

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035845.D
 Acq On : 16 Jul 2022 00:16
 Operator : CG/JU
 Sample : N3651-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-7-FILT

Quant Time: Jul 16 03:02:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

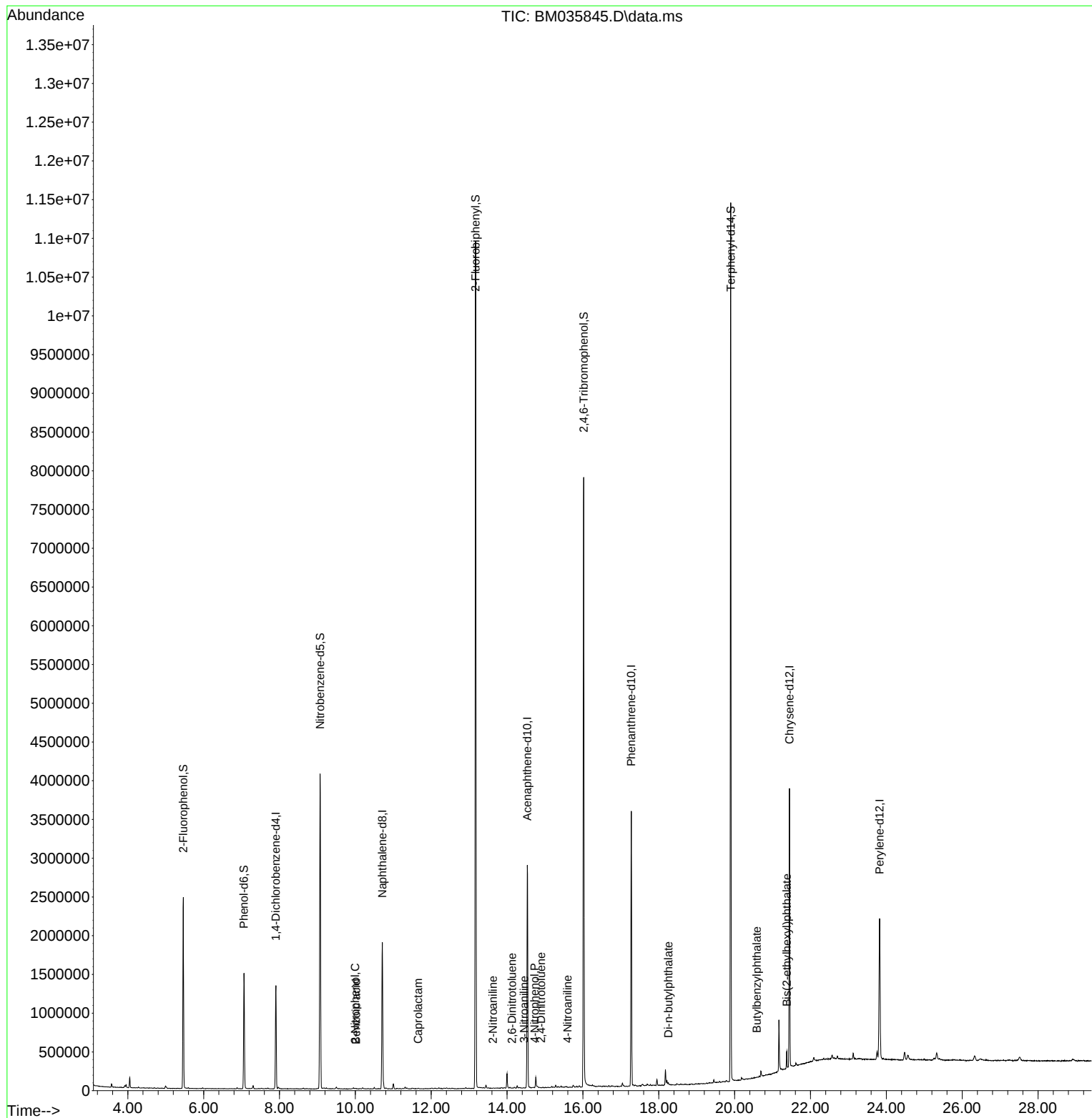
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	352288	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1571942	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	991932	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	2019257	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1592809	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1296161	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1050098	48.417	ng	0.00
7) Phenol-d6	7.063	99	818414	30.167	ng	0.00
23) Nitrobenzene-d5	9.069	82	2271621	82.613	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1454897	144.433	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	5267003	74.052	ng	0.00
79) Terphenyl-d14	19.898	244	5217906	63.592	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.992	139	55	4.578	ng #	8
32) Benzoic acid	10.022	122	112	8.043	ng #	31
35) Caprolactam	11.651	113	739	5.203	ng #	2
48) 2-Nitroaniline	13.627	65	77	3.601	ng #	5
51) 2,6-Dinitrotoluene	14.127	165	138	2.305	ng #	50
53) 3-Nitroaniline	14.451	138	169	2.679	ng #	72
56) 4-Nitrophenol	14.727	139	174	4.063	ng #	56
57) 2,4-Dinitrotoluene	14.898	165	414	3.358	ng #	22
62) 4-Nitroaniline	15.598	138	35	2.802	ng #	63
74) Di-n-butylphthalate	18.251	149	19340	2.431	ng #	89
80) Butylbenzylphthalate	20.586	149	366	4.170	ng #	47
84) Bis(2-ethylhexyl)phtha...	21.374	149	73711	4.523	ng #	98

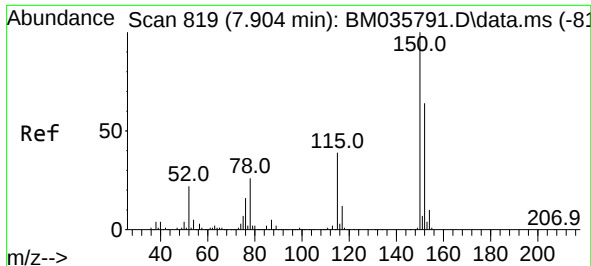
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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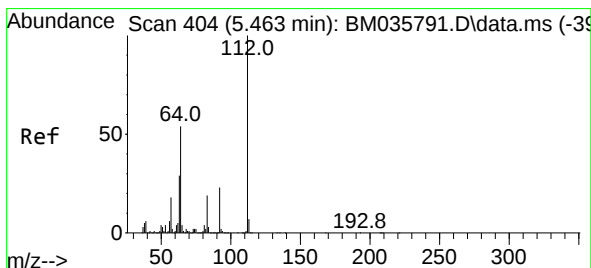
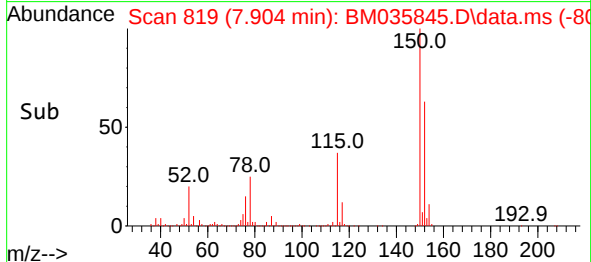
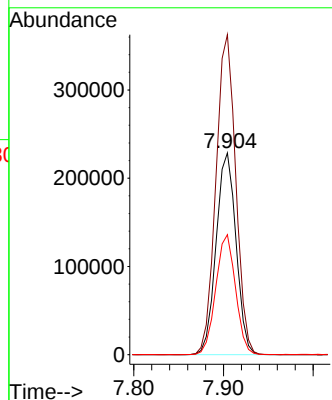
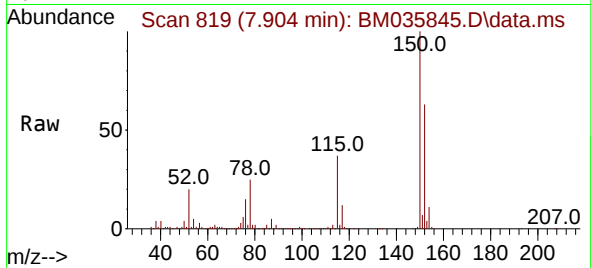




