

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014142.D
 Acq On : 31 Mar 2021 13:27
 Operator : CG/JU
 Sample : M1842-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20210323

Quant Time: Mar 31 13:56:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

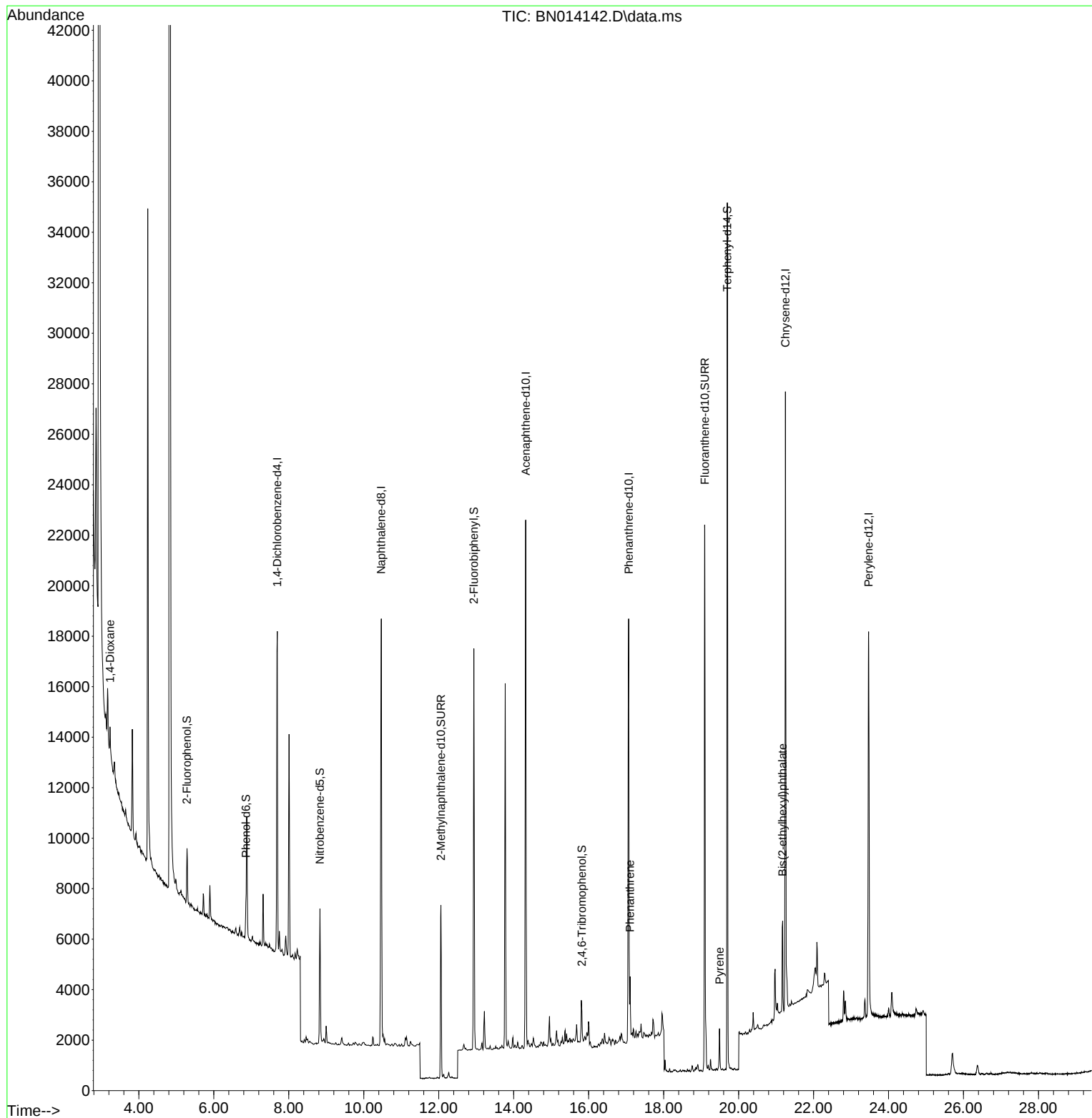
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6160	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	22691	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	11802	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	23778	0.40	ng	0.00
29) Chrysene-d12	21.250	240	22235	0.40	ng	0.00
36) Perylene-d12	23.469	264	21153	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1600	0.10	ng	0.00
5) Phenol-d6	6.855	99	1093	0.05	ng	0.00
8) Nitrobenzene-d5	8.832	82	4196	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	9230	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1185	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	13136	0.30	ng	0.00
27) Fluoranthene-d10	19.099	212	24824	0.40	ng	0.00
31) Terphenyl-d14	19.700	244	32933	0.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	1073	0.14	ng	# 78
25) Phenanthrene	17.104	178	2631	0.04	ng	# 94
30) Pyrene	19.491	202	1508	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.176	149	3984	0.21	ng	# 99

