

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041195.D
 Acq On : 31 Jul 2023 18:41
 Operator : MA/JU
 Sample : 03642-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

Quant Time: Jul 31 19:13:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

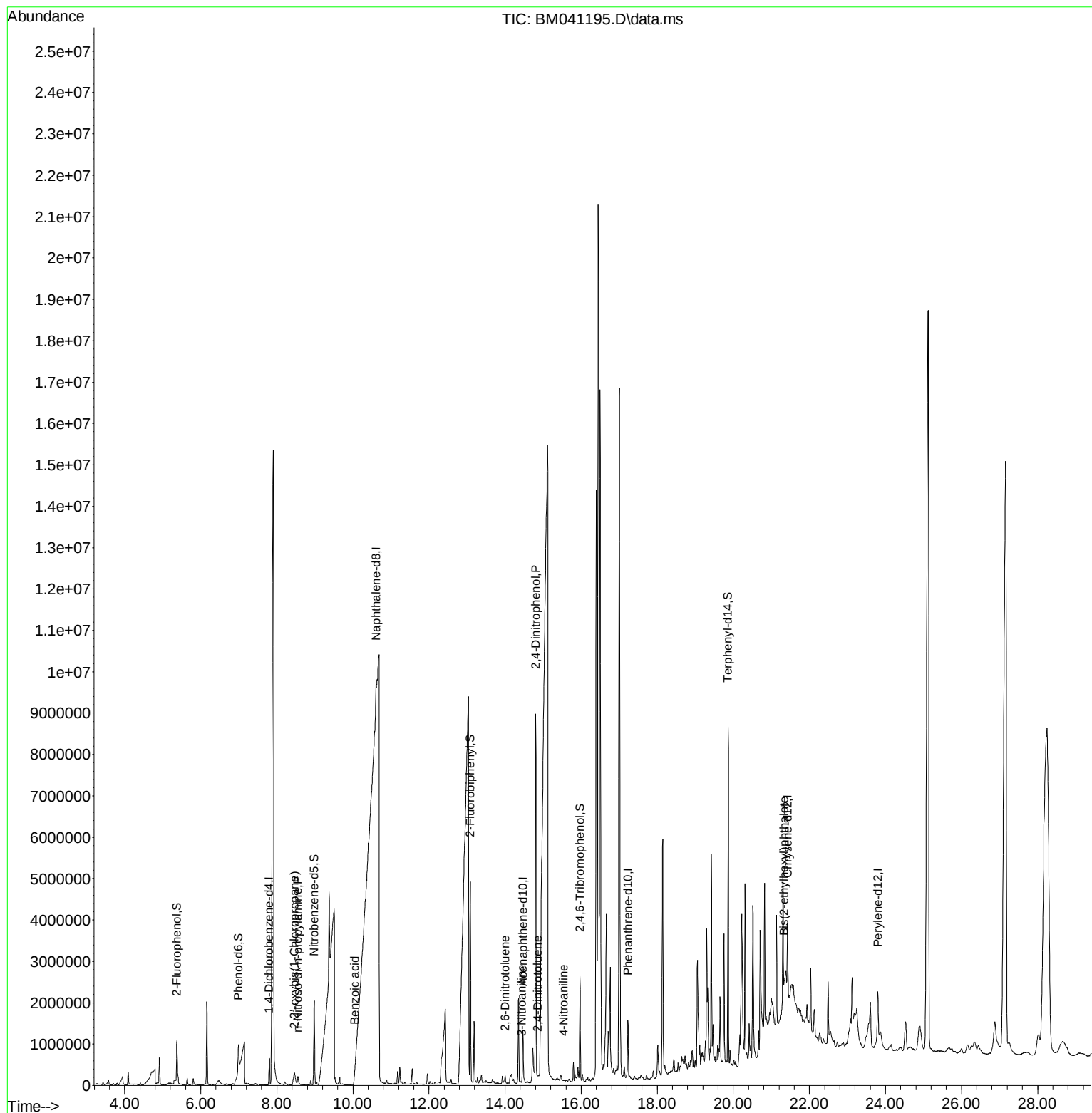
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	158727	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	521469	20.000	ng	# 0.00
39) Acenaphthene-d10	14.468	164	384903	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	804010	20.000	ng	0.00
76) Chrysene-d12	21.427	240	737974	20.000	ng	0.00
86) Perylene-d12	23.797	264	856505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	396539	37.338	ng	0.01
7) Phenol-d6	6.992	99	383169	27.834	ng	0.02
23) Nitrobenzene-d5	8.981	82	1126424	100.454	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	438975	80.631	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2376633	78.001	ng	0.00
79) Terphenyl-d14	19.862	244	3858831	94.542	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.469	45	43333	3.022	ng	78
19) n-Nitroso-di-n-propyla...	8.551	70	34220	4.093	ng	# 71
32) Benzoic acid	10.051	122	1664	7.397	ng	# 38
51) 2,6-Dinitrotoluene	14.004	165	27108	4.519	ng	# 23
53) 3-Nitroaniline	14.439	138	2100	2.864	ng	# 15
54) 2,4-Dinitrophenol	14.804	184	1160	6.100	ng	# 1
57) 2,4-Dinitrotoluene	14.857	165	128	2.685	ng	# 1
62) 4-Nitroaniline	15.533	138	104	4.163	ng	# 39
84) Bis(2-ethylhexyl)phtha...	21.333	149	106938	5.923	ng	# 77

