

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037249.D
 Acq On : 26 Oct 2022 22:13
 Operator : CG/JU
 Sample : N5220-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HFI-CON-1020

Quant Time: Oct 27 07:52:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 04:49:27 2022
 Response via : Initial Calibration

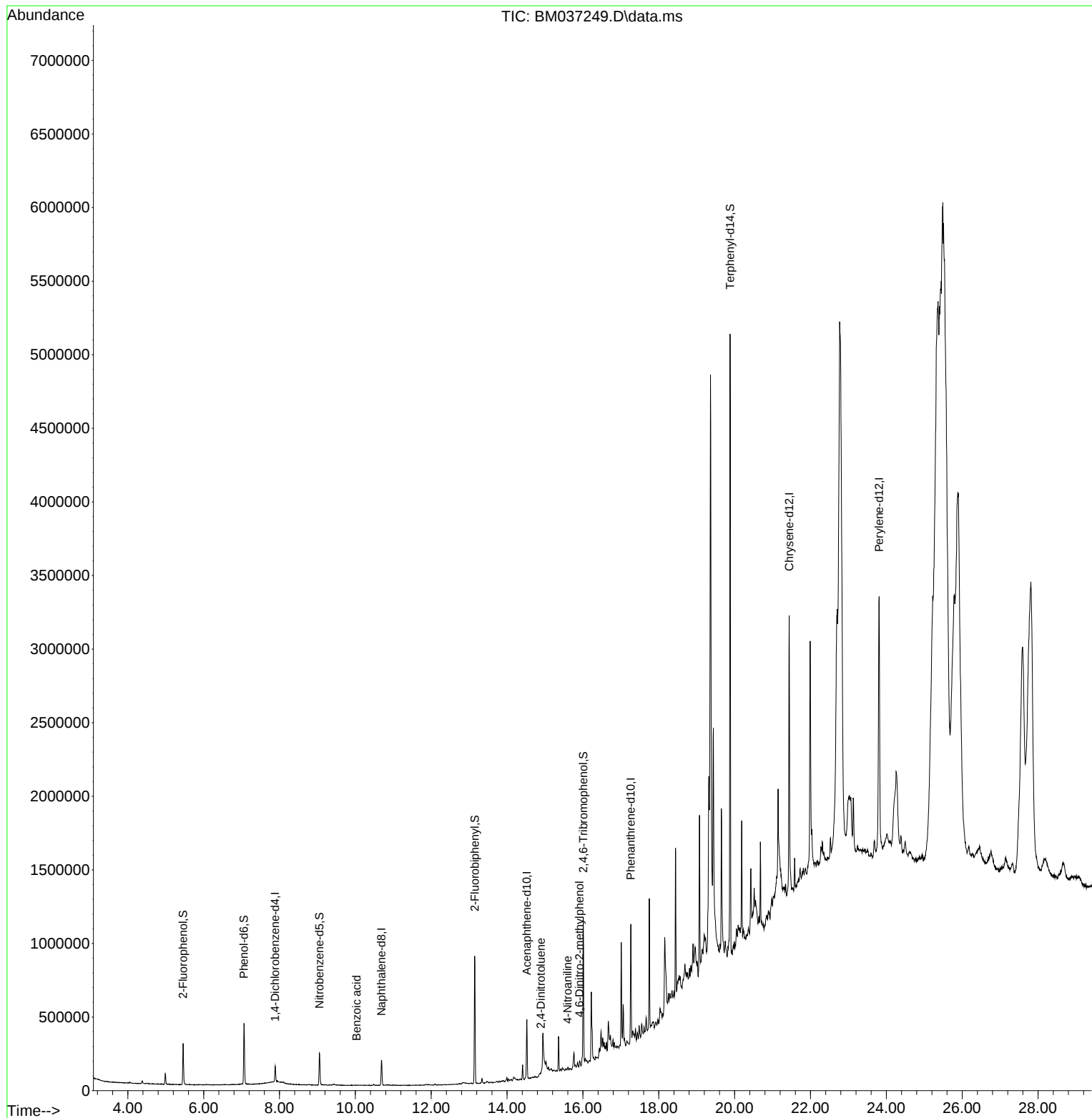
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	29928	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	149546	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	137178	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	458823	20.000	ng	0.00
76) Chrysene-d12	21.439	240	862448	20.000	ng	0.00
86) Perylene-d12	23.809	264	1251087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	140214	96.054	ng	0.00
7) Phenol-d6	7.063	99	257948	127.674	ng	0.00
23) Nitrobenzene-d5	9.051	82	130166	49.690	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	210451	123.759	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	461277	47.489	ng	0.00
79) Terphenyl-d14	19.880	244	2062173	48.914	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.034	122	60	6.451	ng	# 1
57) 2,4-Dinitrotoluene	14.892	165	187	2.472	ng	# 73
62) 4-Nitroaniline	15.598	138	209	2.444	ng	# 9
65) 4,6-Dinitro-2-methylph...	15.910	198	54	4.686	ng	# 1