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

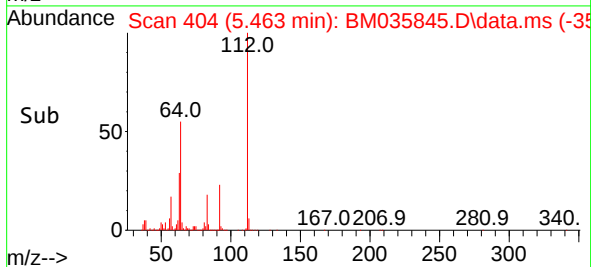
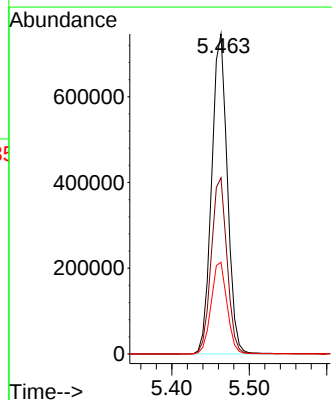
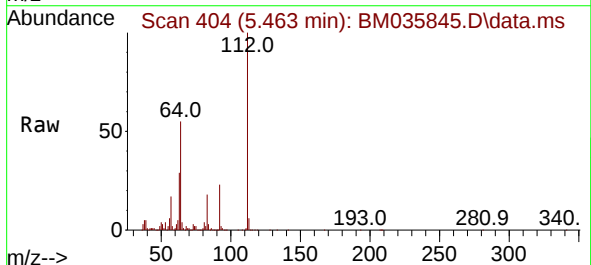
Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

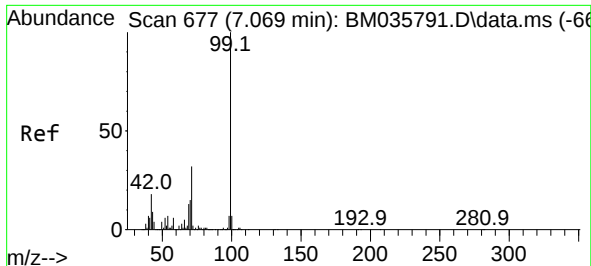
Tgt Ion:152 Resp: 352288
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 48.417 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion:112 Resp: 1050098
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 28.6 26.6 40.0

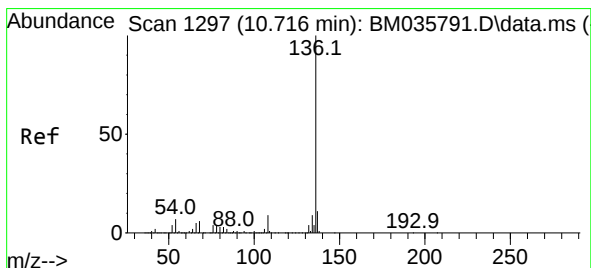
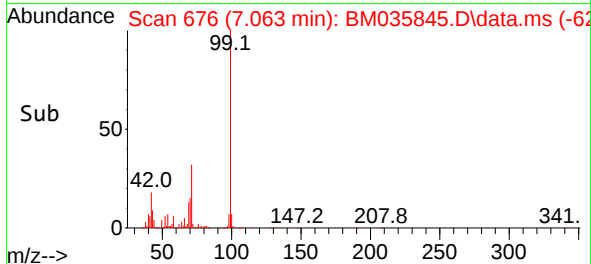
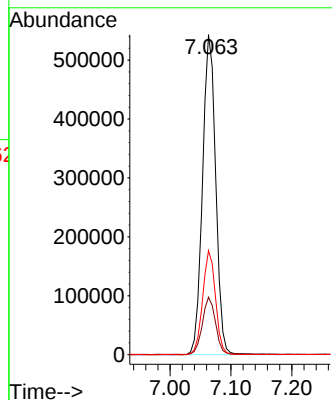
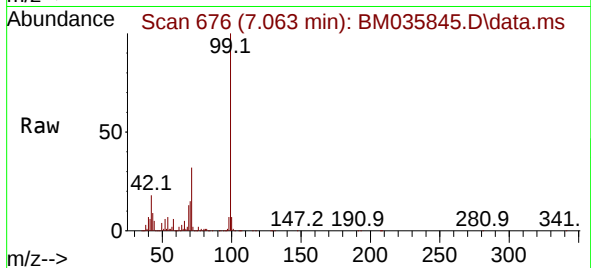




#7
Phenol-d6
Concen: 30.167 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

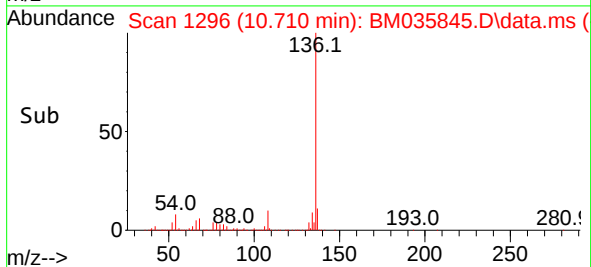
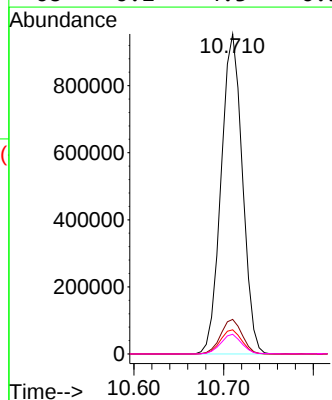
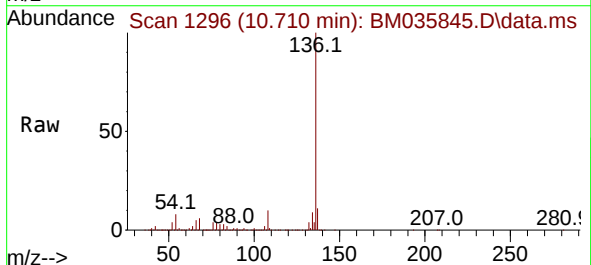
Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

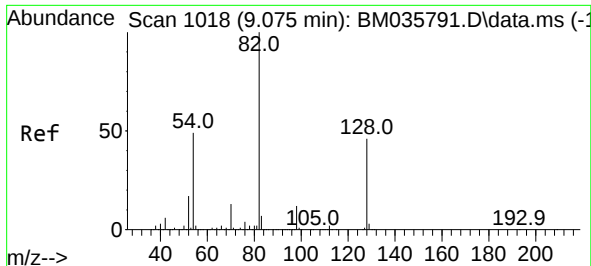
Tgt Ion: 99 Resp: 818414
Ion Ratio Lower Upper
99 100
42 17.9 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion: 136 Resp: 1571942
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 7.0 10.4
68 6.2 4.3 6.5

