

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024978.D
 Acq On : 18 Apr 2023 14:55
 Operator : CG/JU
 Sample : 02358-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMBINE-EFFULENT

Quant Time: Apr 18 16:18:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

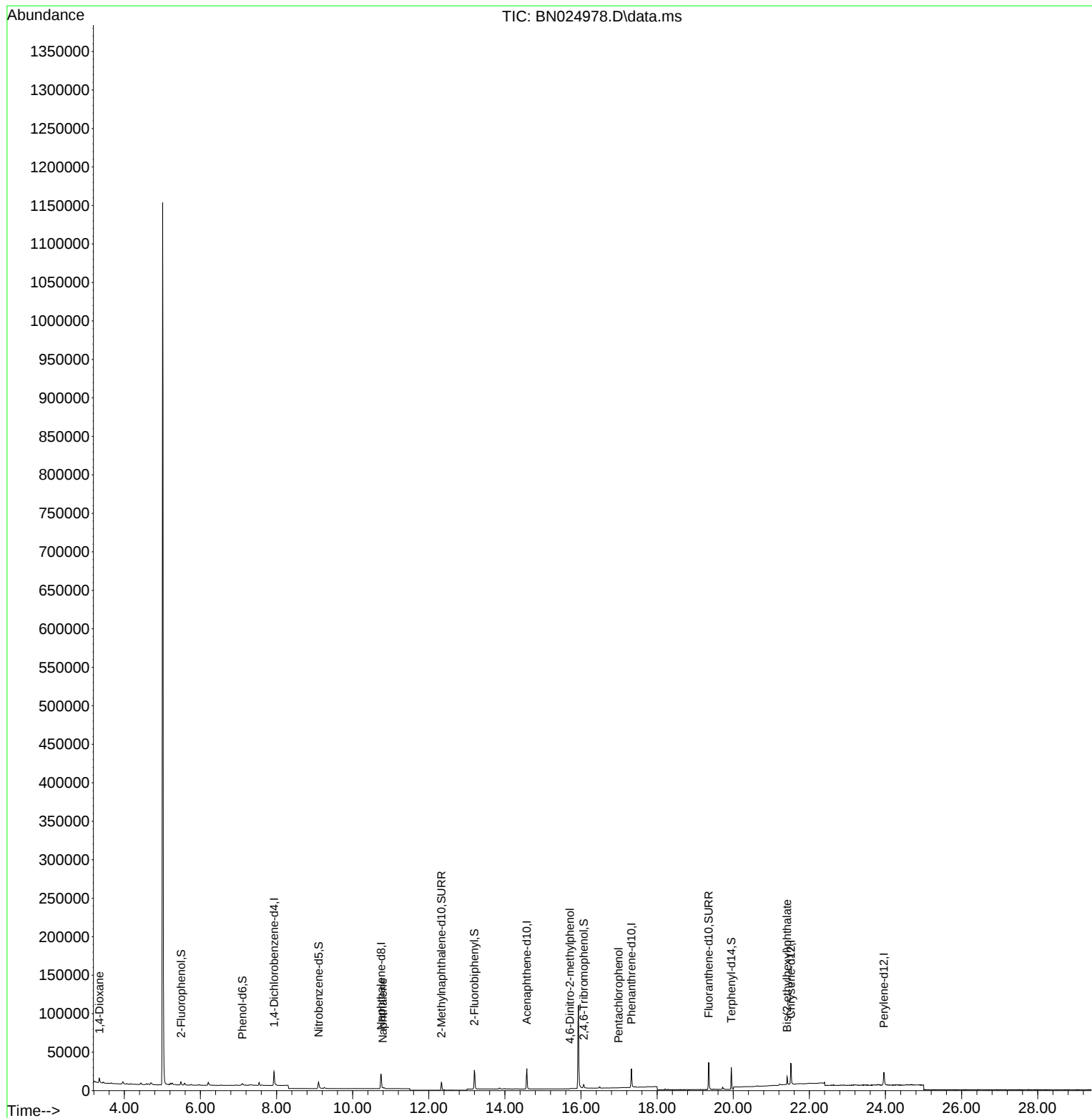
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9095	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	27472	0.400	ng	0.00
13) Acenaphthene-d10	14.576	164	15106	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	32566	0.400	ng	0.00
29) Chrysene-d12	21.513	240	27250	0.400	ng	# 0.00
35) Perylene-d12	23.958	264	23458	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.492	112	3425	0.163	ng	0.00
5) Phenol-d6	7.102	99	2525	0.095	ng	0.00
8) Nitrobenzene-d5	9.106	82	8117	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	14950	0.411	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2743	0.404	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	22569	0.391	ng	-0.01
27) Fluoranthene-d10	19.355	212	39154	0.530	ng	0.00
31) Terphenyl-d14	19.949	244	37311	0.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	3575	0.358	ng	# 87
9) Naphthalene	10.793	128	1416	0.020	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.710	198	9	0.176	ng	# 1
24) Pentachlorophenol	16.988	266	33	0.222	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.414	149	10099	0.204	ng	98