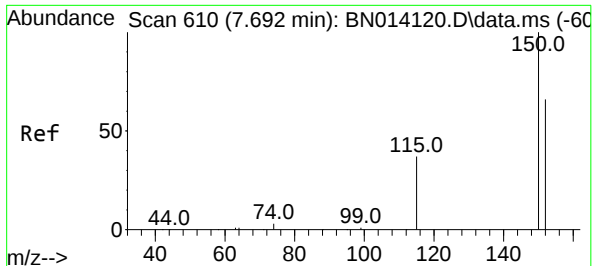
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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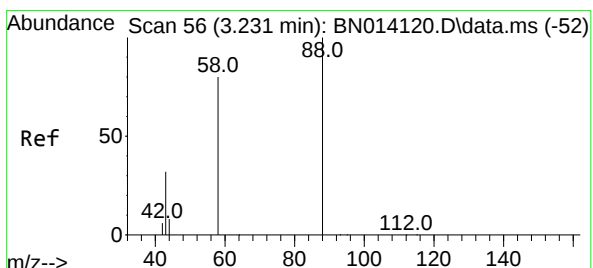
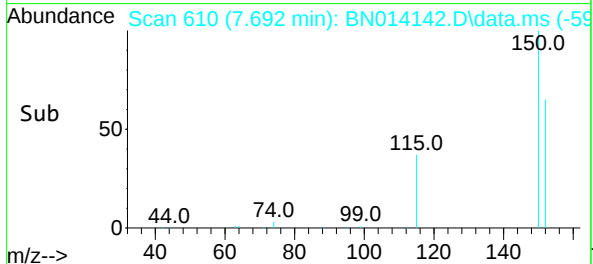
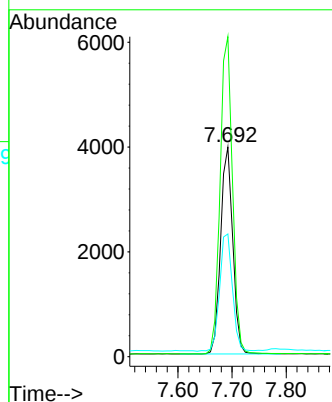
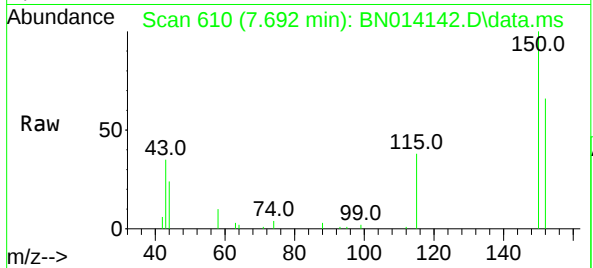




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014142.D
 Acq: 31 Mar 2021 13:27

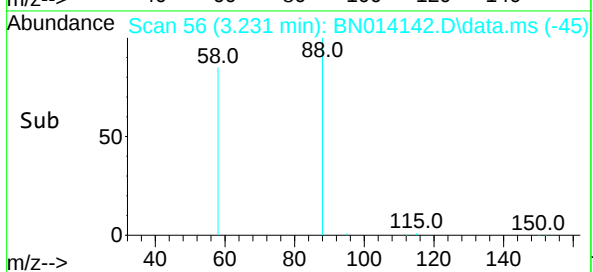
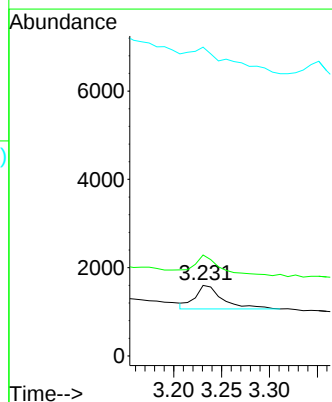
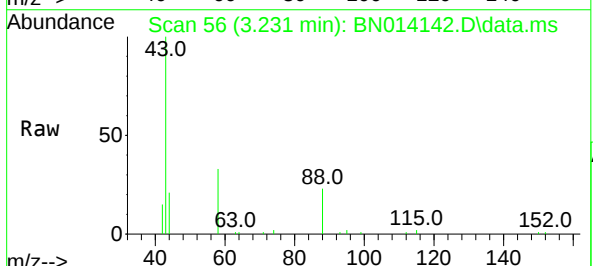
Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20210323

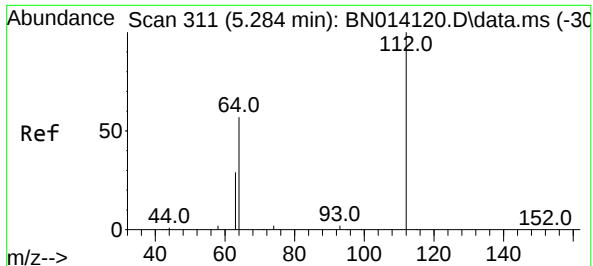
Tgt Ion:152 Resp: 6160
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.2 181.8
 115 58.5 46.2 69.2



#2
 1,4-Dioxane
 Concen: 0.14 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014142.D
 Acq: 31 Mar 2021 13:27

Tgt Ion: 88 Resp: 1073
 Ion Ratio Lower Upper
 88 100
 58 85.6 63.1 94.7
 43 0.0 26.2 39.2#

