

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
 Data File : BM028634.D
 Acq On : 02 Feb 2021 22:12
 Operator : CG/JU
 Sample : M1286-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ BH 03_2-4

Quant Time: Feb 02 23:43:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

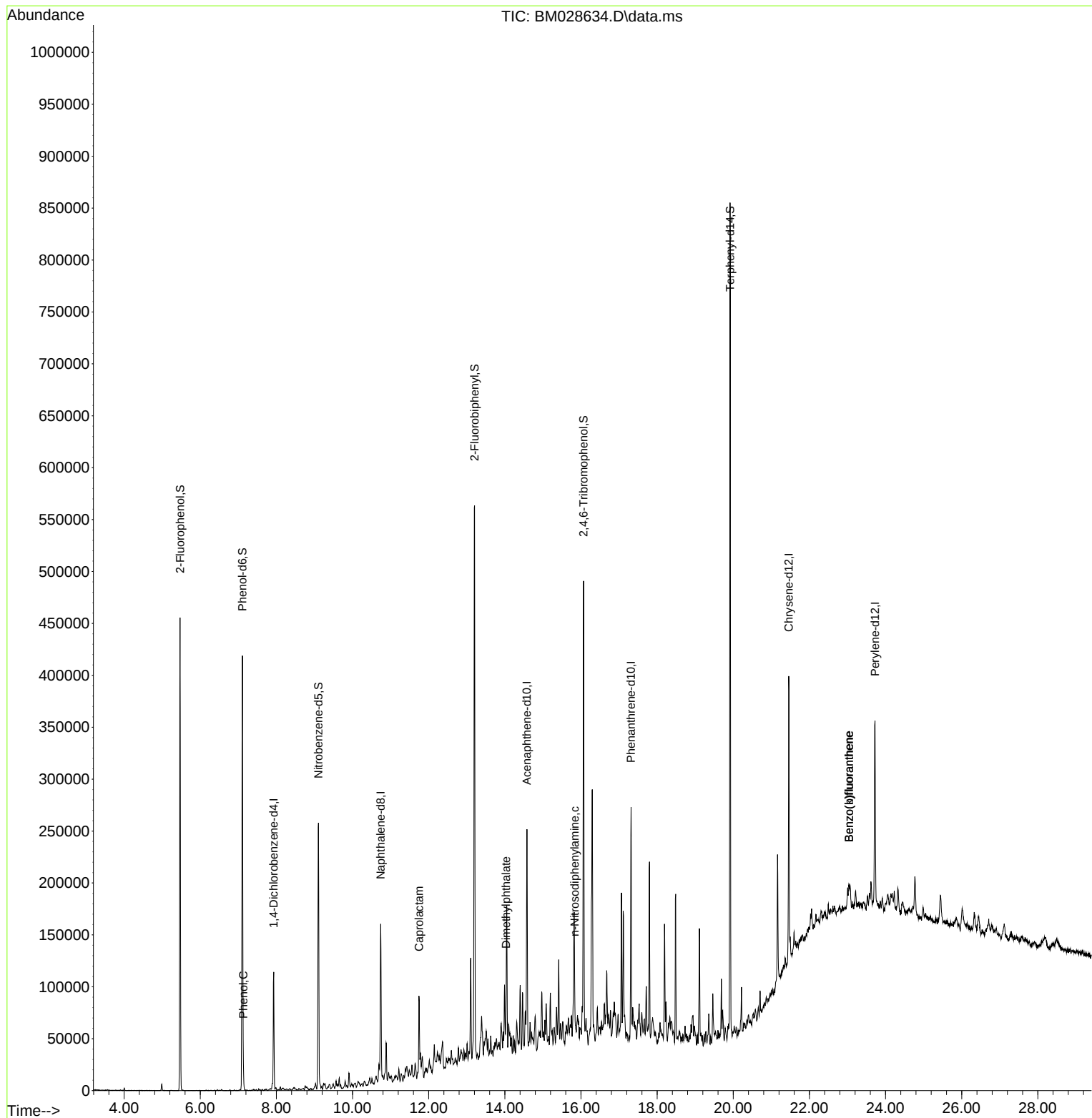
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	30743	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	115619	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	61795	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	118990	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	116923	20.00	ng	#-0.01
86) Perylene-d12	23.721	264	120636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	185193	95.16	ng	-0.01
7) Phenol-d6	7.104	99	227620	85.90	ng	-0.02
23) Nitrobenzene-d5	9.104	82	139859	57.37	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	73977	90.35	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	278736	56.59	ng	0.00
79) Terphenyl-d14	19.915	244	325538	50.28	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.134	94	8272	3.31	ng	86
35) Caprolactam	11.745	113	2978	4.98	ng	# 1
50) Dimethylphthalate	14.033	163	11315	2.23	ng	98
66) n-Nitrosodiphenylamine	15.833	169	12074	3.03	ng	# 46
88) Benzo(b)fluoranthene	23.039	252	21116	2.58	ng	# 74
89) Benzo(k)fluoranthene	23.039	252	21116	2.64	ng	# 74

