

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016046.D
 Acq On : 25 Aug 2021 00:32
 Operator : CG/JU
 Sample : M3503-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW6A-GW-20210819

Quant Time: Aug 25 04:19:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 14:26:02 2021
 Response via : Initial Calibration

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

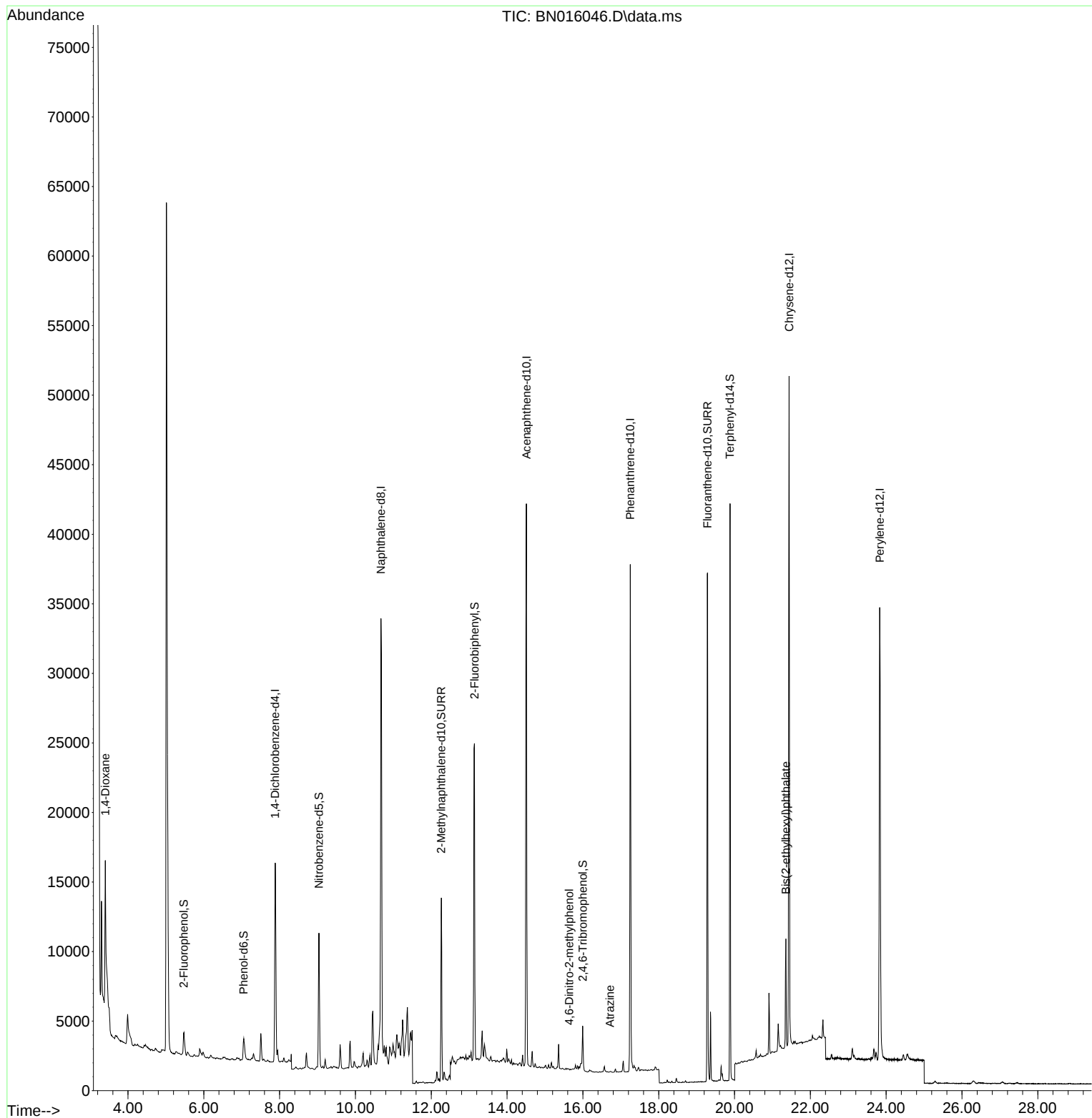
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8624	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	46728	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	25994	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	48949	0.400	ng	0.00
29) Chrysene-d12	21.440	240	48831	0.400	ng	# 0.00
35) Perylene-d12	23.830	264	49000	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	2039	0.099	ng	0.02
5) Phenol-d6	7.052	99	1601	0.056	ng	0.00
8) Nitrobenzene-d5	9.038	82	8972	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	17905	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	2545	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	23773	0.227	ng	0.00
27) Fluoranthene-d10	19.286	212	44446	0.322	ng	0.00
31) Terphenyl-d14	19.882	244	42921	0.358	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.401	88	7963	1.682	ng	Qvalue 91
20) 4,6-Dinitro-2-methylph...	15.639	198	8	0.110	ng	# 1
23) Atrazine	16.713	200	22	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.355	149	7817	0.198	ng	# 99

