

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015250.D
 Acq On : 01 Jul 2021 09:04
 Operator : CG/JU
 Sample : M2805-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB03-20210619

Quant Time: Jul 01 11:40:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

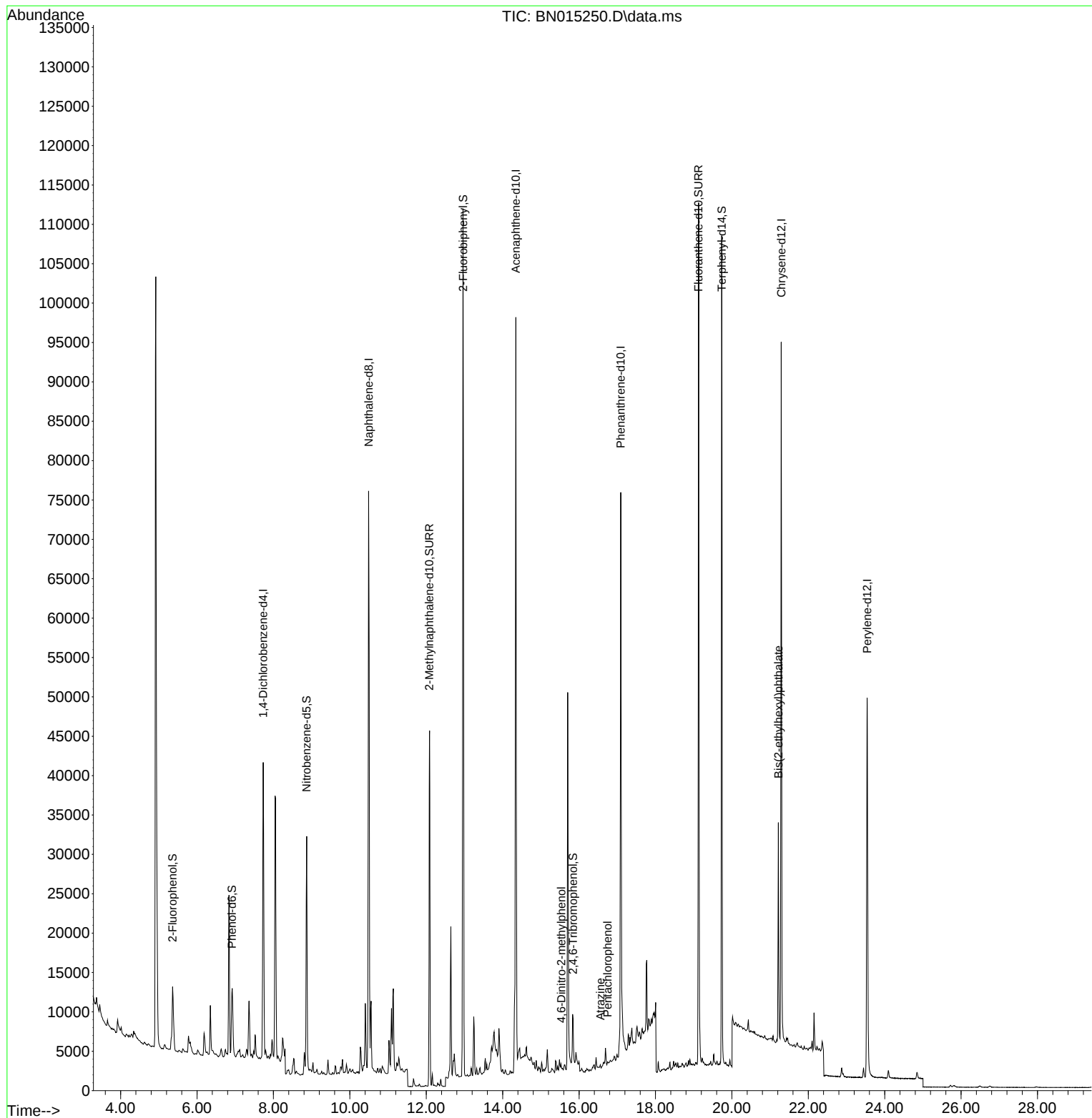
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	21904	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	100215	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	53845	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	104945	0.400	ng	0.00
29) Chrysene-d12	21.292	240	83392	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	67358	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.362	112	9554	0.171	ng	0.00
5) Phenol-d6	6.911	99	6401	0.091	ng	0.00
8) Nitrobenzene-d5	8.870	82	26169	0.466	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	61234	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6349	0.493	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	92144	0.421	ng	0.00
27) Fluoranthene-d10	19.128	212	123511	0.398	ng	0.00
31) Terphenyl-d14	19.734	244	109477	0.561	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.538	198	19	0.201	ng	# 1
23) Atrazine	16.556	200	21	0.173	ng	# 1
24) Pentachlorophenol	16.751	266	98	0.250	ng	89
34) Bis(2-ethylhexyl)phtha...	21.218	149	25767	0.401	ng	# 86