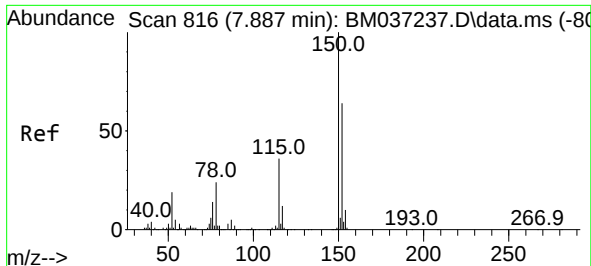
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037249.D
Acq On : 26 Oct 2022 22:13
Operator : CG/JU
Sample : N5220-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

Quant Time: Oct 27 07:52:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 04:49:27 2022
Response via : Initial Calibration

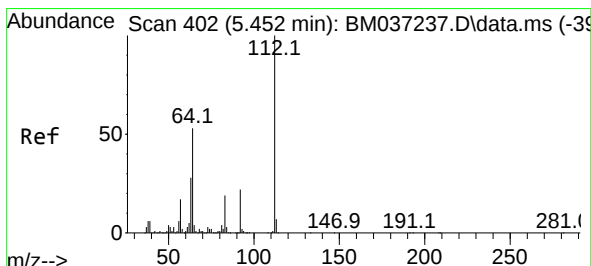
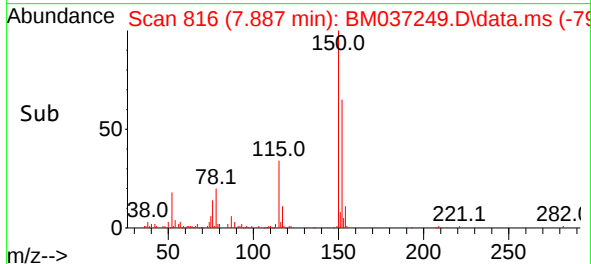
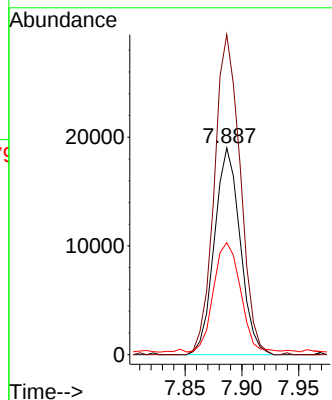
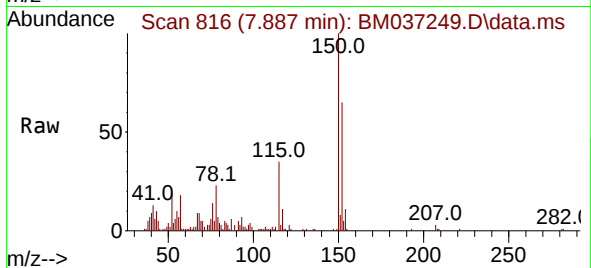




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

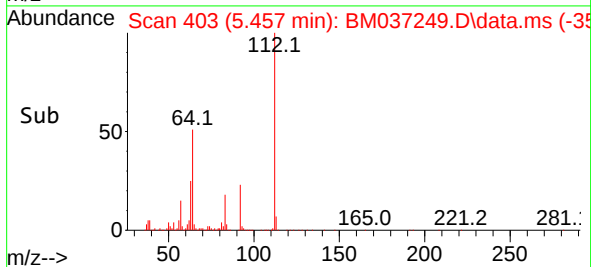
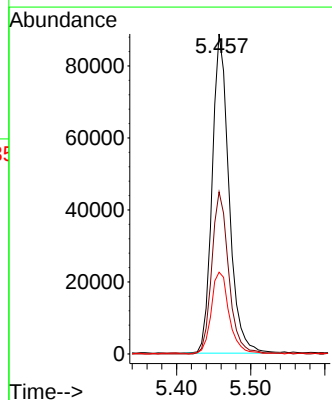
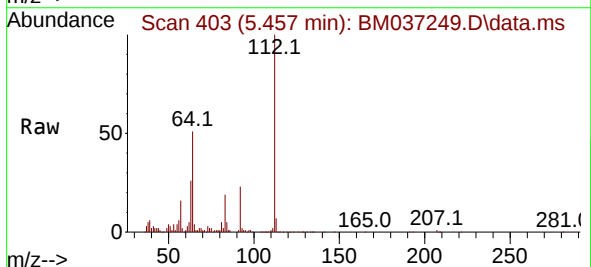
Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

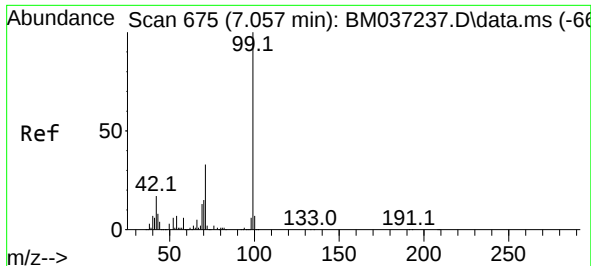
Tgt Ion:152 Resp: 29928
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 54.2 45.2 67.8



#5
2-Fluorophenol
Concen: 96.054 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.005 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

Tgt Ion:112 Resp: 140214
Ion Ratio Lower Upper
112 100
64 50.6 42.5 63.7
63 25.6 22.6 33.8