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

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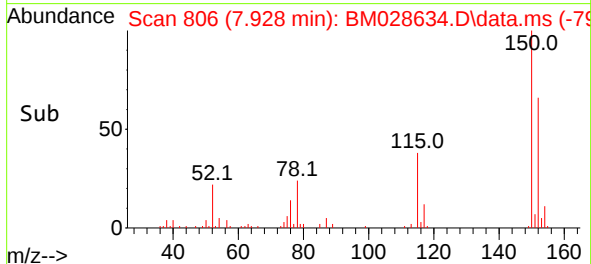
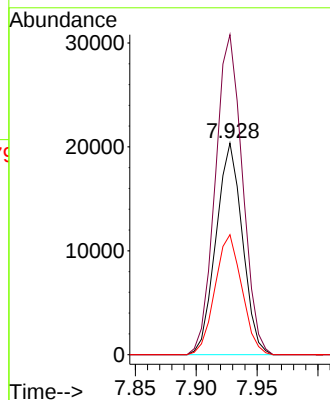
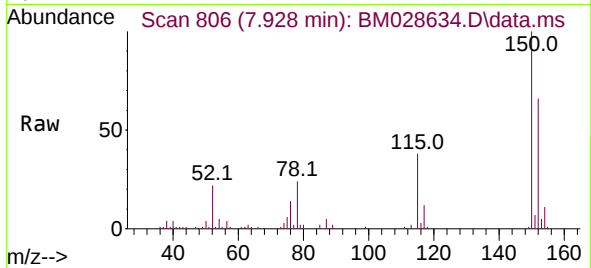




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

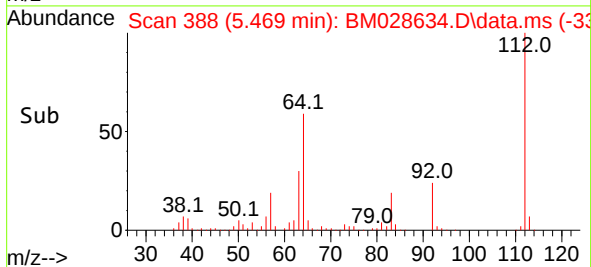
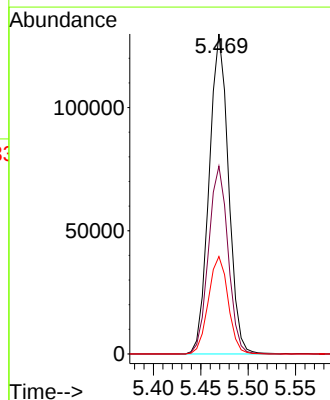
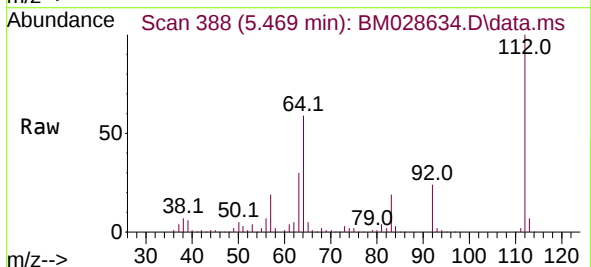
Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

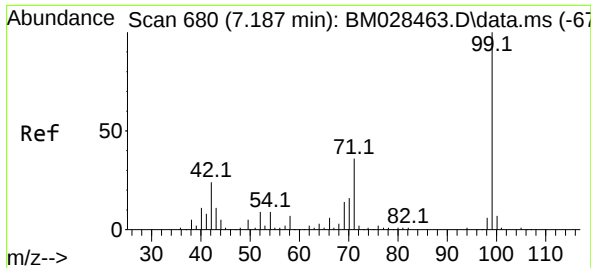
Tgt Ion:152 Resp: 30743
Ion Ratio Lower Upper
152 100
150 151.3 120.6 181.0
115 56.7 47.2 70.8



#5
2-Fluorophenol
Concen: 95.16 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:112 Resp: 185193
Ion Ratio Lower Upper
112 100
64 58.7 50.6 76.0
63 30.4 31.0 46.6#

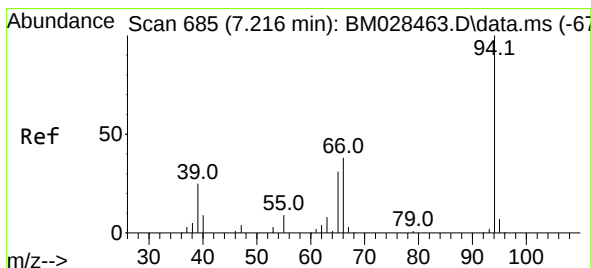
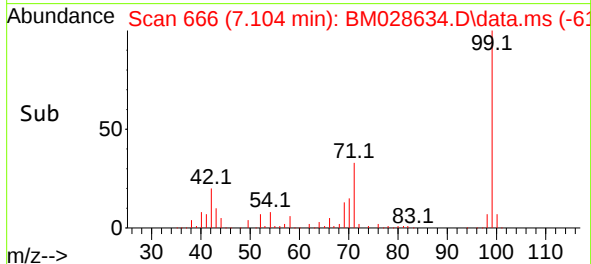
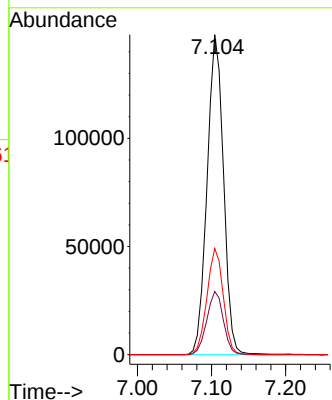
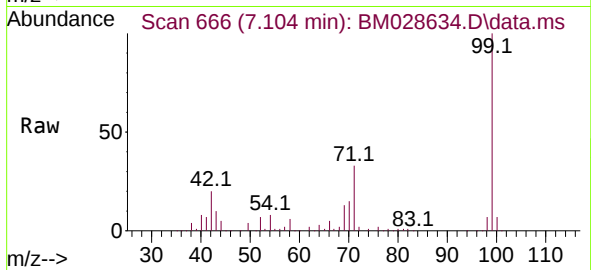