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

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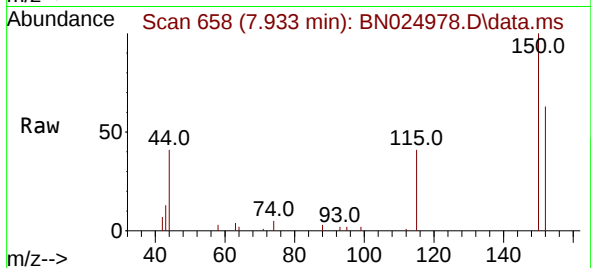
Quant Time: Apr 18 16:18:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
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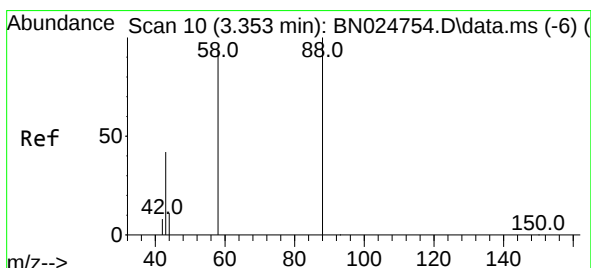
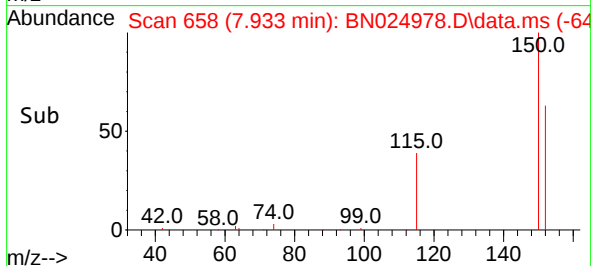
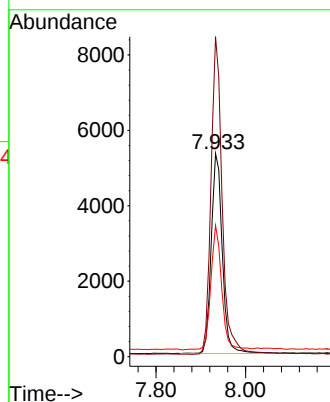


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Instrument :
BNA_N
ClientSampleId :
COMBINE-EFFULENT

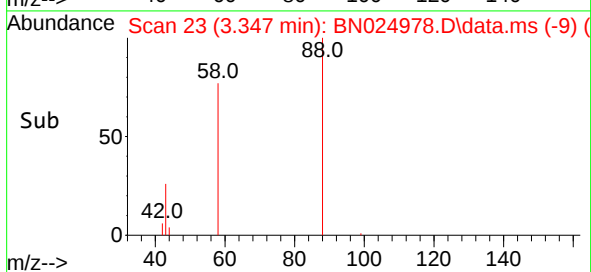
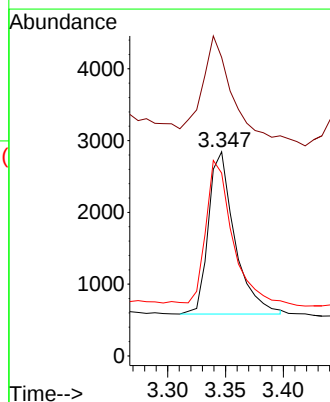
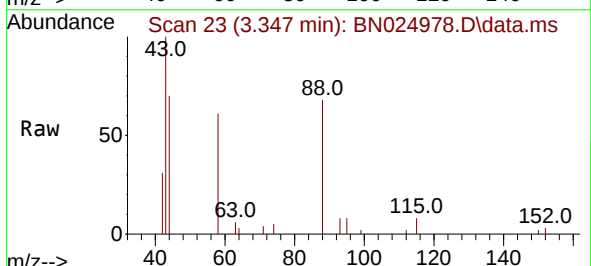


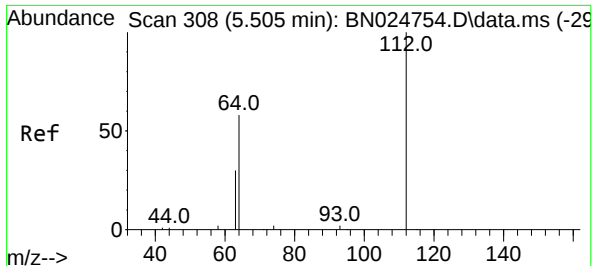
Tgt Ion:152 Resp: 9095
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.8
115 64.5 48.3 72.5



#2
1,4-Dioxane
Concen: 0.358 ng
RT: 3.347 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion: 88 Resp: 3575
Ion Ratio Lower Upper
88 100
43 65.4 35.2 52.8#
58 86.0 71.4 107.2

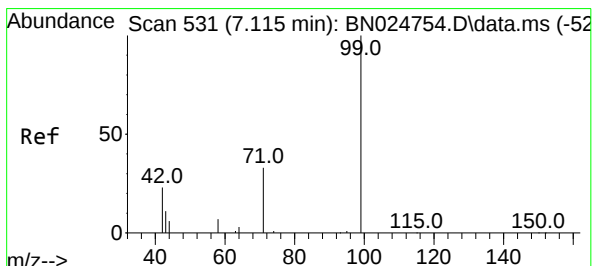
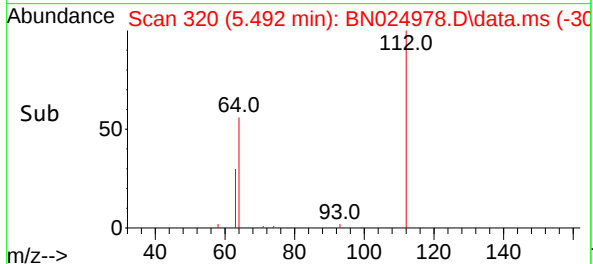
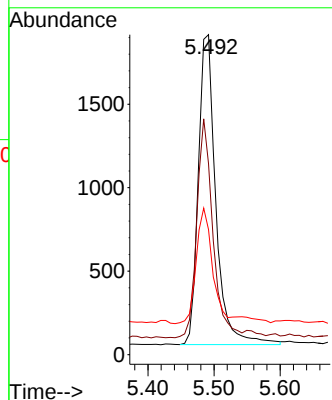
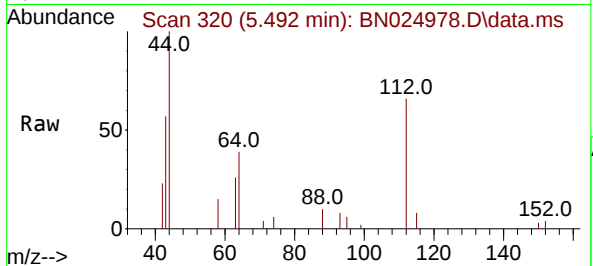