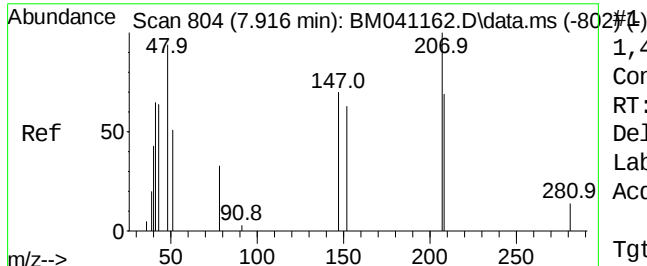
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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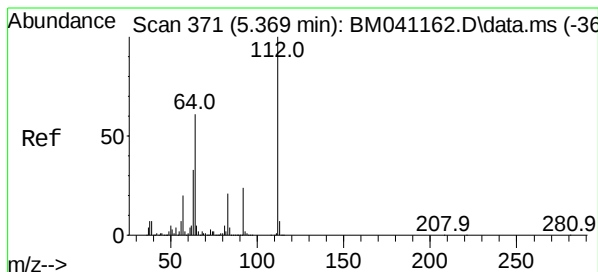
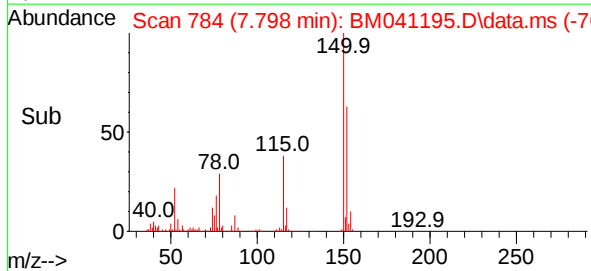
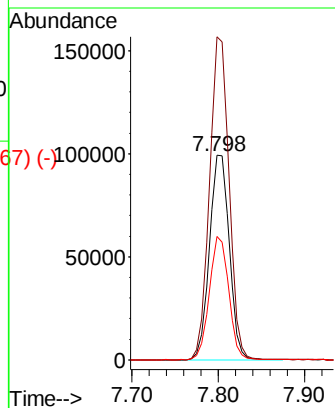
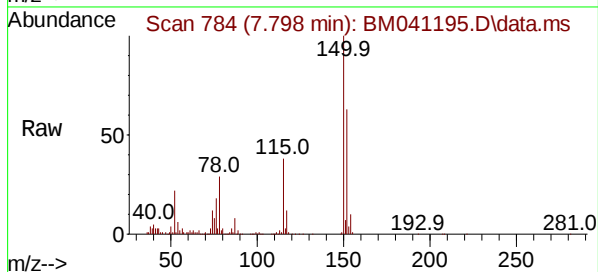




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan#
 Delta R.T. 0.000 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

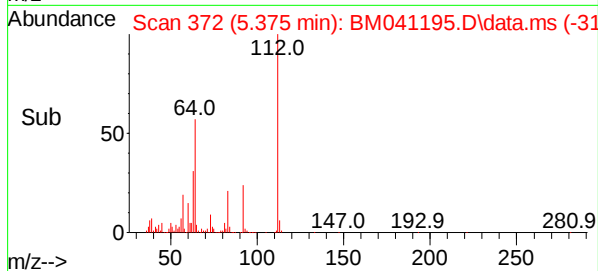
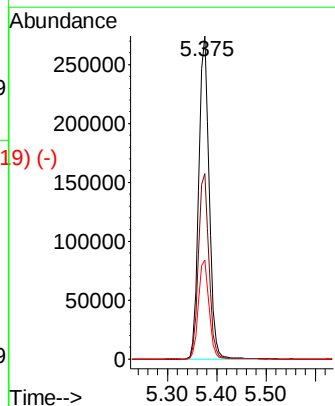
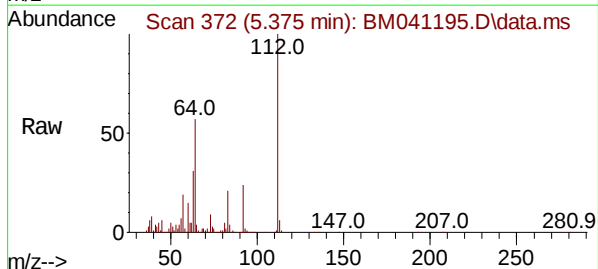
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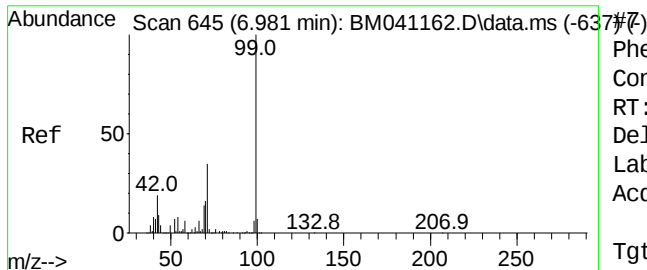
Tgt Ion:152 Resp: 158727
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.5 188.3
 115 60.4 48.0 72.0



2-Fluorophenol
 Concen: 37.338 ng
 RT: 5.375 min Scan# 372
 Delta R.T. 0.012 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion:112 Resp: 396539
 Ion Ratio Lower Upper
 112 100
 64 57.3 48.5 72.7
 63 30.6 26.5 39.7

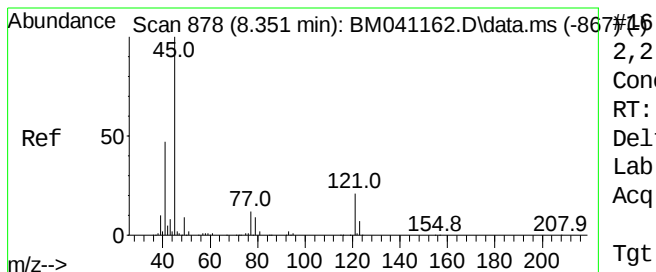
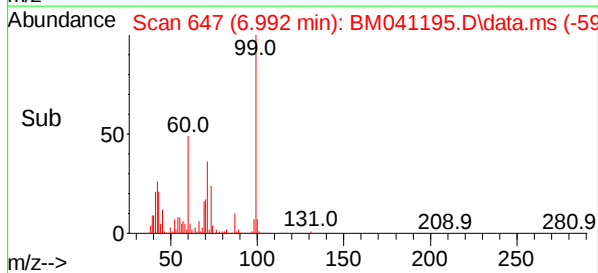
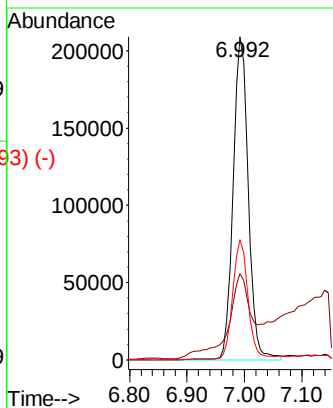
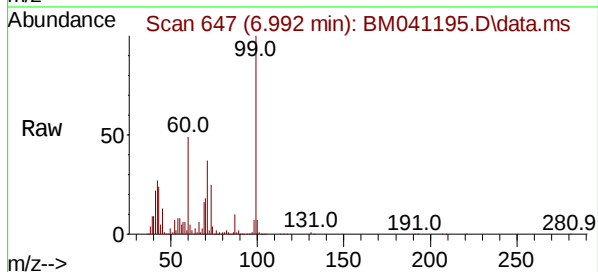




Phenol-d6
 Concen: 27.834 ng
 RT: 6.992 min Scan# 645
 Delta R.T. 0.018 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