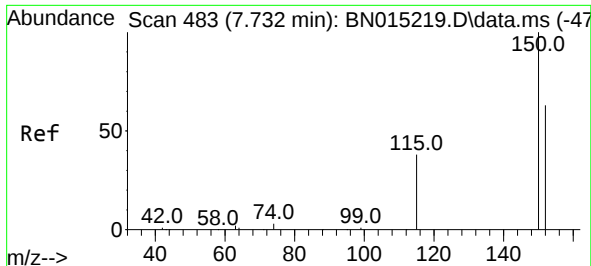
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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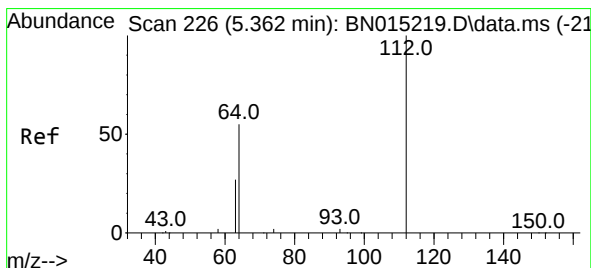
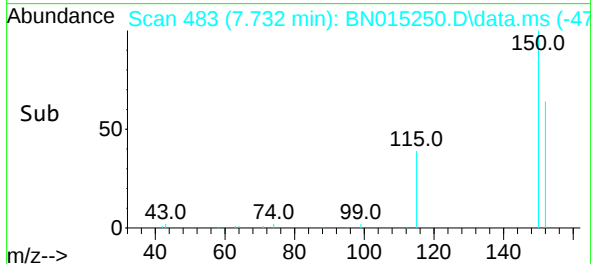
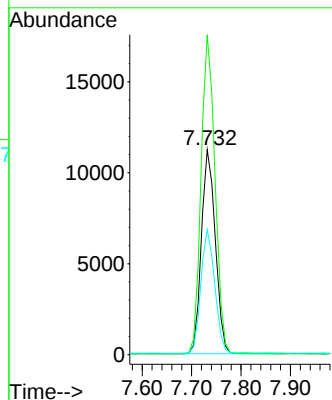
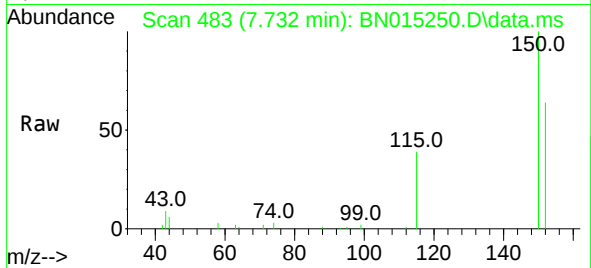




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

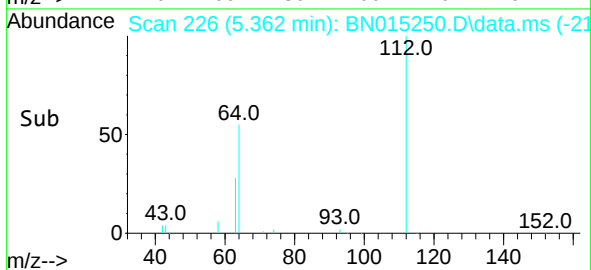
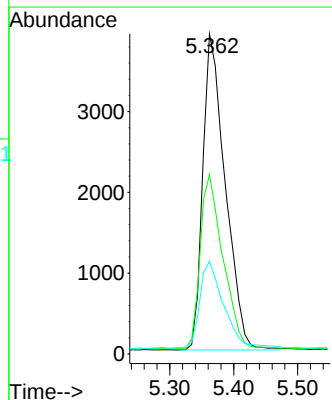
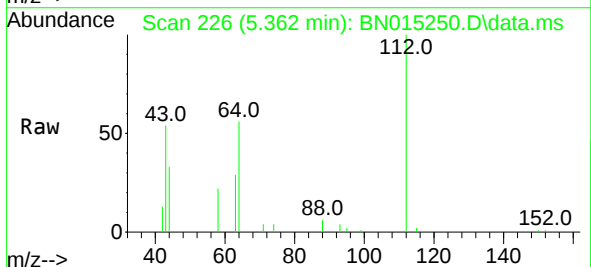
Instrument :
 BNA_N
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 EB03-20210619

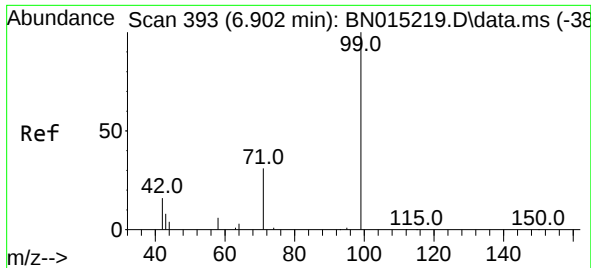
Tgt Ion:152 Resp: 21904
 Ion Ratio Lower Upper
 152 100
 150 156.1 119.0 178.6
 115 61.0 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.171 ng
 RT: 5.362 min Scan# 226
 Delta R.T. -0.000 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

Tgt Ion:112 Resp: 9554
 Ion Ratio Lower Upper
 112 100
 64 55.9 39.0 58.6
 63 29.2 20.6 30.8