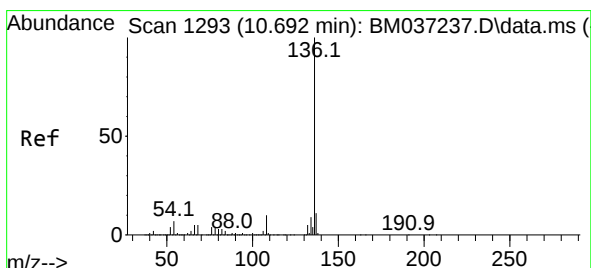
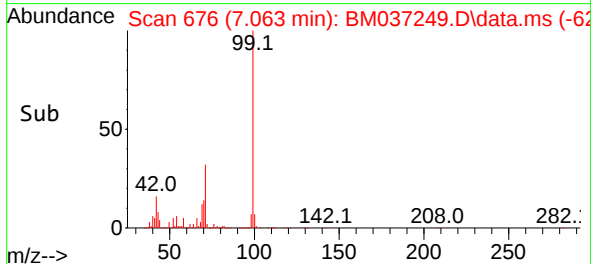
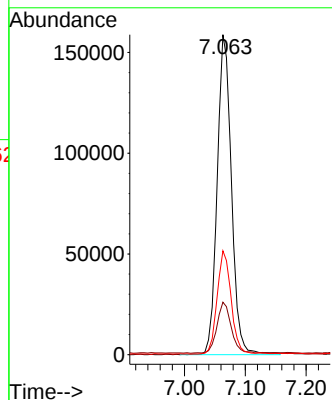
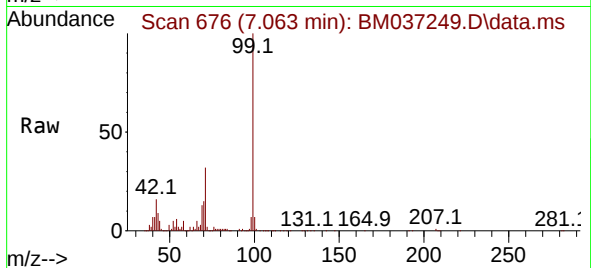




#7
Phenol-d6
Concen: 127.674 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

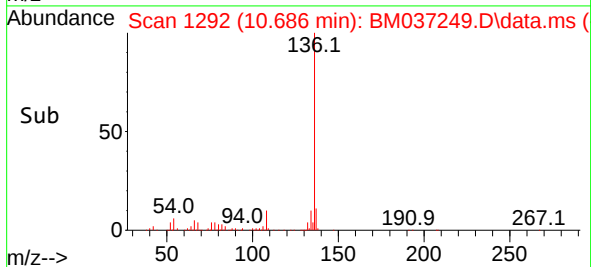
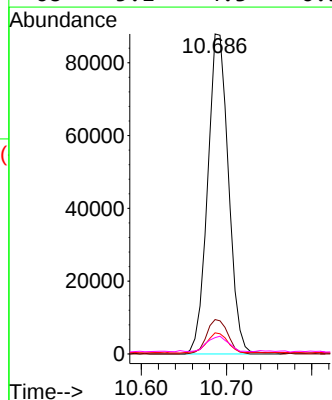
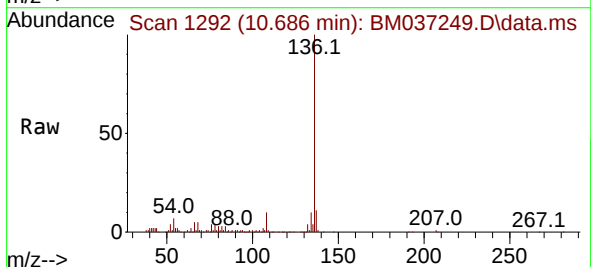
Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

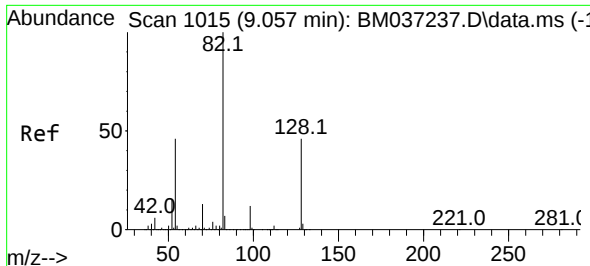
Tgt Ion: 99 Resp: 257948
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 32.5 26.5 39.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

Tgt Ion: 136 Resp: 149546
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 5.6 8.4
68 5.1 4.3 6.5