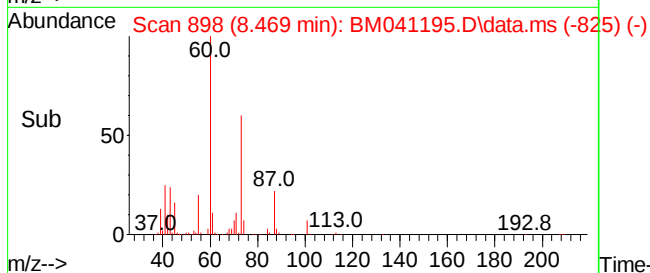
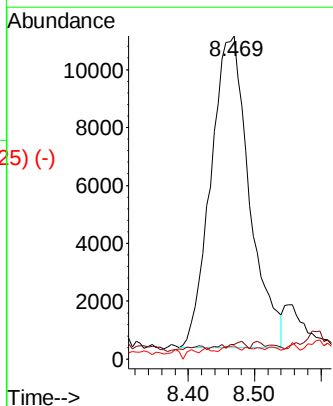
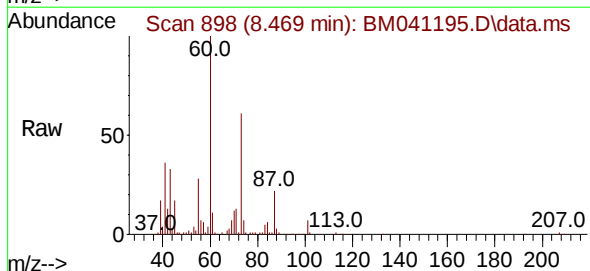
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

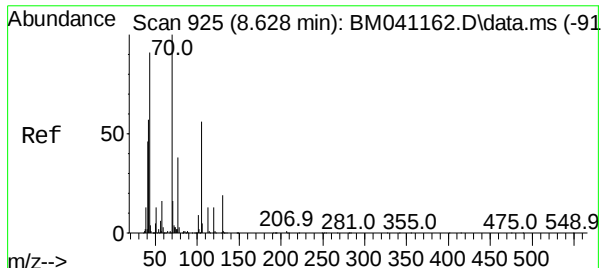
Tgt Ion: 99 Resp: 383169
 Ion Ratio Lower Upper
 99 100
 42 26.7 15.4 23.0#
 71 37.1 28.2 42.4



2,2'-oxybis(1-Chloropropane)
 Concen: 3.022 ng
 RT: 8.469 min Scan# 898
 Delta R.T. 0.129 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion: 45 Resp: 43333
 Ion Ratio Lower Upper
 45 100
 77 4.6 0.0 34.5
 79 4.2 0.0 32.1

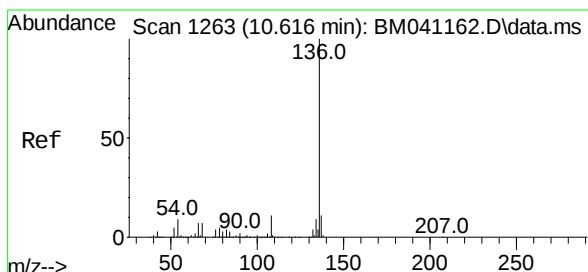
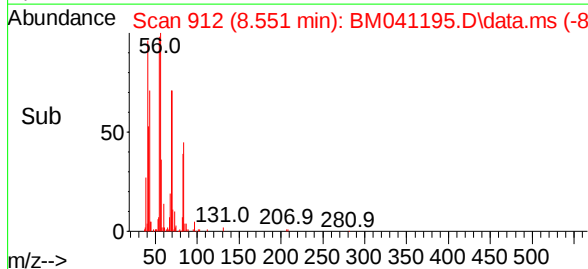
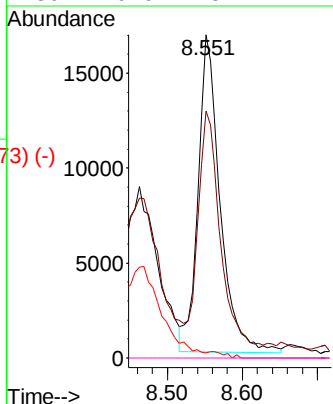
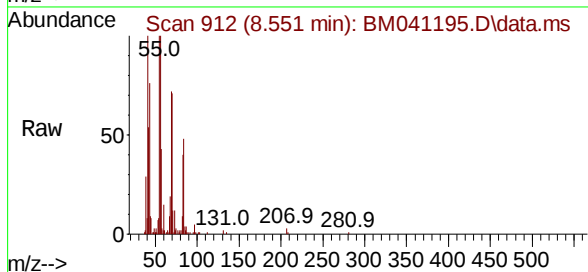




#19
n-Nitroso-di-n-propylamine
Concen: 4.093 ng
RT: 8.551 min Scan# 912
Delta R.T. -0.071 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

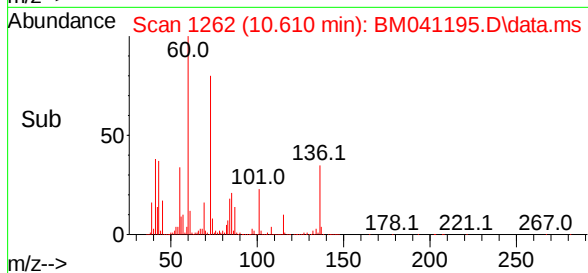
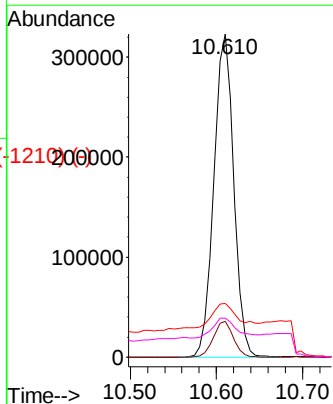
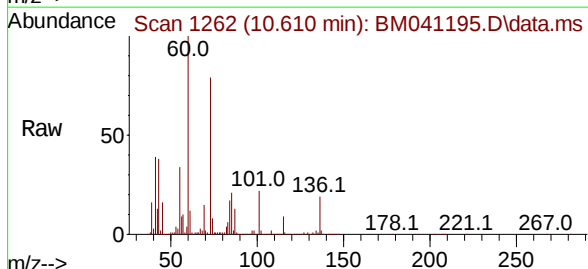
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

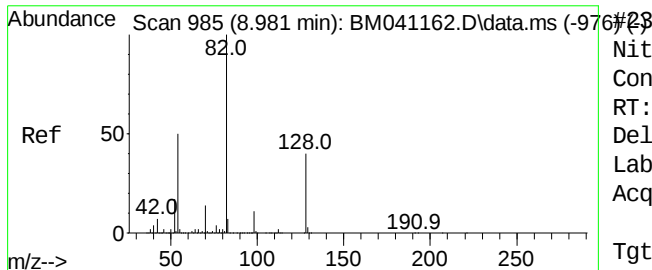
Tgt Ion:	70	Resp:	34220
Ion	Ratio	Lower	Upper
70	100		
42	76.5	45.8	68.8#
101	1.6	7.4	11.0#
130	0.0	15.2	22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion:	136	Resp:	521469
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	16.5	6.9	10.3#
68	12.1	5.4	8.2#



