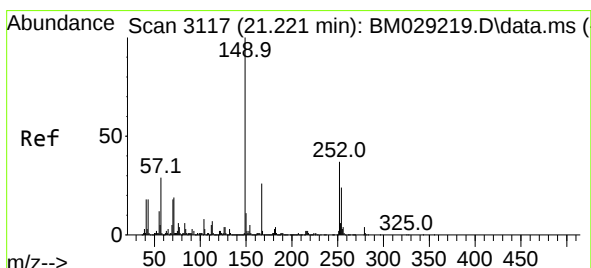
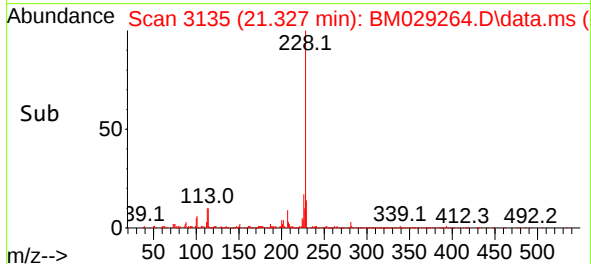
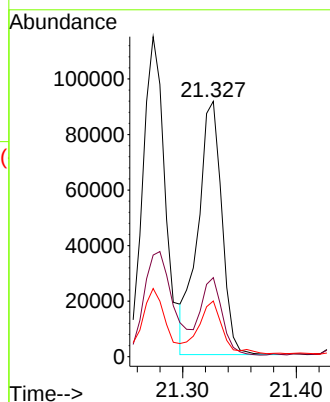
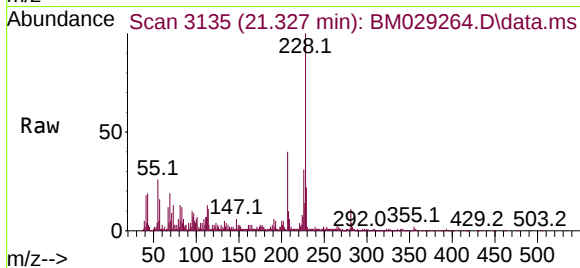
Tgt Ion:228	Resp:	133887
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.7 37.1
229	21.8	15.8 23.6

Instrument :

BNA_M

ClientSampleId :

FS-SB13(5-6)



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.77 ng

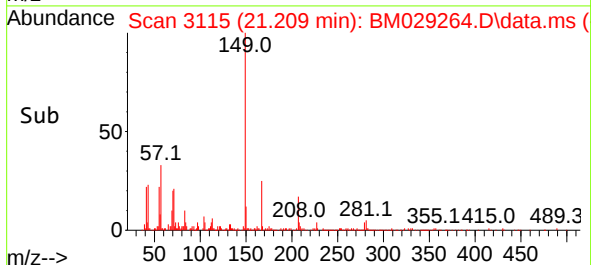
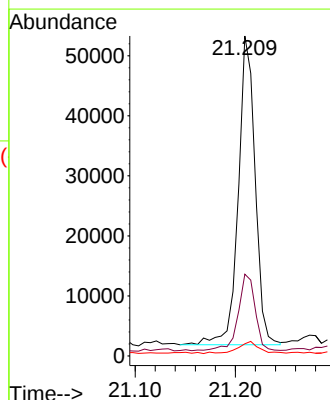
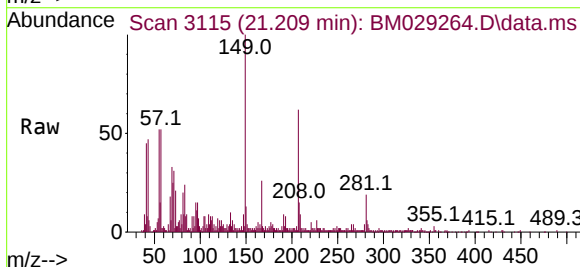
RT: 21.209 min Scan# 3115

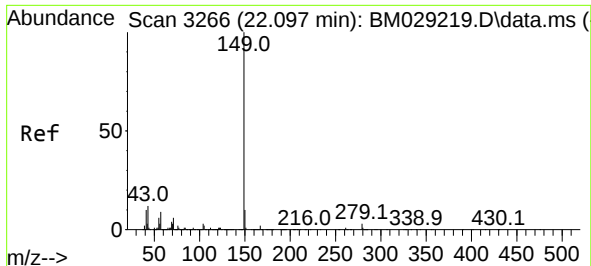
Delta R.T. -0.000 min

Lab File: BM029264.D

Acq: 30 Mar 2021 03:11

Tgt Ion:149	Resp:	60259
Ion Ratio	Lower	Upper
149	100	
167	25.6	20.6 31.0
279	3.8	3.3 4.9

