

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)

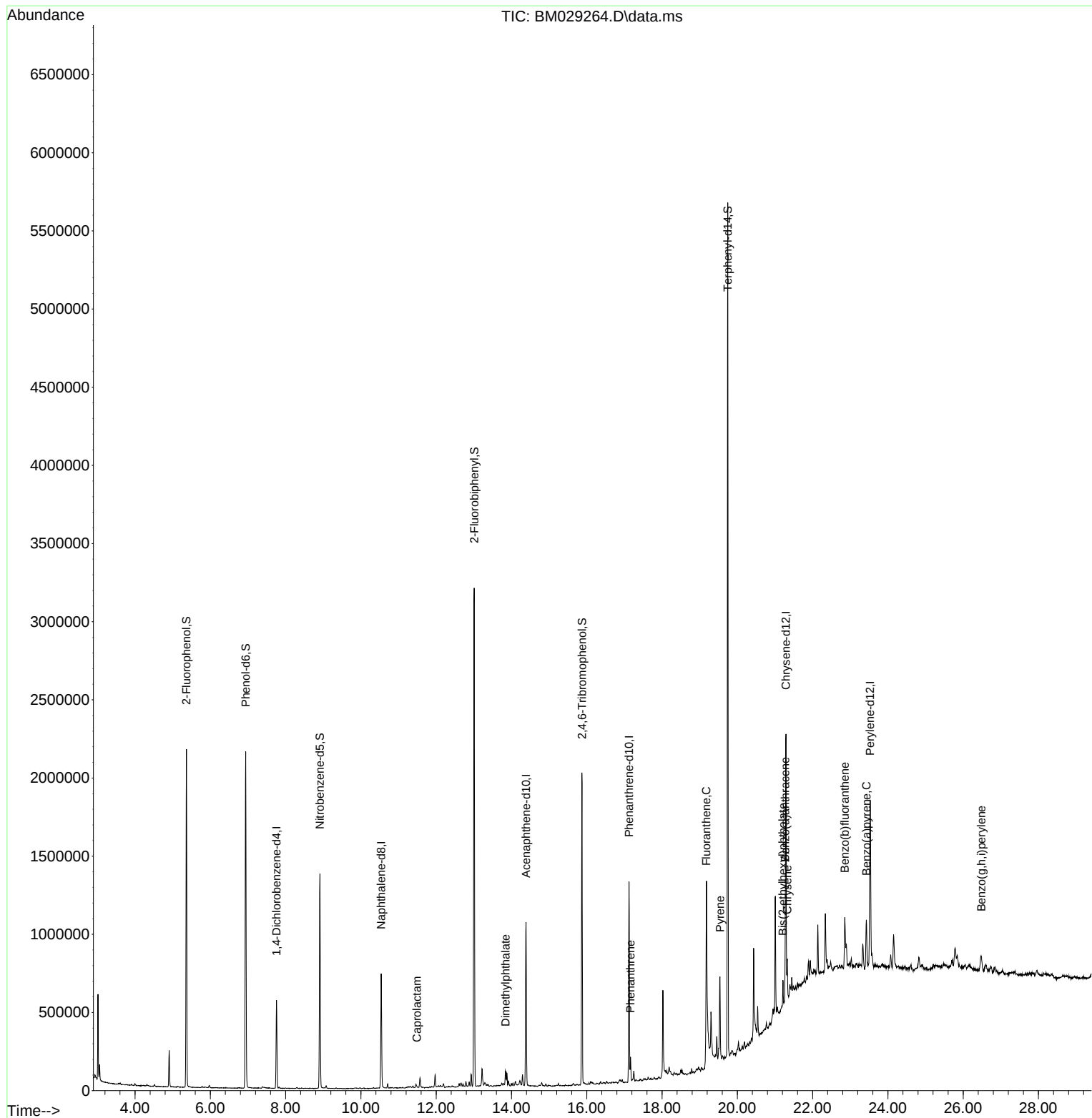
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	137034	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	559904	20.00	ng	0.00
39) Acenaphthene-d10	14.386	164	333251	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	677125	20.00	ng	0.00
76) Chrysene-d12	21.292	240	680737	20.00	ng	0.00
86) Perylene-d12	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
35) Caprolactam	11.486	113	1653	5.41	ng	# 15
50) Dimethylphthalate	13.839	163	49149	2.11	ng	# 98
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
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
88) Benzo(b)fluoranthene	22.856	252	207232	4.52	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

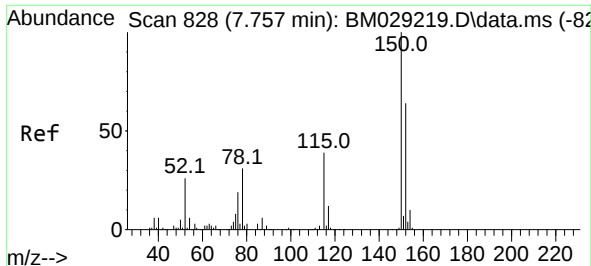
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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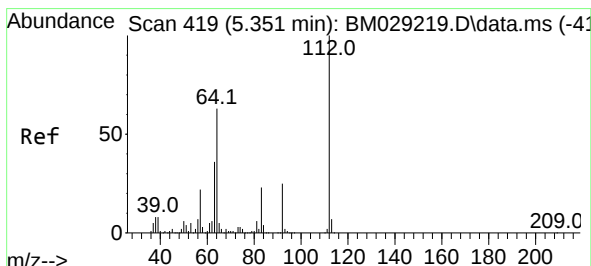
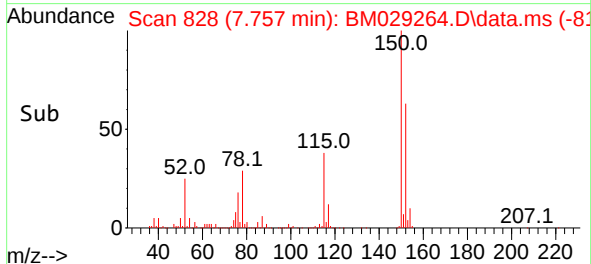
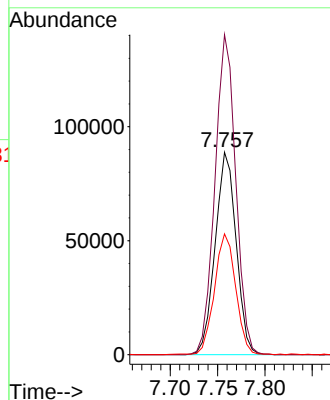
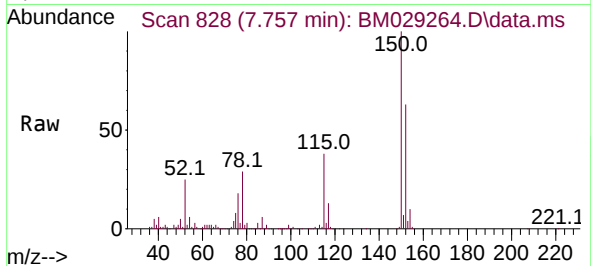