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.492 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

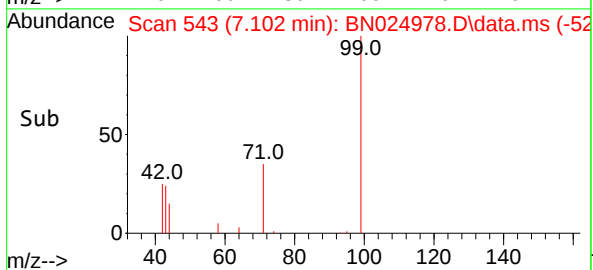
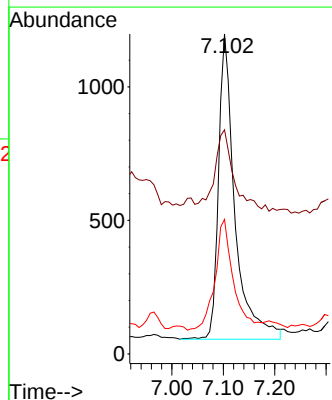
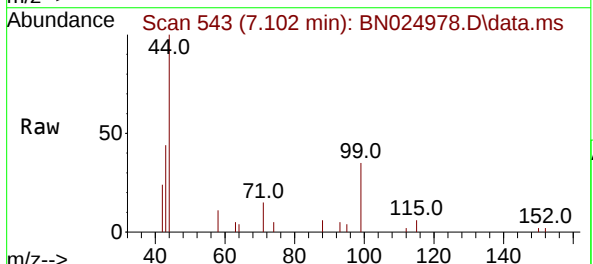
Instrument :
BNA_N
ClientSampleId :
COMBINE-EFFULENT

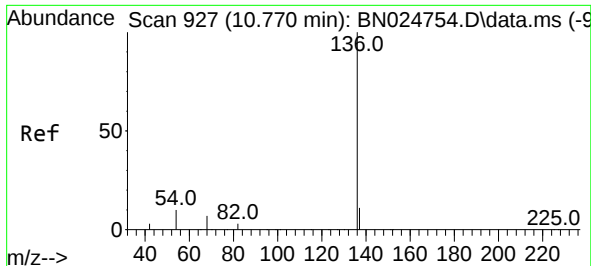
Tgt Ion:112 Resp: 3425
Ion Ratio Lower Upper
112 100
64 64.5 52.5 78.7
63 34.6 27.9 41.9



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.102 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion: 99 Resp: 2525
Ion Ratio Lower Upper
99 100
42 30.2 22.8 34.2
71 41.2 28.2 42.2

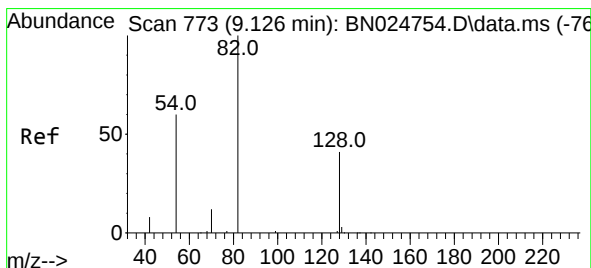
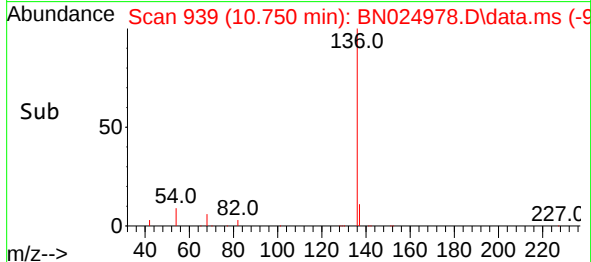
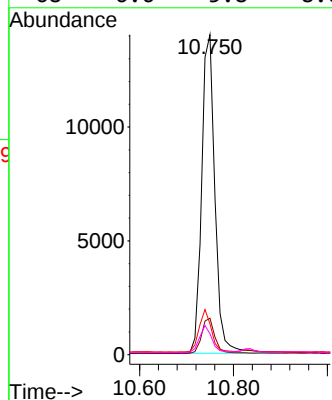
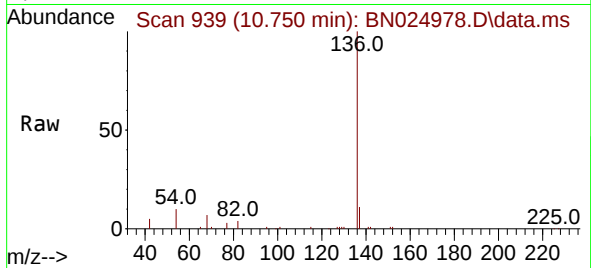




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

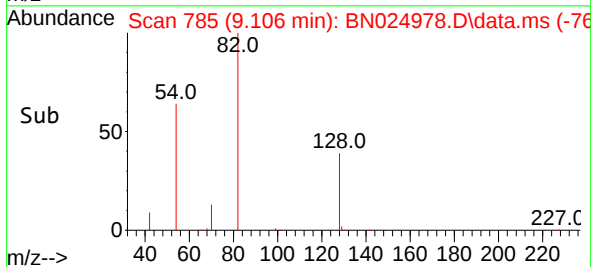
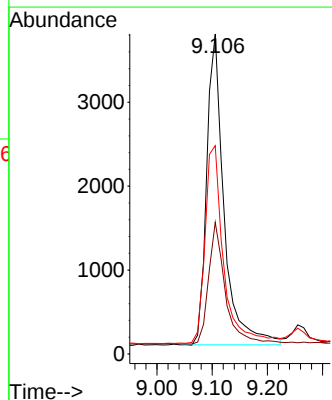
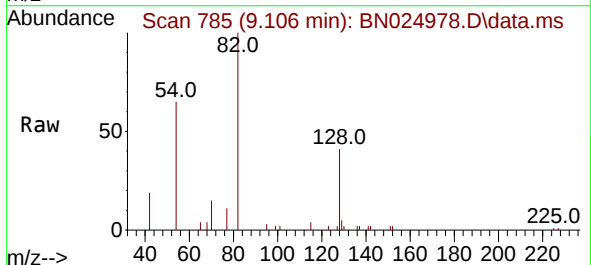
Instrument :
BNA_N
ClientSampleId :
COMBINE-EFFULENT