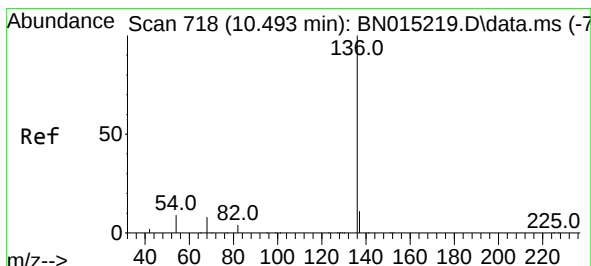
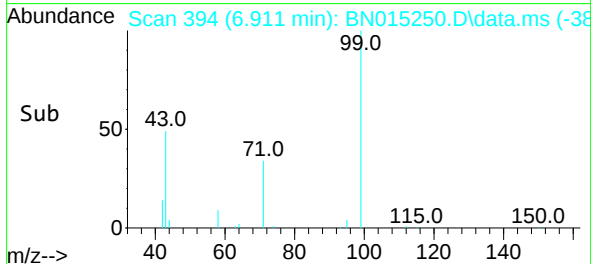
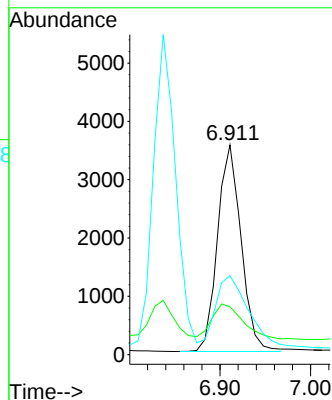
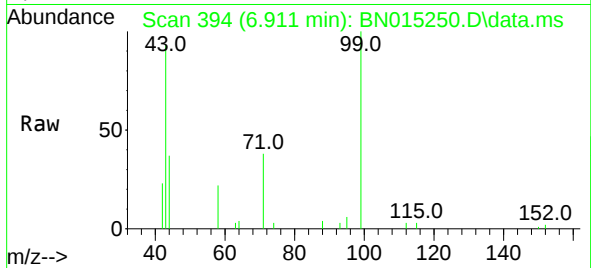




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

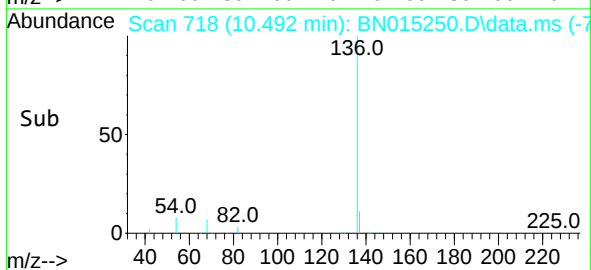
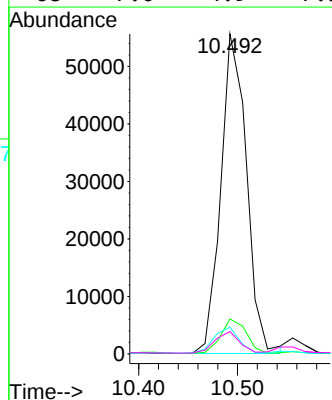
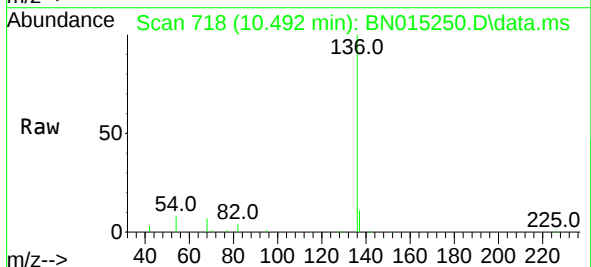
Instrument :
BNA_N
ClientSampleId :
EB03-20210619

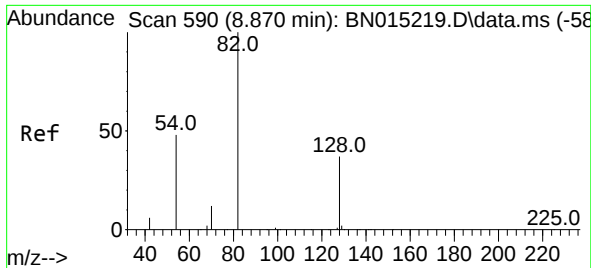
Tgt Ion: 99 Resp: 6401
Ion Ratio Lower Upper
99 100
42 21.8 8.9 13.3#
71 43.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion:136 Resp: 100215
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.3 5.4 8.2#
68 7.0 4.9 7.3

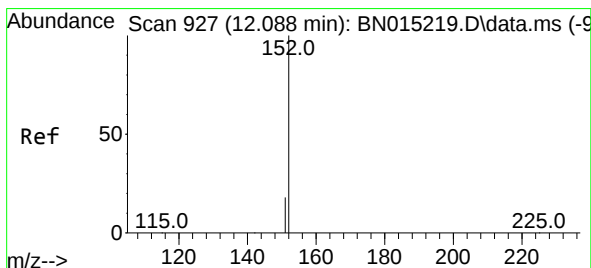
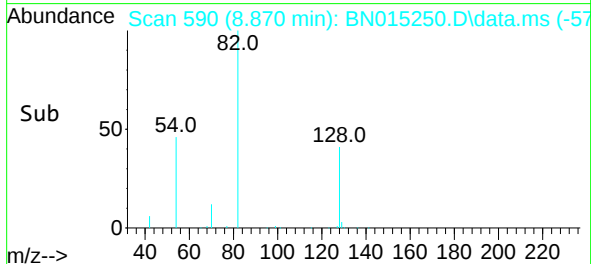
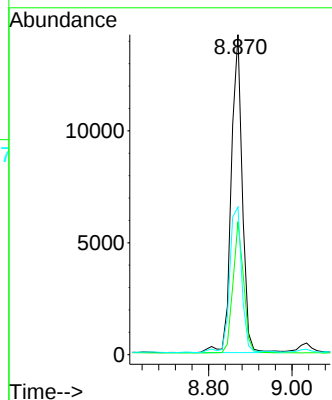
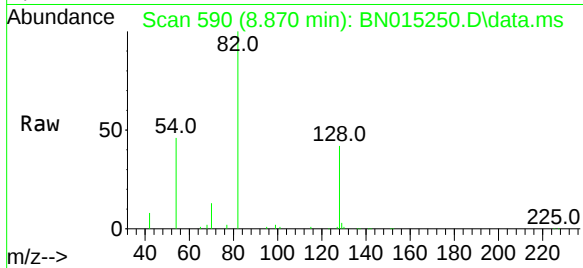