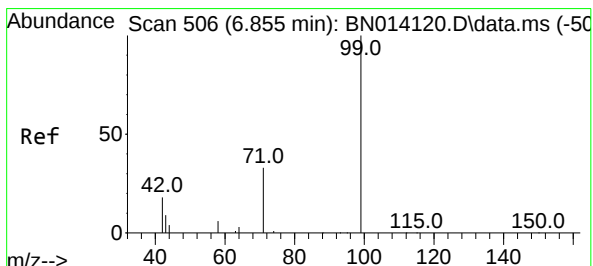
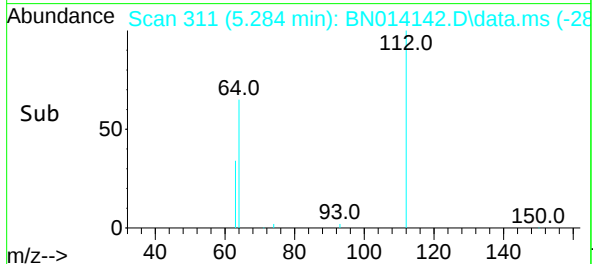
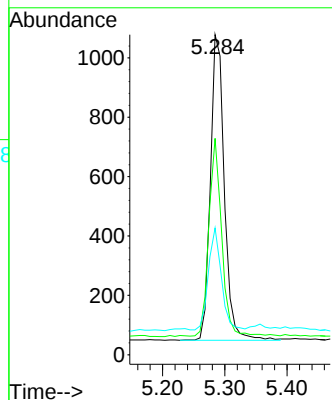
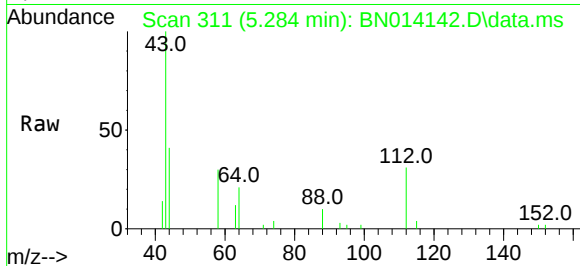




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

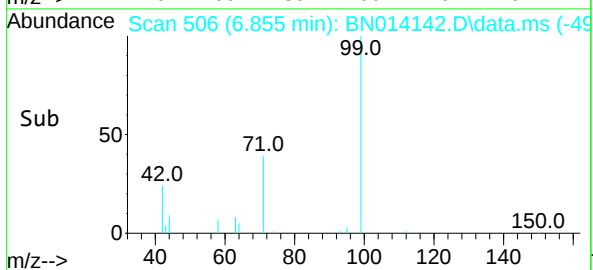
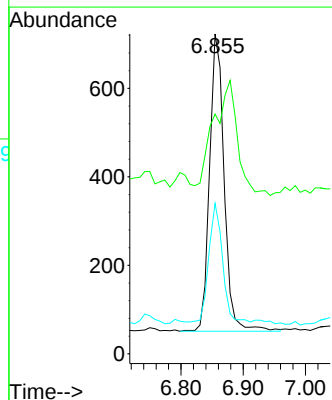
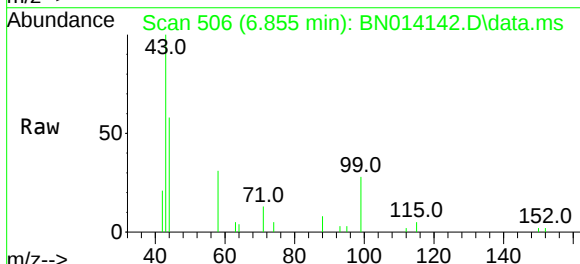
Instrument :
BNA_N
ClientSampleId :
MW181S-20210323

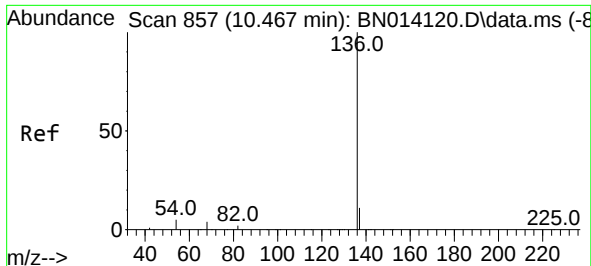
Tgt Ion:112 Resp: 1600
Ion Ratio Lower Upper
112 100
64 59.8 48.3 72.5
63 30.9 25.4 38.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

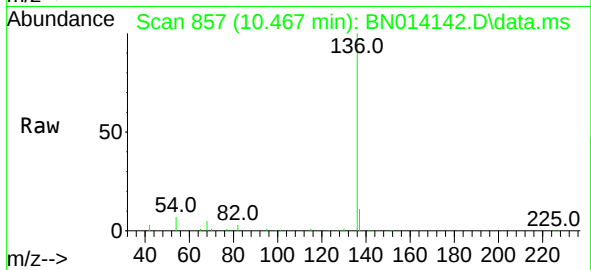
Tgt Ion: 99 Resp: 1093
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 37.2 26.7 40.1



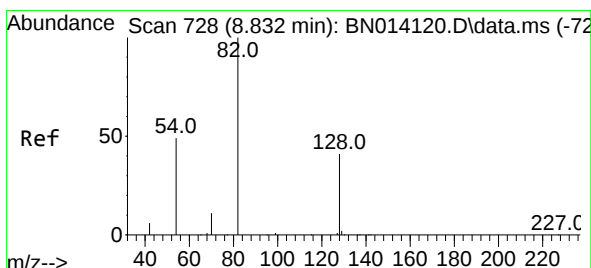
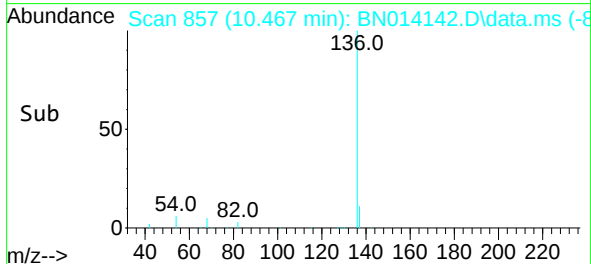
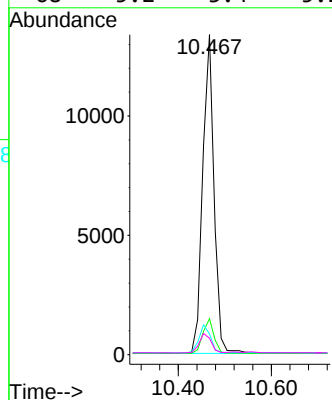