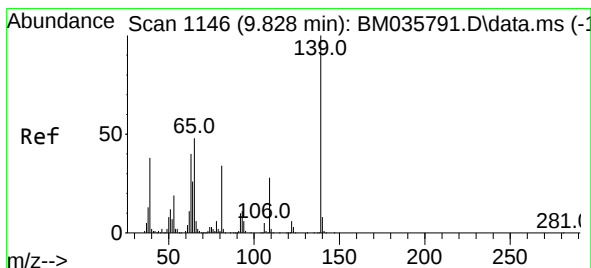
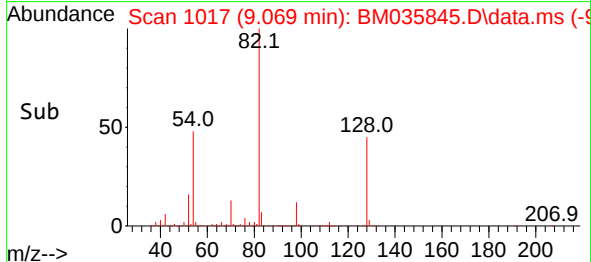
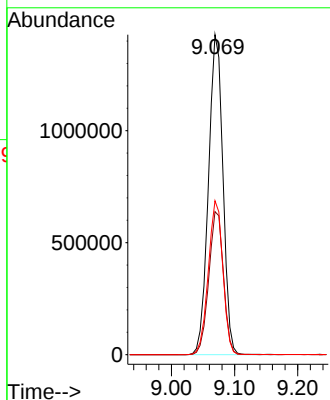
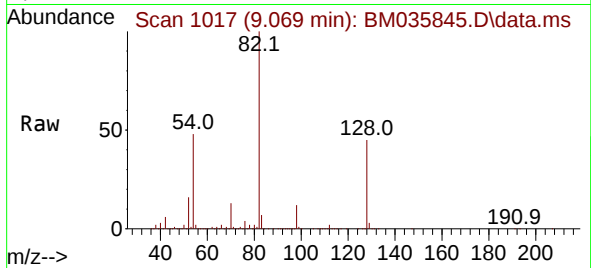




#23
Nitrobenzene-d5
Concen: 82.613 ng
RT: 9.069 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

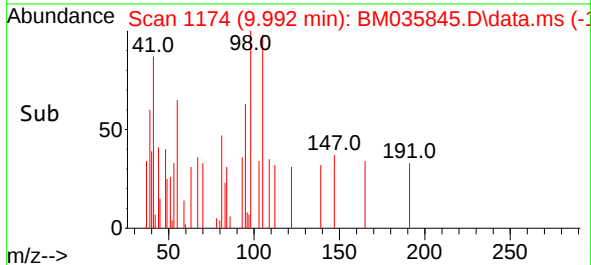
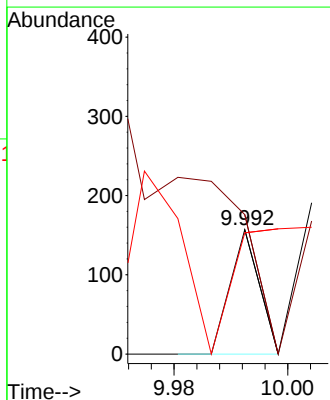
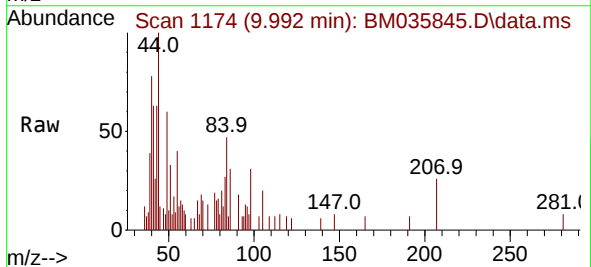
Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

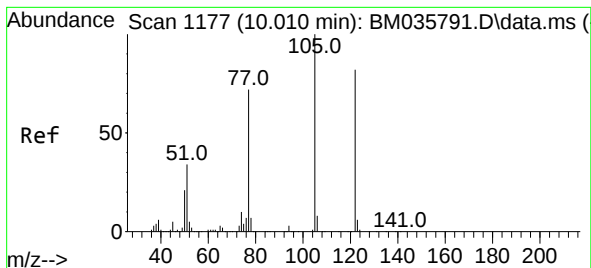
Tgt Ion: 82 Resp: 2271621
Ion Ratio Lower Upper
82 100
128 44.7 33.7 50.5
54 48.1 43.2 64.8



#26
2-Nitrophenol
Concen: 4.578 ng
RT: 9.992 min Scan# 1174
Delta R.T. 0.164 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion: 139 Resp: 55
Ion Ratio Lower Upper
139 100
109 112.1 25.6 38.4#
65 97.5 43.2 64.8#





#32

Benzoic acid

Concen: 8.043 ng

RT: 10.022 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

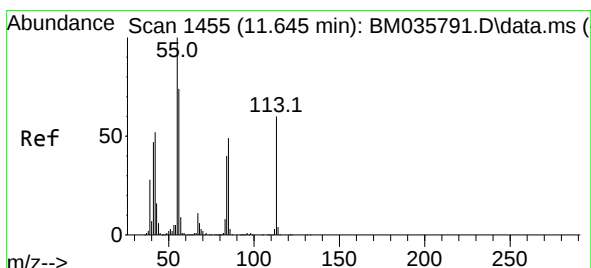
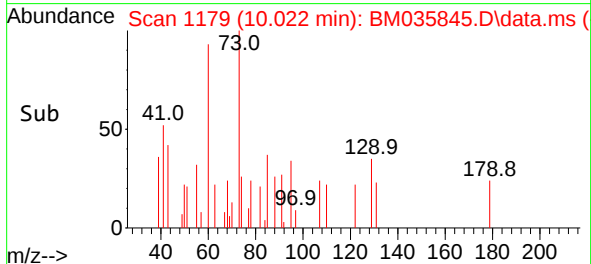
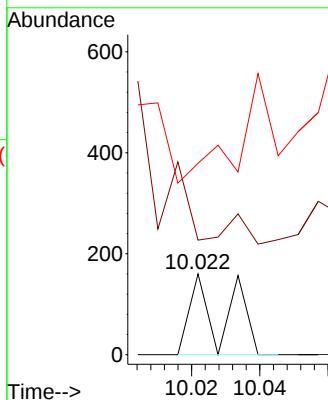
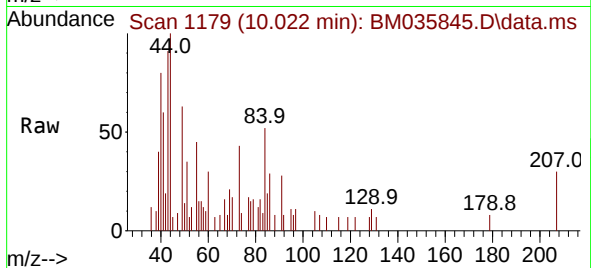
Instrument :

BNA_M

ClientSampleId :

SW-7-FILT

Tgt Ion:	122	Resp:	112
Ion	Ratio	Lower	Upper
122	100		
105	141.9	105.7	145.7
77	236.9	80.0	120.0#