#7
Phenol-d6
Concen: 85.90 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

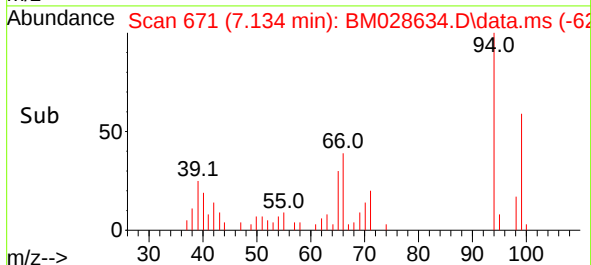
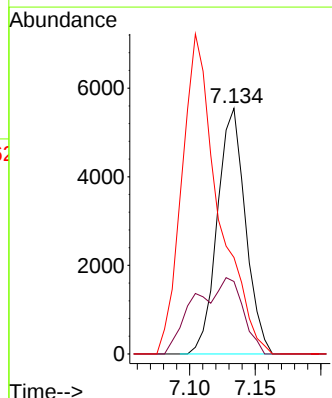
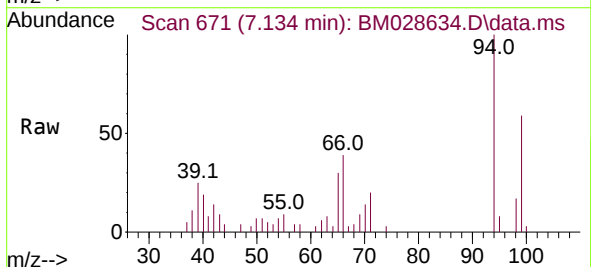
Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

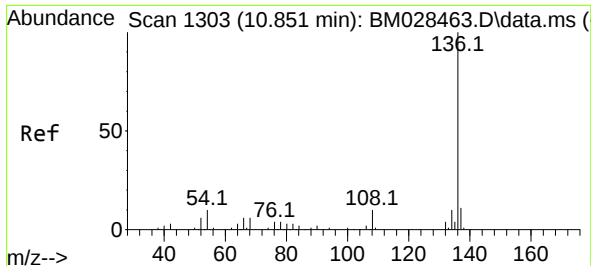
Tgt Ion: 99 Resp: 227620
Ion Ratio Lower Upper
99 100
42 19.8 13.5 20.3
71 33.2 39.4 59.0#



#10
Phenol
Concen: 3.31 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion: 94 Resp: 8272
Ion Ratio Lower Upper
94 100
65 29.5 16.4 56.4
66 39.3 30.2 70.2

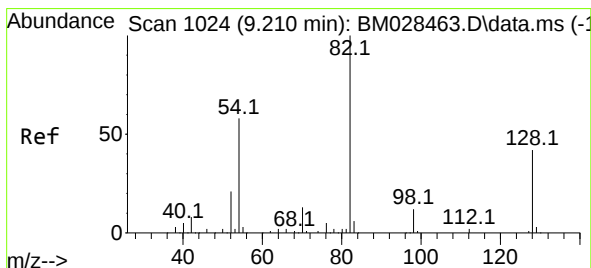
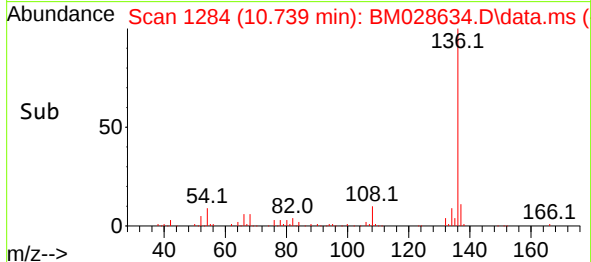
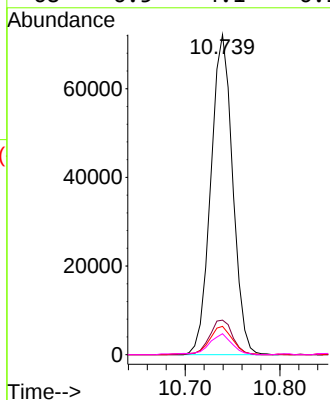
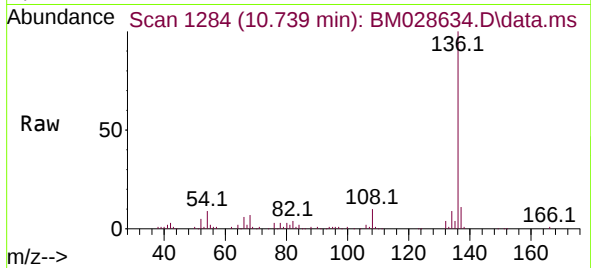