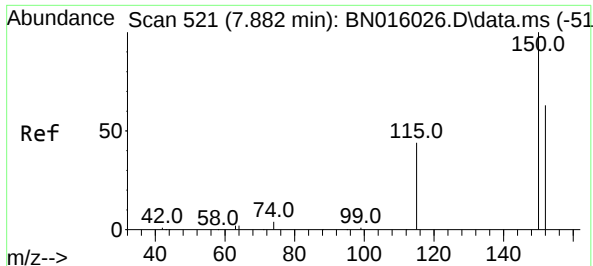
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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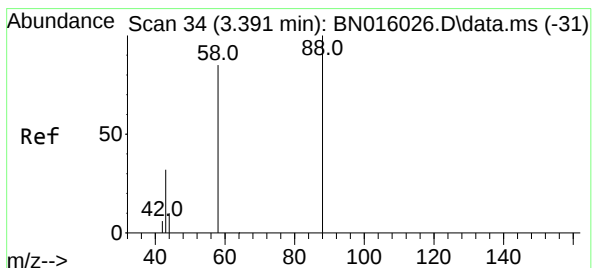
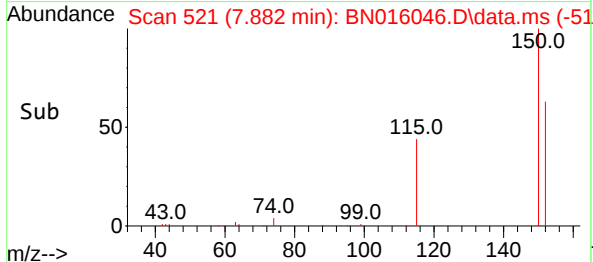
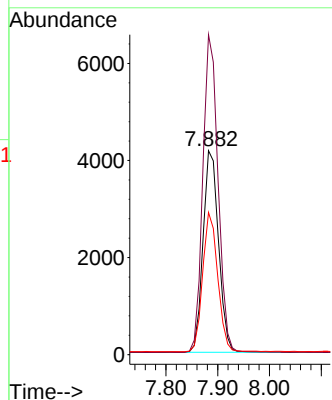
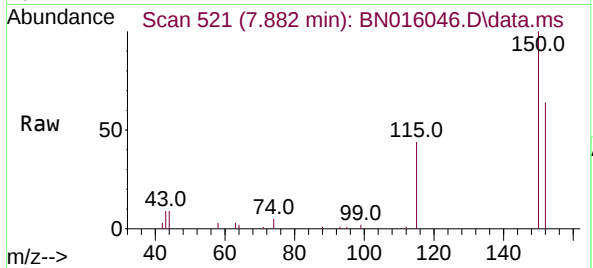




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016046.D
 Acq: 25 Aug 2021 00:32

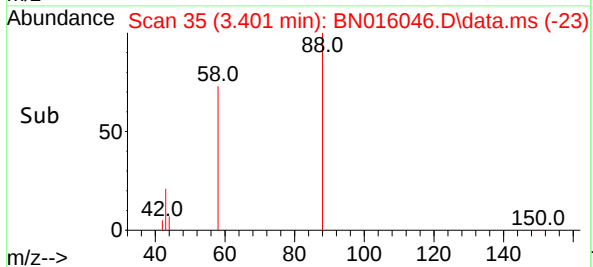
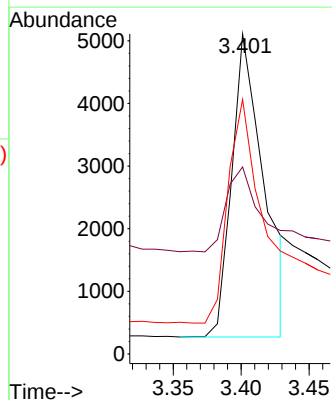
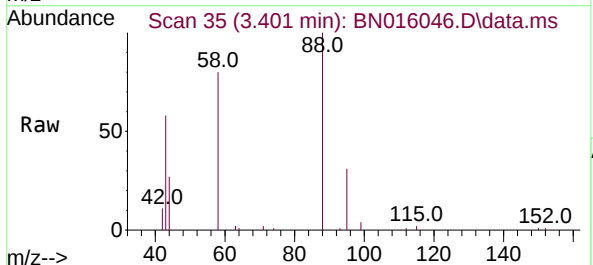
Instrument :
 BNA_N
 ClientSampleId :
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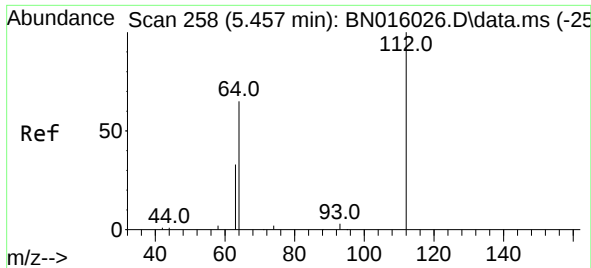
Tgt Ion:152 Resp: 8624
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.5 189.7
 115 69.7 56.5 84.7



#2
 1,4-Dioxane
 Concen: 1.682 ng
 RT: 3.401 min Scan# 35
 Delta R.T. 0.010 min
 Lab File: BN016046.D
 Acq: 25 Aug 2021 00:32

Tgt Ion: 88 Resp: 7963
 Ion Ratio Lower Upper
 88 100
 43 28.7 21.0 31.4
 58 77.3 54.8 82.2