#35

Caprolactam

Concen: 5.203 ng

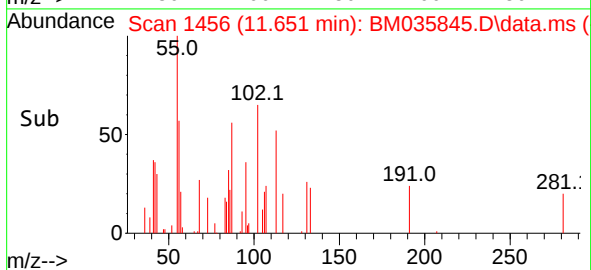
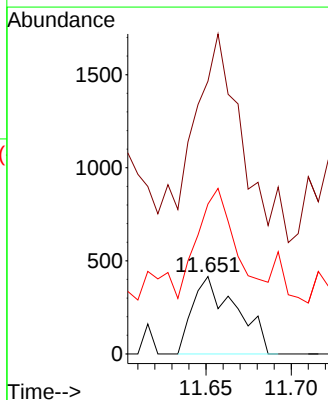
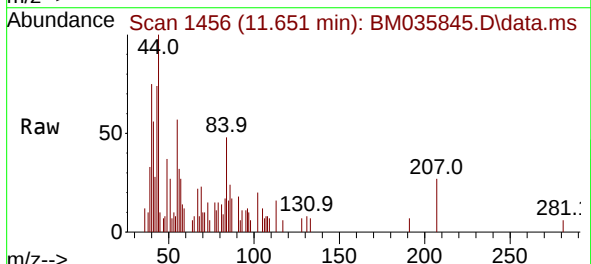
RT: 11.651 min Scan# 1456

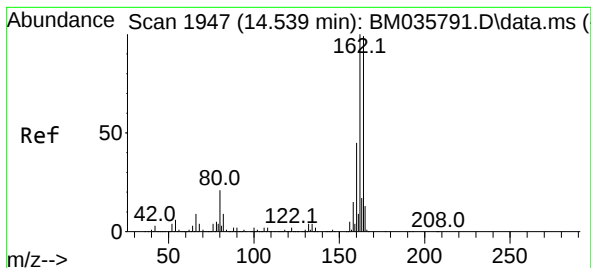
Delta R.T. 0.006 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

Tgt Ion:	113	Resp:	739
Ion	Ratio	Lower	Upper
113	100		
55	352.2	150.1	190.1#
56	193.5	111.7	151.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

Instrument :

BNA_M

ClientSampleId :

SW-7-FILT

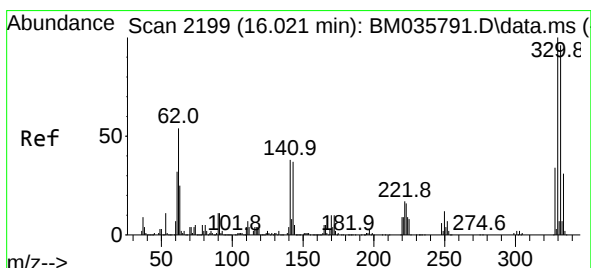
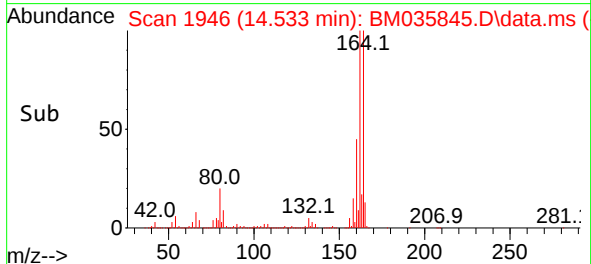
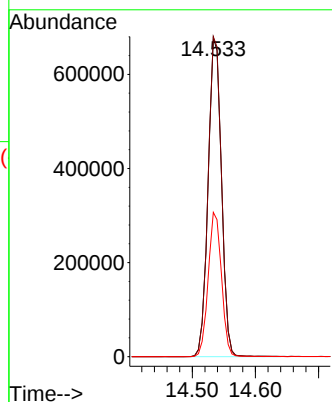
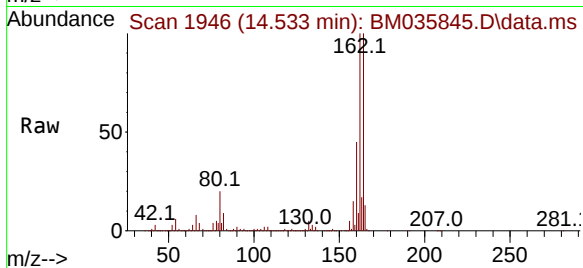
Tgt Ion:164 Resp: 991932

Ion Ratio Lower Upper

164 100

162 100.2 83.0 124.6

160 45.2 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 144.433 ng

RT: 16.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

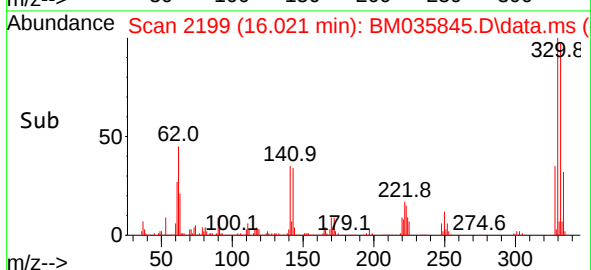
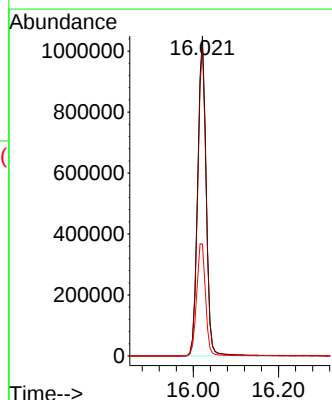
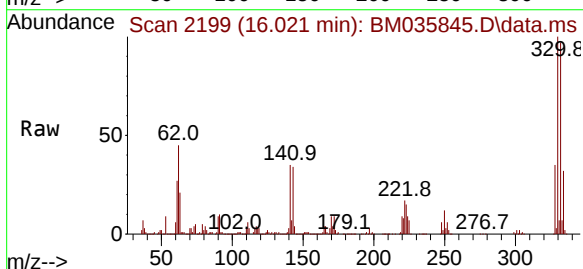
Tgt Ion:330 Resp: 1454897

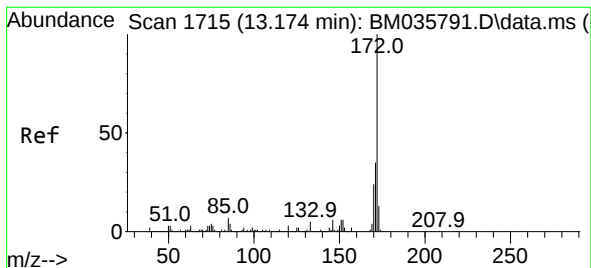
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 36.9 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 74.052 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

Instrument :

BNA_M

ClientSampleId :