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

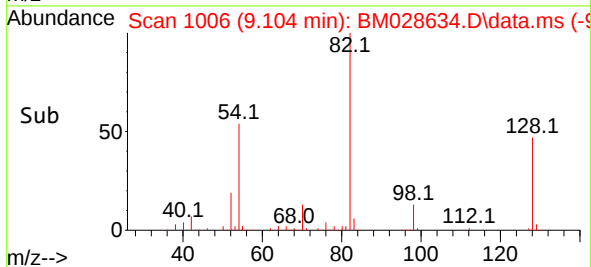
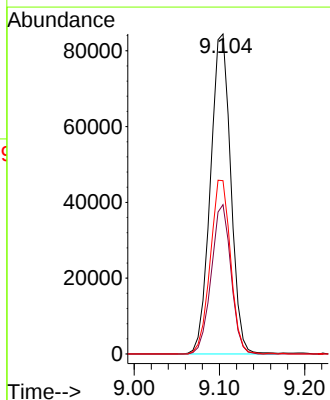
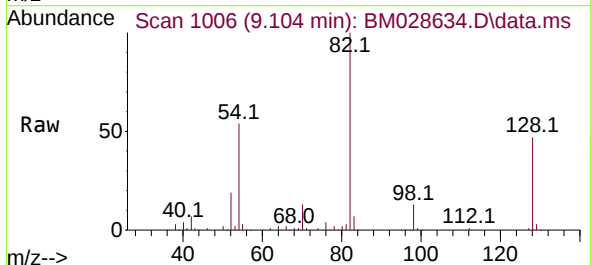
Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

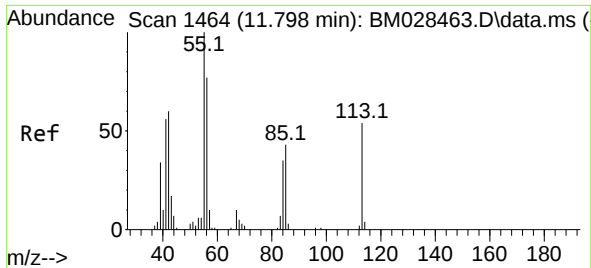
Tgt Ion:	136	Resp:	115619
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.8	4.6	7.0#
68	6.5	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 57.37 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:	82	Resp:	139859
Ion	Ratio	Lower	Upper
82	100		
128	46.7	27.4	41.0#
54	54.1	31.4	47.0#

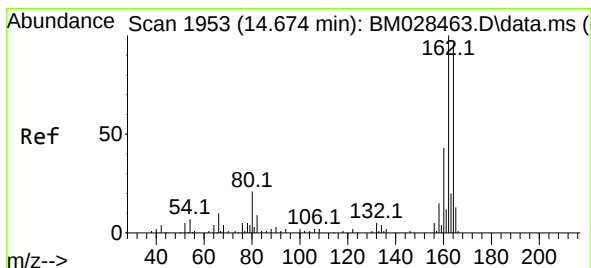
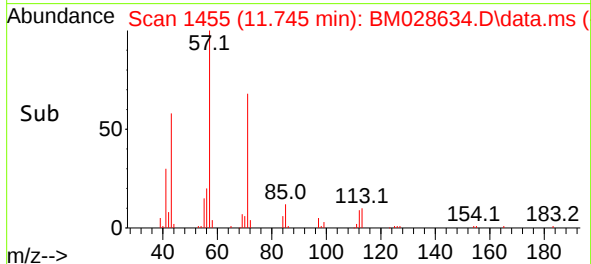
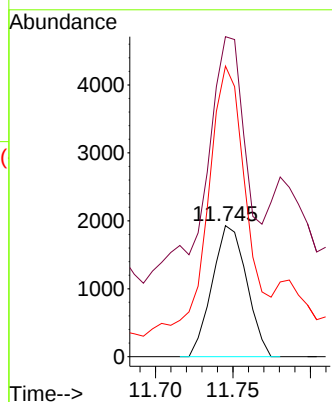
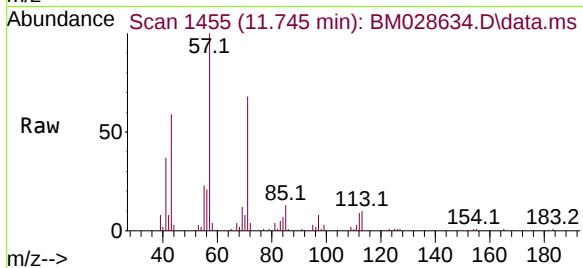




#35
Caprolactam
Concen: 4.98 ng
RT: 11.745 min Scan# 1455
Delta R.T. 0.029 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

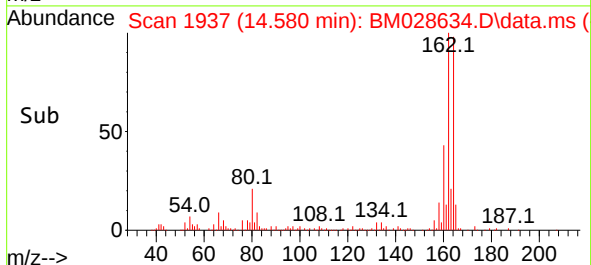
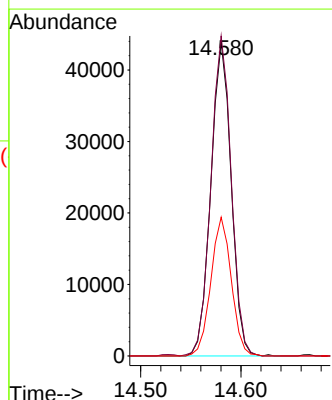
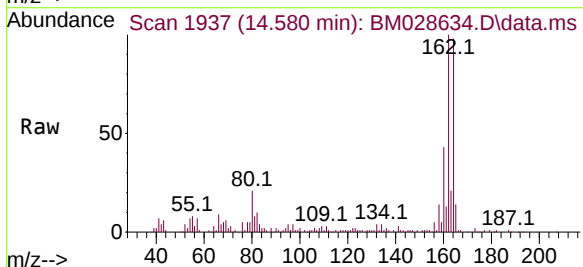
Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