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.005 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

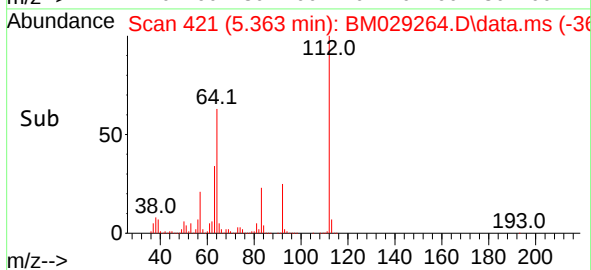
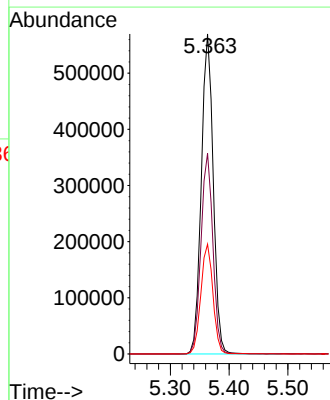
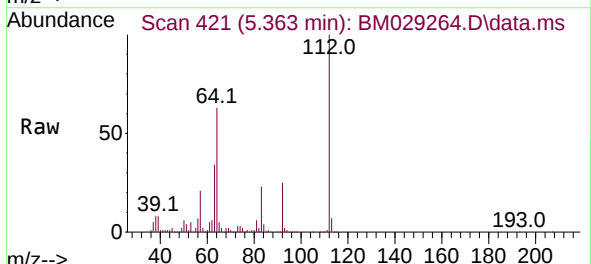
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

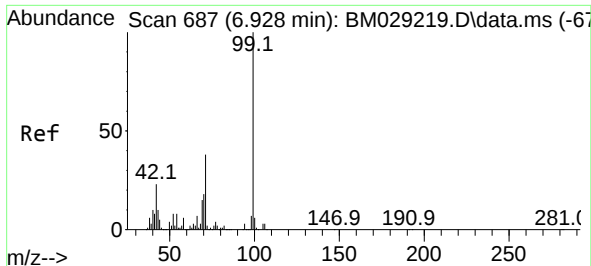
Tgt Ion:152 Resp: 137034
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 59.7 46.4 69.6



#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

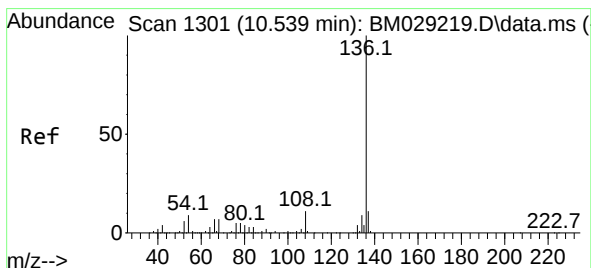
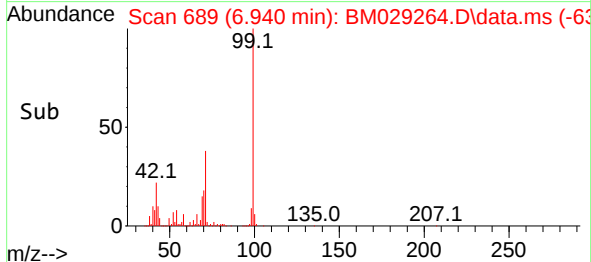
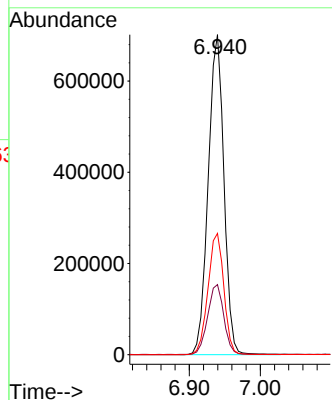
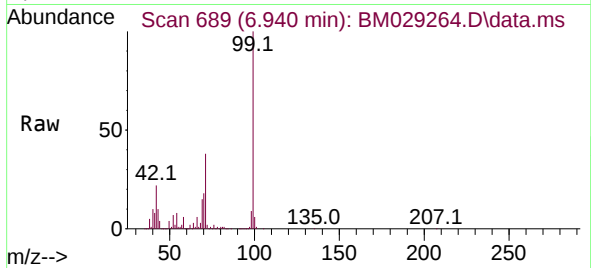




#7
Phenol-d6
Concen: 94.72 ng
RT: 6.940 min Scan# 689
Delta R.T. 0.017 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

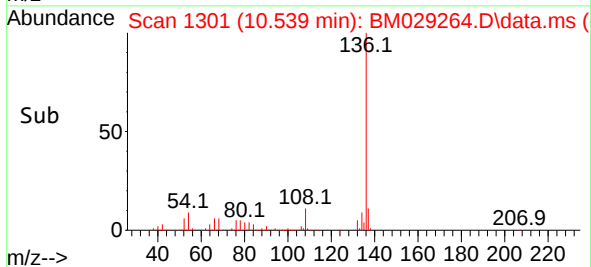
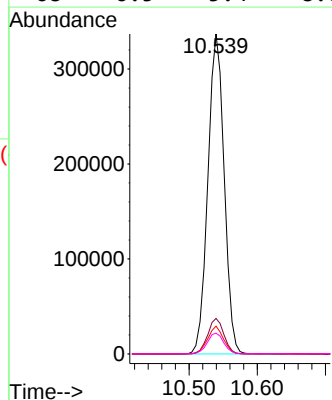
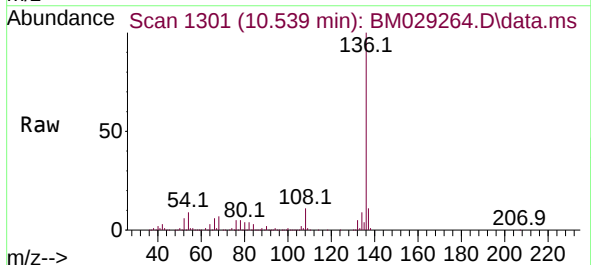
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

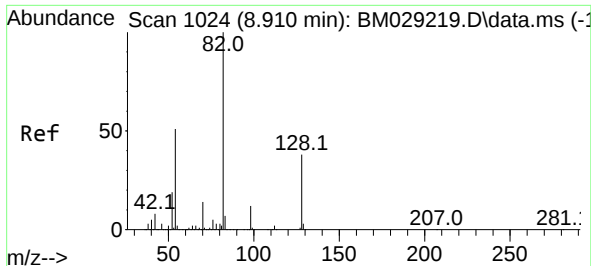
Tgt Ion: 99 Resp: 1080544
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 37.9 31.8 47.6