SW-7-FILT

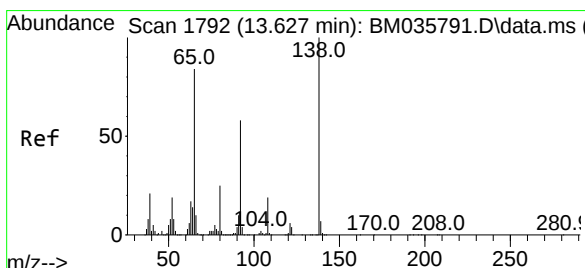
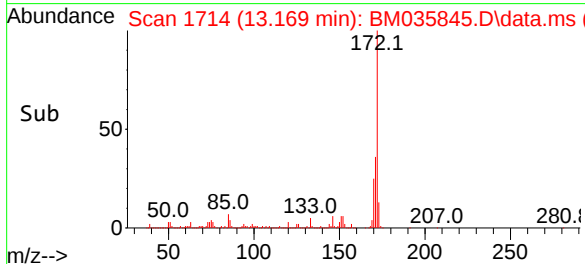
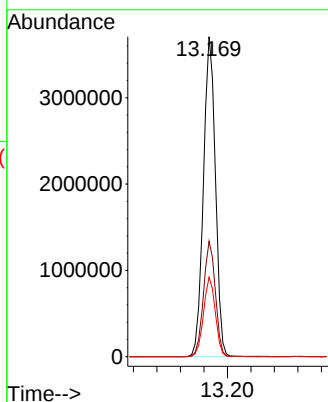
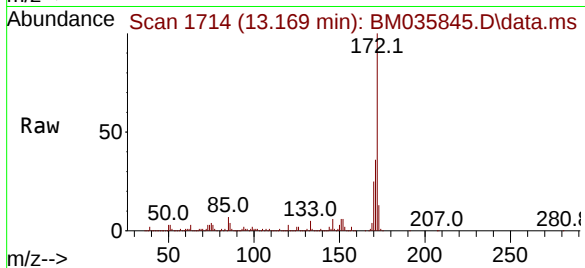
Tgt Ion:172 Resp: 5267003

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.601 ng

RT: 13.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

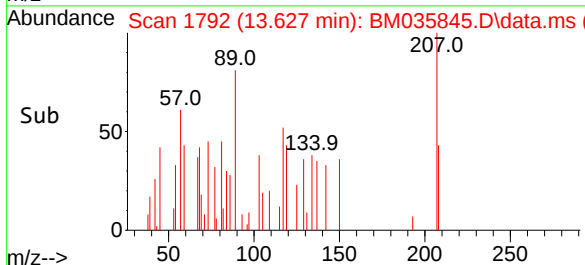
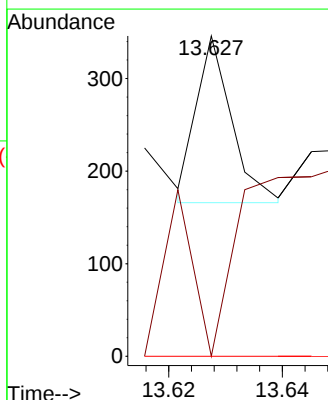
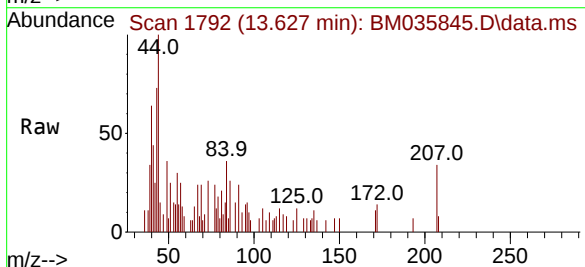
Tgt Ion: 65 Resp: 77

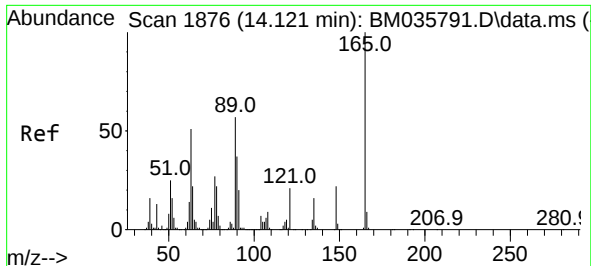
Ion Ratio Lower Upper

65 100

92 0.0 53.7 80.5#

138 0.0 83.9 125.9#

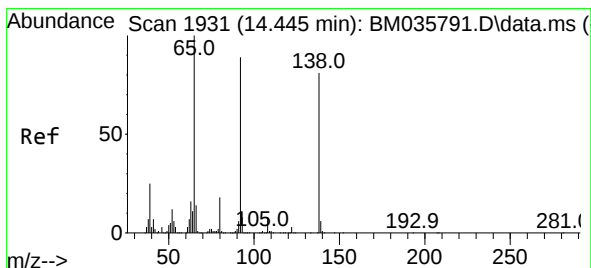
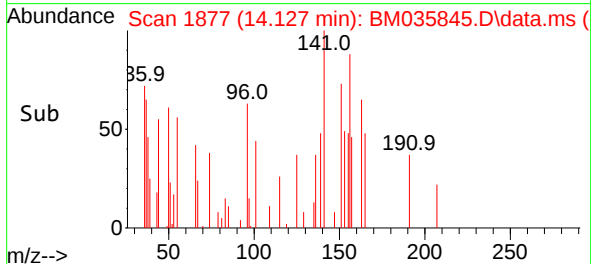
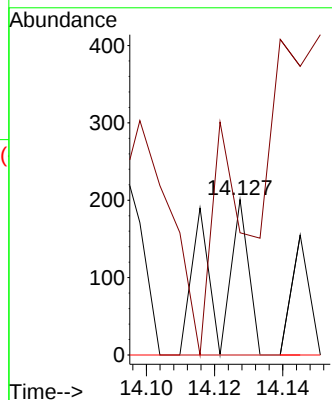
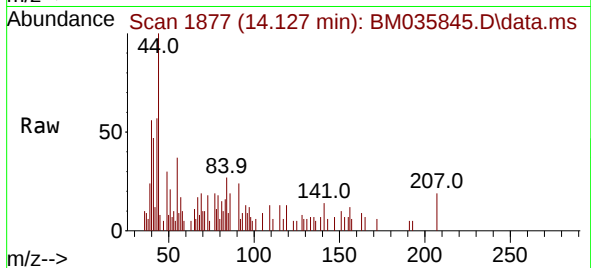




#51
2,6-Dinitrotoluene
Concen: 2.305 ng
RT: 14.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

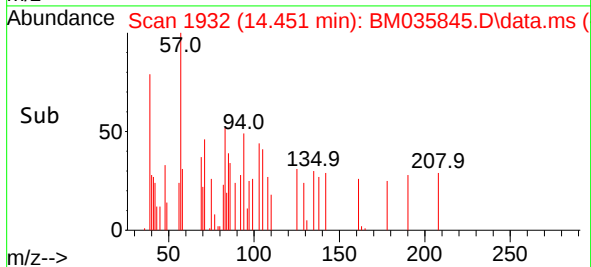
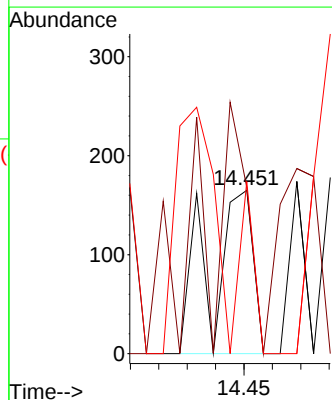
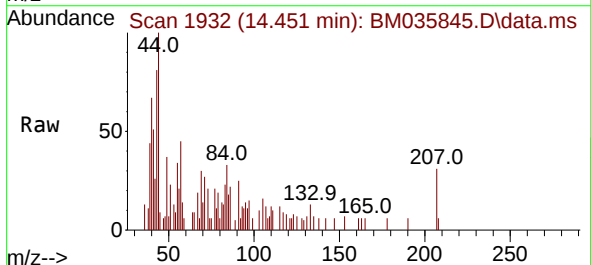
Instrument :
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SW-7-FILT