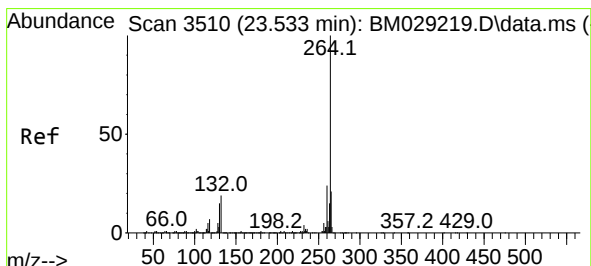
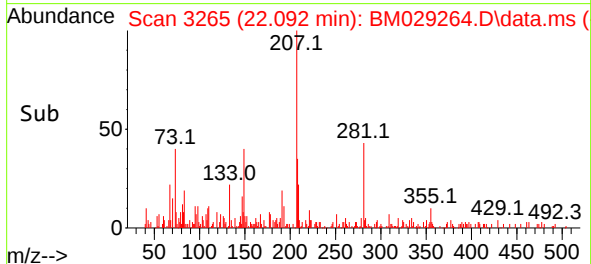
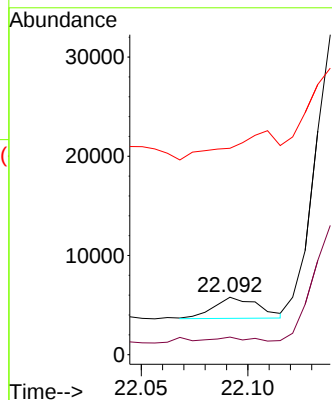
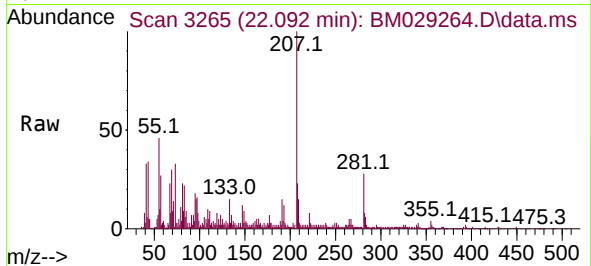




#85
Di-n-octyl phthalate
Concen: 4.13 ng
RT: 22.092 min Scan# 3265
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

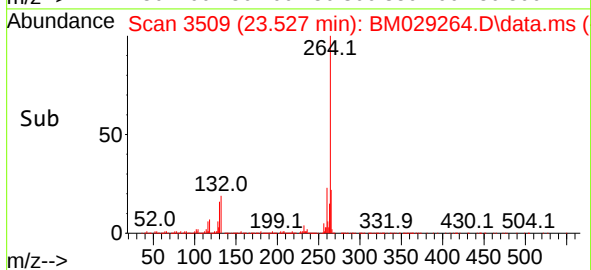
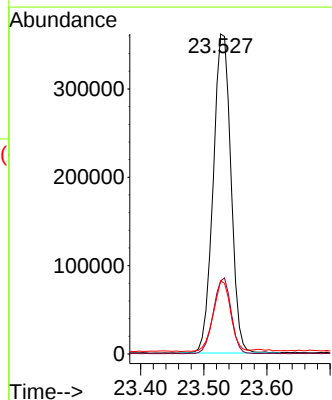
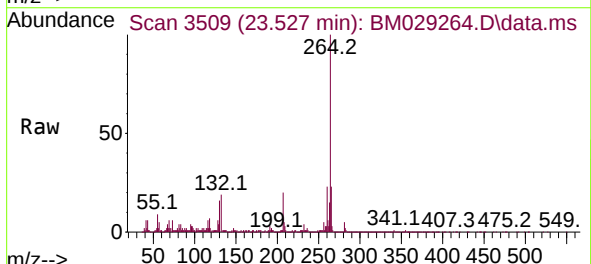
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

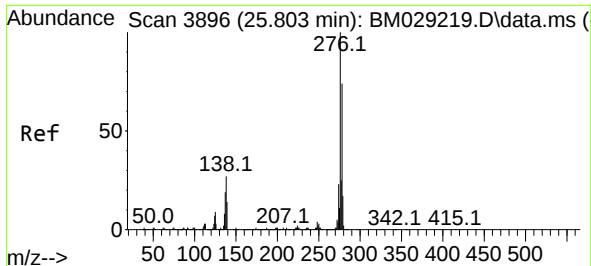
Tgt Ion:149 Resp: 3119
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 142.9 9.8 14.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.527 min Scan# 3509
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:264 Resp: 704120
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 22.9 17.8 26.8