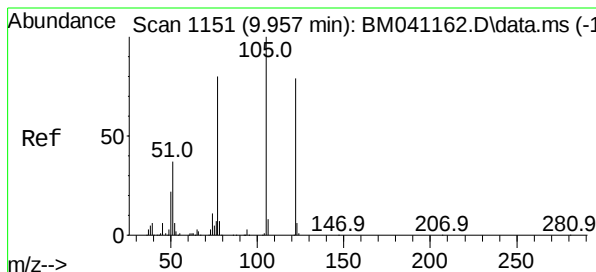
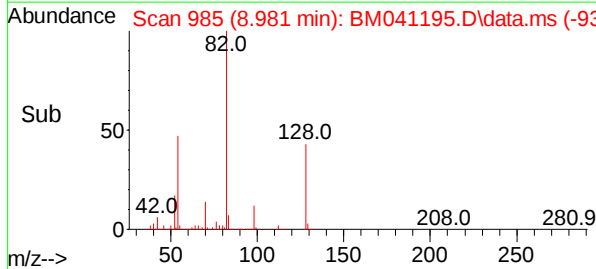
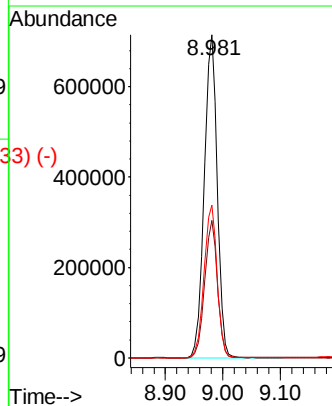
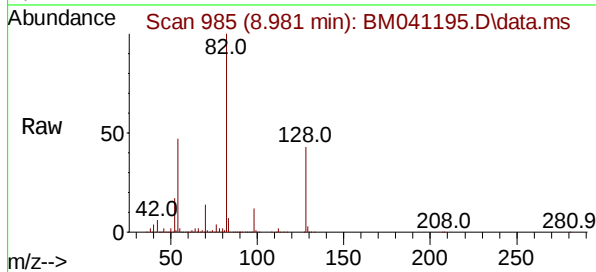


Nitrobenzene-d5
 Concen: 100.454 ng
 RT: 8.981 min Scan# 985
 Delta R.T. 0.006 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

Tgt Ion: 82 Resp: 1126424

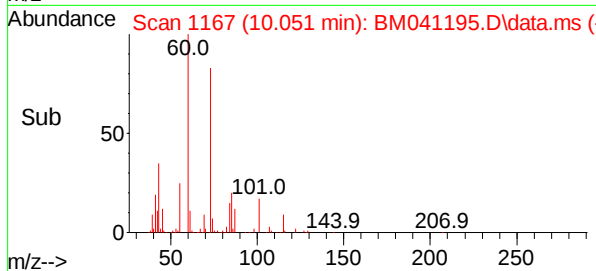
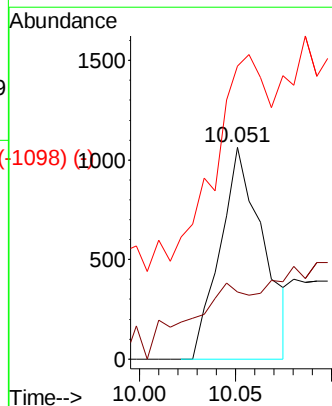
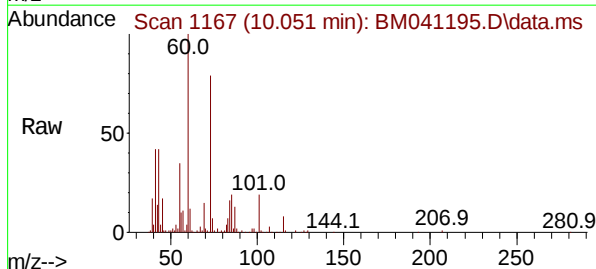
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.8	47.6
54	47.3	40.1	60.1



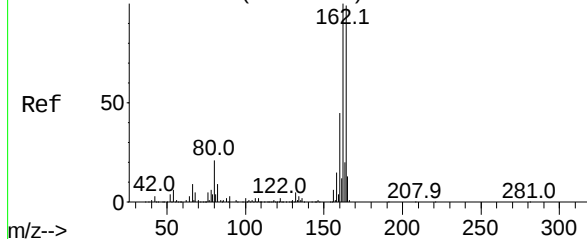
Benzoic acid
 Concen: 7.397 ng
 RT: 10.051 min Scan# 1167
 Delta R.T. 0.106 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion: 122 Resp: 1664

Ion	Ratio	Lower	Upper
122	100		
105	31.5	104.0	144.0#
77	138.3	79.9	119.9#



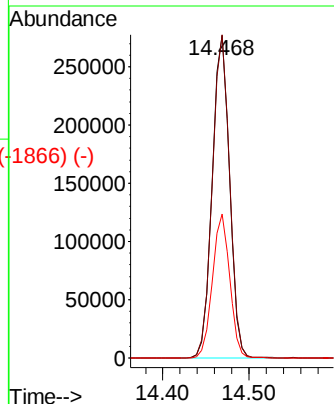
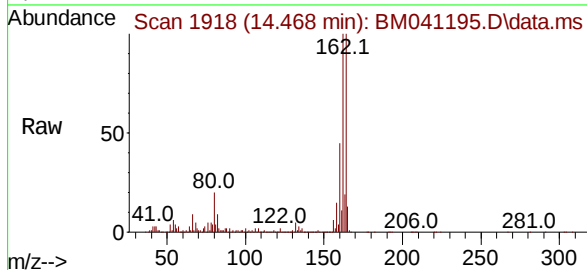
Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1866) (-)



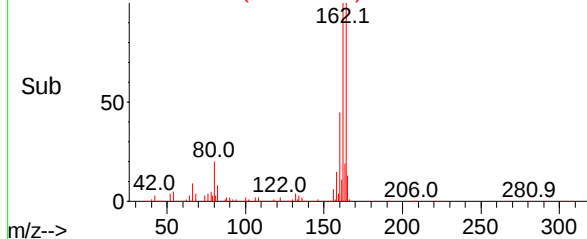
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

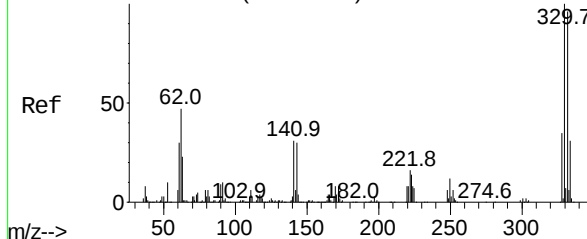
Tgt Ion:	164	Resp:	384903
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.4	120.6
160	44.6	36.2	54.2