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Instrument :
BNA_N
ClientSampleId :
MW181S-20210323

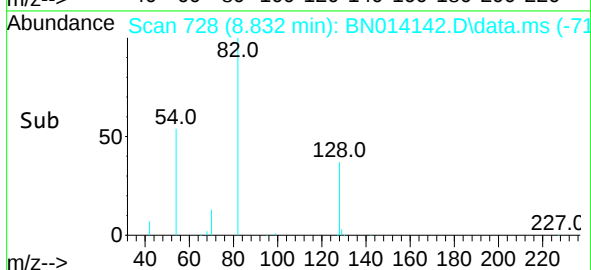
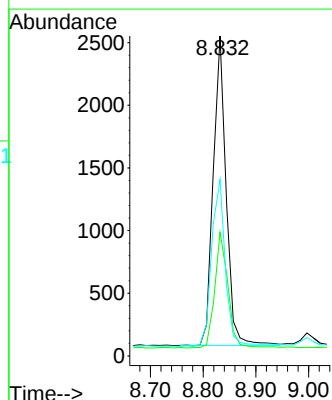
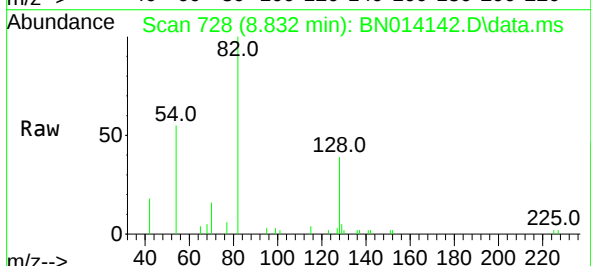


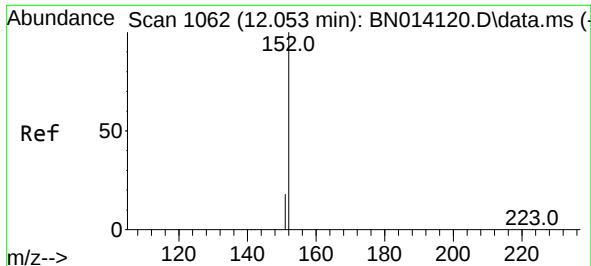
Tgt Ion:	136	Resp:	22691
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	6.5	4.3	6.5#
68	5.2	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:	82	Resp:	4196
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.5	50.3
54	55.2	40.3	60.5

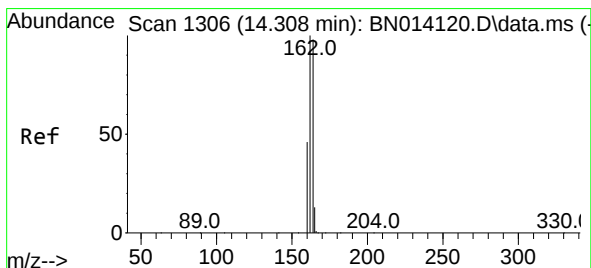
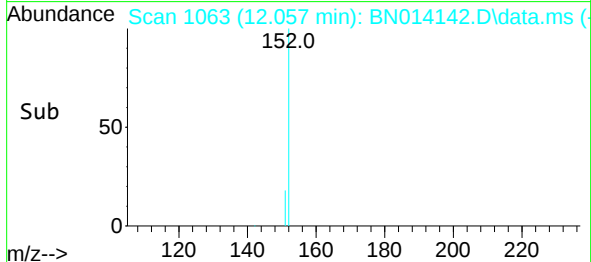
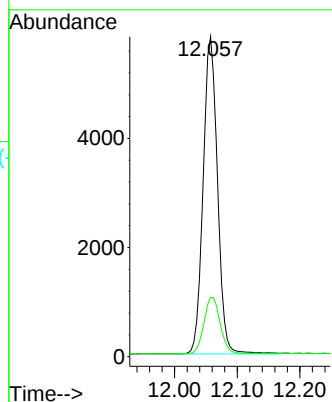
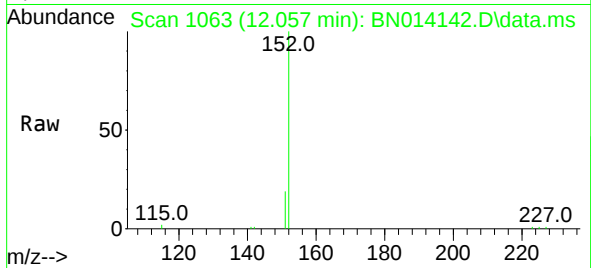