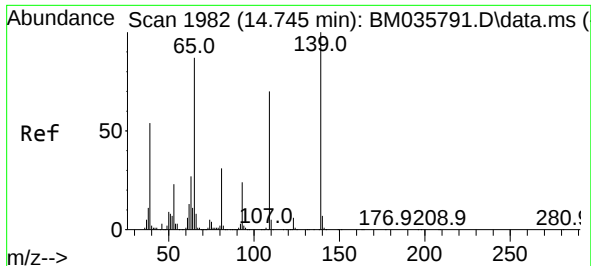
Tgt Ion:165 Resp: 138
Ion Ratio Lower Upper
165 100
63 78.6 50.2 75.2#
89 0.0 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.679 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion:138 Resp: 169
Ion Ratio Lower Upper
138 100
108 101.8 8.7 13.1#
92 105.5 91.5 137.3

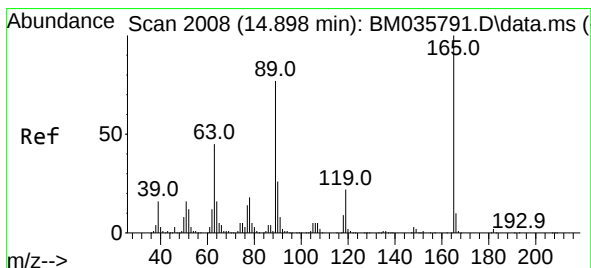
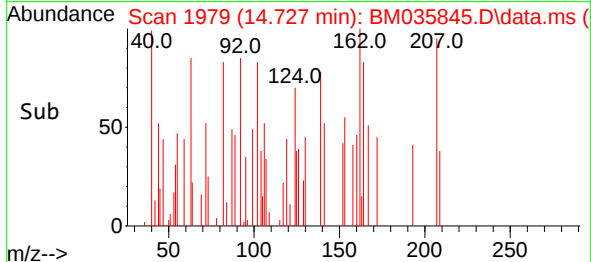
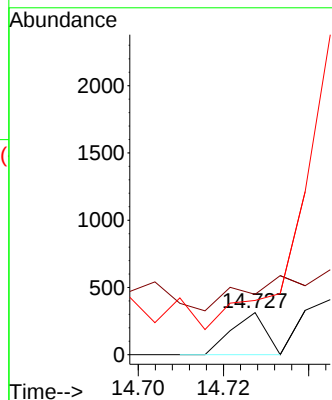
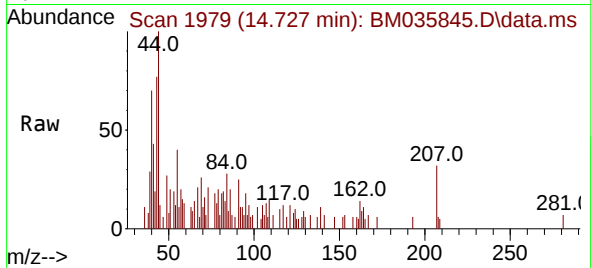




#56
4-Nitrophenol
Concen: 4.063 ng
RT: 14.727 min Scan# 1982
Delta R.T. -0.018 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

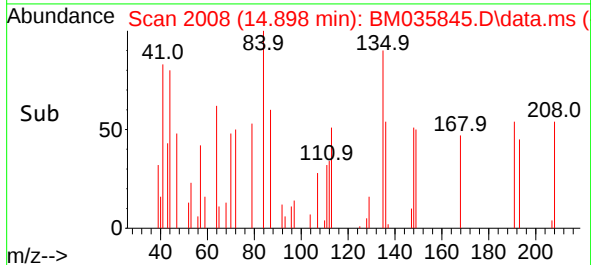
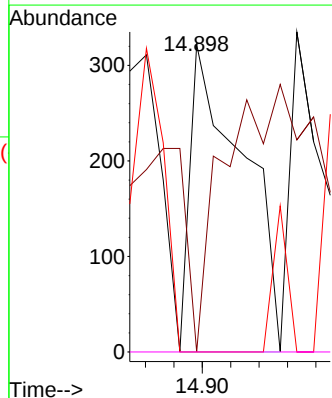
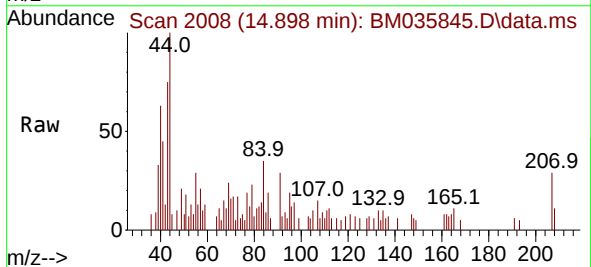
Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

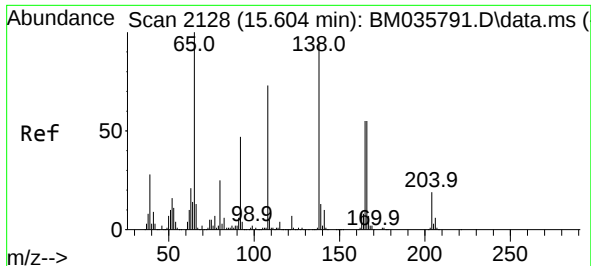
Tgt Ion:139 Resp: 174
Ion Ratio Lower Upper
139 100
109 143.5 62.5 102.5#
65 128.8 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.358 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion:165 Resp: 414
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

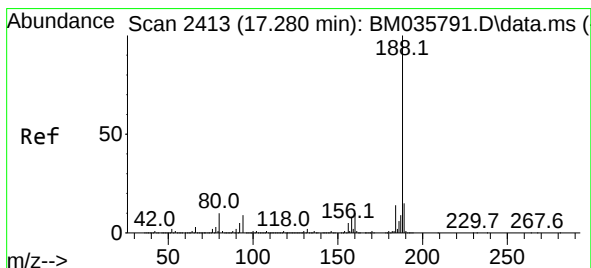
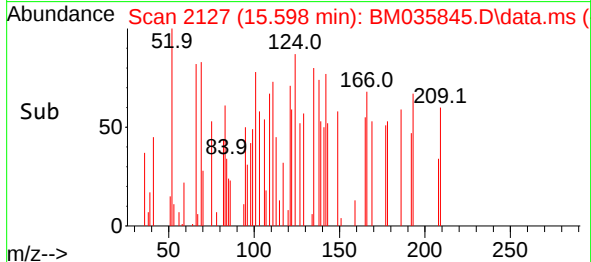
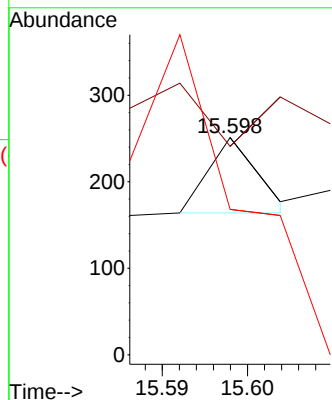
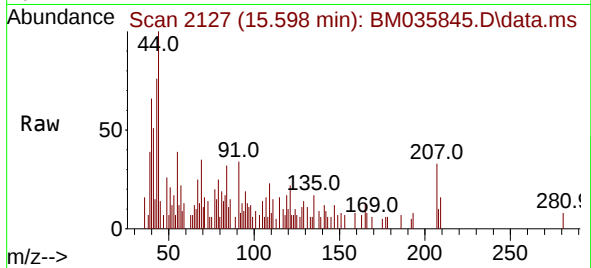