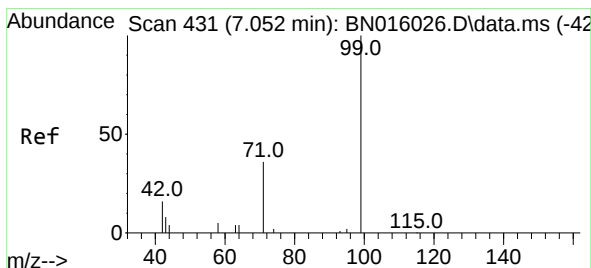
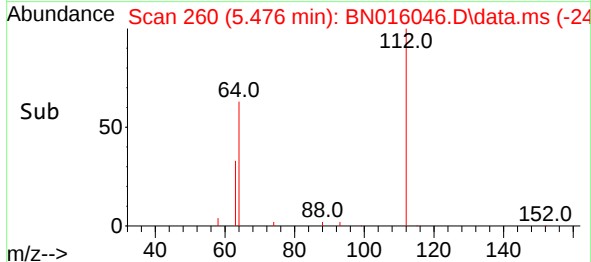
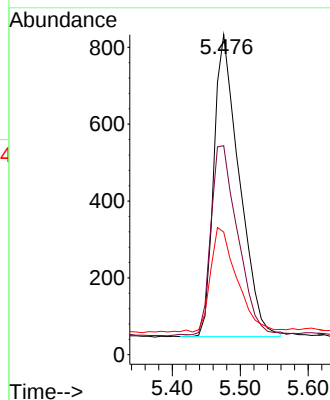
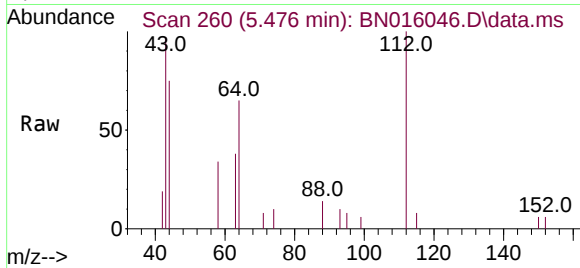




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

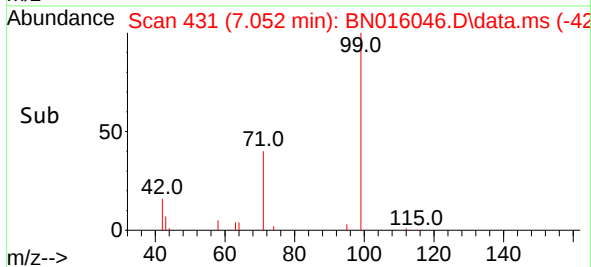
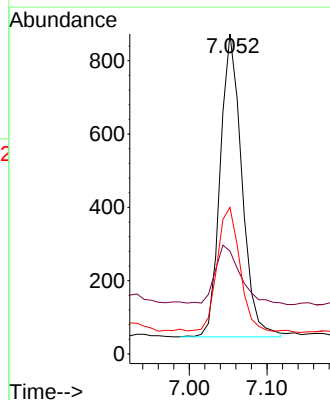
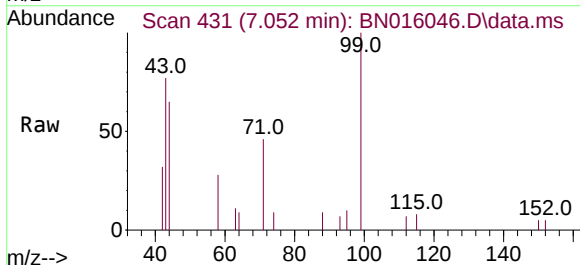
Instrument :
BNA_N
ClientSampleId :
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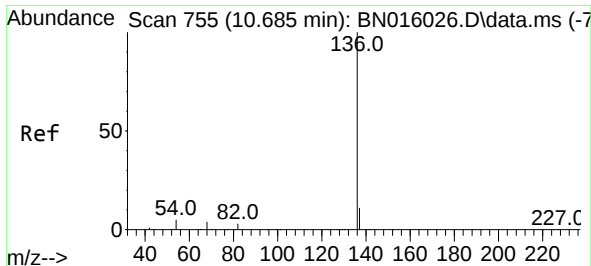
Tgt Ion:	112	Resp:	2039
Ion	Ratio	Lower	Upper
112	100		
64	67.2	52.5	78.7
63	36.3	26.9	40.3



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion:	99	Resp:	1601
Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.6	23.4
71	42.7	29.8	44.8

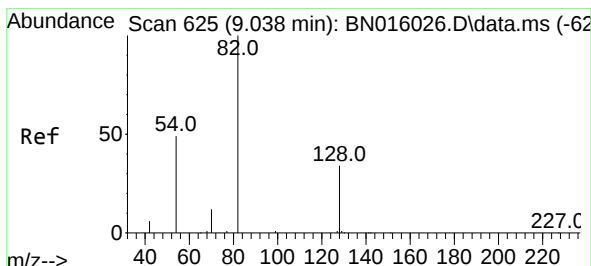
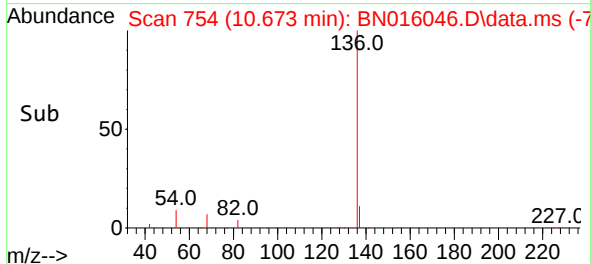
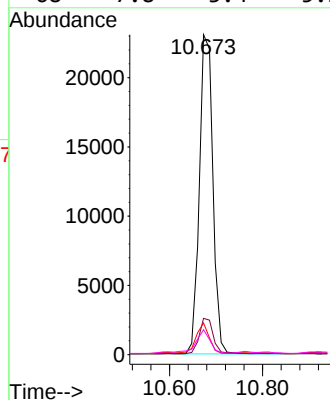
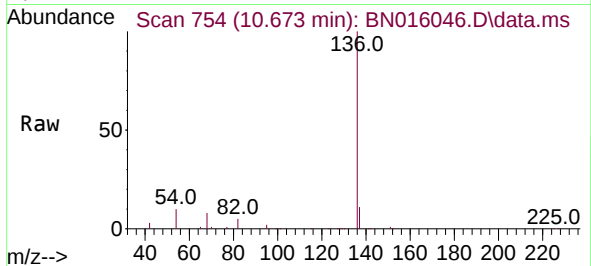