#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

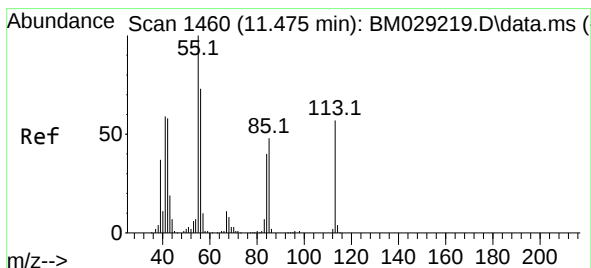
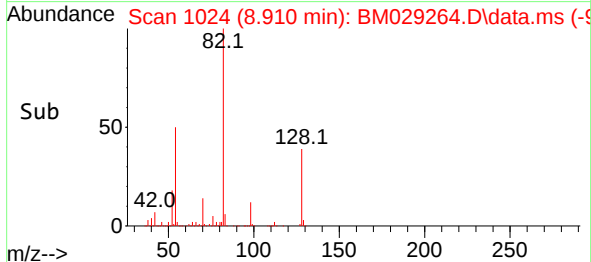
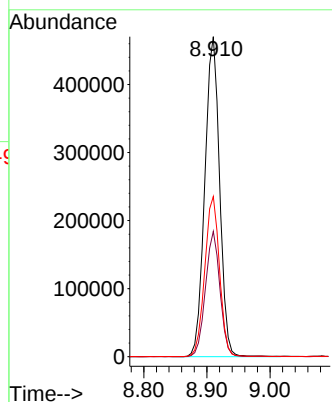
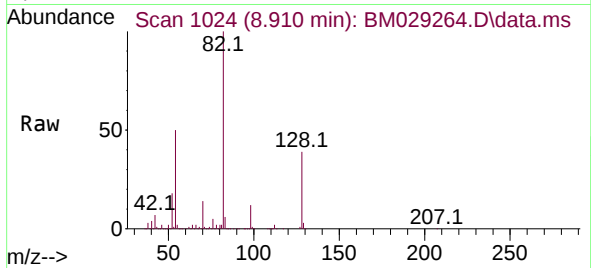




#23
Nitrobenzene-d5
Concen: 66.41 ng
RT: 8.910 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

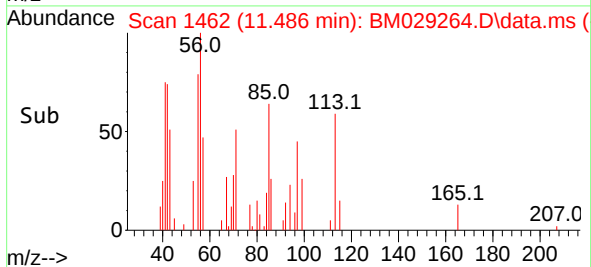
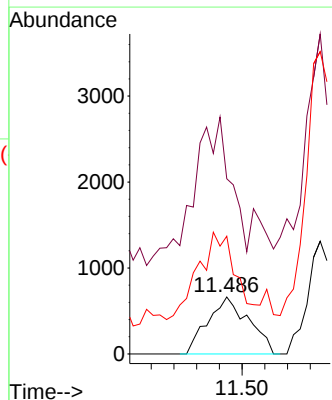
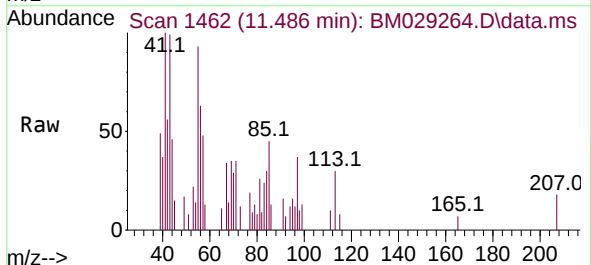
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

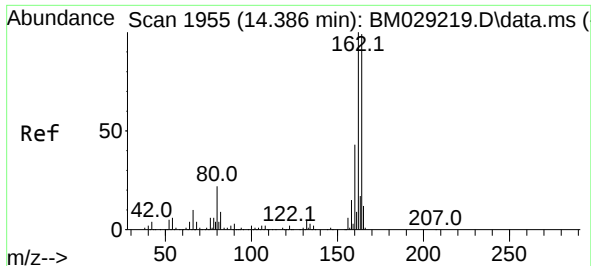
Tgt Ion: 82 Resp: 765864
Ion Ratio Lower Upper
82 100
128 39.1 28.6 42.8
54 50.1 40.7 61.1



#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

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#

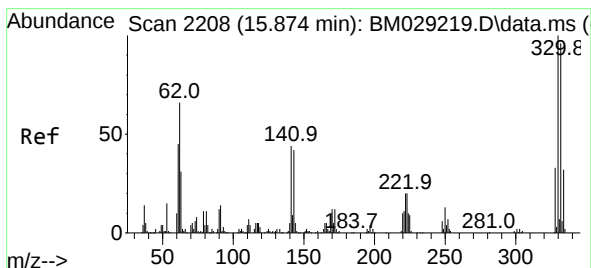
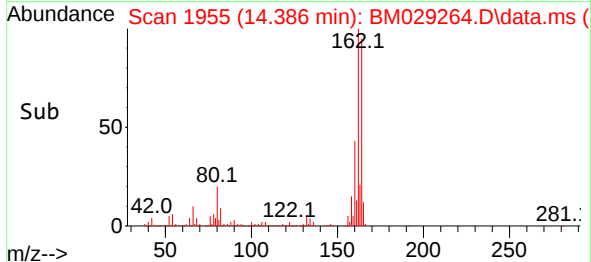
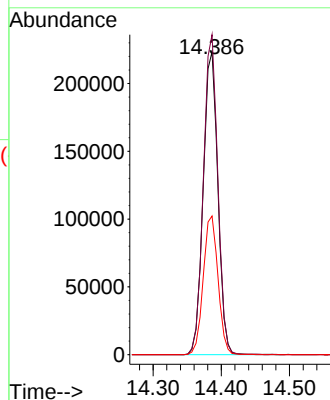
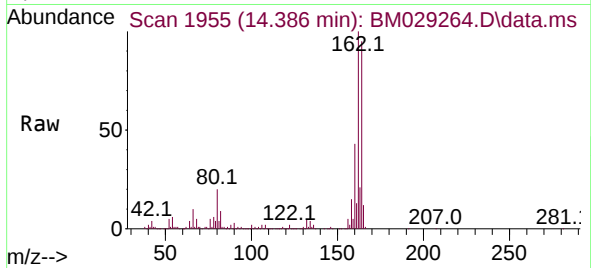