#62
4-Nitroaniline
Concen: 2.802 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

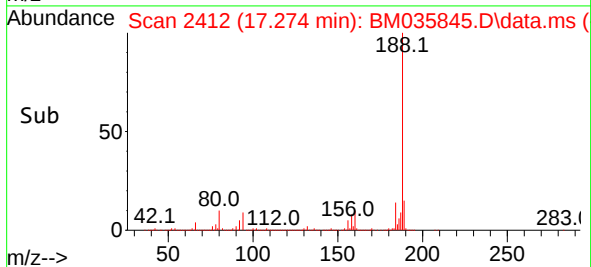
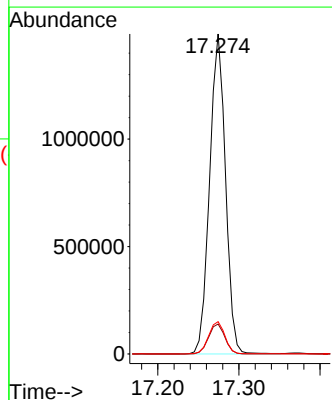
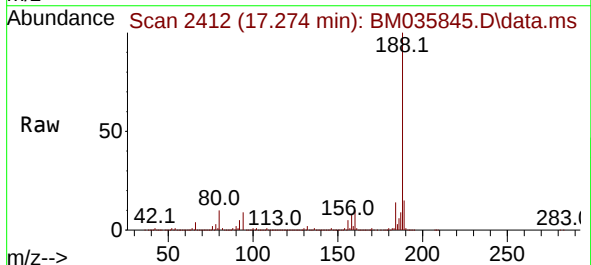
Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

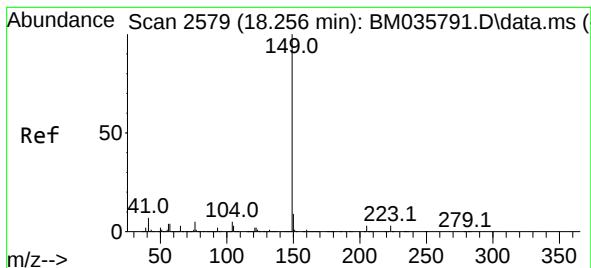
Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 96.0 30.8 70.8#
108 66.9 65.7 105.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion:188 Resp: 2019257
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 7.6 11.4





#74

Di-n-butylphthalate

Concen: 2.431 ng

RT: 18.251 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

Instrument :

BNA_M

ClientSampleId :

SW-7-FILT

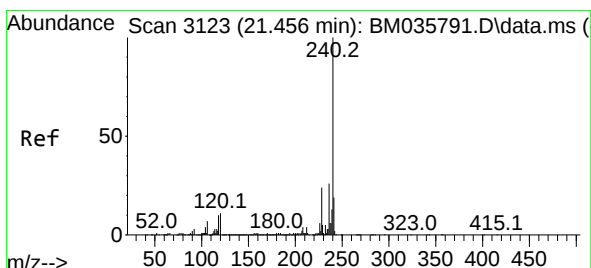
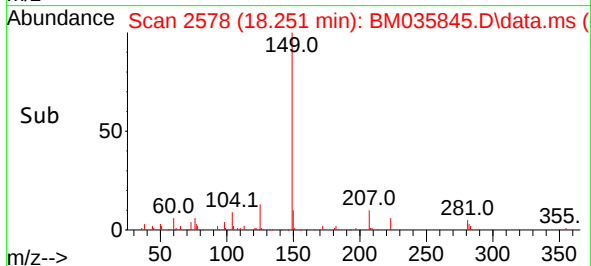
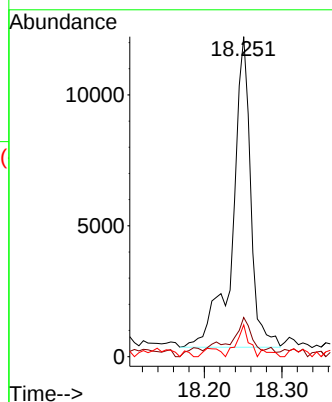
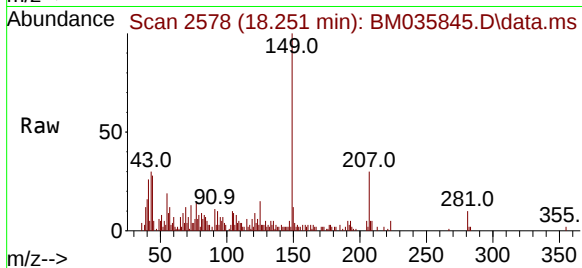
Tgt Ion:149 Resp: 19340

Ion Ratio Lower Upper

149 100

150 12.3 7.3 10.9#

104 9.9 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3121

Delta R.T. -0.011 min

Lab File: BM035845.D

Acq: 16 Jul 2022 00:16

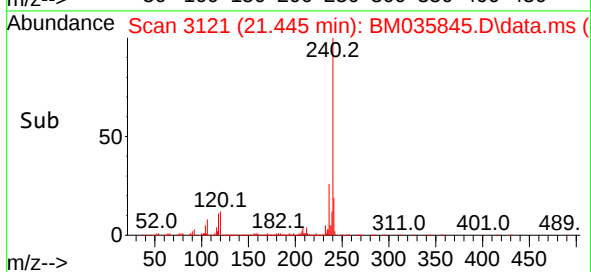
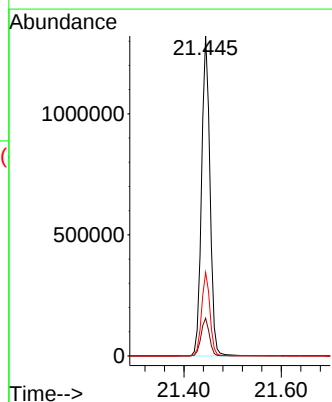
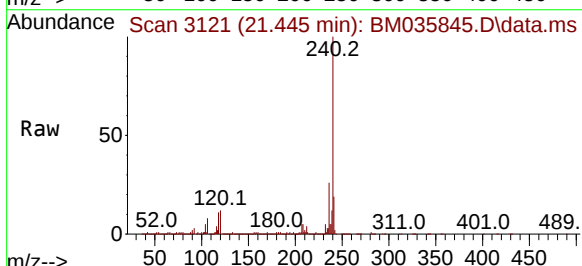
Tgt Ion:240 Resp: 1592809

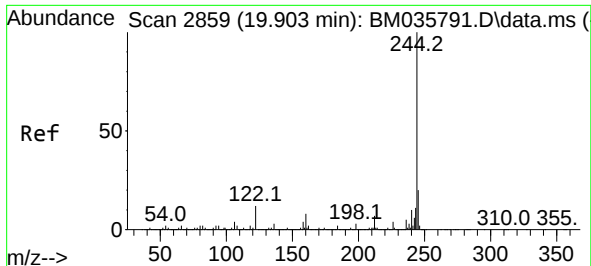
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 26.1 20.6 30.8