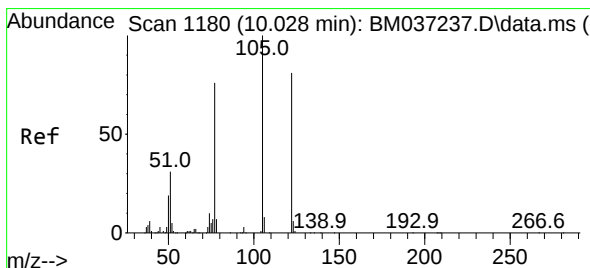
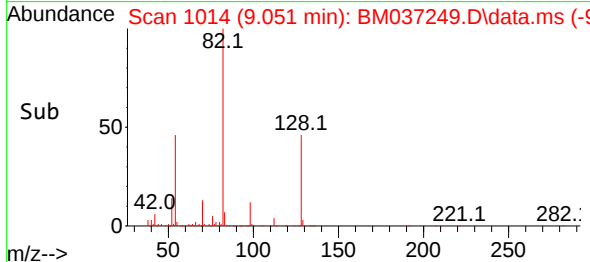
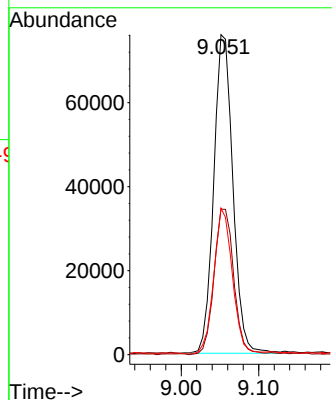
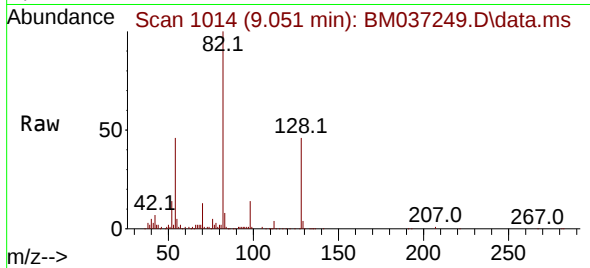




#23
Nitrobenzene-d5
Concen: 49.690 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

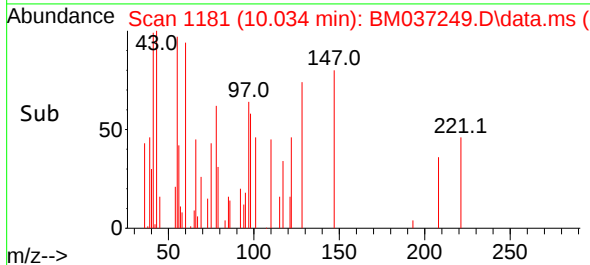
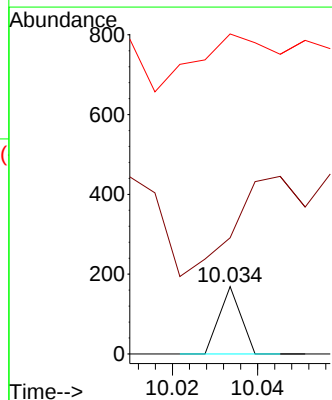
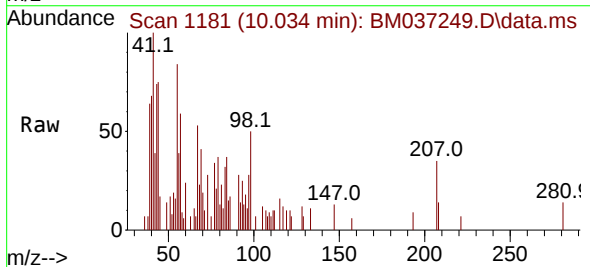
Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

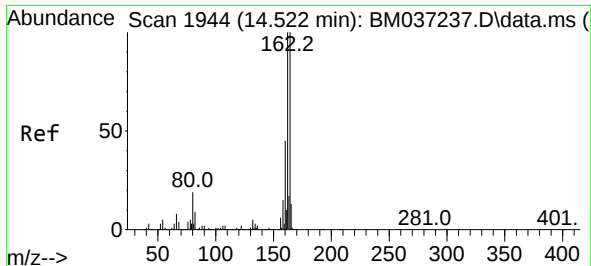
Tgt Ion: 82 Resp: 130166
Ion Ratio Lower Upper
82 100
128 45.5 36.7 55.1
54 45.8 36.6 55.0



#32
Benzoic acid
Concen: 6.451 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 172.2 99.1 139.1#
77 474.6 72.3 112.3#

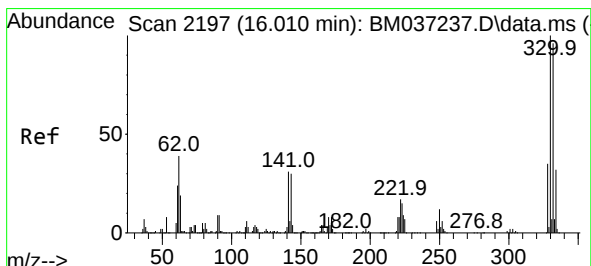
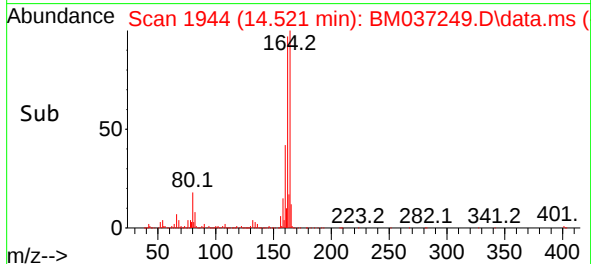
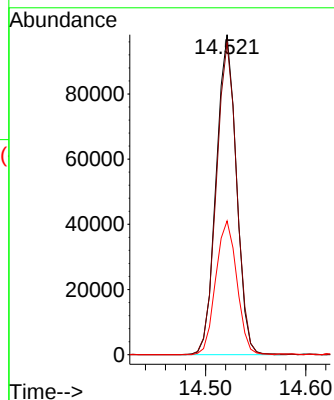
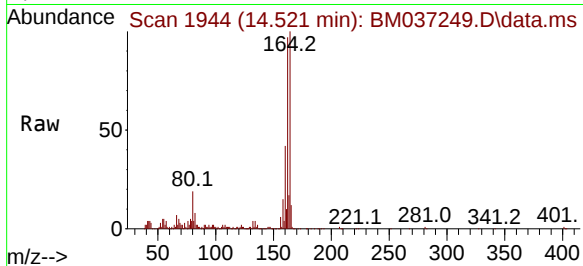