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.386 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

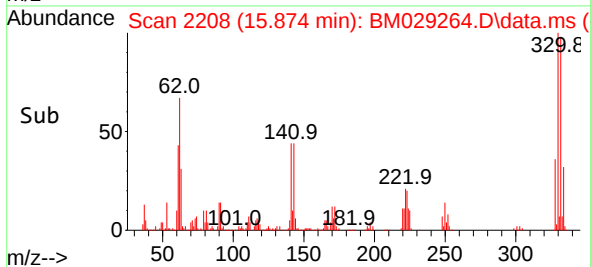
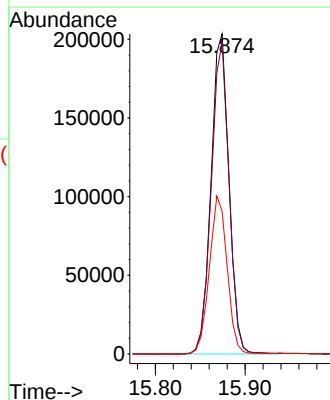
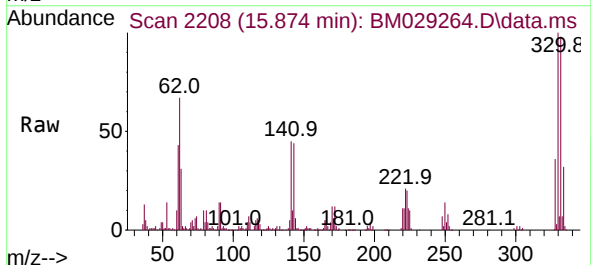
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

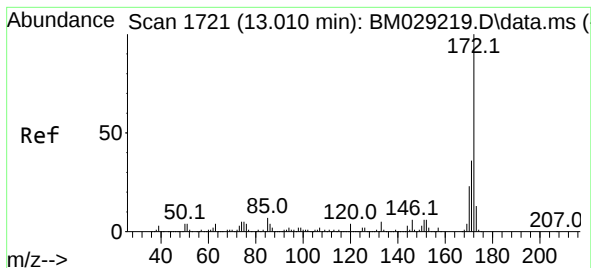
Tgt Ion:164 Resp: 333251
Ion Ratio Lower Upper
164 100
162 105.7 84.4 126.6
160 45.8 36.6 54.8



#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

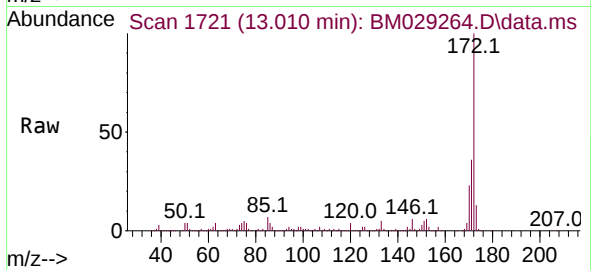
Tgt Ion:330 Resp: 282647
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 49.0 39.2 58.8



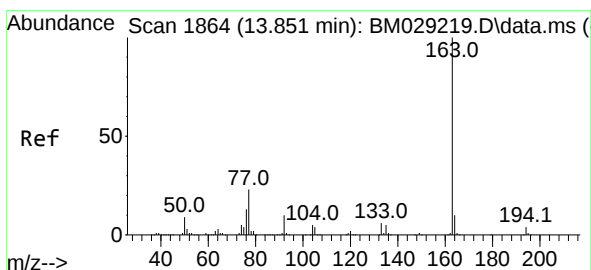
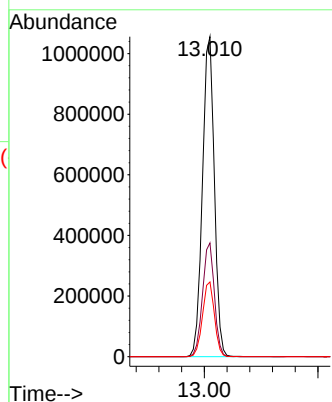
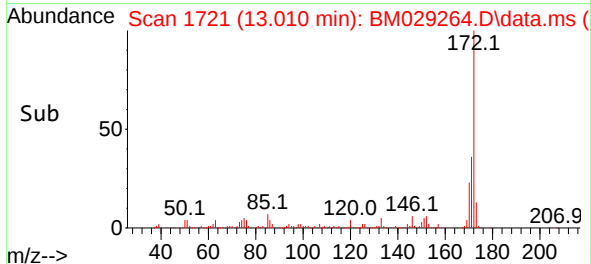


#45
2-Fluorobiphenyl
Concen: 65.27 ng
RT: 13.010 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

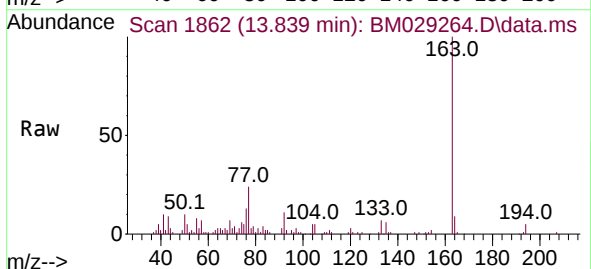
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BNA_M
ClientSampleId :
FS-SB13(5-6)



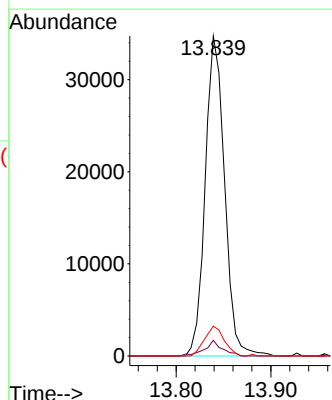
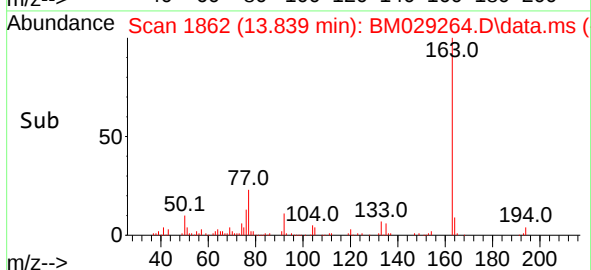
Tgt Ion:172 Resp: 1533569
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.8 28.2