#8
Nitrobenzene-d5
Concen: 0.466 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

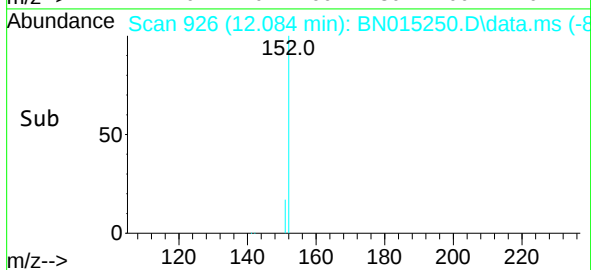
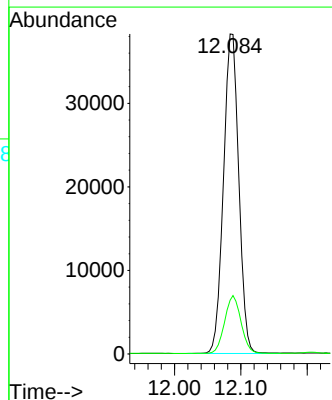
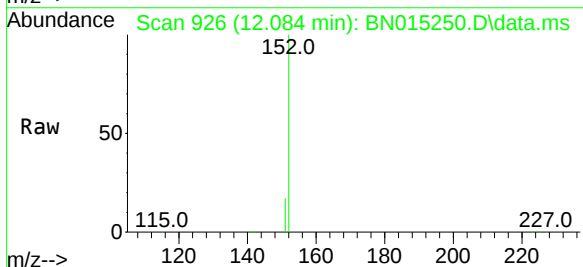
Instrument :
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ClientSampleId :
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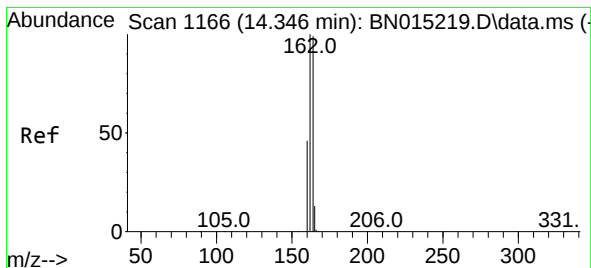
Tgt Ion: 82 Resp: 26169
Ion Ratio Lower Upper
82 100
128 41.6 31.6 47.4
54 46.1 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.084 min Scan# 926
Delta R.T. -0.005 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion: 152 Resp: 61234
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1

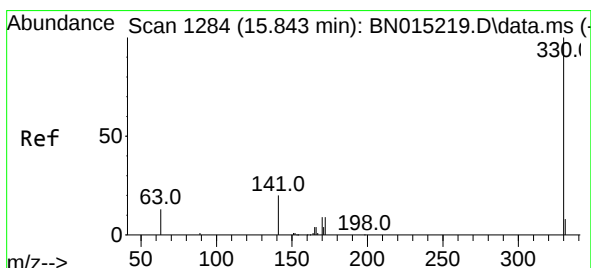
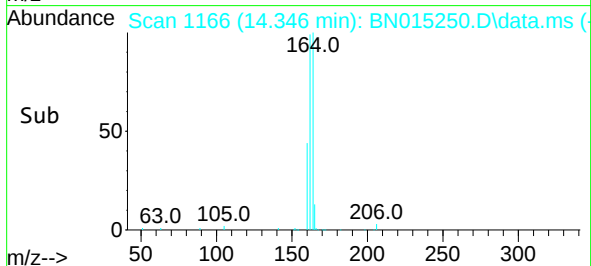
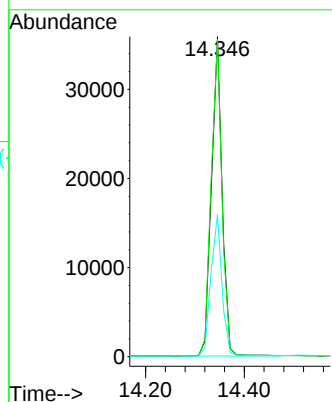
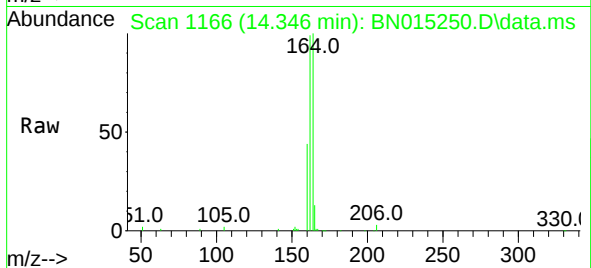