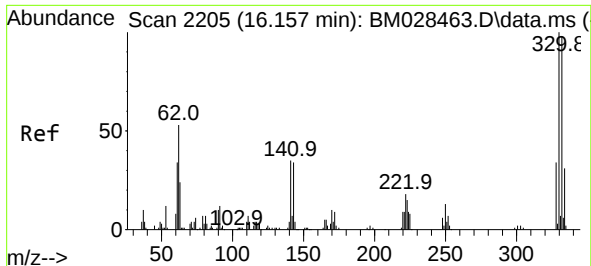
Tgt Ion:113 Resp: 2978
Ion Ratio Lower Upper
113 100
55 244.3 103.2 143.2#
56 221.8 84.2 124.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:164 Resp: 61795
Ion Ratio Lower Upper
164 100
162 102.0 80.4 120.6
160 44.2 35.9 53.9

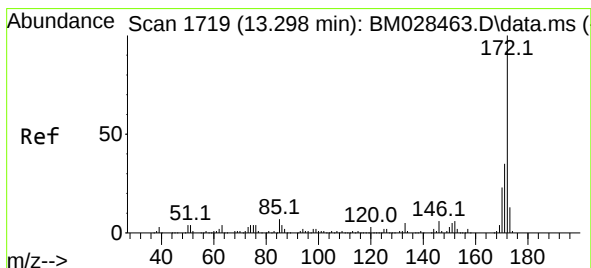
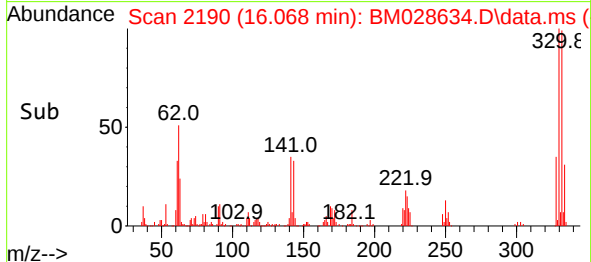
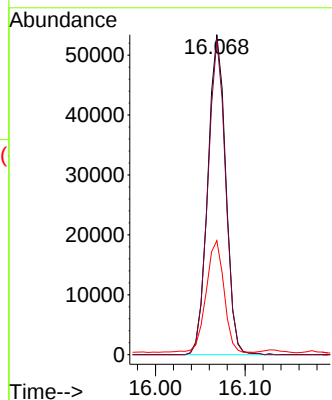
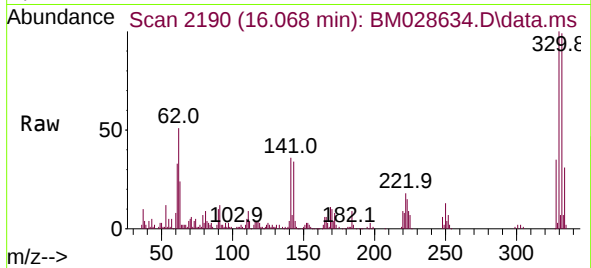




#42
2,4,6-Tribromophenol
Concen: 90.35 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

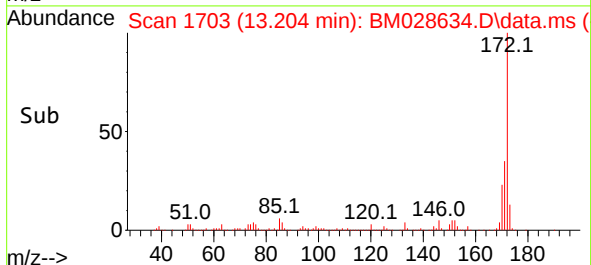
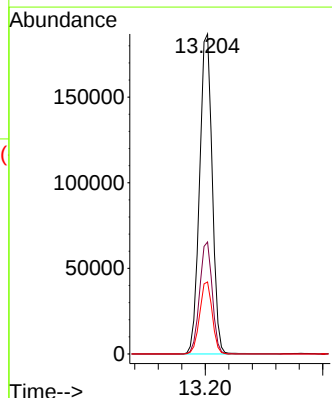
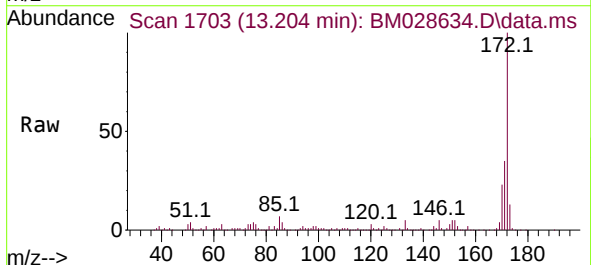
Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

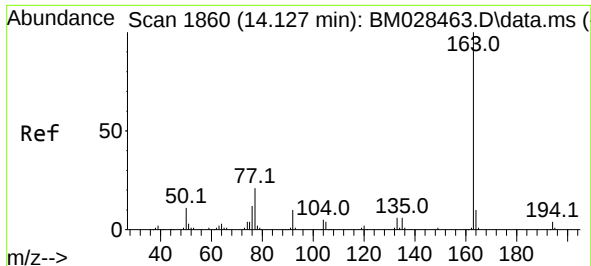
Tgt Ion:330 Resp: 73977
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 35.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 56.59 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:172 Resp: 278736
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.5 18.6 27.8