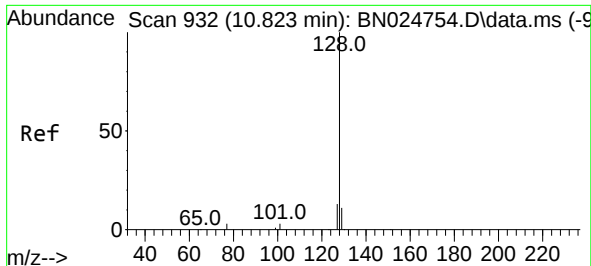
Tgt Ion:136 Resp: 27472
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.7 8.2 12.4
68 6.6 5.8 8.6



#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.106 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion: 82 Resp: 8117
Ion Ratio Lower Upper
82 100
128 41.2 33.8 50.6
54 65.1 49.4 74.0

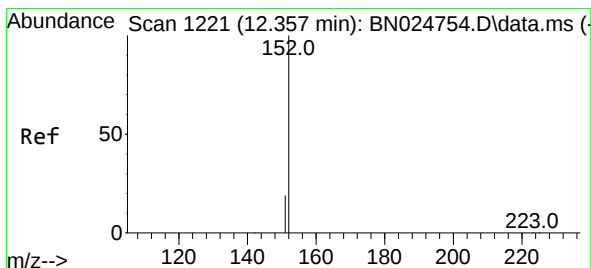
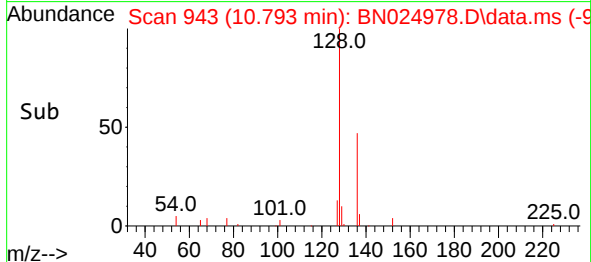
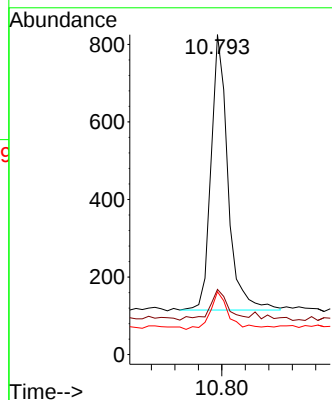
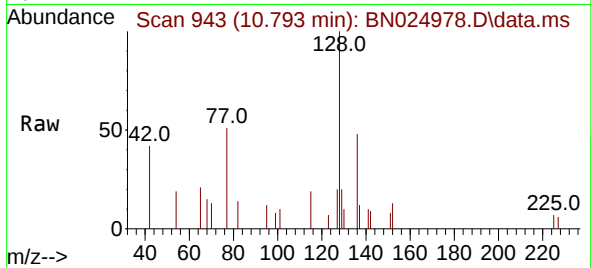




#9
Naphthalene
Concen: 0.020 ng
RT: 10.793 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

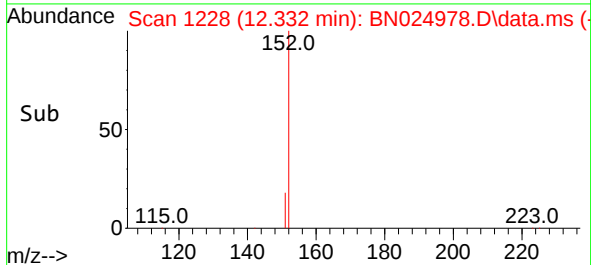
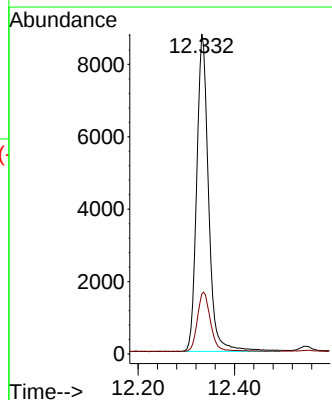
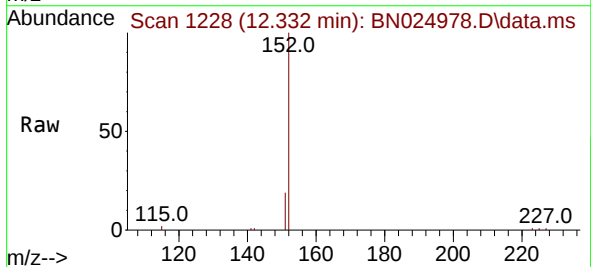
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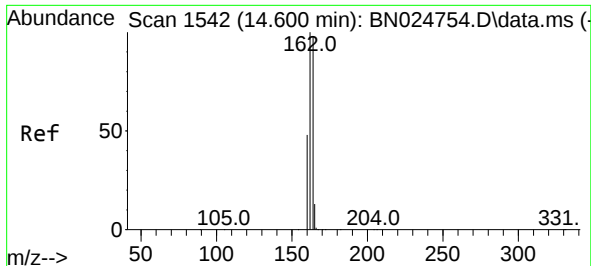
Tgt Ion:128 Resp: 1416
Ion Ratio Lower Upper
128 100
129 20.4 9.0 13.4#
127 19.6 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.332 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion:152 Resp: 14950
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