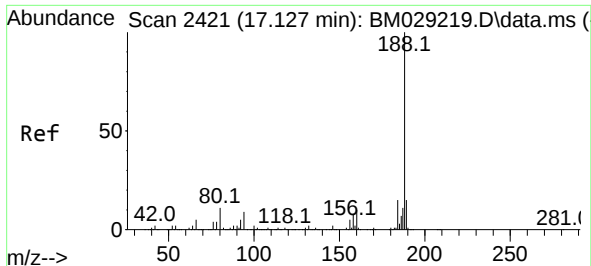


#50
Dimethylphthalate
Concen: 2.11 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11



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

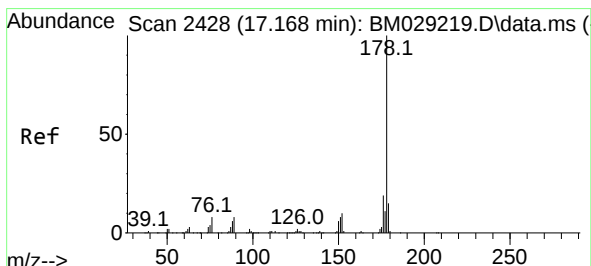
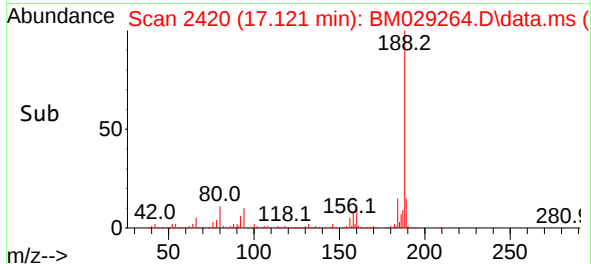
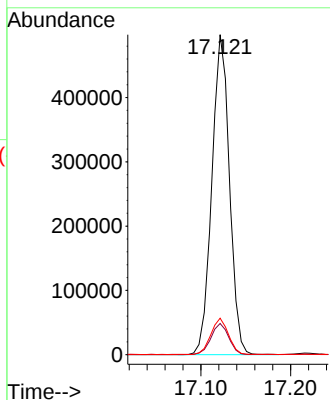
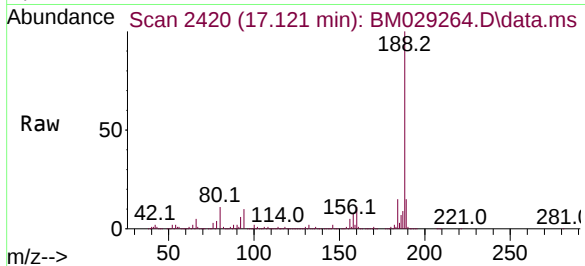




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

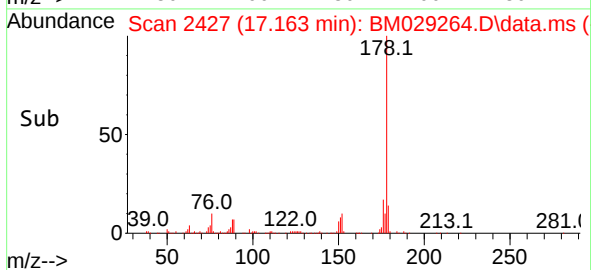
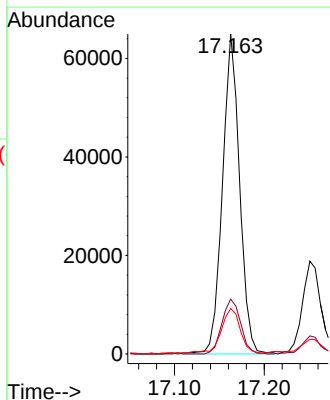
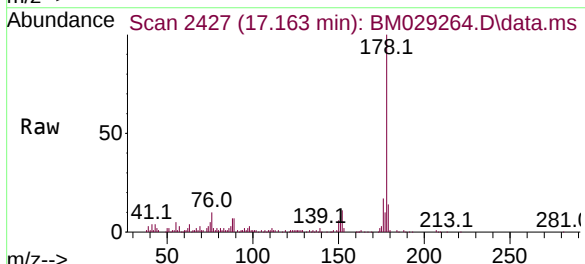
Instrument :
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FS-SB13(5-6)

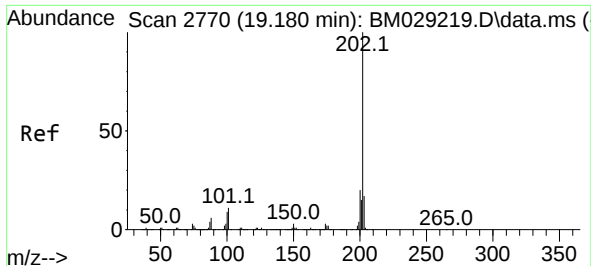
Tgt Ion:188 Resp: 677125
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 11.4 9.2 13.8



#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

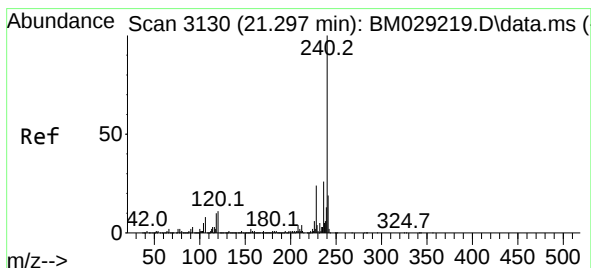
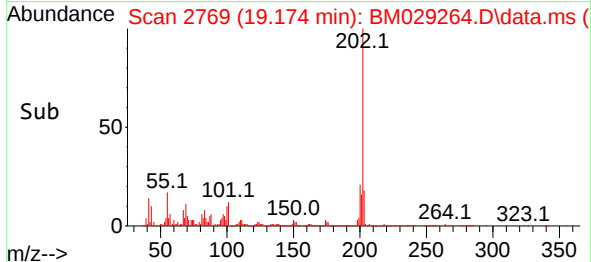
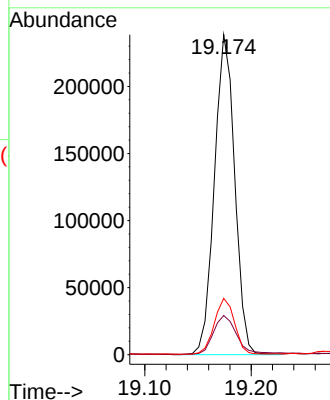
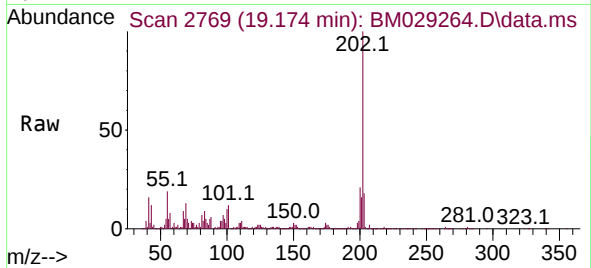