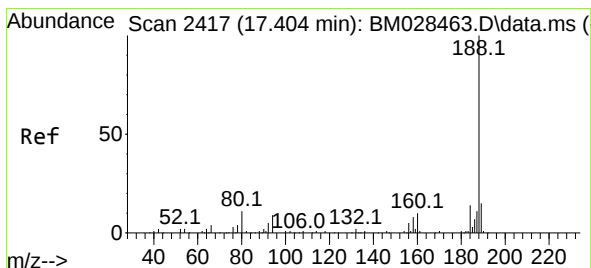
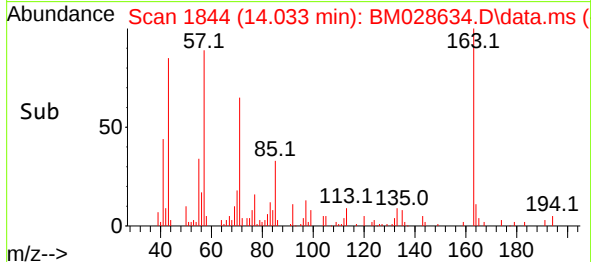
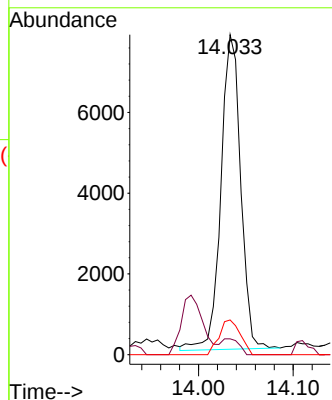
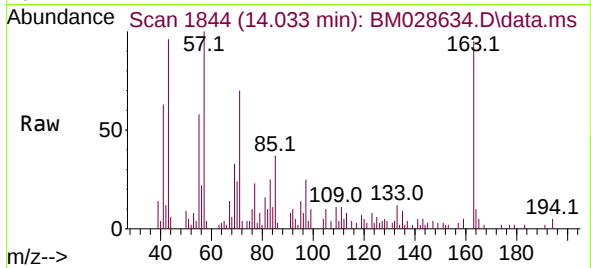




#50
Dimethylphthalate
Concen: 2.23 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

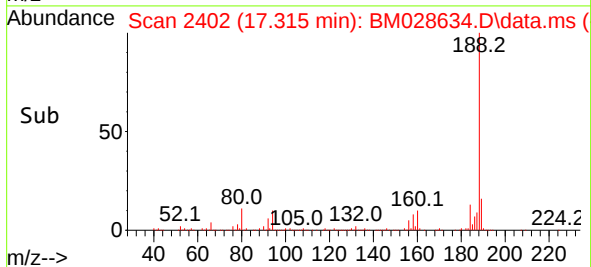
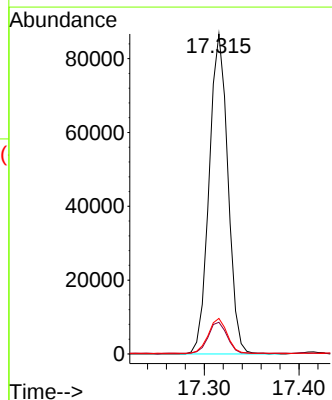
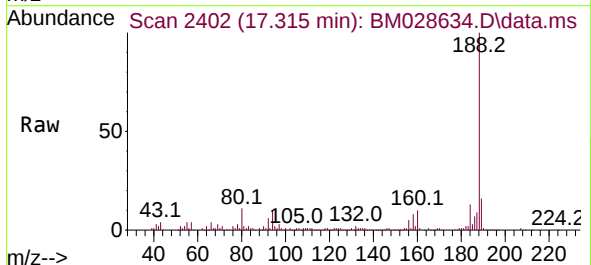
Instrument :
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ClientSampleId :
JJ_BH_03_2-4

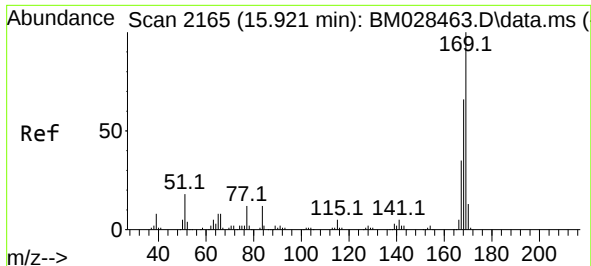
Tgt Ion:163 Resp: 11315
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:188 Resp: 118990
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.4#
80 11.1 7.5 11.3