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.521 min Scan# 1944
 Delta R.T. -0.001 min
 Lab File: BM037249.D
 Acq: 26 Oct 2022 22:13

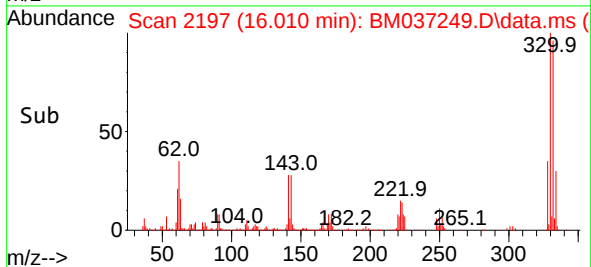
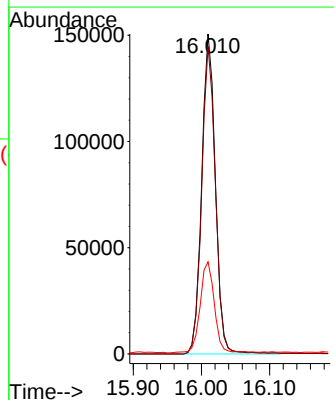
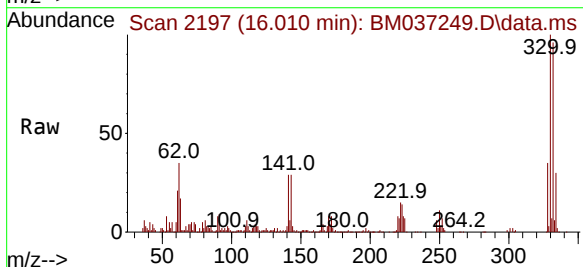
Instrument :
 BNA_M
 ClientSampleId :
 HFI-CON-1020

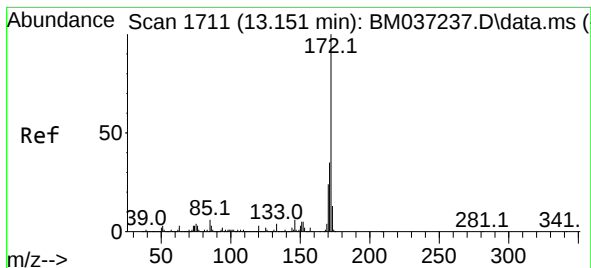
Tgt Ion:164 Resp: 137178
 Ion Ratio Lower Upper
 164 100
 162 97.5 80.0 120.0
 160 41.8 36.1 54.1



#42
 2,4,6-Tribromophenol
 Concen: 123.759 ng
 RT: 16.010 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BM037249.D
 Acq: 26 Oct 2022 22:13

Tgt Ion:330 Resp: 210451
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 29.4 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 47.489 ng

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037249.D

Acq: 26 Oct 2022 22:13

Instrument :

BNA_M

ClientSampleId :

HFI-CON-1020

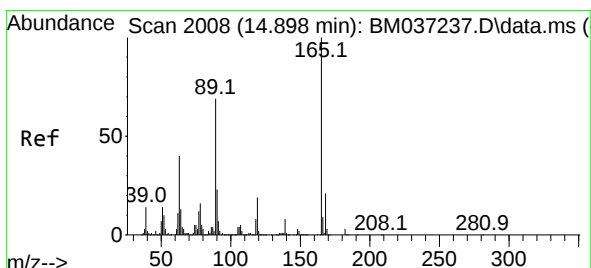
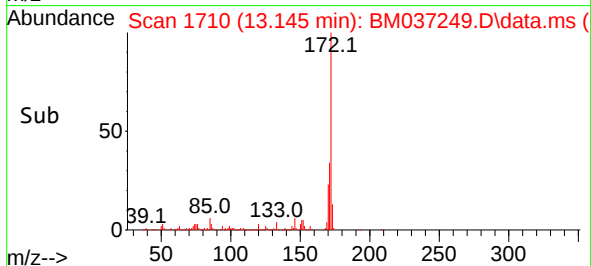
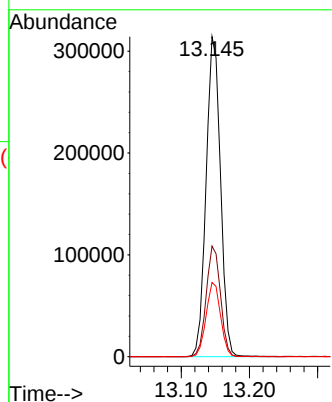
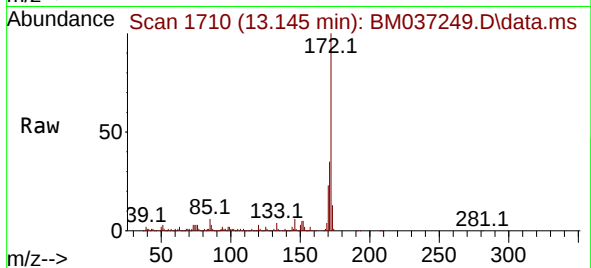
Tgt Ion:172 Resp: 461277