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

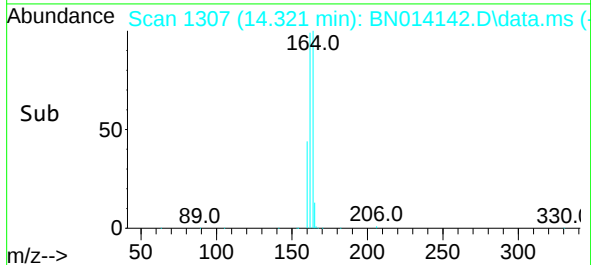
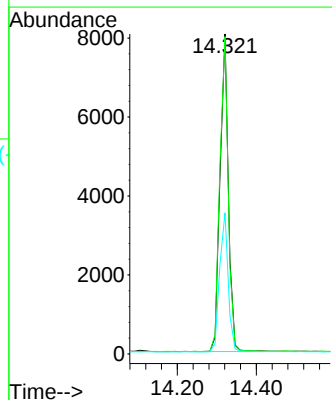
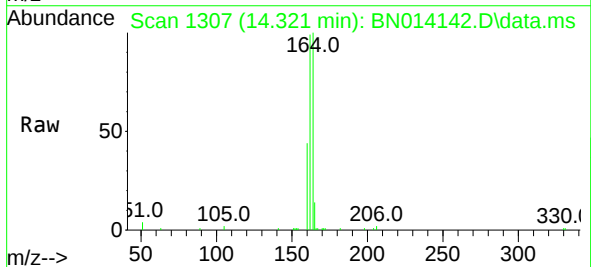
Instrument :
BNA_N
ClientSampleId :
MW181S-20210323

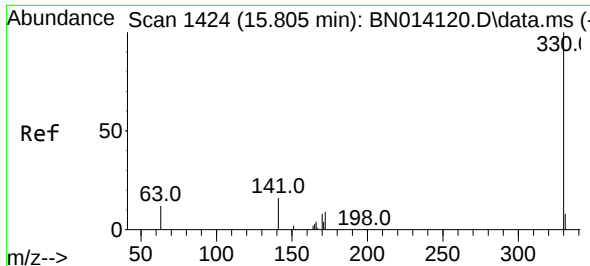
Tgt Ion:152 Resp: 9230
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:164 Resp: 11802
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 44.1 37.5 56.3

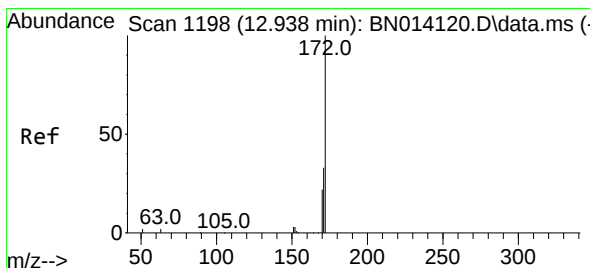
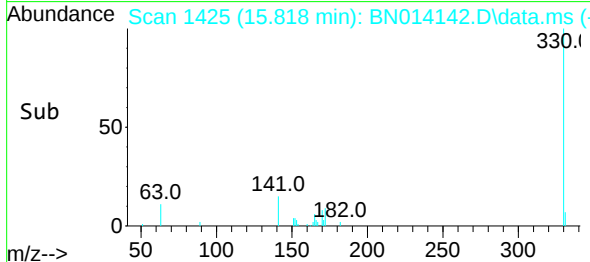
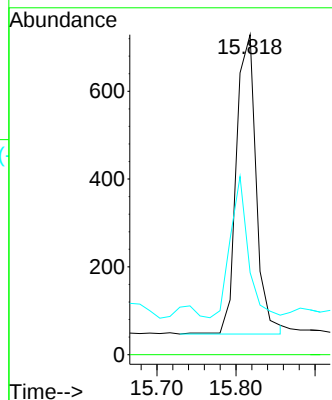
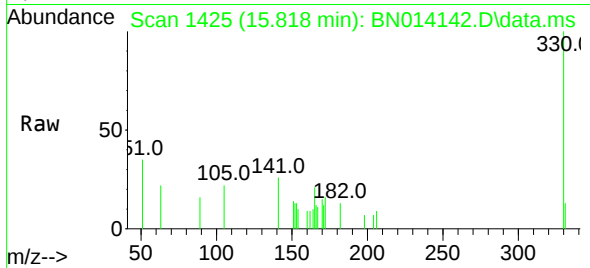




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

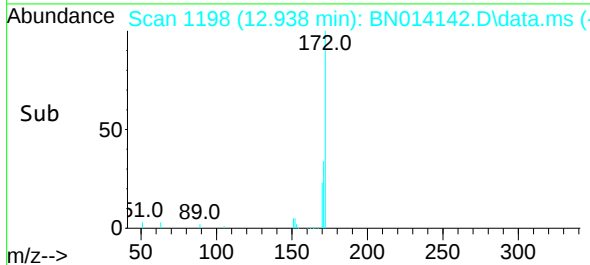
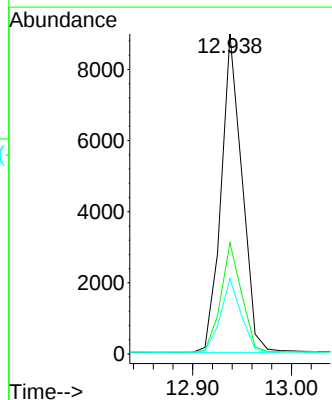
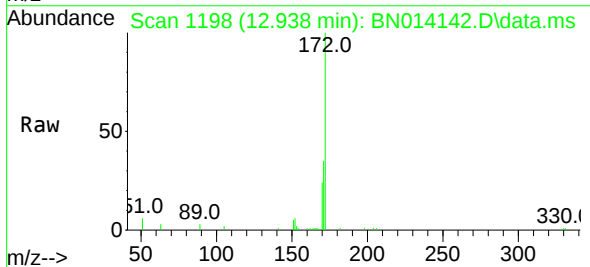
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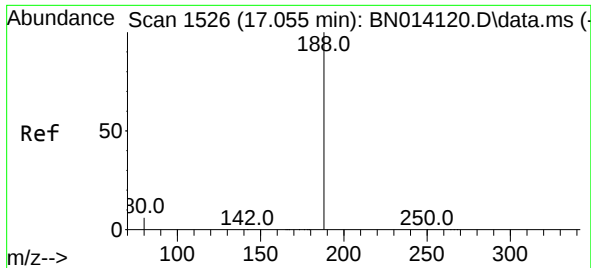
Tgt Ion: 330 Resp: 1185
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.1 31.2 46.8