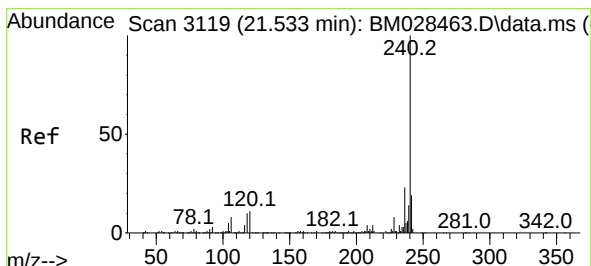
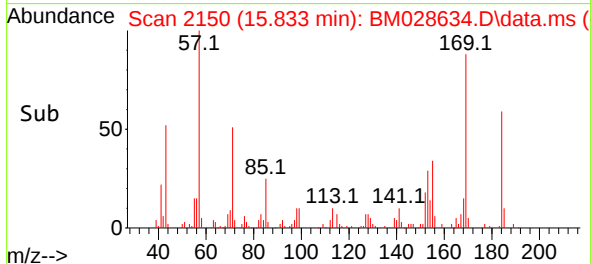
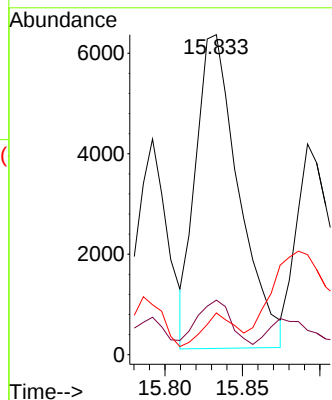
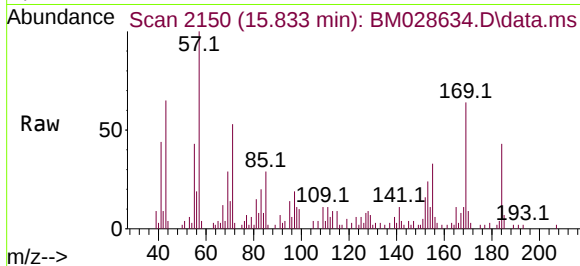




#66
n-Nitrosodiphenylamine
Concen: 3.03 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

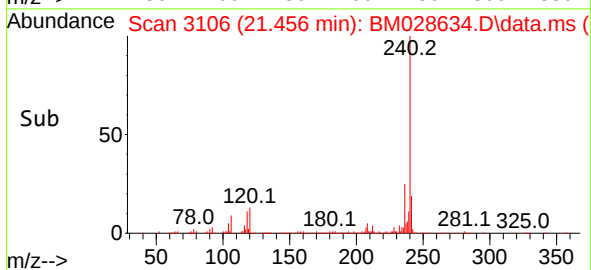
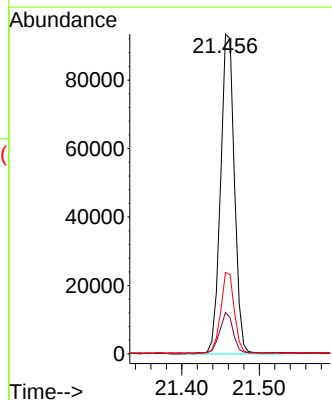
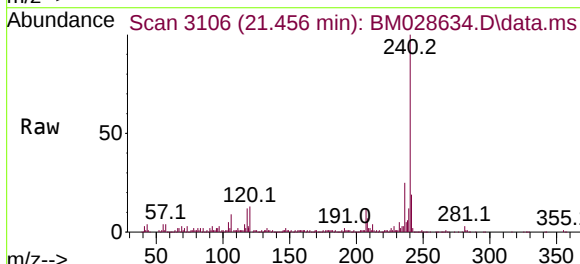
Instrument :
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JJ_BH_03_2-4

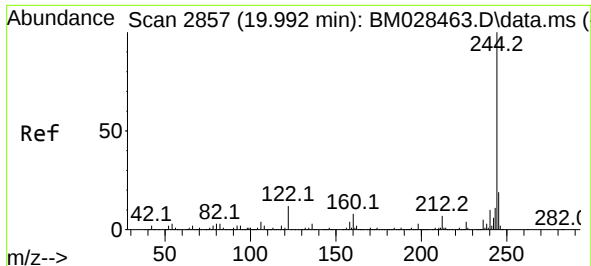
Tgt Ion:169 Resp: 12074
Ion Ratio Lower Upper
169 100
168 17.1 53.8 80.8#
167 13.0 29.0 43.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

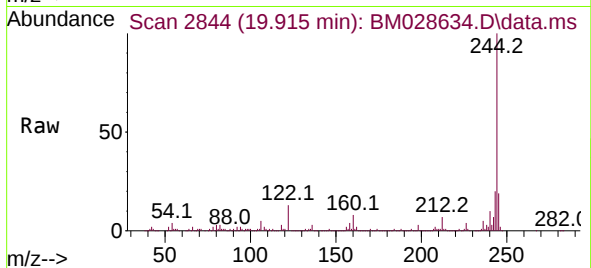
Tgt Ion:240 Resp: 116923
Ion Ratio Lower Upper
240 100
120 13.0 6.4 9.6#
236 25.4 20.1 30.1



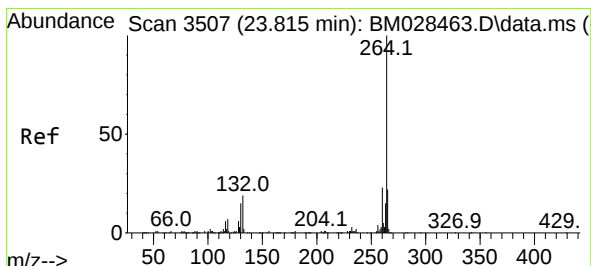
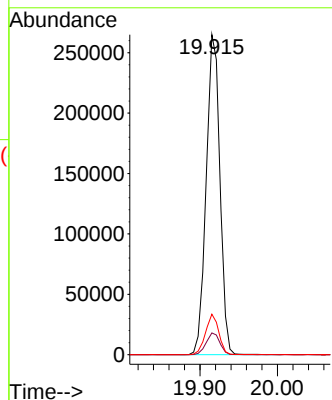
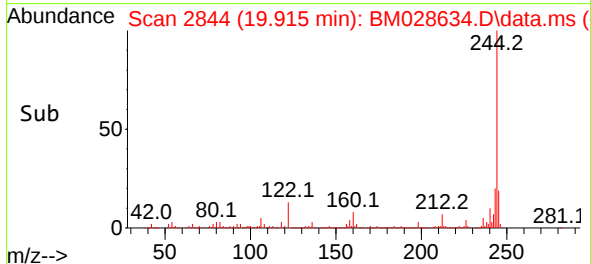