#75
Fluoranthene
Concen: 7.27 ng
RT: 19.174 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

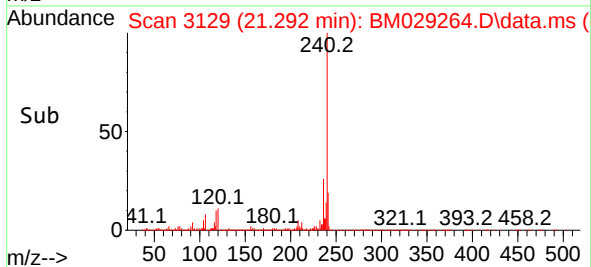
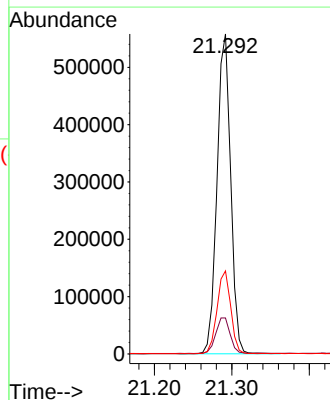
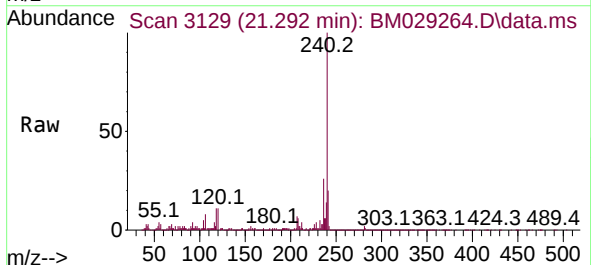
Instrument :
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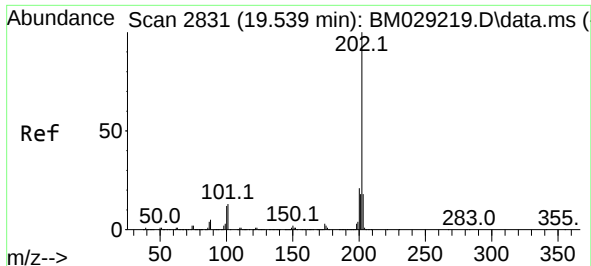
Tgt Ion:202 Resp: 315563
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.5
203 17.6 0.0 37.7



#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

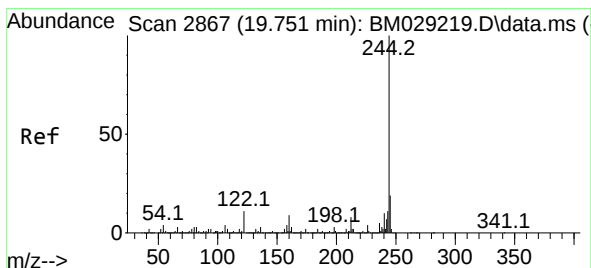
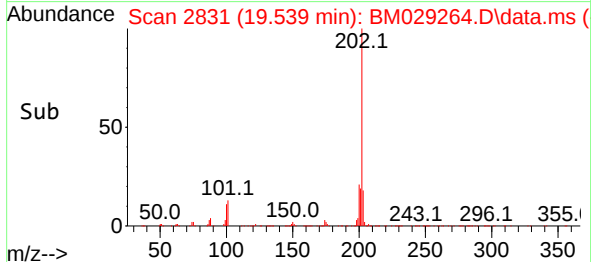
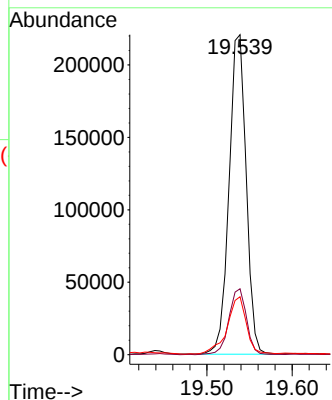
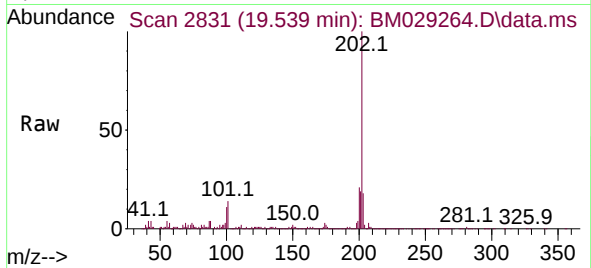




#78
Pyrene
Concen: 6.68 ng
RT: 19.539 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

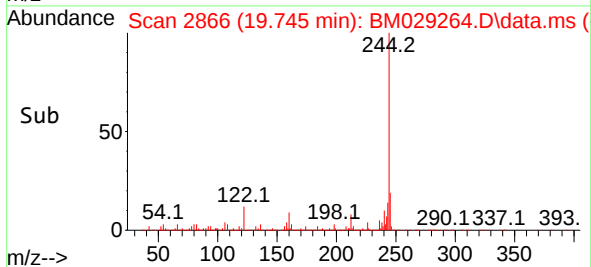
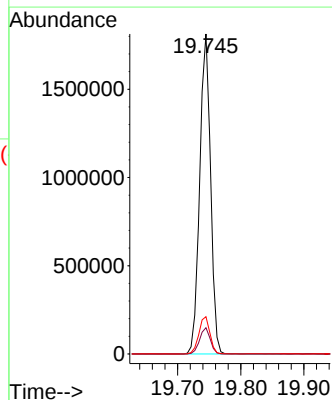
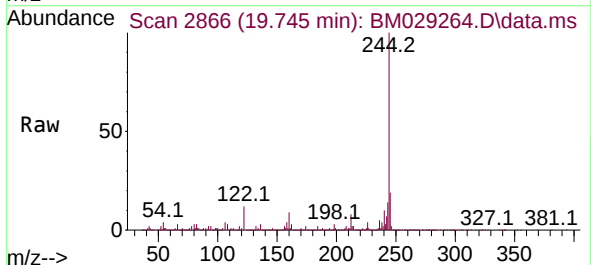
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

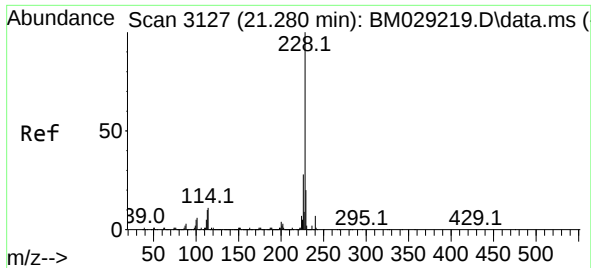
Tgt Ion:202 Resp: 307897
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 18.1 14.1 21.1