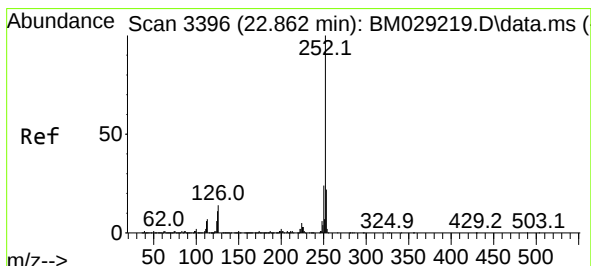
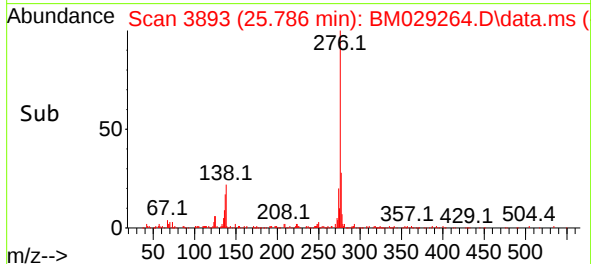
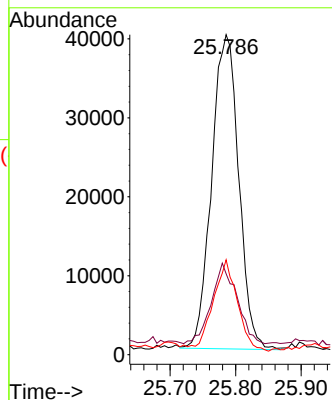
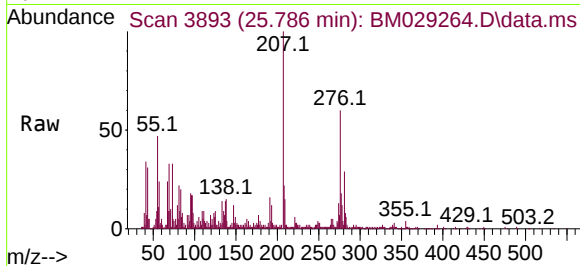




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.22 ng
RT: 25.786 min Scan# 3893
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

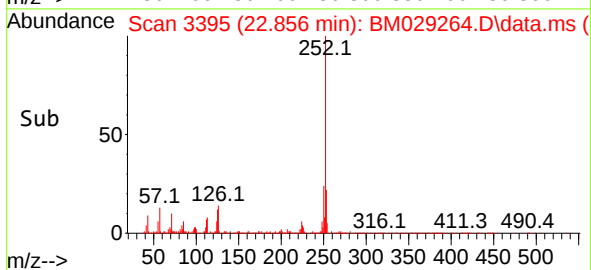
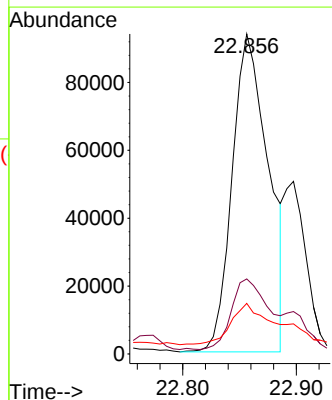
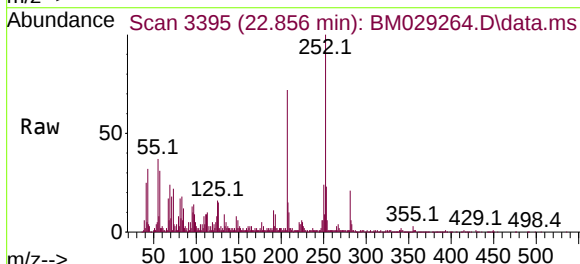
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

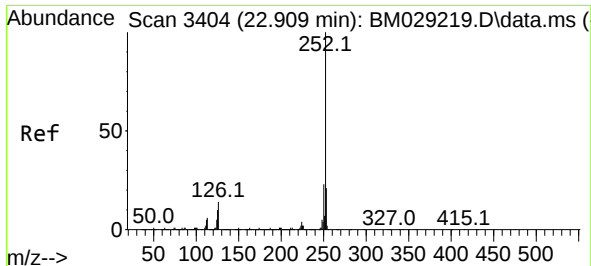
Tgt Ion:	276	Resp:	114074
Ion Ratio	Lower	Upper	
276	100		
138	24.5	22.6	34.0
277	25.8	20.2	30.4



#88
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 22.856 min Scan# 3395
Delta R.T. 0.012 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:	252	Resp:	207232
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.6	26.4
125	15.8	9.0	13.4