Ion Ratio Lower Upper

172 100

171 34.6 27.7 41.5

170 23.2 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.472 ng

RT: 14.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BM037249.D

Acq: 26 Oct 2022 22:13

Tgt Ion:165 Resp: 187

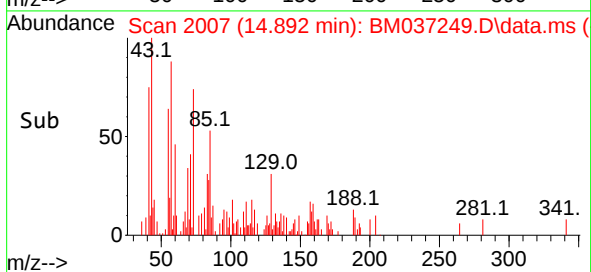
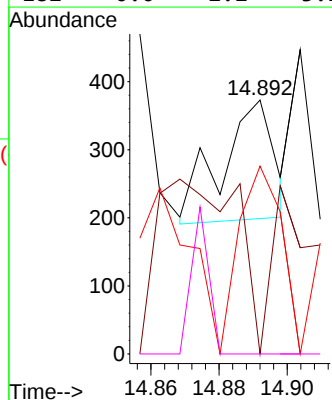
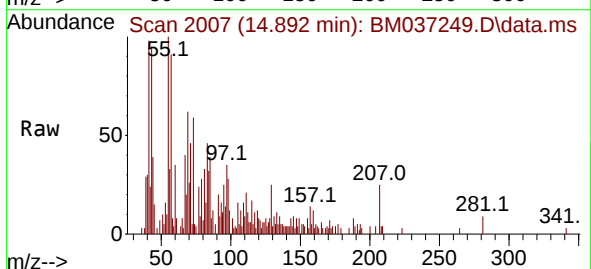
Ion Ratio Lower Upper

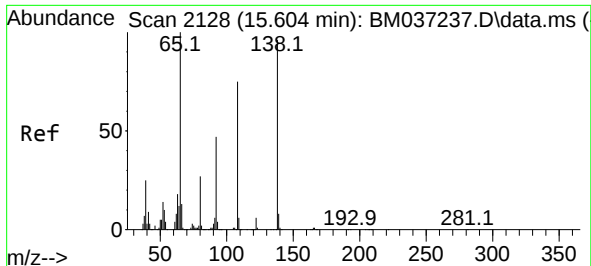
165 100

63 0.0 31.9 47.9#

89 74.0 55.0 82.4

182 0.0 2.2 3.2#

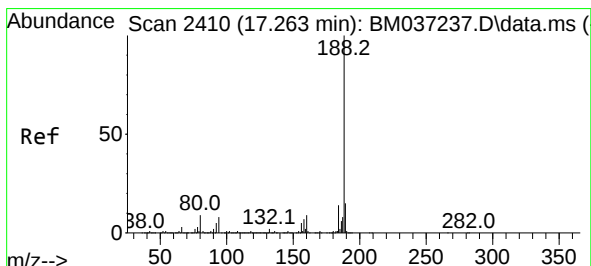
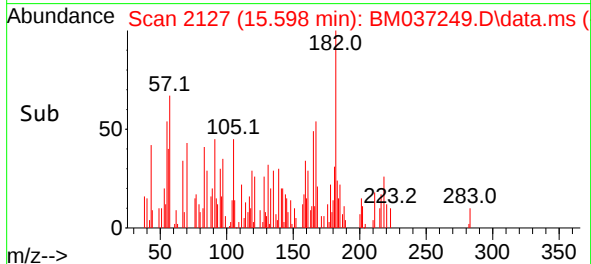
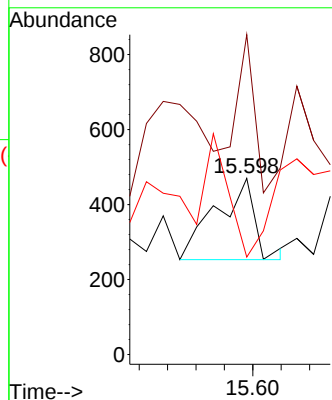
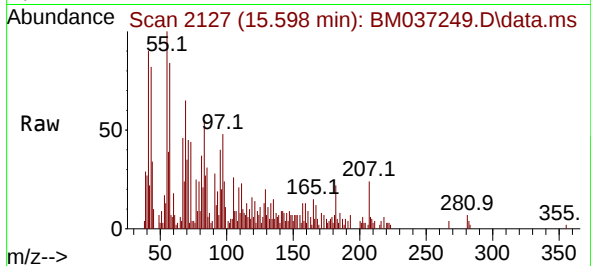