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion: 172 Resp: 13136
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.6 17.8 26.8

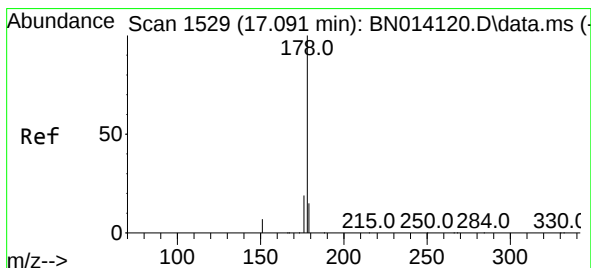
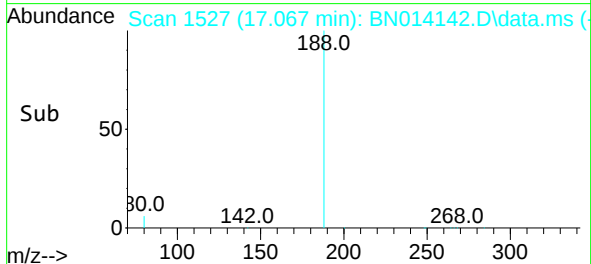
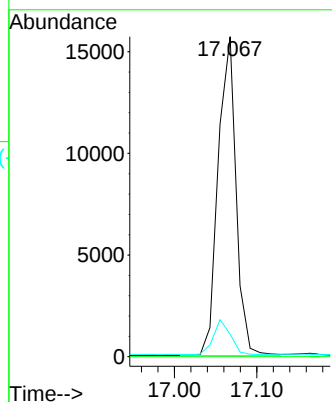
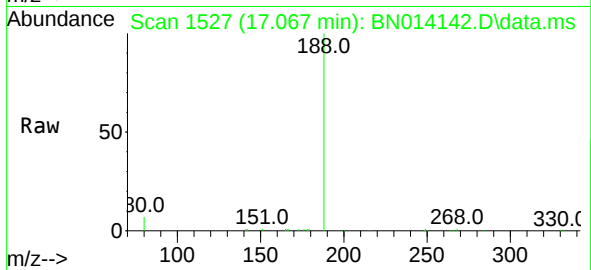




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

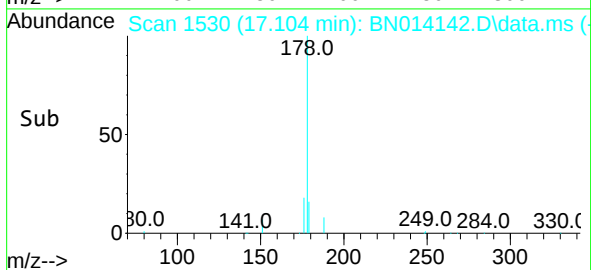
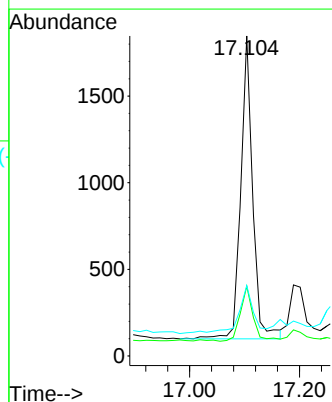
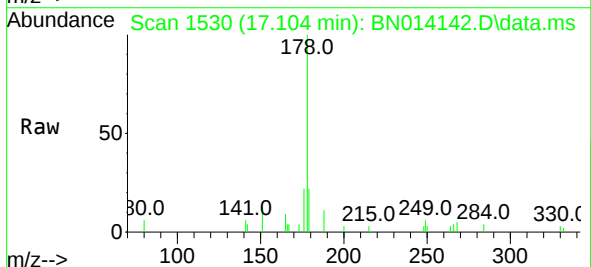
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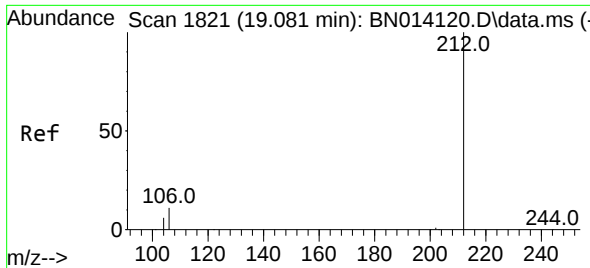
Tgt Ion:188 Resp: 23778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 5.2 7.8



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:178 Resp: 2631
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 19.8 12.4 18.6#