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

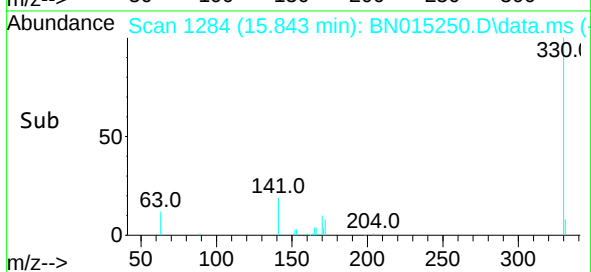
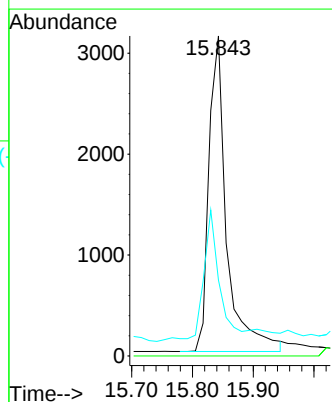
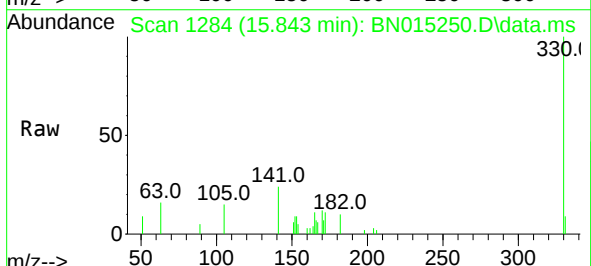
Instrument :
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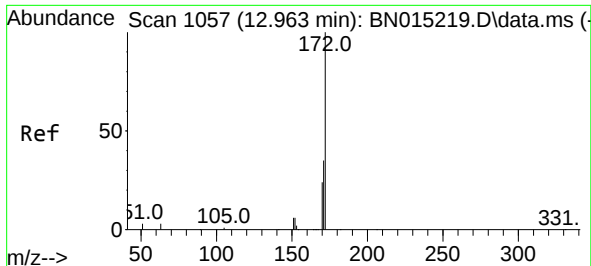
Tgt Ion:164 Resp: 53845
Ion Ratio Lower Upper
164 100
162 99.3 83.8 125.6
160 44.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion:330 Resp: 6349
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.1 22.4 33.6#

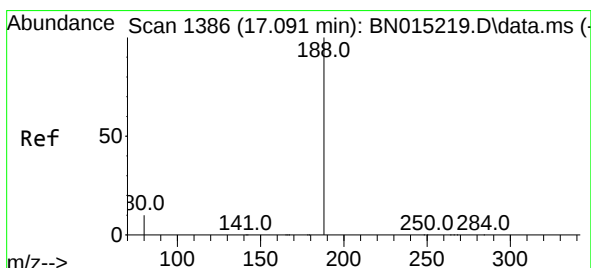
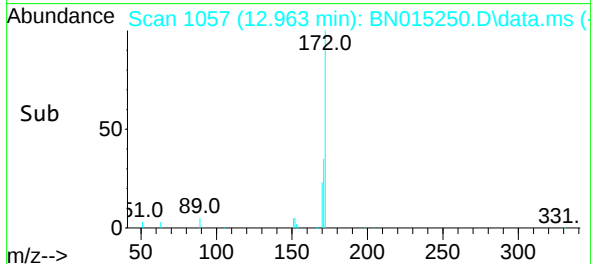
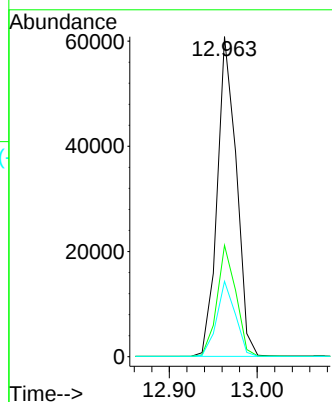
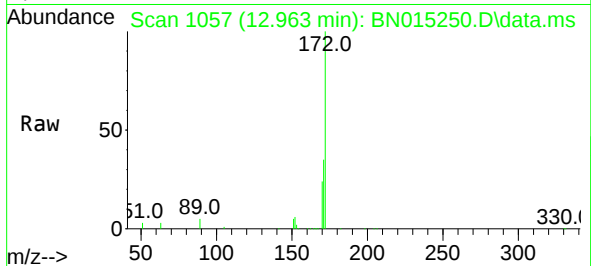




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

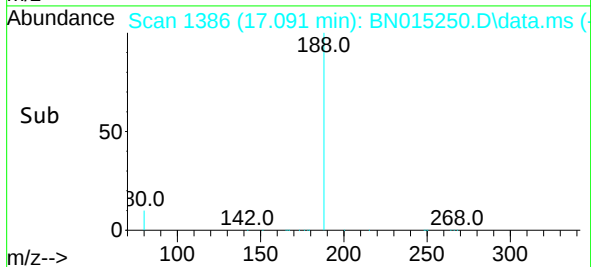
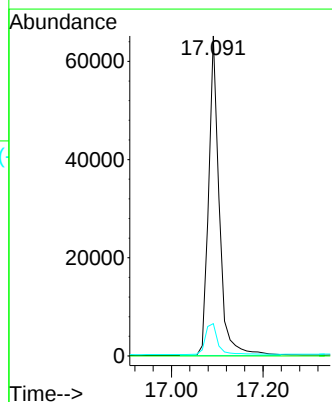
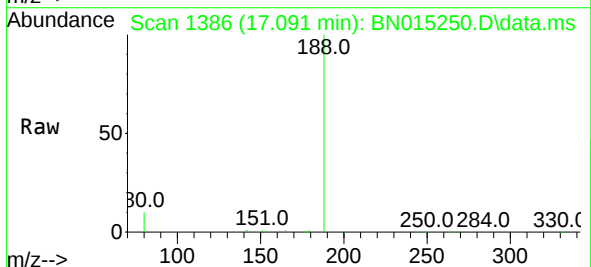
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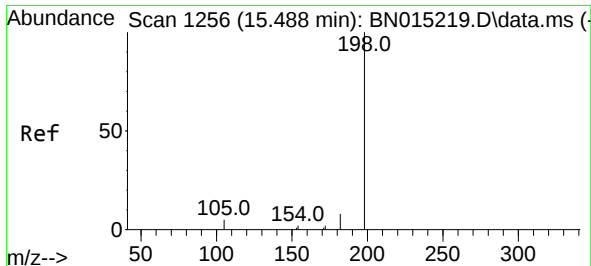
Tgt Ion:	172	Resp:	92144
Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.6	45.8
170	23.6	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion:	188	Resp:	104945
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	9.0	13.4