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.012 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

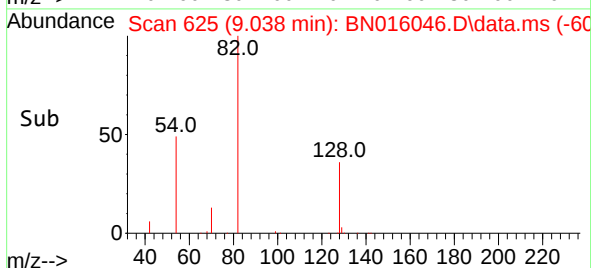
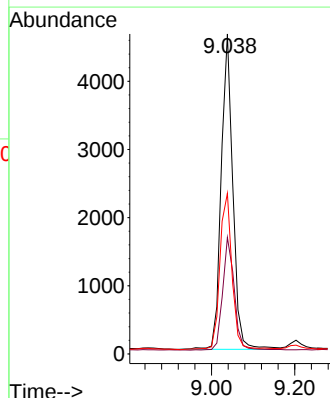
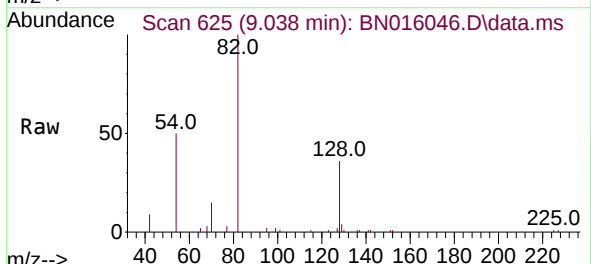
Instrument :
BNA_N
ClientSampleId :
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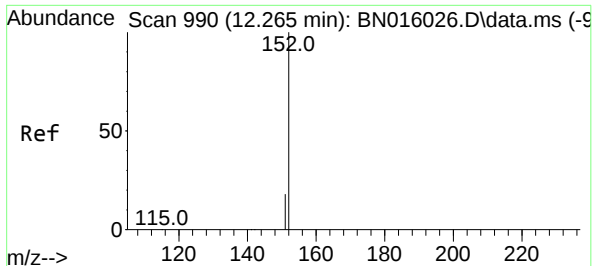
Tgt Ion:	136	Resp:	46728
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.9	4.2	6.4#
68	7.8	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion:	82	Resp:	8972
Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.7	41.5
54	50.2	39.4	59.2

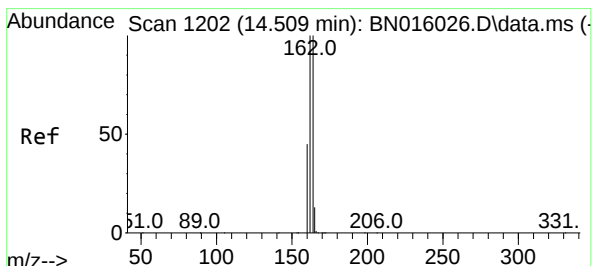
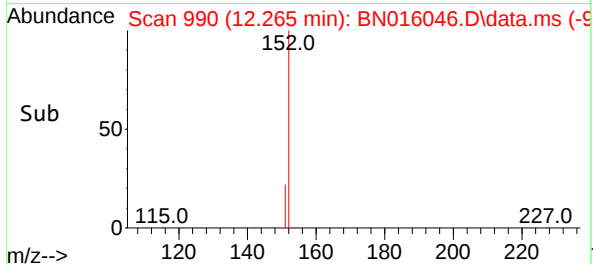
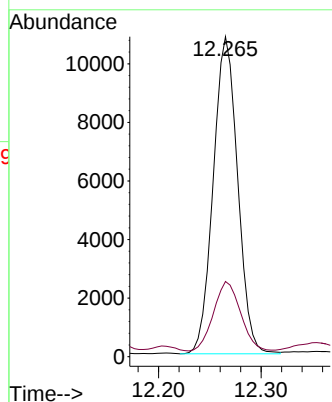
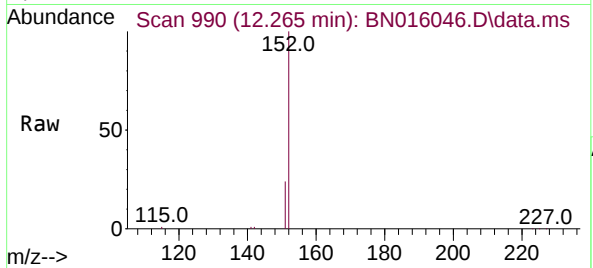