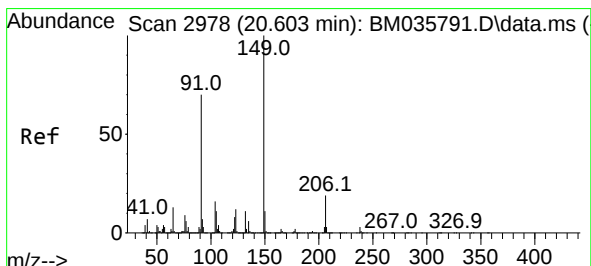
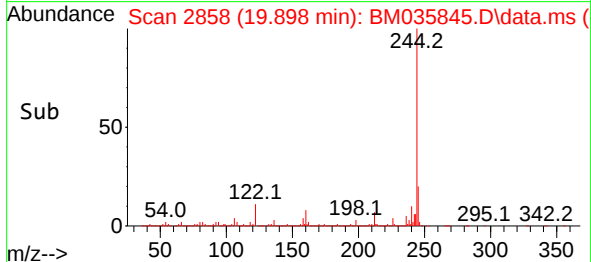
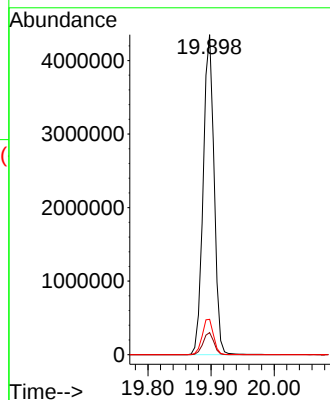
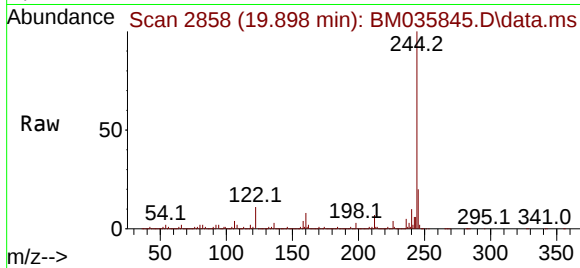




#79
 Terphenyl-d14
 Concen: 63.592 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.005 min
 Lab File: BM035845.D
 Acq: 16 Jul 2022 00:16

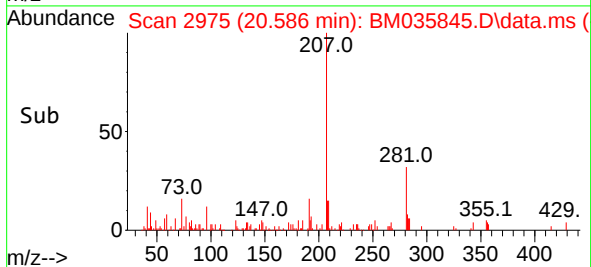
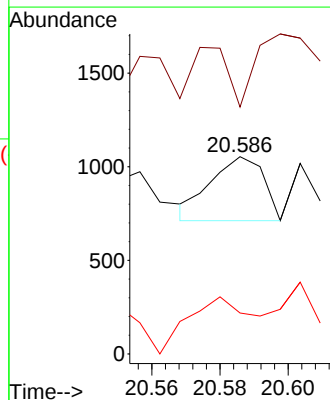
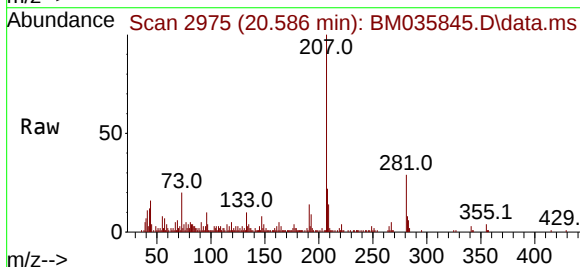
Instrument :
 BNA_M
 ClientSampleId :
 SW-7-FILT

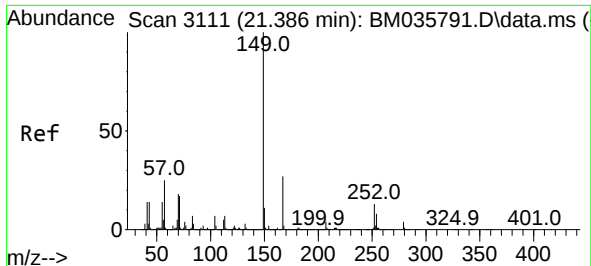
Tgt Ion:244 Resp: 5217906
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 11.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.170 ng
 RT: 20.586 min Scan# 2975
 Delta R.T. -0.017 min
 Lab File: BM035845.D
 Acq: 16 Jul 2022 00:16

Tgt Ion:149 Resp: 366
 Ion Ratio Lower Upper
 149 100
 91 125.1 56.6 85.0#
 206 20.8 15.4 23.0

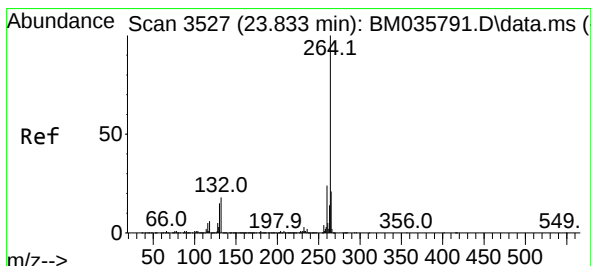
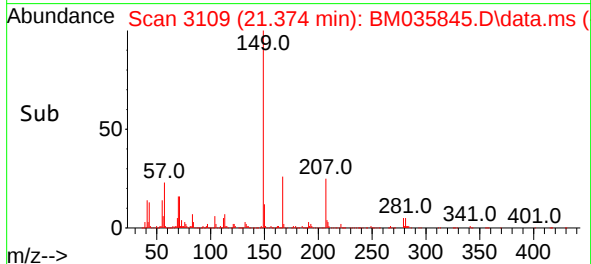
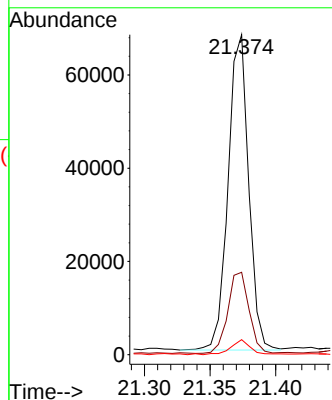
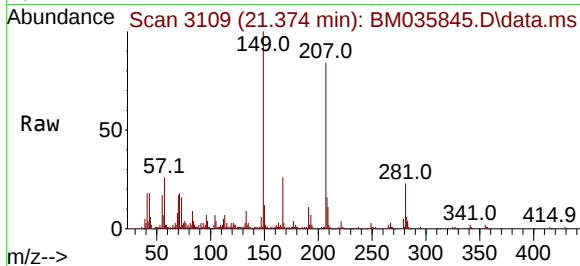




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.523 ng
RT: 21.374 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Instrument :
BNA_M
ClientSampleId :
SW-7-FILT

Tgt Ion:149 Resp: 73711
Ion Ratio Lower Upper
149 100
167 25.8 21.1 31.7
279 4.7 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BM035845.D
Acq: 16 Jul 2022 00:16

Tgt Ion:264 Resp: 1296161
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.0 17.5 26.3