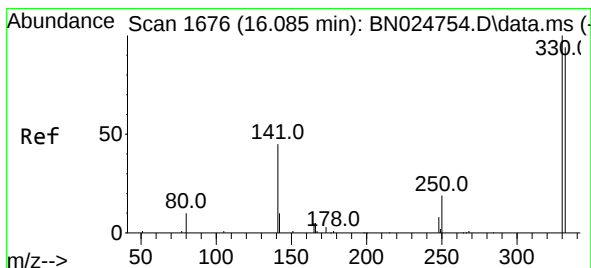
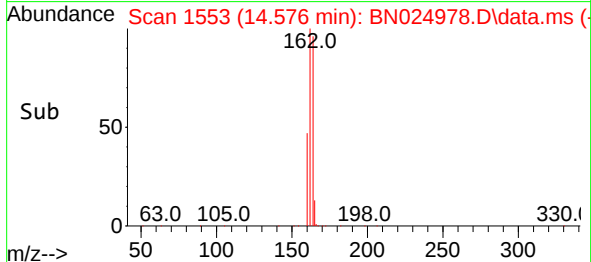
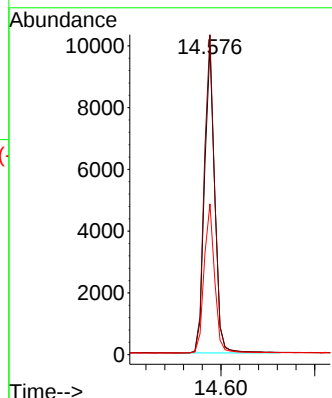
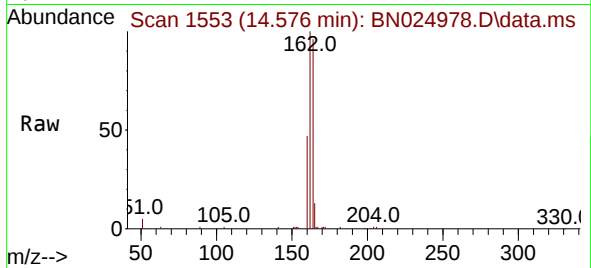




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

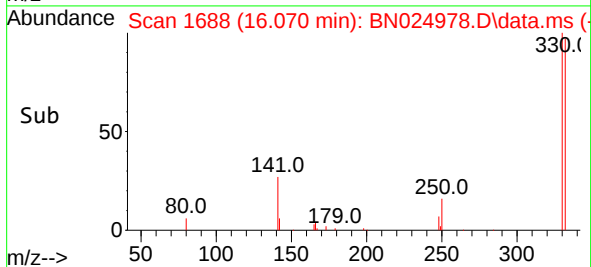
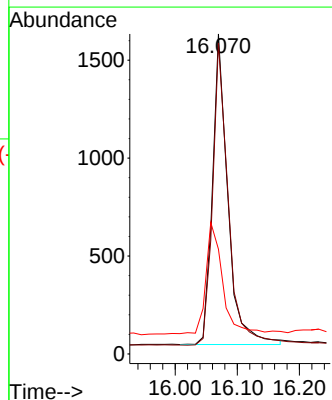
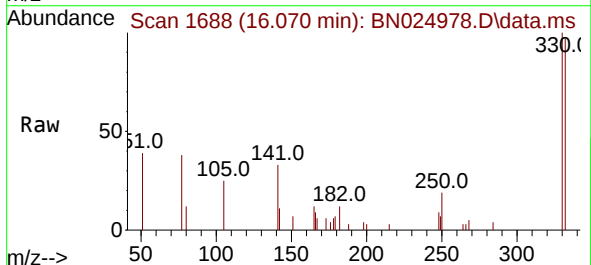
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ClientSampleId :
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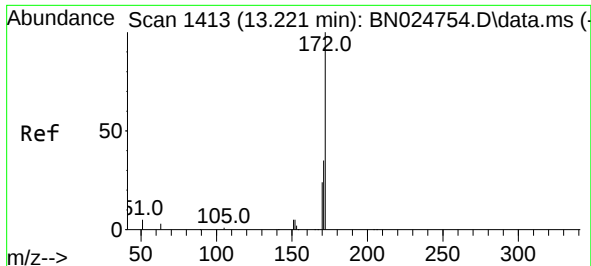
Tgt Ion:164 Resp: 15106
Ion Ratio Lower Upper
164 100
162 103.8 81.9 122.9
160 48.9 39.2 58.8



#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion:330 Resp: 2743
Ion Ratio Lower Upper
330 100
332 98.5 77.9 116.9
141 38.4 31.0 46.6

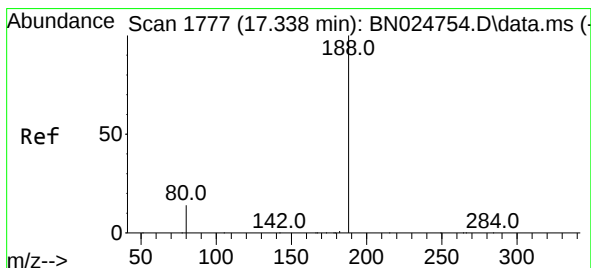
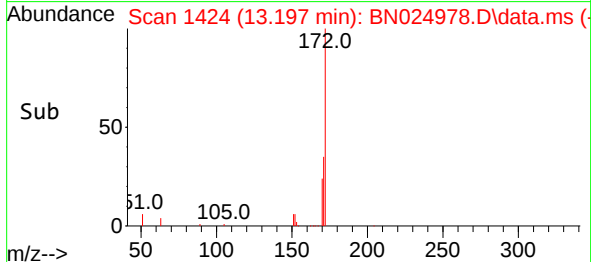
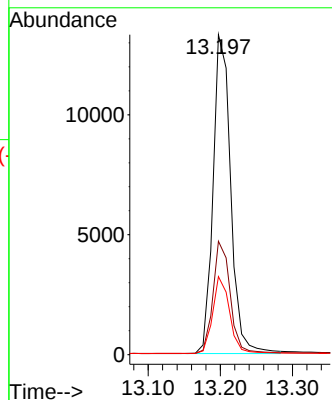
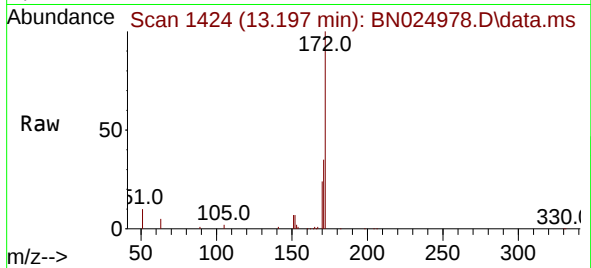