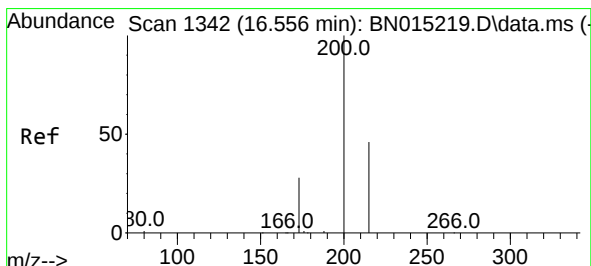
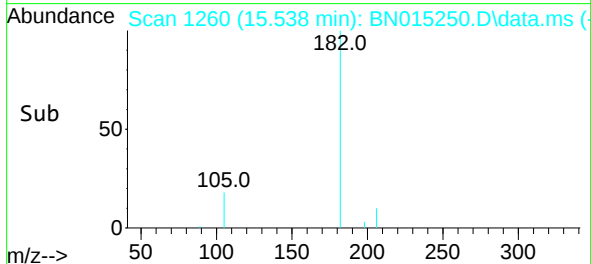
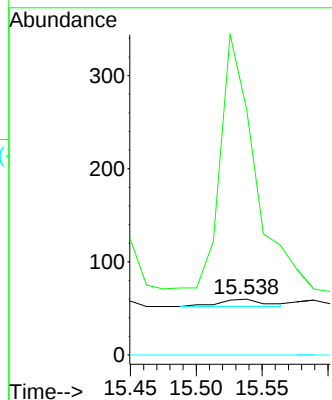
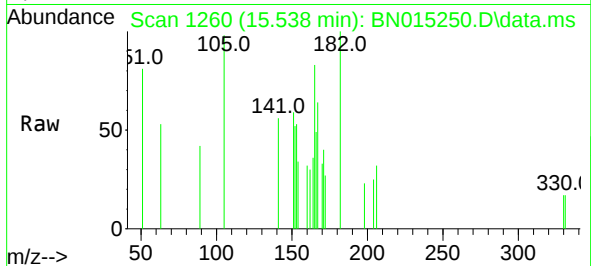




#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.538 min Scan# 1260
Delta R.T. 0.050 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

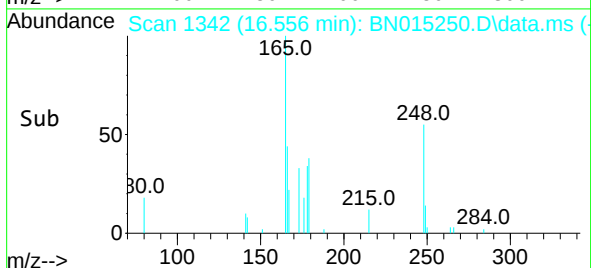
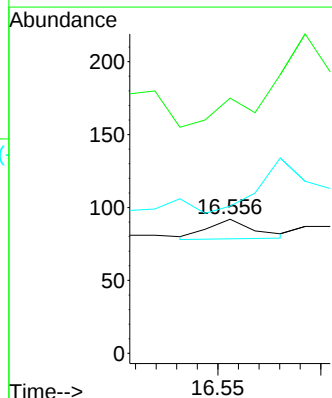
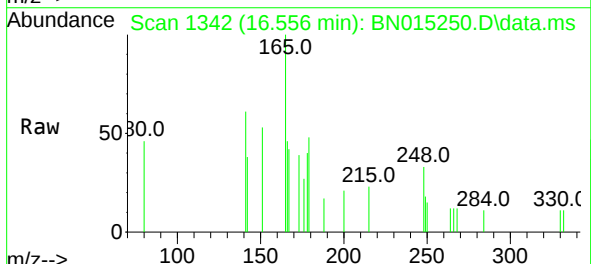
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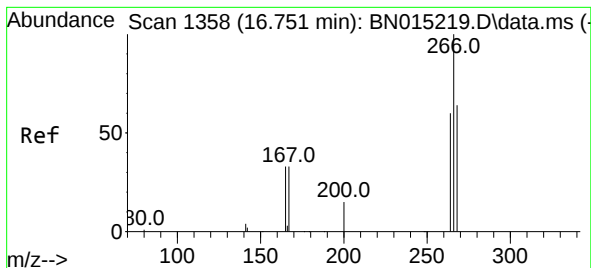
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 438.3 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.556 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion:200 Resp: 21
Ion Ratio Lower Upper
200 100
173 190.2 21.7 32.5#
215 109.8 43.1 64.7#