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

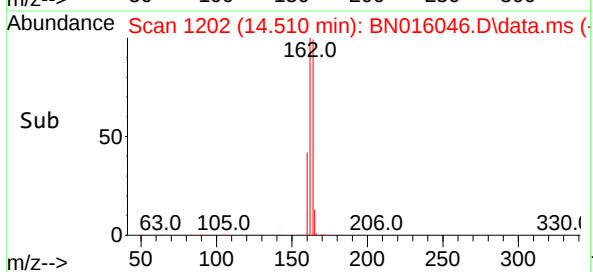
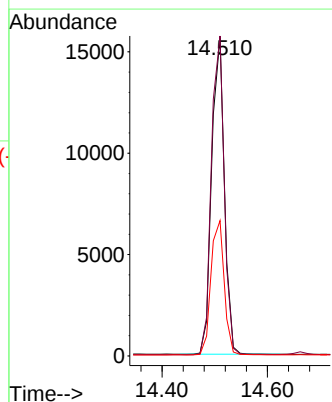
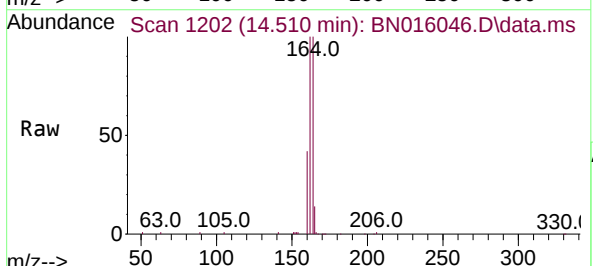
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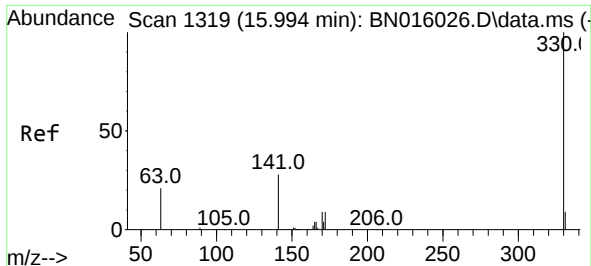
Tgt Ion:152 Resp: 17905
Ion Ratio Lower Upper
152 100
151 24.2 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion:164 Resp: 25994
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 42.4 35.9 53.9

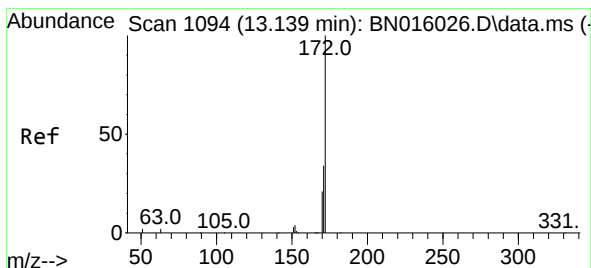
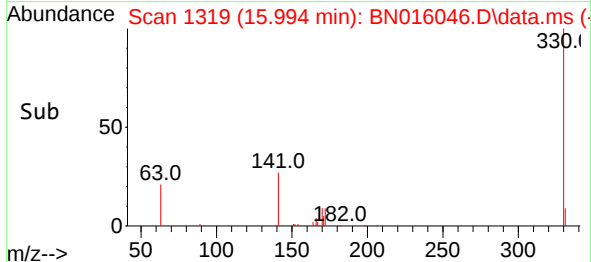
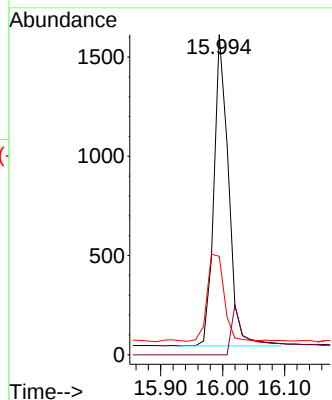
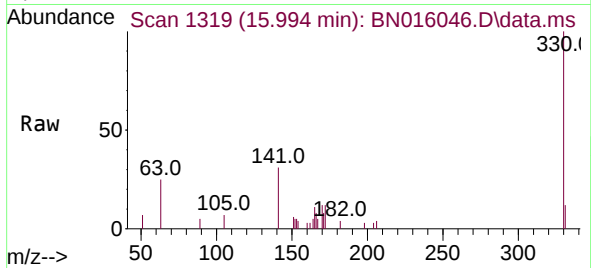




#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

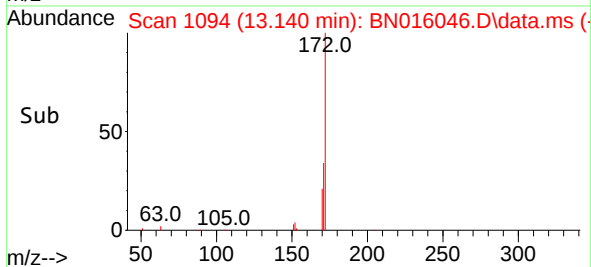
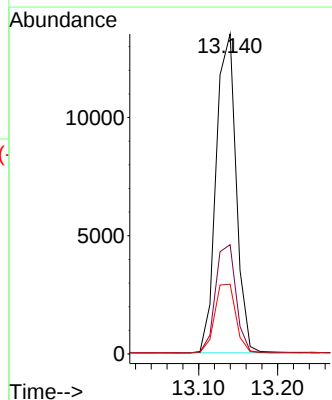
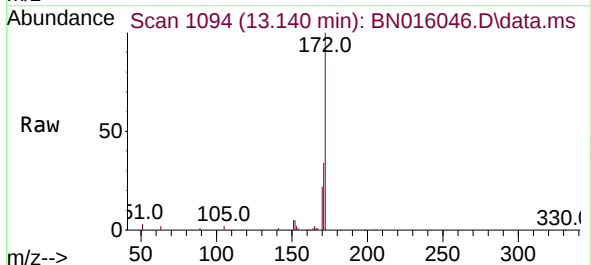
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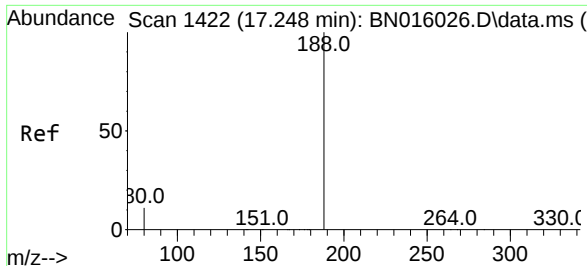
Tgt Ion: 330 Resp: 2545
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.5 24.6 36.8