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.197 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

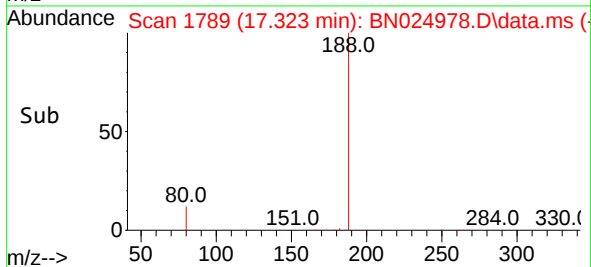
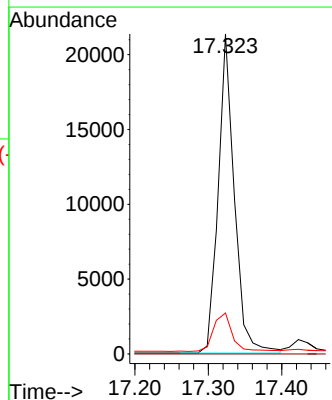
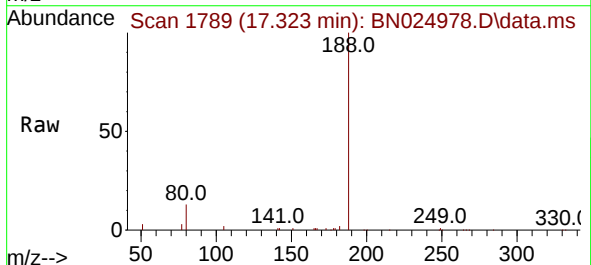
Instrument :
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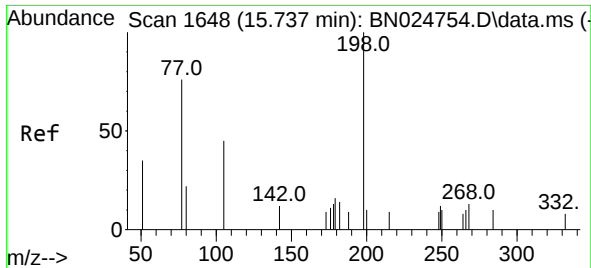
Tgt Ion:172	Resp:	22569
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.2 42.2
170	24.4	19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion:188	Resp:	32566
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.8	11.3 16.9

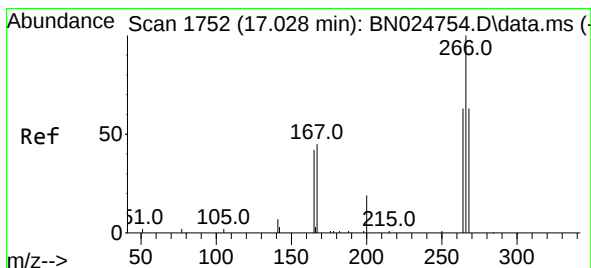
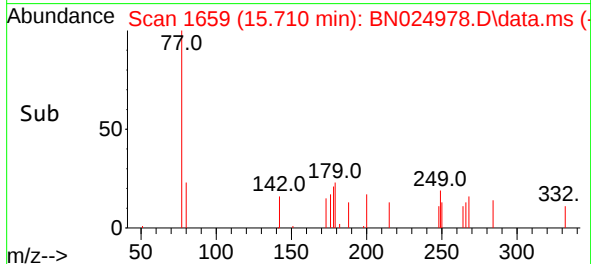
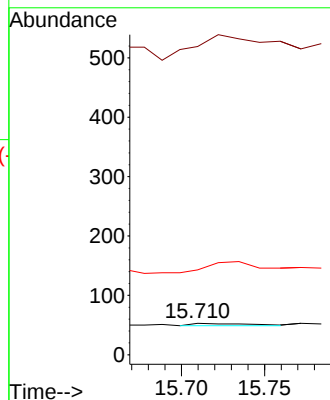
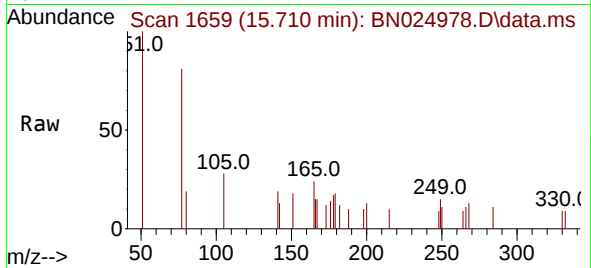




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

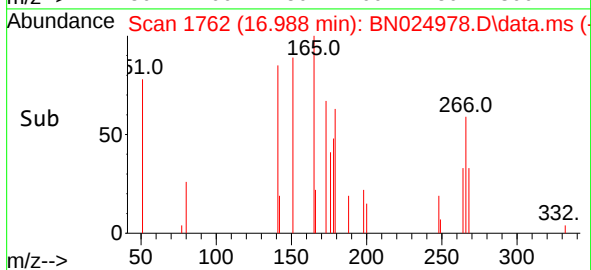
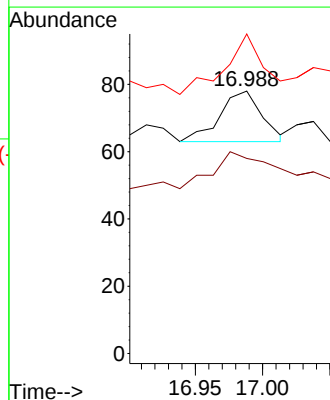
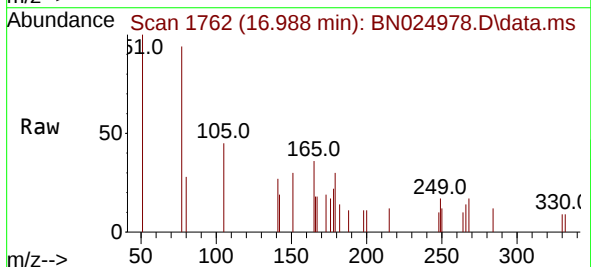
Instrument :
BNA_N
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COMBINE-EFFULENT