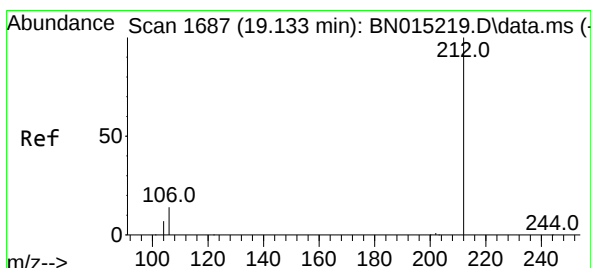
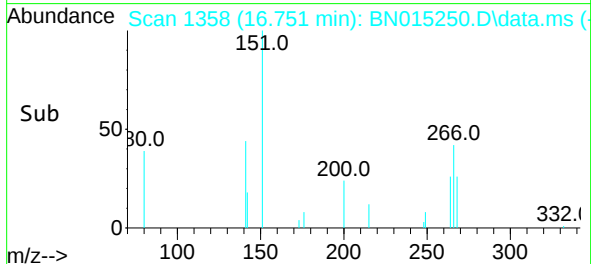
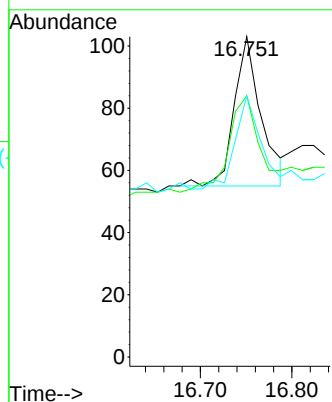
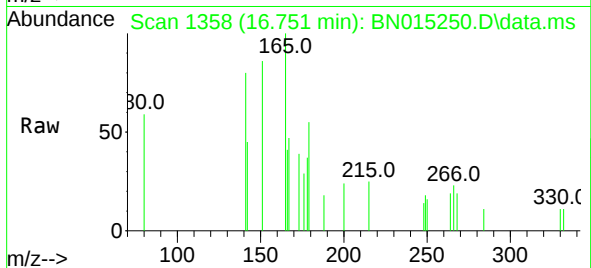




#24
 Pentachlorophenol
 Concen: 0.250 ng
 RT: 16.751 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

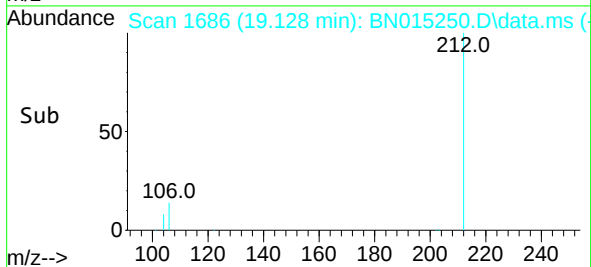
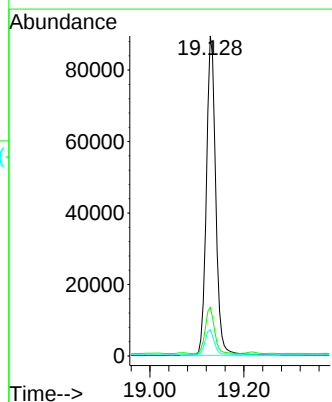
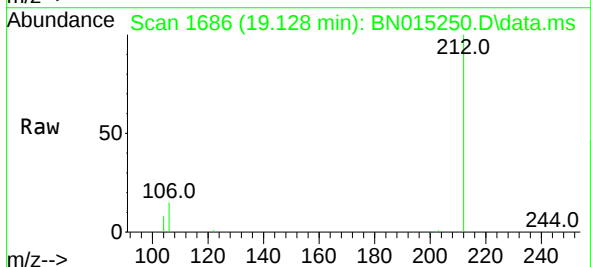
Instrument :
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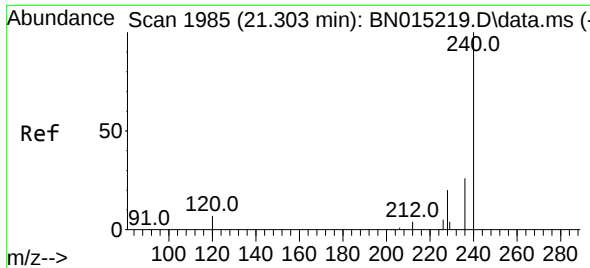
Tgt Ion:	266	Resp:	98
Ion Ratio	Lower	Upper	
266	100		
264	75.5	51.0	76.4
268	69.4	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 19.128 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

Tgt Ion:	212	Resp:	123511
Ion Ratio	Lower	Upper	
212	100		
106	14.2	7.0	10.6#
104	8.1	4.1	6.1#

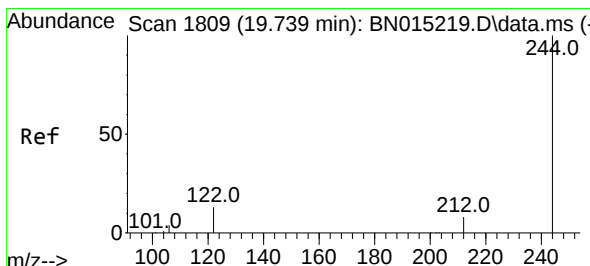
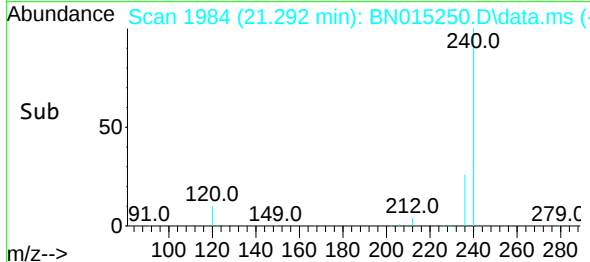
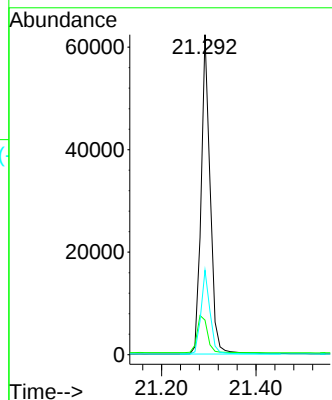
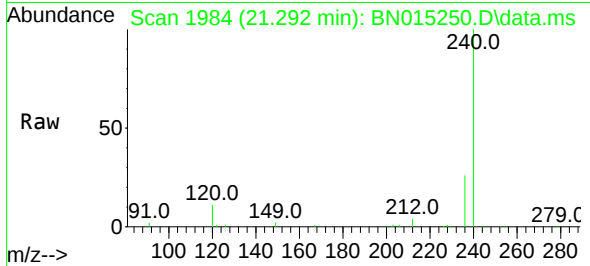