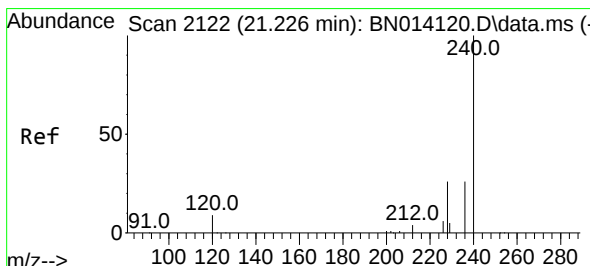
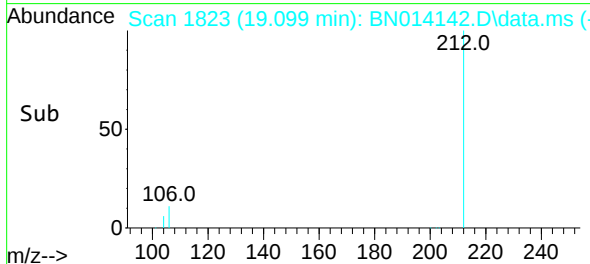
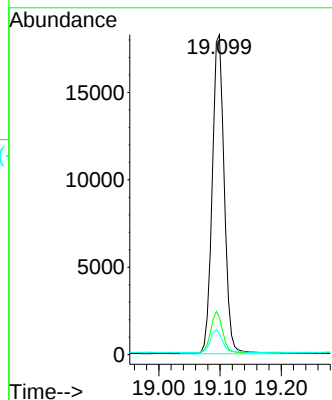
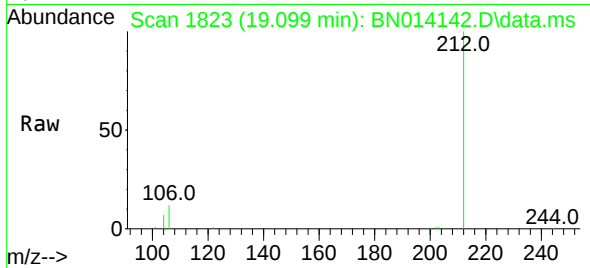




#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

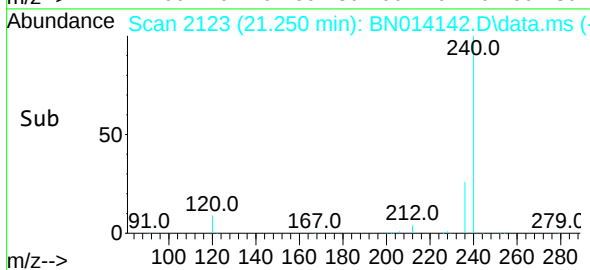
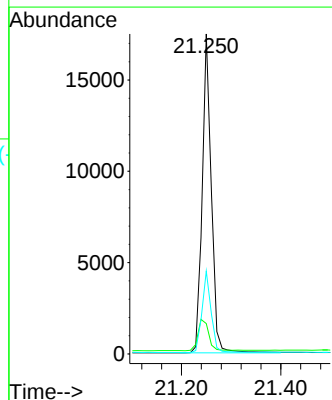
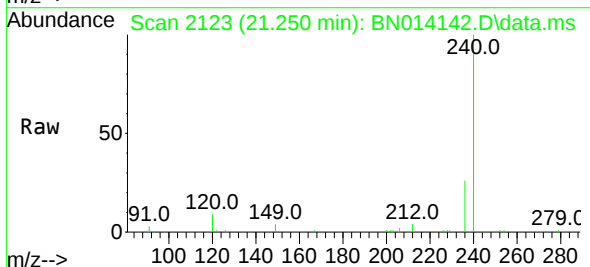
Instrument :
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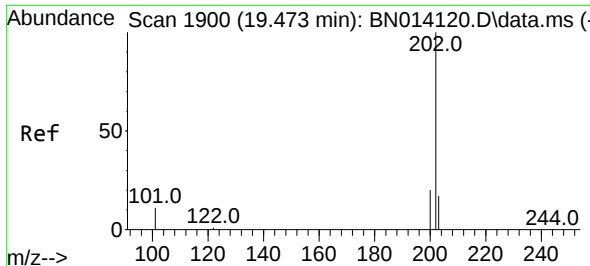
Tgt Ion:212 Resp: 24824
Ion Ratio Lower Upper
212 100
106 12.7 10.1 15.1
104 7.5 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:240 Resp: 22235
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.9 21.0 31.6

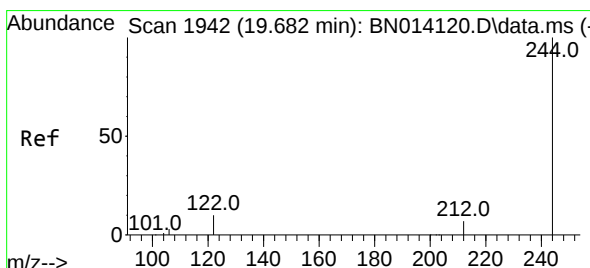
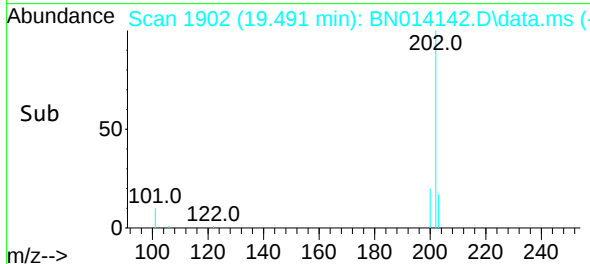
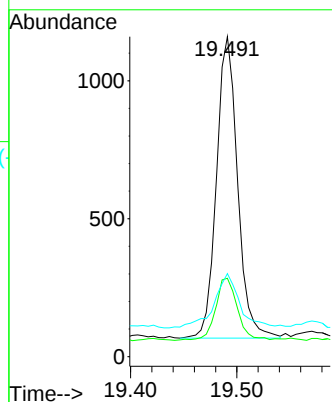
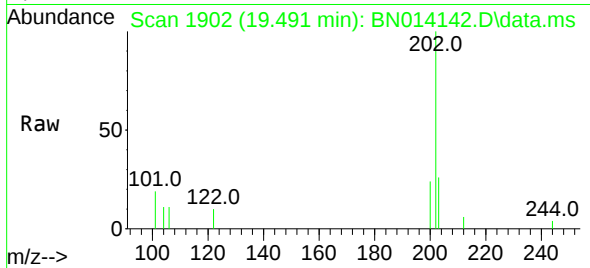