Abundance Scan 1918 (14.468 min): BM041195.D\data.ms (-1866) (-)

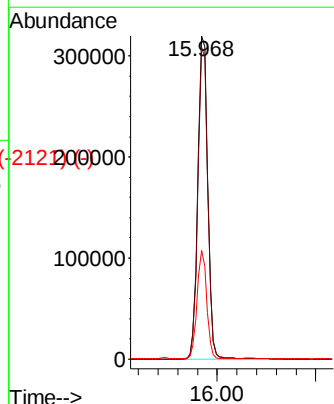
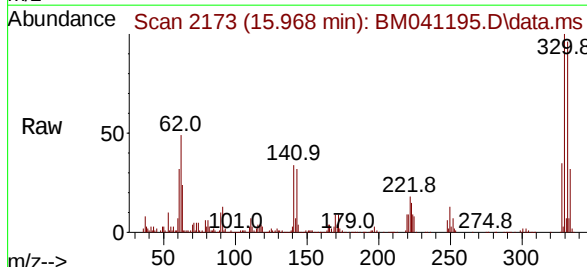


Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2122) (-)

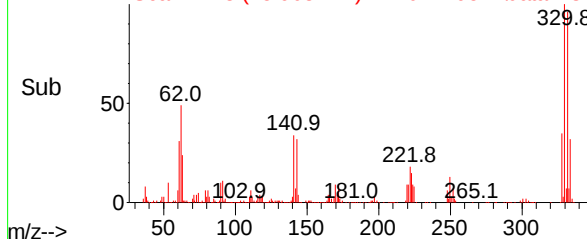


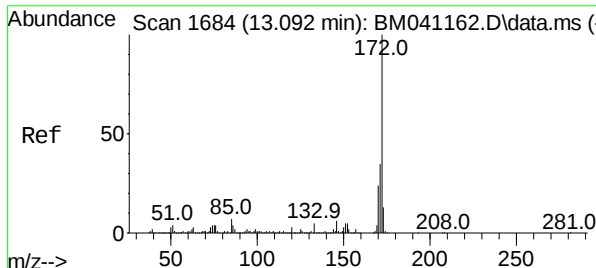
2,4,6-Tribromophenol
Concen: 80.631 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion:	330	Resp:	438975
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	32.5	28.3	42.5



Abundance Scan 2173 (15.968 min): BM041195.D\data.ms (-2122) (-)



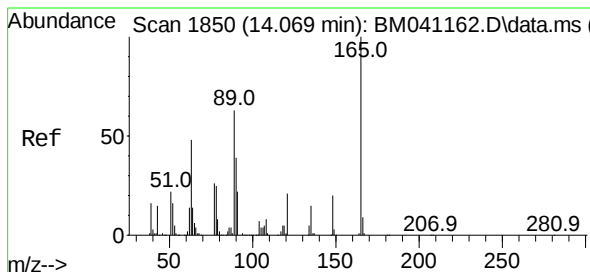
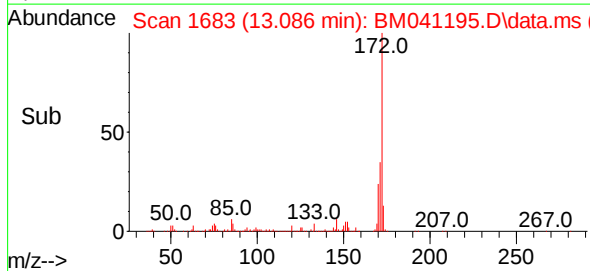
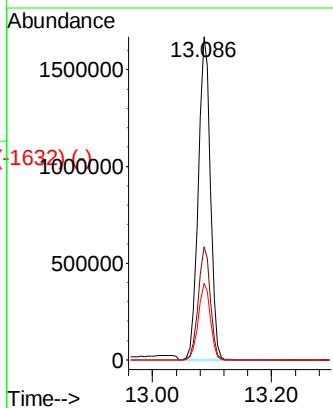
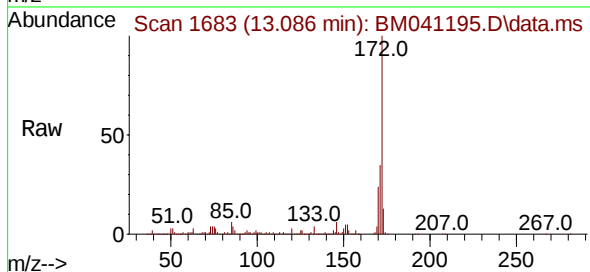


Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 78.001 ng
 RT: 13.086 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Instrument :
 BNA_M
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 EFF-WWRE

Tgt Ion:172 Resp: 2376633

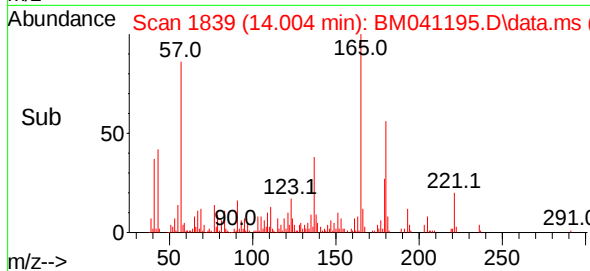
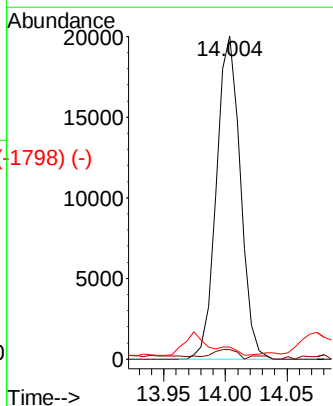
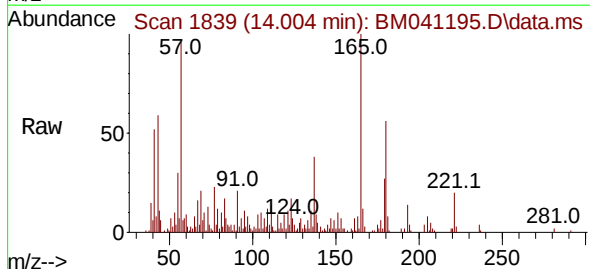
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.8	18.9	28.3

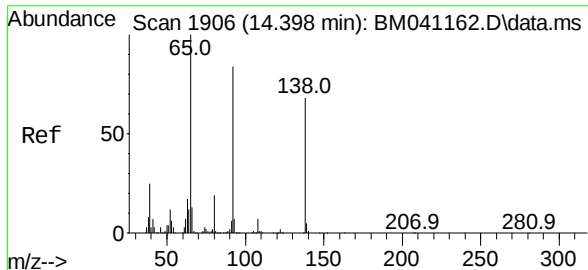


Scan 1851 (14.069 min): BM041162.D\data.ms (-1651) (-)
 2,6-Dinitrotoluene
 Concen: 4.519 ng
 RT: 14.004 min Scan# 1839
 Delta R.T. -0.059 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion:165 Resp: 27108