#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

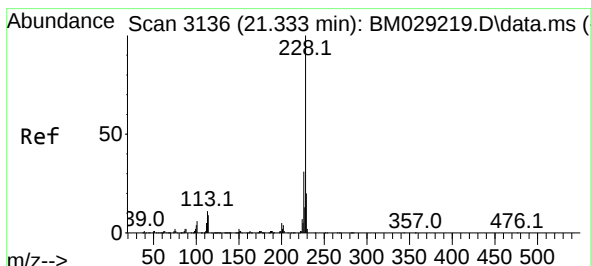
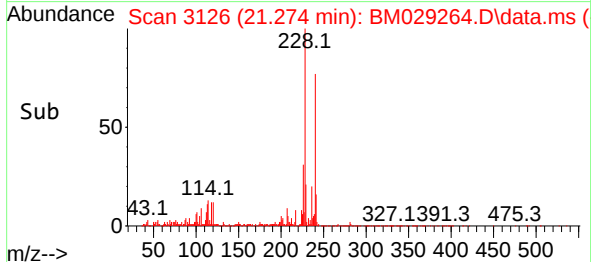
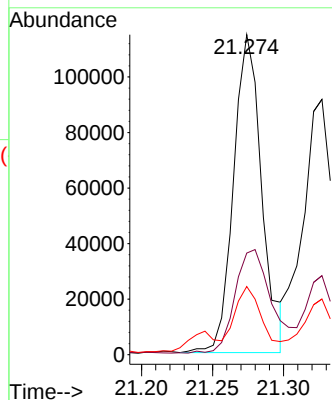
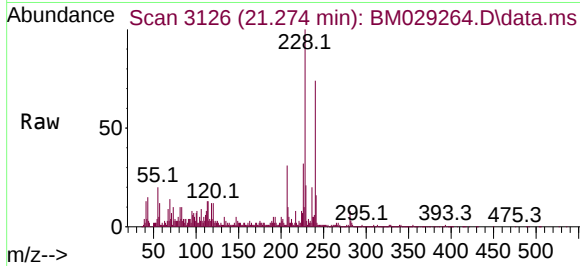




#81
Benzo(a)anthracene
Concen: 3.57 ng
RT: 21.274 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

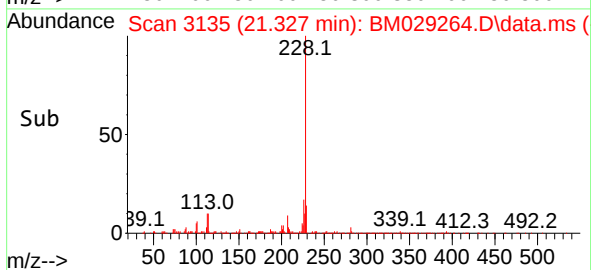
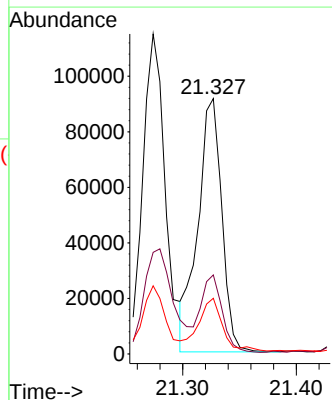
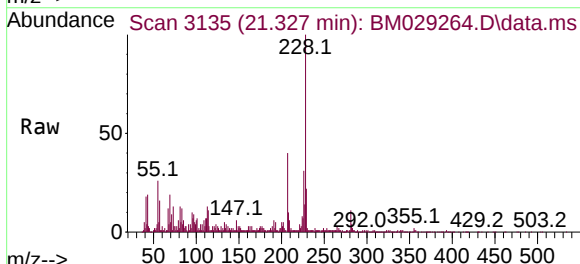
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

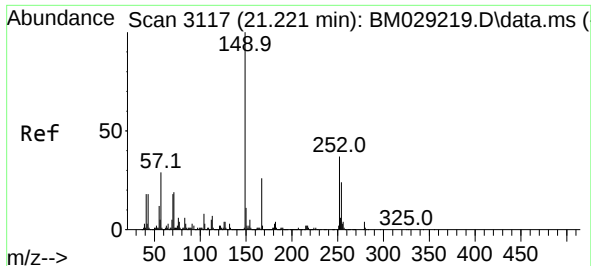
Tgt Ion:228 Resp: 158815
Ion Ratio Lower Upper
228 100
226 31.7 21.9 32.9
229 21.3 15.7 23.5



#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

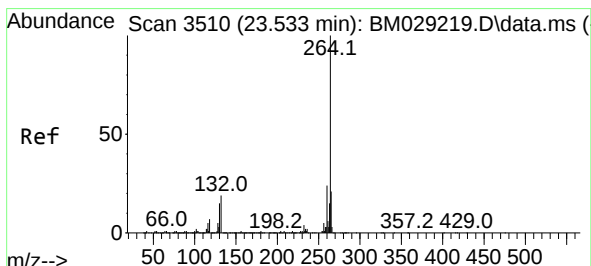
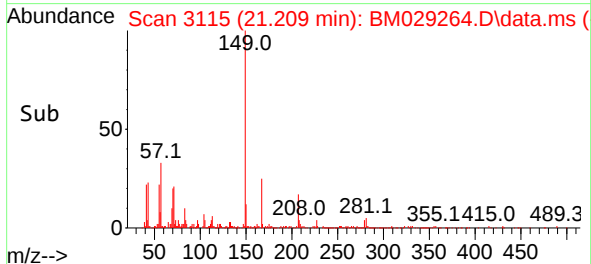
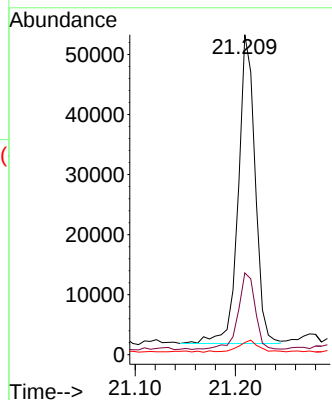
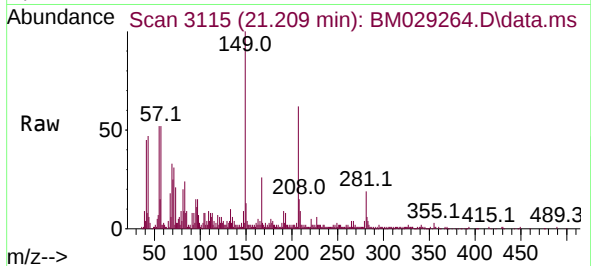




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.77 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