#62
4-Nitroaniline
Concen: 2.444 ng
RT: 15.598 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

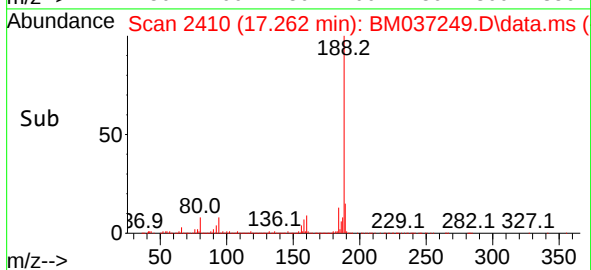
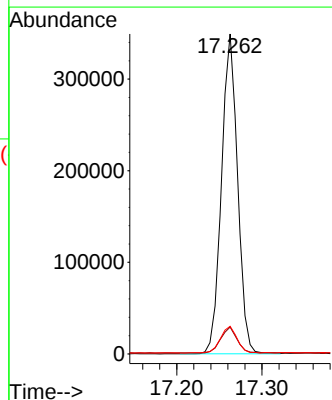
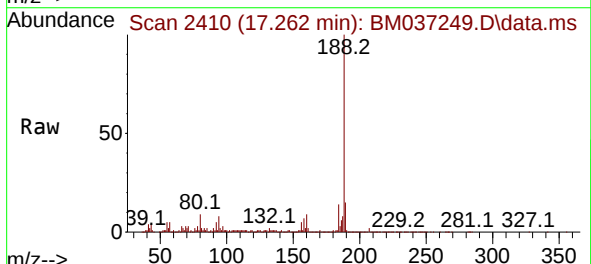
Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

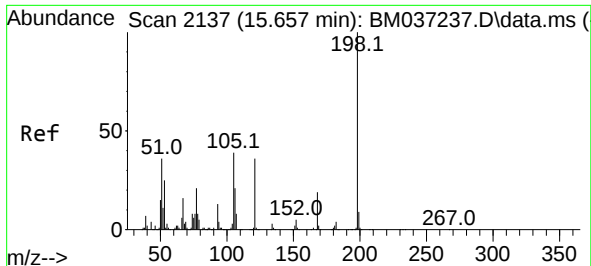
Tgt Ion:138 Resp: 209
Ion Ratio Lower Upper
138 100
92 181.5 28.7 68.7#
108 55.3 57.7 97.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.262 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

Tgt Ion:188 Resp: 458823
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 8.6 7.1 10.7

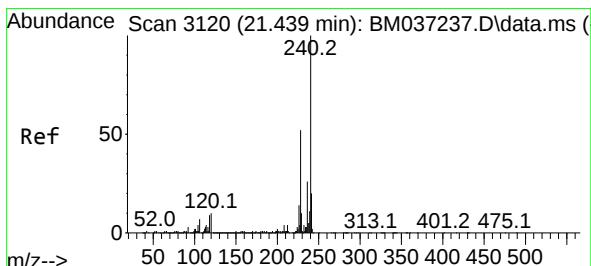
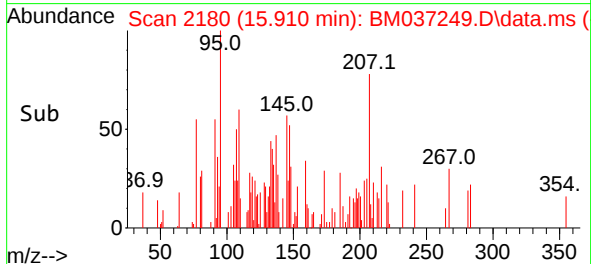
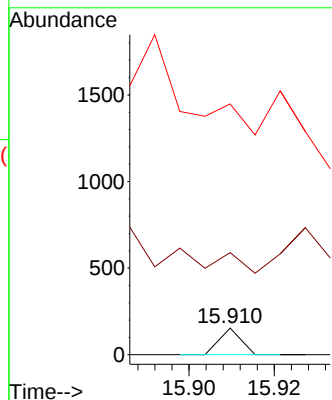
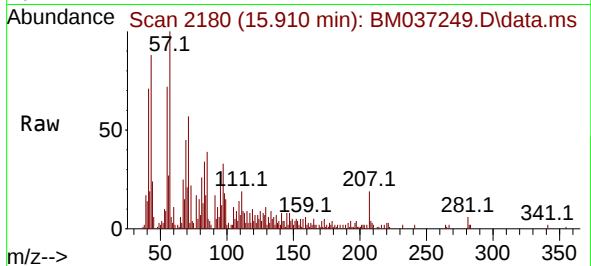