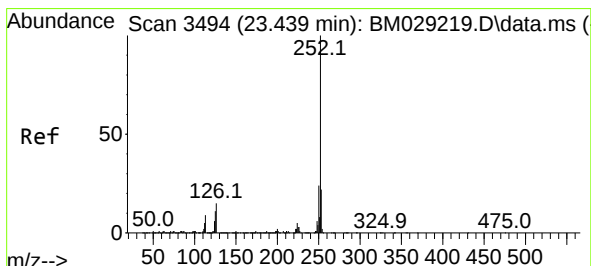
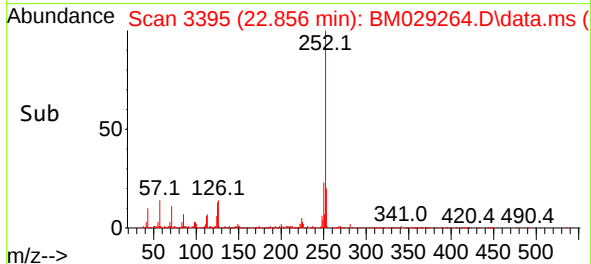
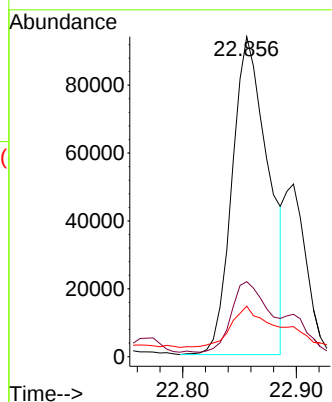
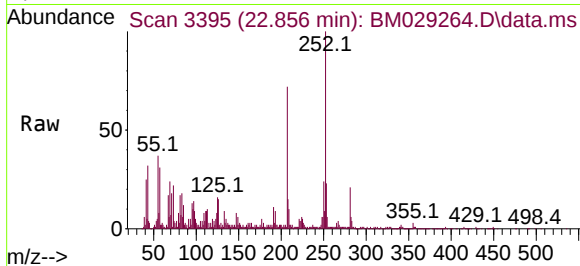




#89
Benzo(k)fluoranthene
Concen: 4.66 ng
RT: 22.856 min Scan# 3395
Delta R.T. -0.035 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

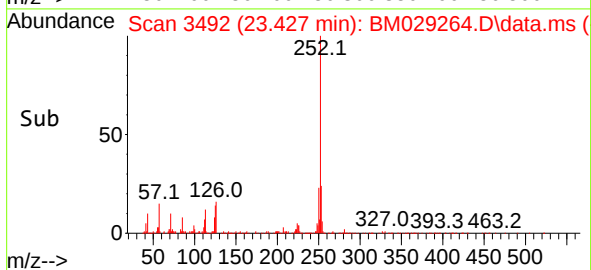
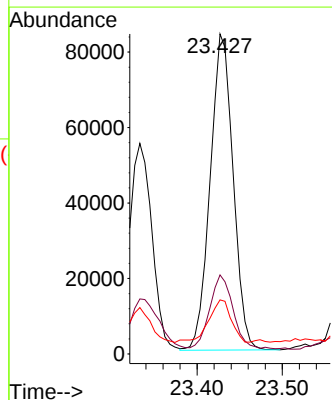
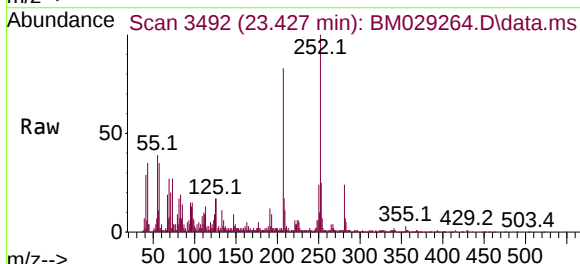
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

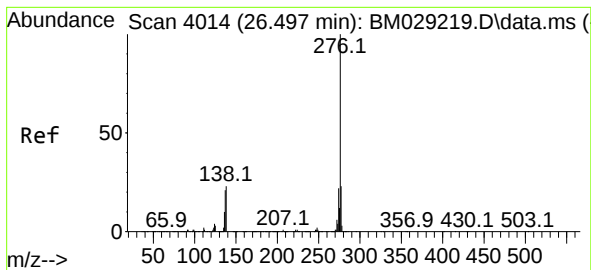
Tgt Ion:252 Resp: 207232
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 15.8 8.7 13.1#



#90
Benzo(a)pyrene
Concen: 3.78 ng
RT: 23.427 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

Tgt Ion:252 Resp: 156961
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.4
125 16.9 9.5 14.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.77 ng
 RT: 26.480 min Scan# 4011
 Delta R.T. 0.006 min
 Lab File: BM029264.D
 Acq: 30 Mar 2021 03:11

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(5-6)

Tgt Ion:	276	Resp:	119583
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.7	28.1
138	24.9	19.0	28.4