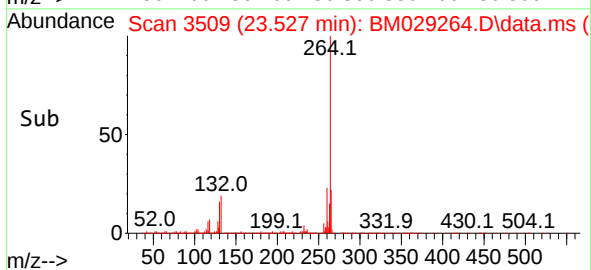
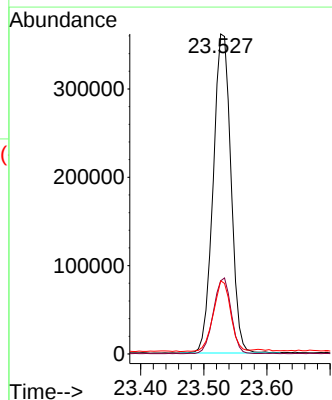
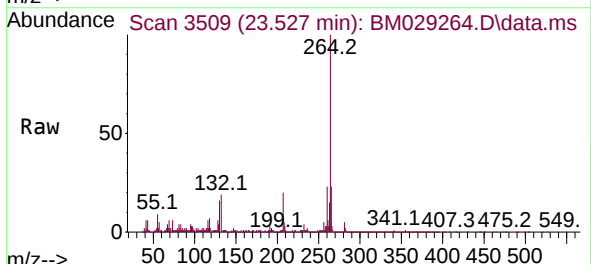
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

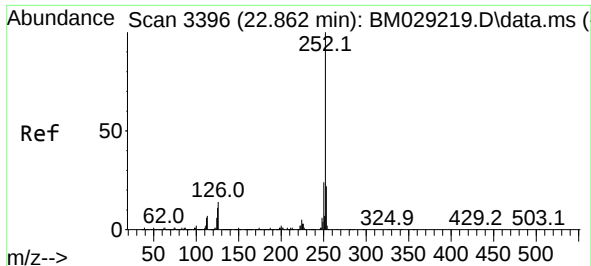
Tgt Ion:149 Resp: 60259
Ion Ratio Lower Upper
149 100
167 25.6 20.6 31.0
279 3.8 3.3 4.9



#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

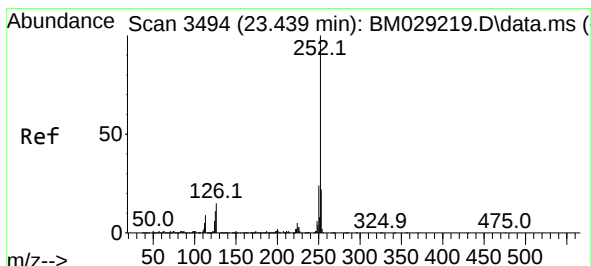
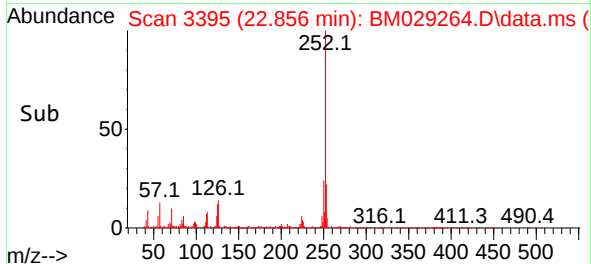
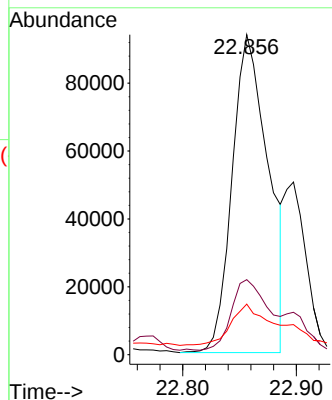
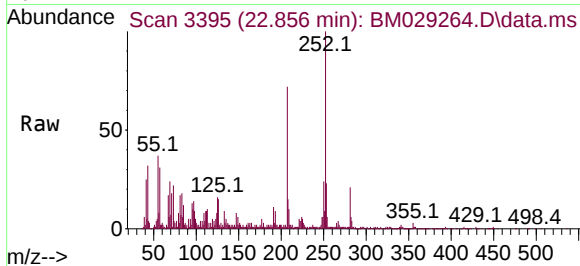




#88
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 22.856 min Scan# 3395
Delta R.T. 0.012 min
Lab File: BM029264.D
Acq: 30 Mar 2021 03:11

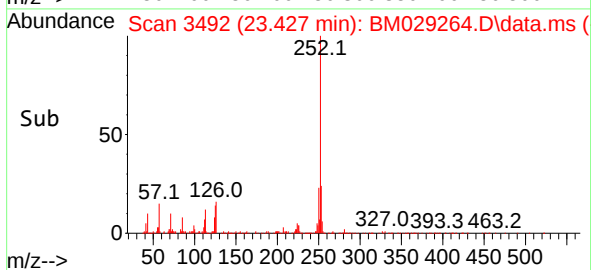
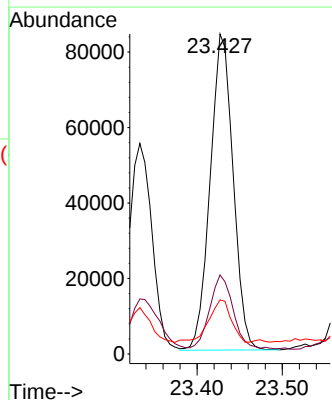
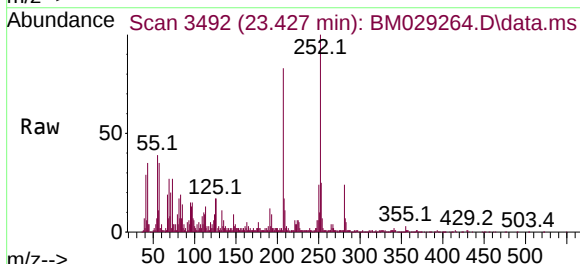
Instrument :
BNA_M
ClientSampleId :
FS-SB13(5-6)

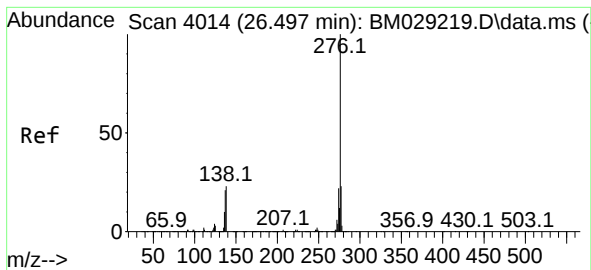
Tgt Ion:252 Resp: 207232
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 15.8 9.0 13.4#



#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