#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion: 172 Resp: 23773
Ion Ratio Lower Upper
172 100
171 34.2 27.1 40.7
170 21.8 17.3 25.9

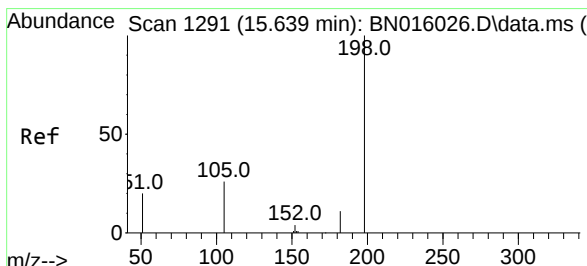
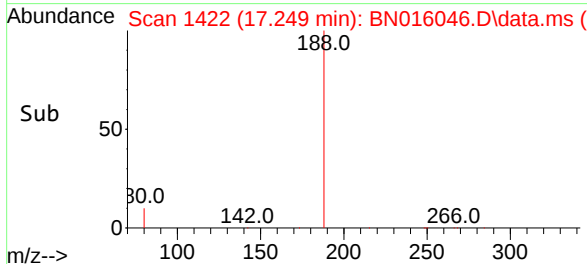
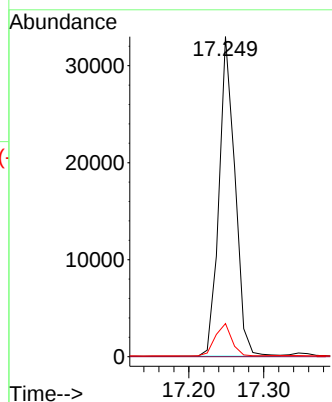
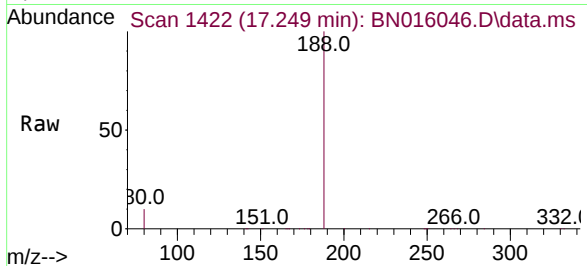




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

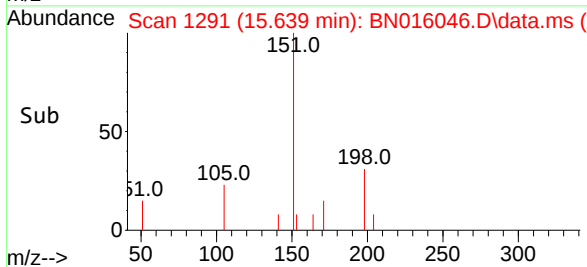
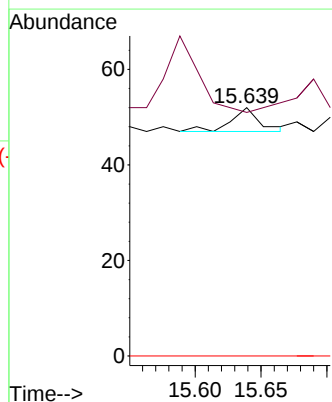
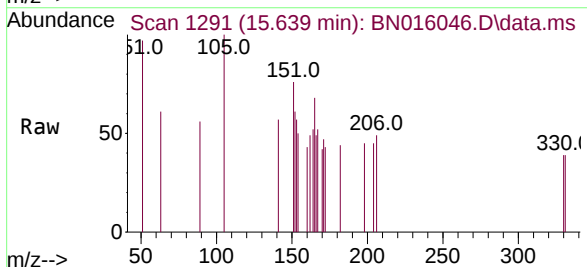
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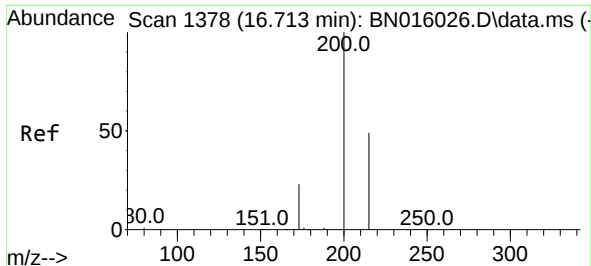
Tgt Ion:188	Resp:	48949
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.4	13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion:198	Resp:	8
Ion Ratio	Lower	Upper
198	100	
182	98.1	16.8
77	0.0	0.0