Ion	Ratio	Lower	Upper
165	100		
63	2.9	50.9	76.3#
89	3.7	50.6	76.0#

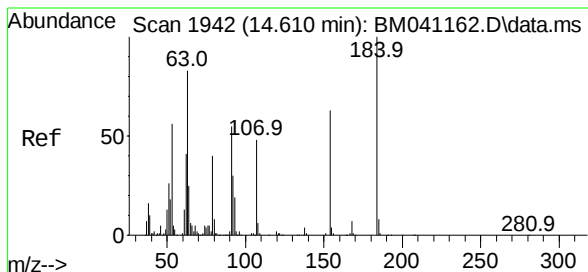
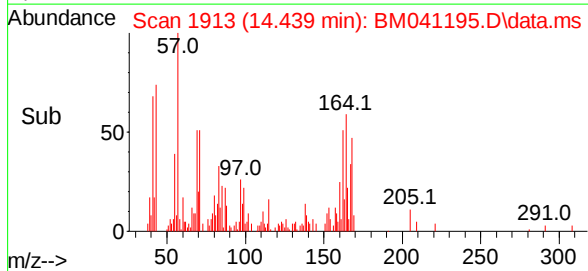
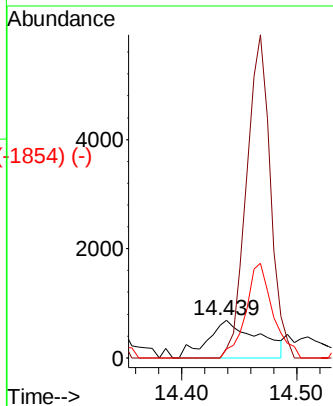
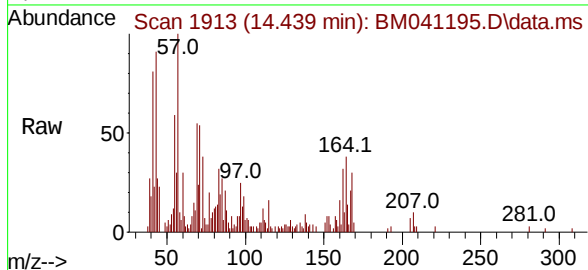




3-Nitroaniline
 Concen: 2.864 ng
 RT: 14.439 min Scan# 1906
 Delta R.T. 0.047 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

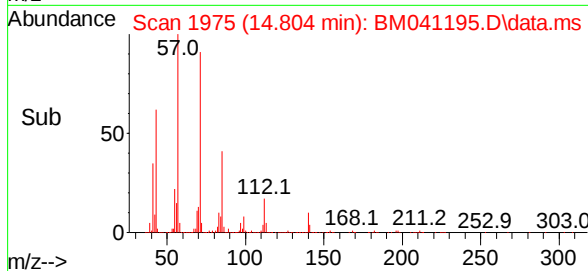
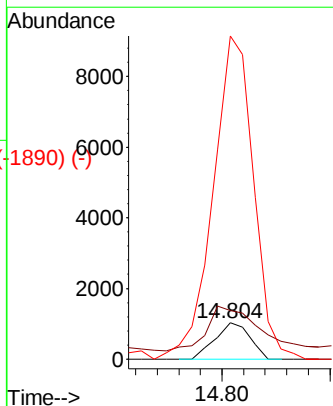
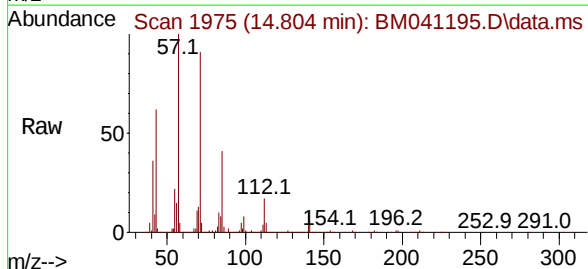
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

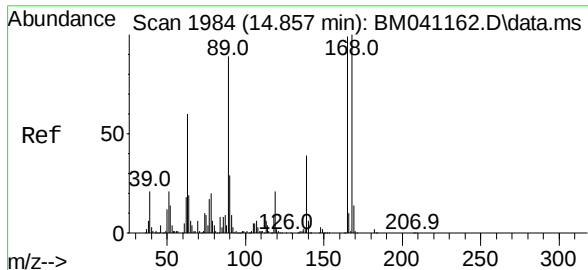
Tgt Ion:	138	Resp:	2100
Ion Ratio	Lower	Upper	
138	100		
108	24.7	7.6	11.4#
92	24.1	98.9	148.3#



2,4-Dinitrophenol
 Concen: 6.100 ng
 RT: 14.804 min Scan# 1975
 Delta R.T. 0.200 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion:	184	Resp:	1160
Ion Ratio	Lower	Upper	
184	100		
63	132.8	66.5	99.7#
154	882.0	52.8	79.2#

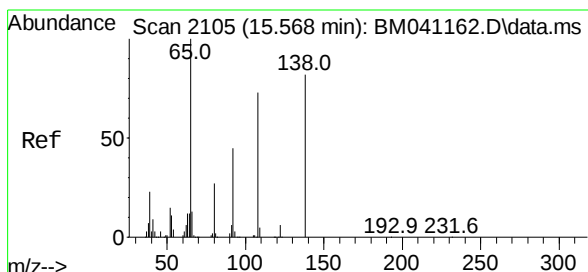
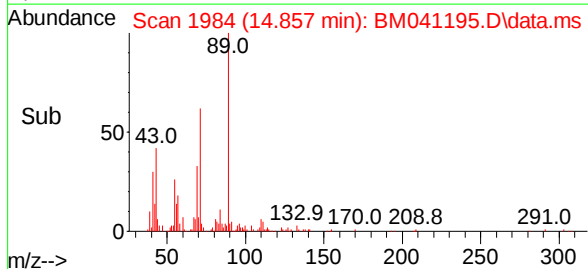
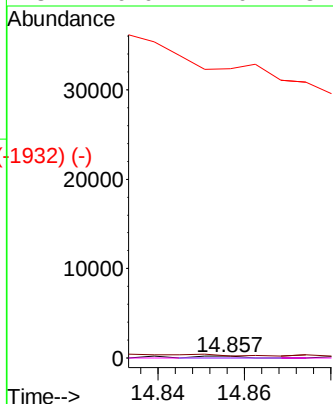
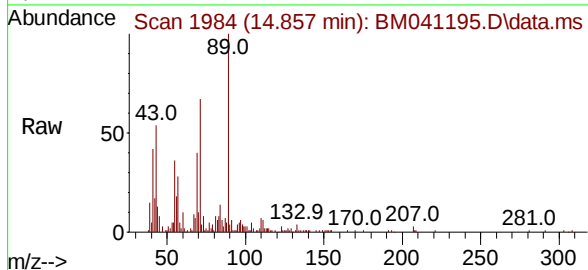




Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 2.685 ng
 RT: 14.857 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

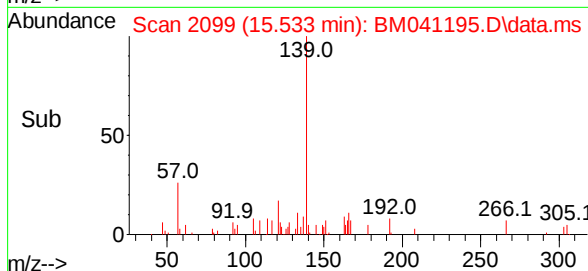
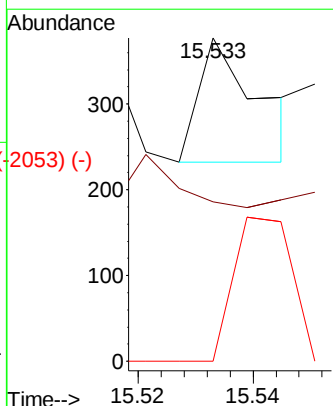
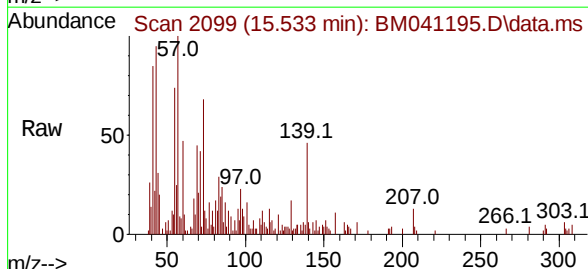
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

Tgt Ion:	165	Resp:	128
Ion	Ratio	Lower	Upper
165	100		
63	127.4	48.3	72.5#
89	17052.6	71.8	107.8#
182	0.0	2.0	3.0#

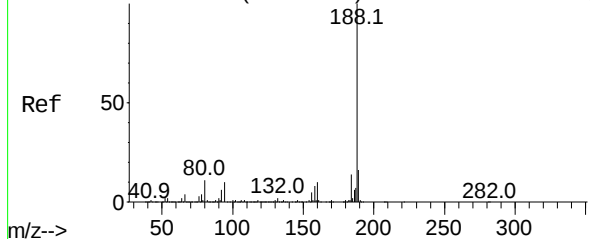


Scan 2105 (15.568 min): BM041162.D\data.ms (-2160) (-)
 4-Nitroaniline
 Concen: 4.163 ng
 RT: 15.533 min Scan# 2099
 Delta R.T. -0.030 min
 Lab File: BM041195.D
 Acq: 31 Jul 2023 18:41

Tgt Ion:	138	Resp:	104
Ion	Ratio	Lower	Upper
138	100		
92	49.3	35.1	75.1
108	0.0	67.8	107.8#



Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2387) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

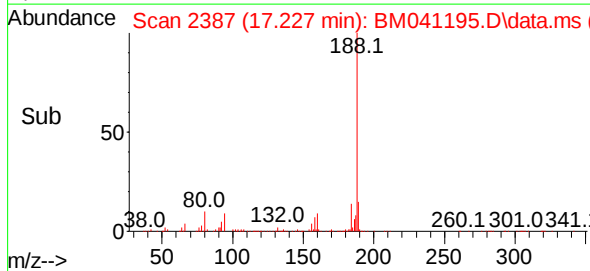
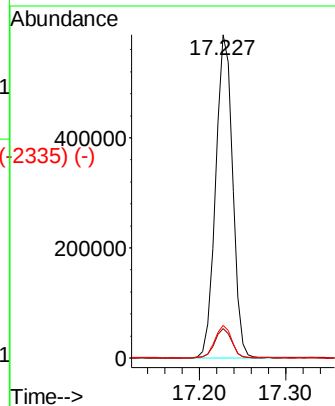
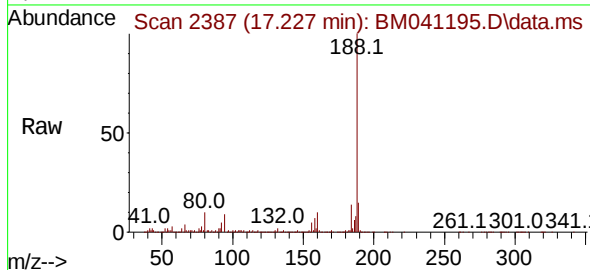
Tgt Ion:188 Resp: 804010

Ion Ratio Lower Upper

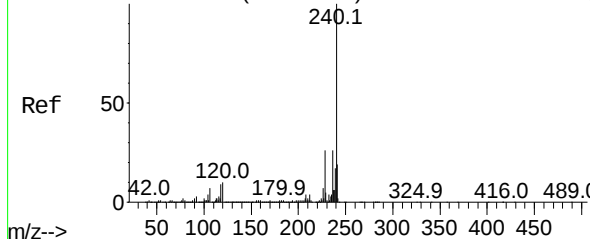
188 100

94 9.1 8.2 12.2

80 10.0 8.6 13.0



Abundance Scan 3102 (21.433 min): BM041162.D\data.ms (-3102) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

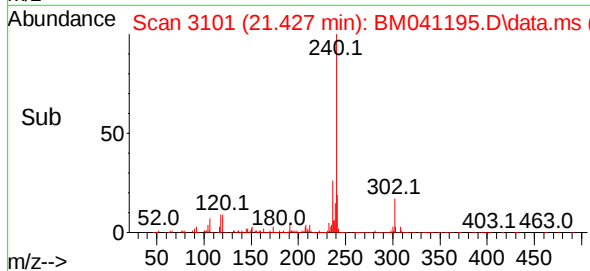
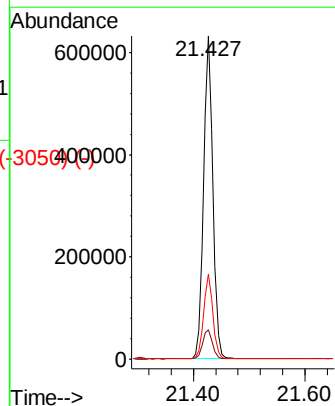
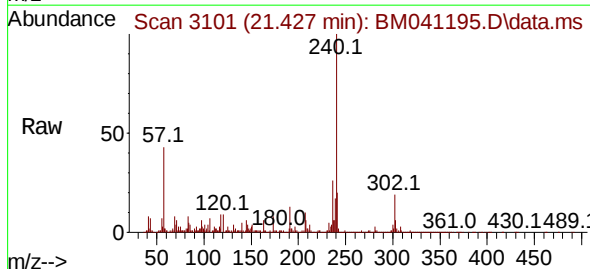
Tgt Ion:240 Resp: 737974