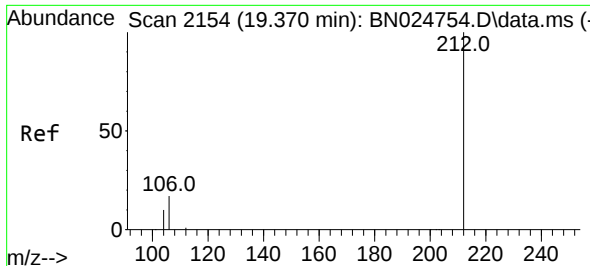
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 979.2 99.8 149.8#
105 269.8 49.4 74.0#



#24
Pentachlorophenol
Concen: 0.222 ng
RT: 16.988 min Scan# 1762
Delta R.T. 0.012 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 136.4 46.1 69.1#
268 109.1 46.7 70.1#

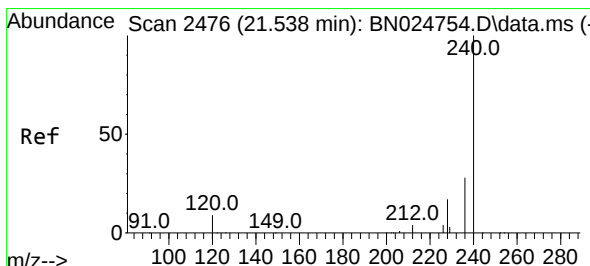
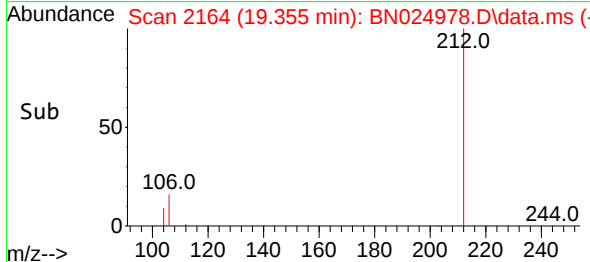
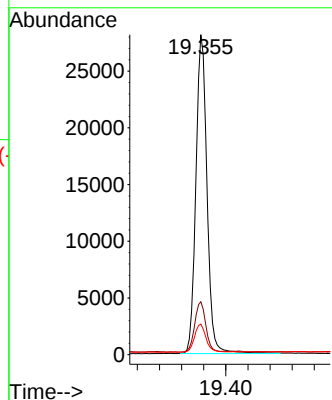
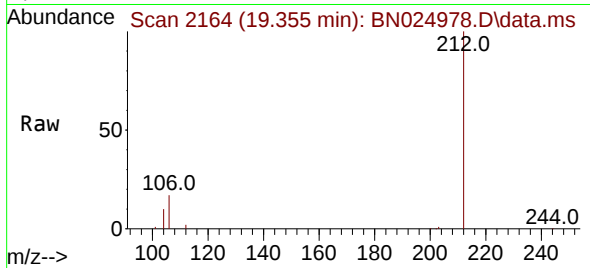




#27
Fluoranthene-d10
Concen: 0.530 ng
RT: 19.355 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

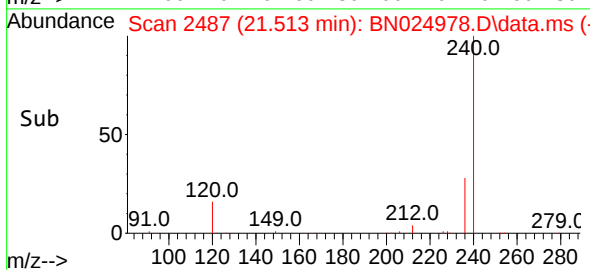
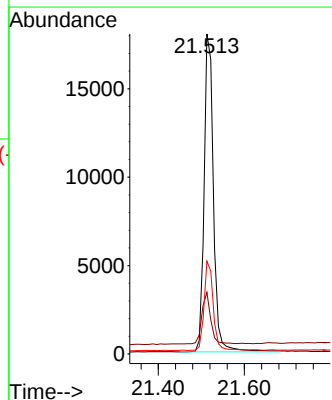
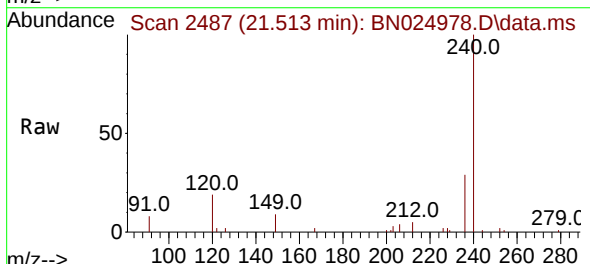
Instrument :
BNA_N
ClientSampleId :
COMBINE-EFFULENT

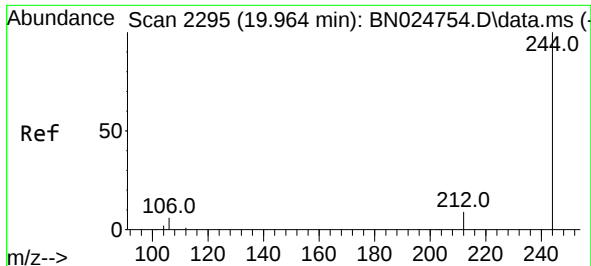
Tgt Ion:212 Resp: 39154
Ion Ratio Lower Upper
212 100
106 15.9 13.2 19.8
104 9.1 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.513 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BN024978.D
Acq: 18 Apr 2023 14:55