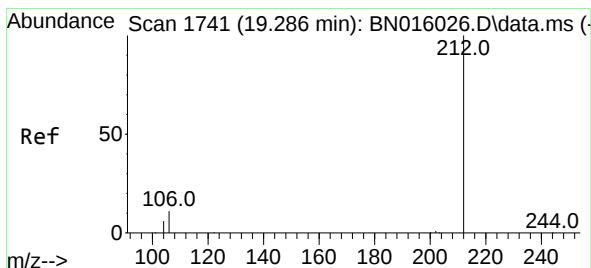
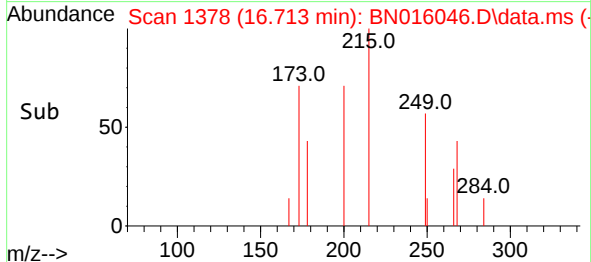
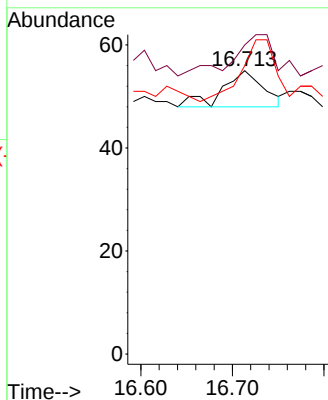
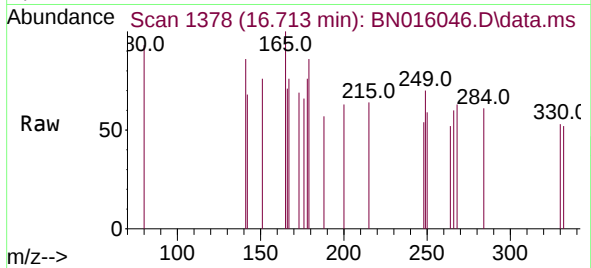




#23
Atrazine
Concen: 0.148 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

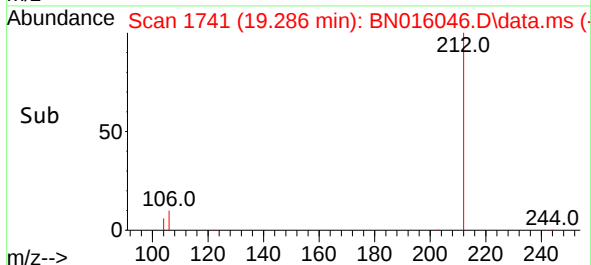
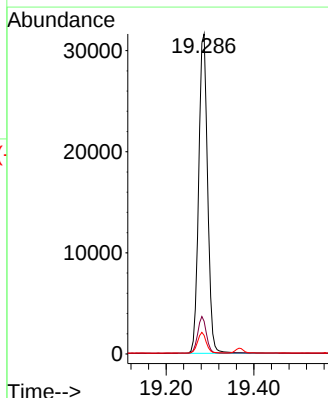
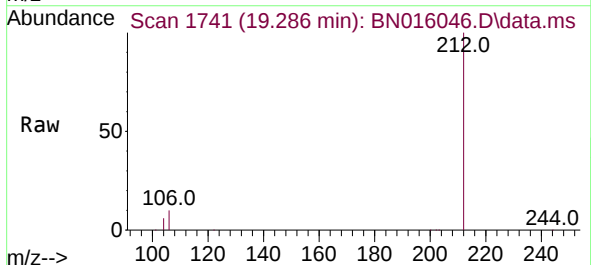
Instrument :
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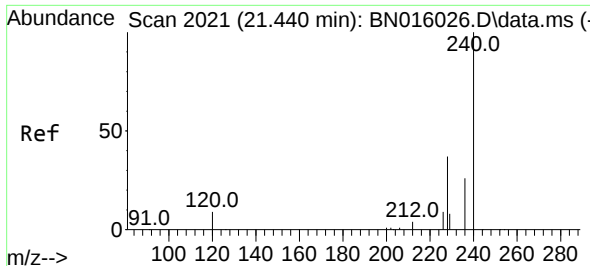
Tgt Ion: 200 Resp: 22
Ion Ratio Lower Upper
200 100
173 109.1 19.7 29.5#
215 101.8 39.5 59.3#



#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion: 212 Resp: 44446
Ion Ratio Lower Upper
212 100
106 11.2 9.4 14.2
104 6.4 5.4 8.0

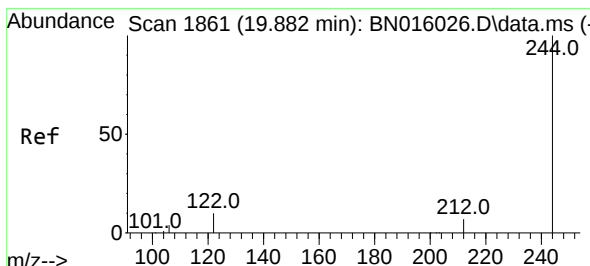
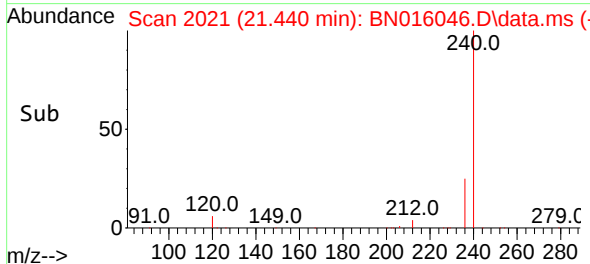
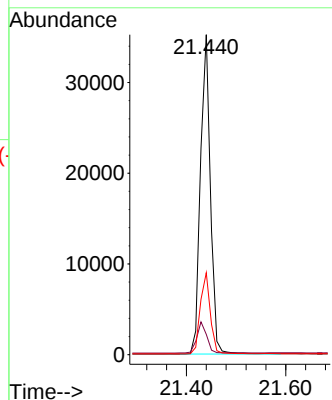
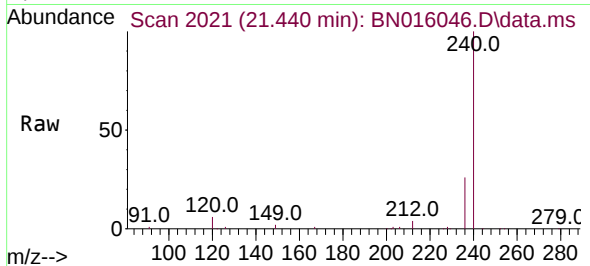