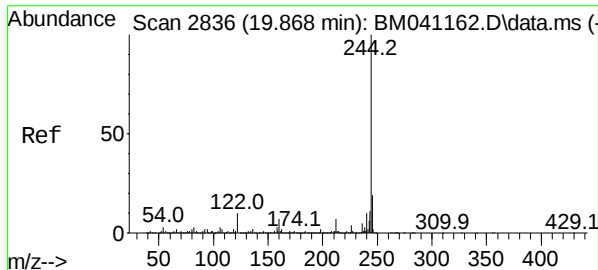
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.4 20.6 30.8





Terphenyl-d14

Concen: 94.542 ng

RT: 19.862 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

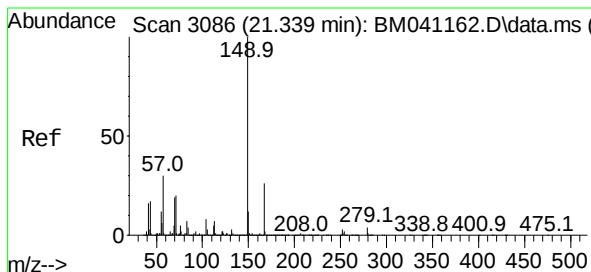
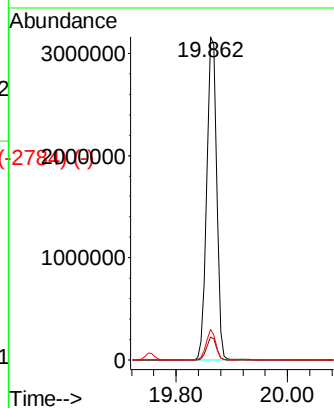
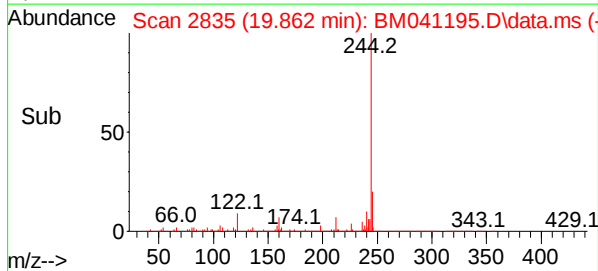
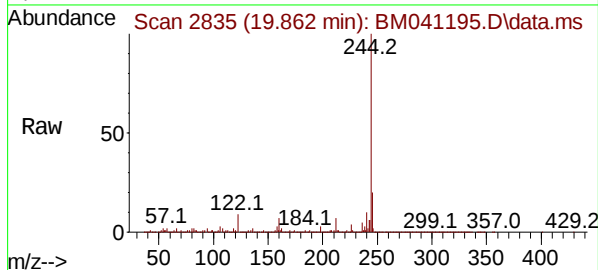
Tgt Ion:244 Resp: 3858831

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.4 7.8 11.6



Bis(2-ethylhexyl)phthalate

Concen: 5.923 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

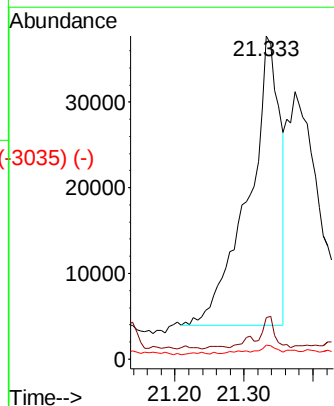
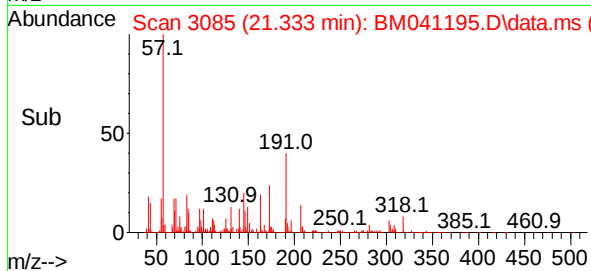
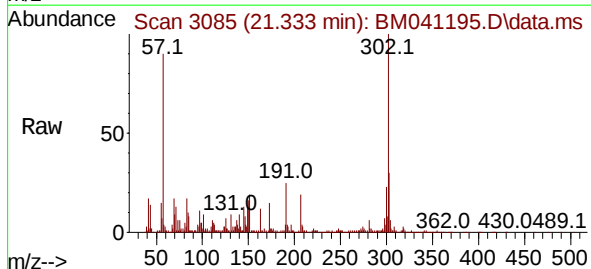
Tgt Ion:149 Resp: 106938

Ion Ratio Lower Upper

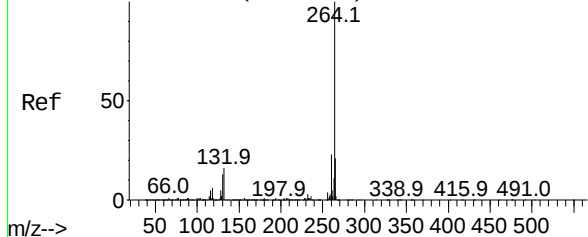
149 100

167 12.8 21.0 31.6#

279 4.3 3.1 4.7



Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3453) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan#

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

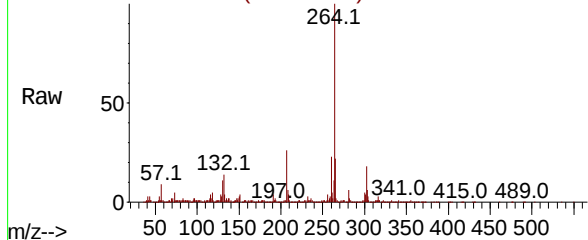
Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

Abundance Scan 3504 (23.797 min): BM041195.D\data.ms



Tgt Ion:264 Resp: 856505

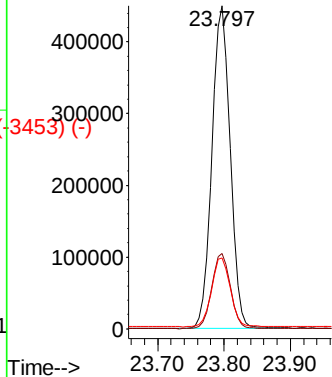
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.9 17.4 26.0

Abundance



Abundance Scan 3504 (23.797 min): BM041195.D\data.ms (-3453) (-)