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

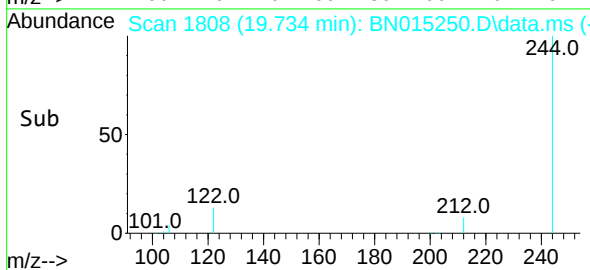
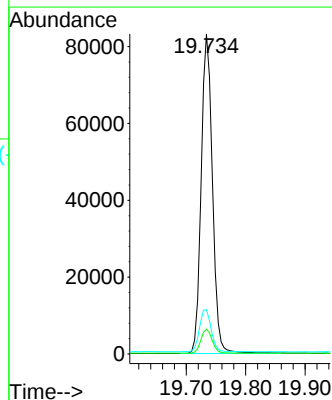
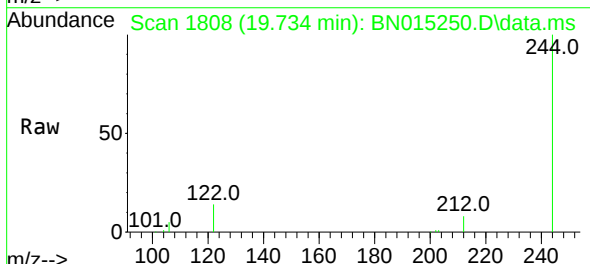
Instrument :
BNA_N
ClientSampleId :
EB03-20210619

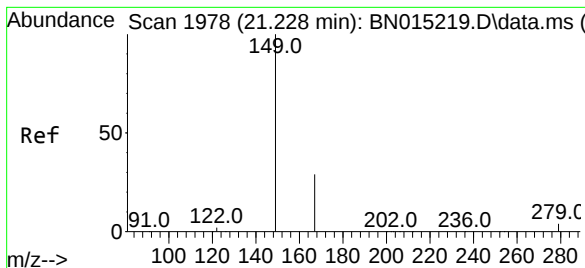
Tgt Ion:240 Resp: 83392
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.4#
236 26.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.561 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015250.D
Acq: 01 Jul 2021 09:04

Tgt Ion:244 Resp: 109477
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.8 6.2 9.2#

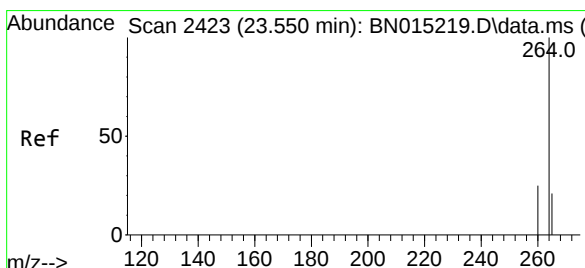
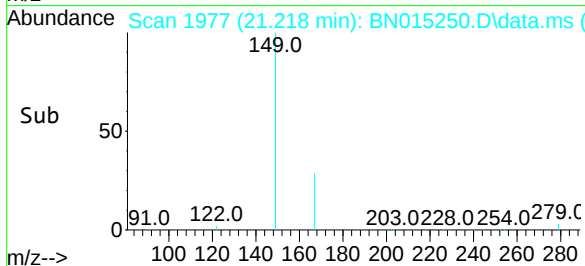
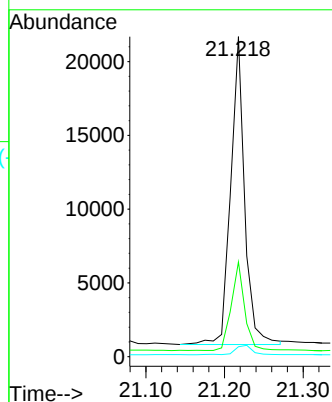
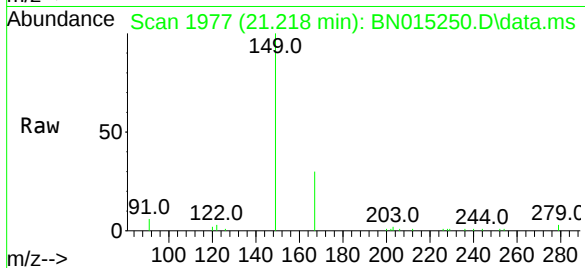




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.401 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.010 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

Instrument :
 BNA_N
 ClientSampleId :
 EB03-20210619

Tgt Ion:149 Resp: 25767
 Ion Ratio Lower Upper
 149 100
 167 27.4 28.9 43.3#
 279 3.7 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.010 min
 Lab File: BN015250.D
 Acq: 01 Jul 2021 09:04

Tgt Ion:264 Resp: 67358
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 31.0
 265 23.4 21.4 32.2