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

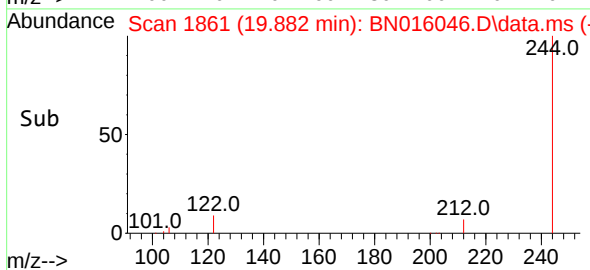
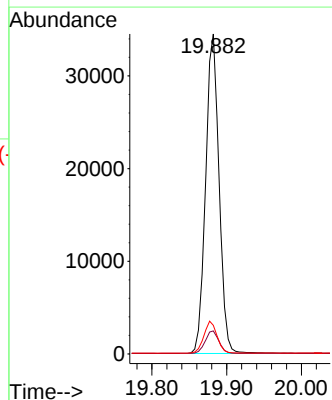
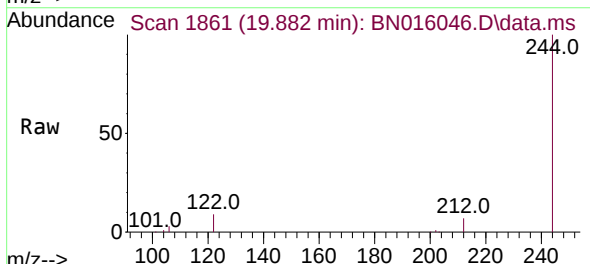
Instrument :
BNA_N
ClientSampleId :
RW6A-GW-20210819

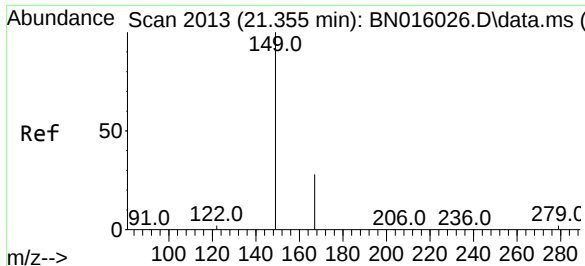
Tgt Ion:240 Resp: 48831
Ion Ratio Lower Upper
240 100
120 6.3 7.8 11.6#
236 25.6 21.0 31.6



#31
Terphenyl-d14
Concen: 0.358 ng
RT: 19.882 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BN016046.D
Acq: 25 Aug 2021 00:32

Tgt Ion:244 Resp: 42921
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.0 8.5 12.7

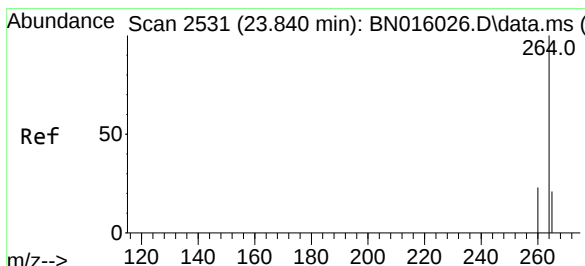
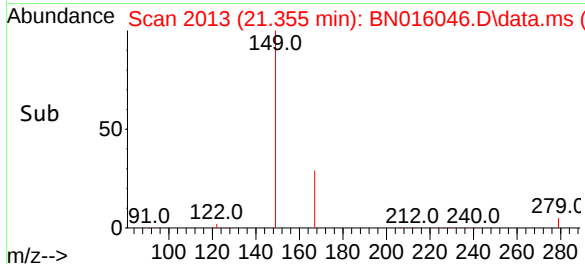
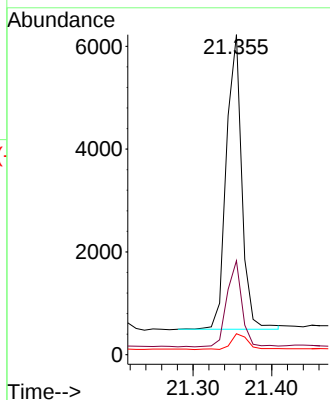
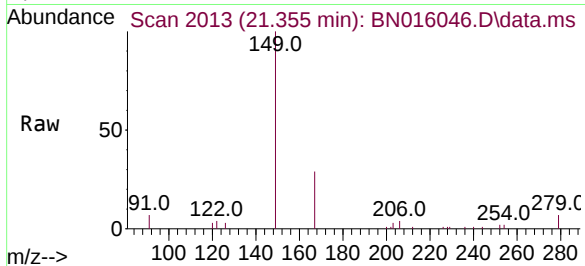




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.355 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN016046.D
 Acq: 25 Aug 2021 00:32

Instrument :
 BNA_N
 ClientSampleId :
 RW6A-GW-20210819

Tgt Ion:149 Resp: 7817
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 6.2 4.1 6.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.830 min Scan# 2528
 Delta R.T. -0.010 min
 Lab File: BN016046.D
 Acq: 25 Aug 2021 00:32

Tgt Ion:264 Resp: 49000
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 26.1 22.7 34.1