#65
4,6-Dinitro-2-methylphenol
Concen: 4.686 ng
RT: 15.910 min Scan# 21
Delta R.T. 0.253 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

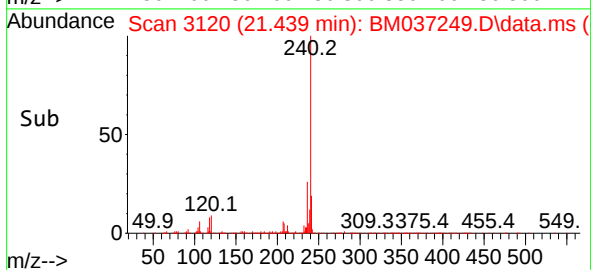
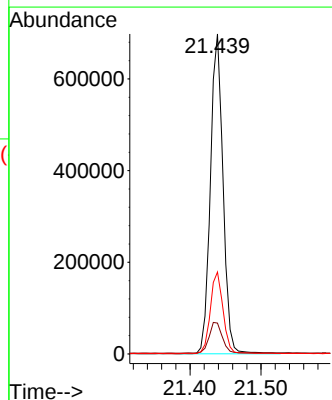
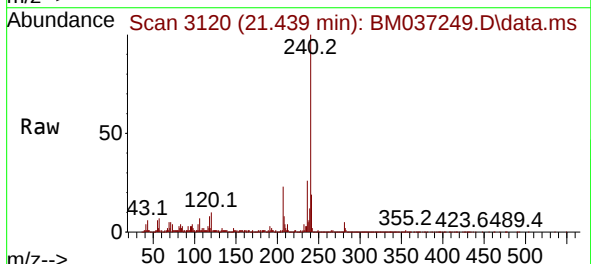
Instrument :
BNA_M
ClientSampleId :
HFI-CON-1020

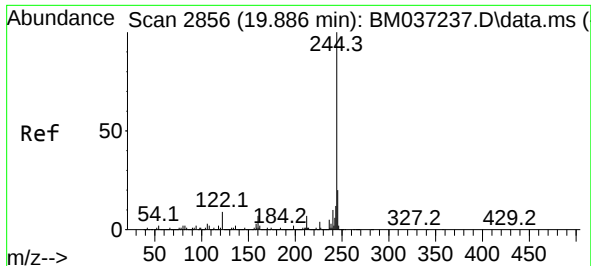
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 383.1 17.7 57.7#
105 940.3 19.6 59.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM037249.D
Acq: 26 Oct 2022 22:13

Tgt Ion:240 Resp: 862448
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.6 21.0 31.4

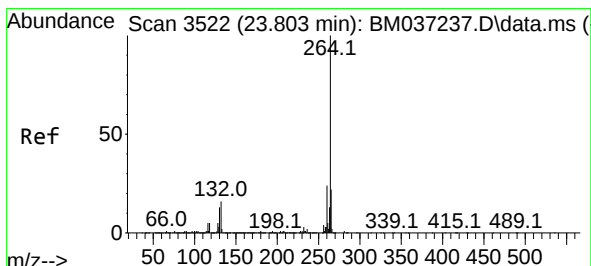
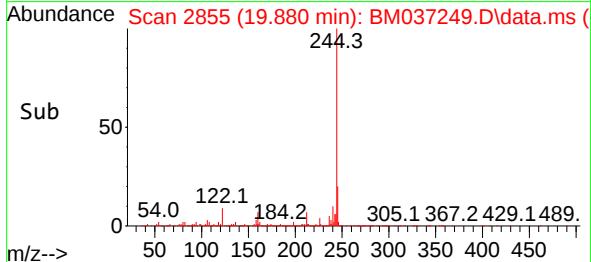
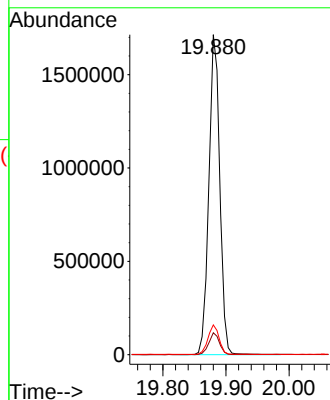
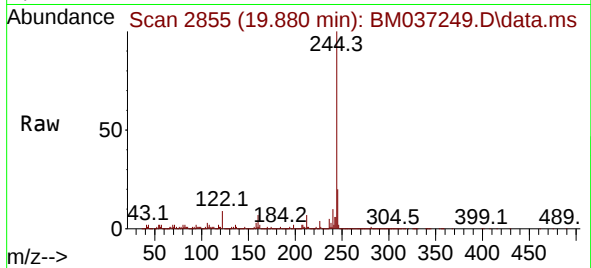




#79
 Terphenyl-d14
 Concen: 48.914 ng
 RT: 19.880 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037249.D
 Acq: 26 Oct 2022 22:13

Instrument :
 BNA_M
 ClientSampleId :
 HFI-CON-1020

Tgt Ion:244 Resp: 2062173
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.3 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3523
 Delta R.T. 0.006 min
 Lab File: BM037249.D
 Acq: 26 Oct 2022 22:13

Tgt Ion:264 Resp: 1251087
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.8 17.9 26.9