#30
Pyrene
Concen: 0.02 ng
RT: 19.491 min Scan# 1902
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

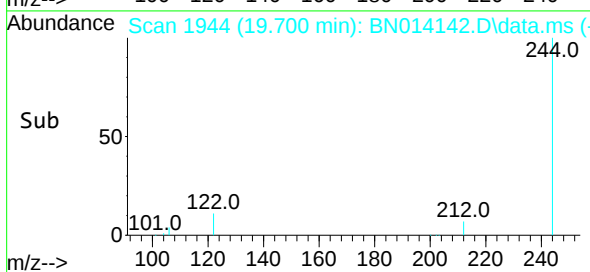
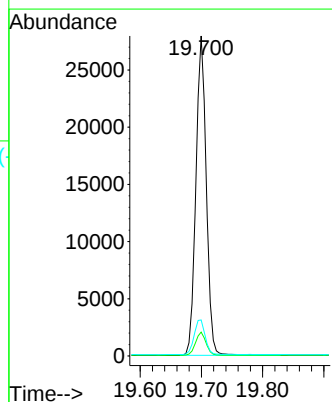
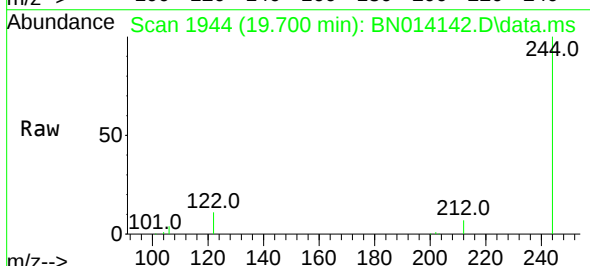
Instrument :
BNA_N
ClientSampleId :
MW181S-20210323

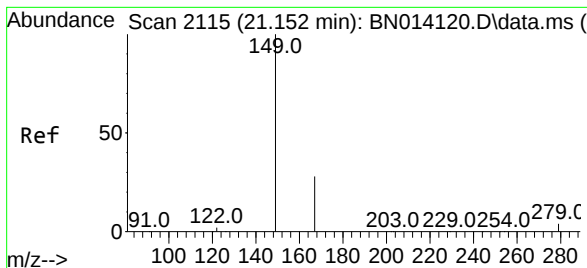
Tgt Ion:202 Resp: 1508
Ion Ratio Lower Upper
202 100
200 21.6 16.2 24.4
203 22.0 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.64 ng
RT: 19.700 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:244 Resp: 32933
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.3 8.6 13.0

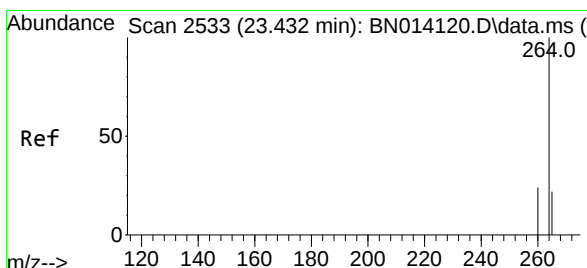
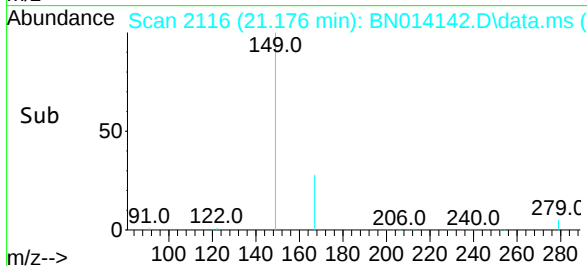
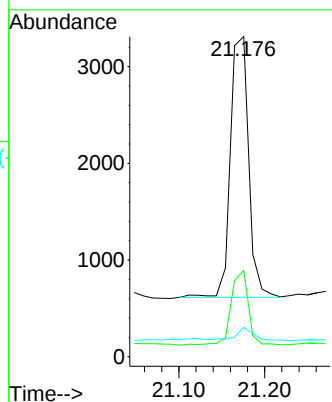
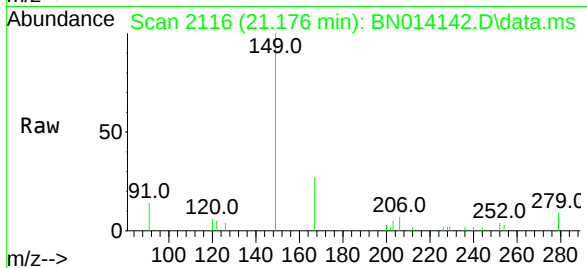




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Instrument :
BNA_N
ClientSampleId :
MW181S-20210323

Tgt Ion:149 Resp: 3984
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 4.7 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.469 min Scan# 2542
Delta R.T. 0.003 min
Lab File: BN014142.D
Acq: 31 Mar 2021 13:27

Tgt Ion:264 Resp: 21153
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 33.8 30.7 46.1