Tgt Ion:240 Resp: 27250
Ion Ratio Lower Upper
240 100
120 19.2 8.8 13.2#
236 29.0 22.6 34.0

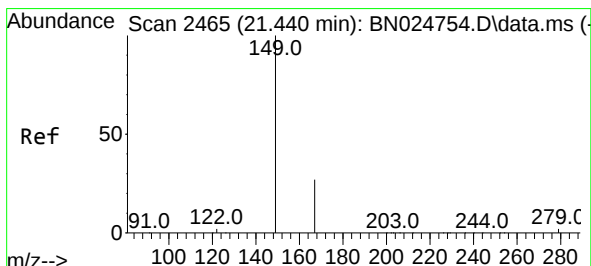
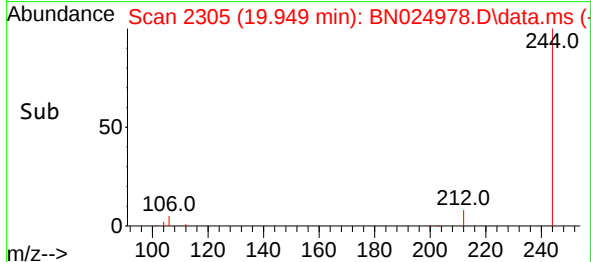
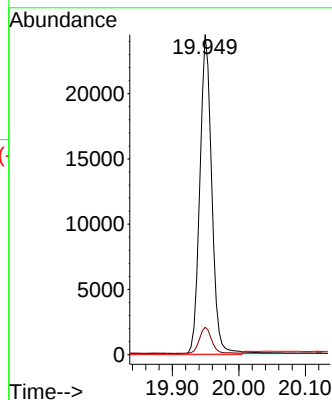
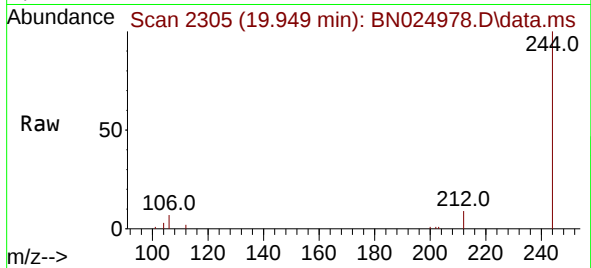




#31
 Terphenyl-d14
 Concen: 0.604 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024978.D
 Acq: 18 Apr 2023 14:55

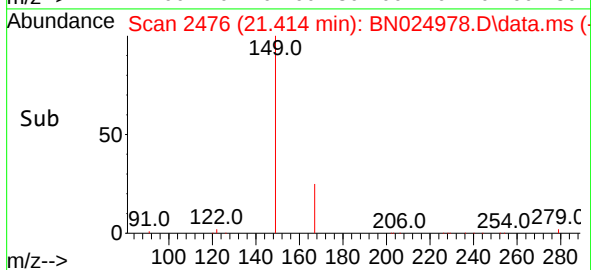
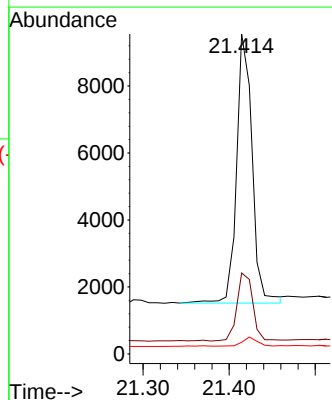
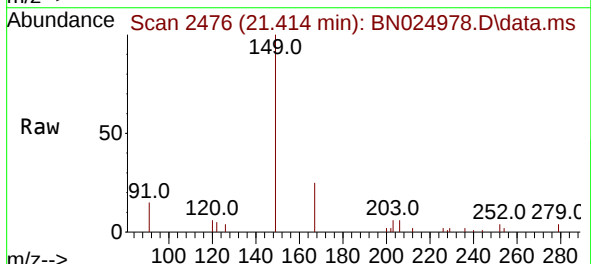
Instrument :
 BNA_N
 ClientSampleId :
 COMBINE-EFFULENT

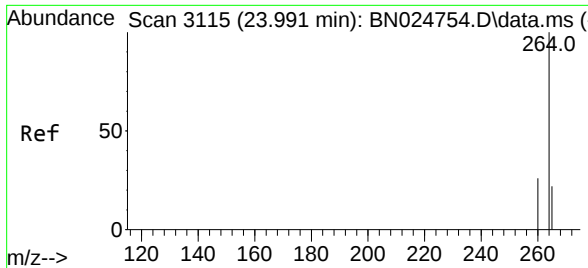
Tgt Ion:244 Resp: 37311
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 21.414 min Scan# 2476
 Delta R.T. -0.009 min
 Lab File: BN024978.D
 Acq: 18 Apr 2023 14:55

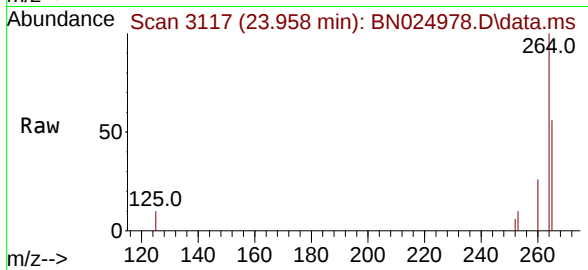
Tgt Ion:149 Resp: 10099
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.2
 279 3.3 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.958 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN024978.D
 Acq: 18 Apr 2023 14:55

Instrument :
 BNA_N
 ClientSampleId :
 COMBINE-EFFULENT



Tgt Ion:264 Resp: 23458

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.8	31.2
265	56.5	46.5	69.7