#79
 Terphenyl-d14
 Concen: 50.28 ng
 RT: 19.915 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM028634.D
 Acq: 02 Feb 2021 22:12

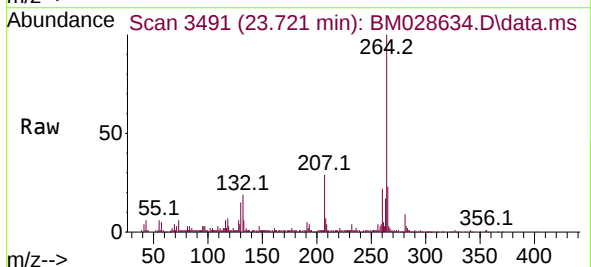
Instrument :
 BNA_M
 ClientSampleId :
 JJ_BH_03_2-4



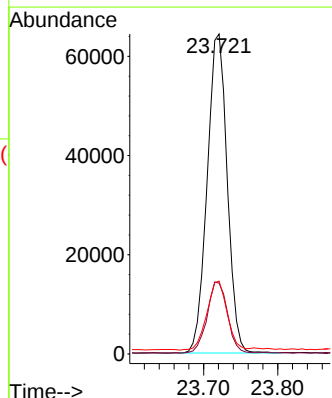
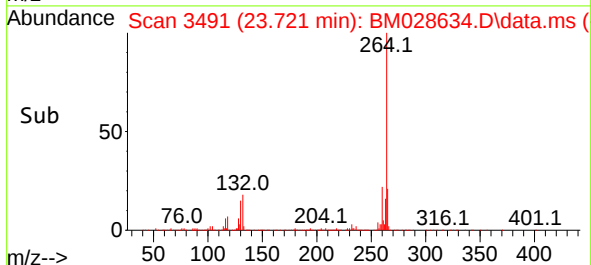
Tgt Ion:244 Resp: 325538
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.7 6.5 9.7#

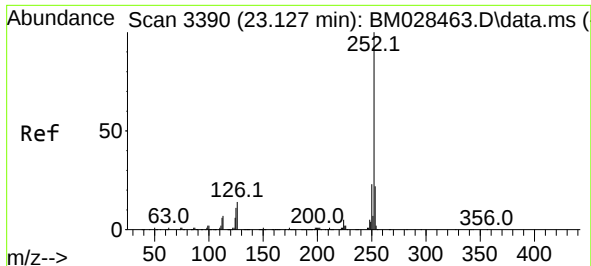


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.721 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM028634.D
 Acq: 02 Feb 2021 22:12



Tgt Ion:264 Resp: 120636
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.4
 265 22.7 17.7 26.5

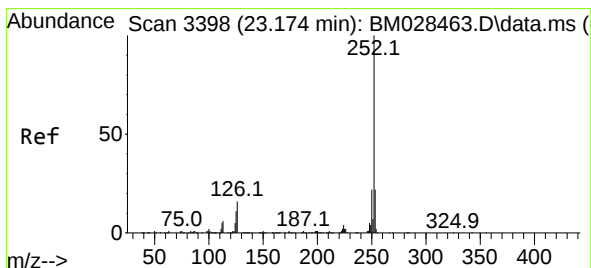
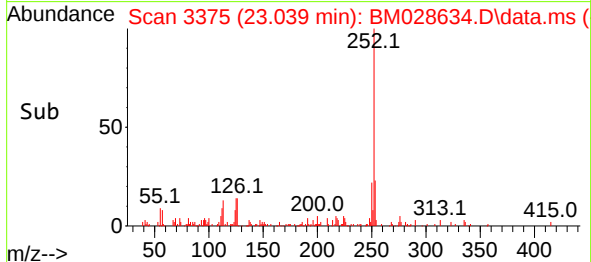
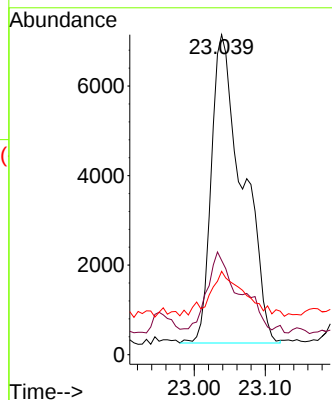
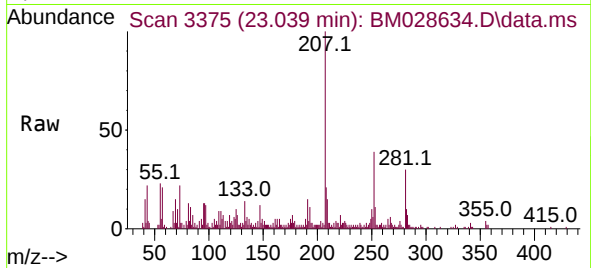




#88
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_2-4

Tgt Ion:252 Resp: 21116
Ion Ratio Lower Upper
252 100
253 29.5 17.4 26.0#
125 26.1 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 2.64 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.053 min
Lab File: BM028634.D
Acq: 02 Feb 2021 22:12

Tgt Ion:252 Resp: 21116
Ion Ratio Lower Upper
252 100
253 29.5 17.4 26.0#
125 26.1 5.6 8.4#

