

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014113.D
 Acq On : 25 Mar 2021 19:13
 Operator : CG/JU
 Sample : M1787-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20210320

Quant Time: Mar 26 00:43:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

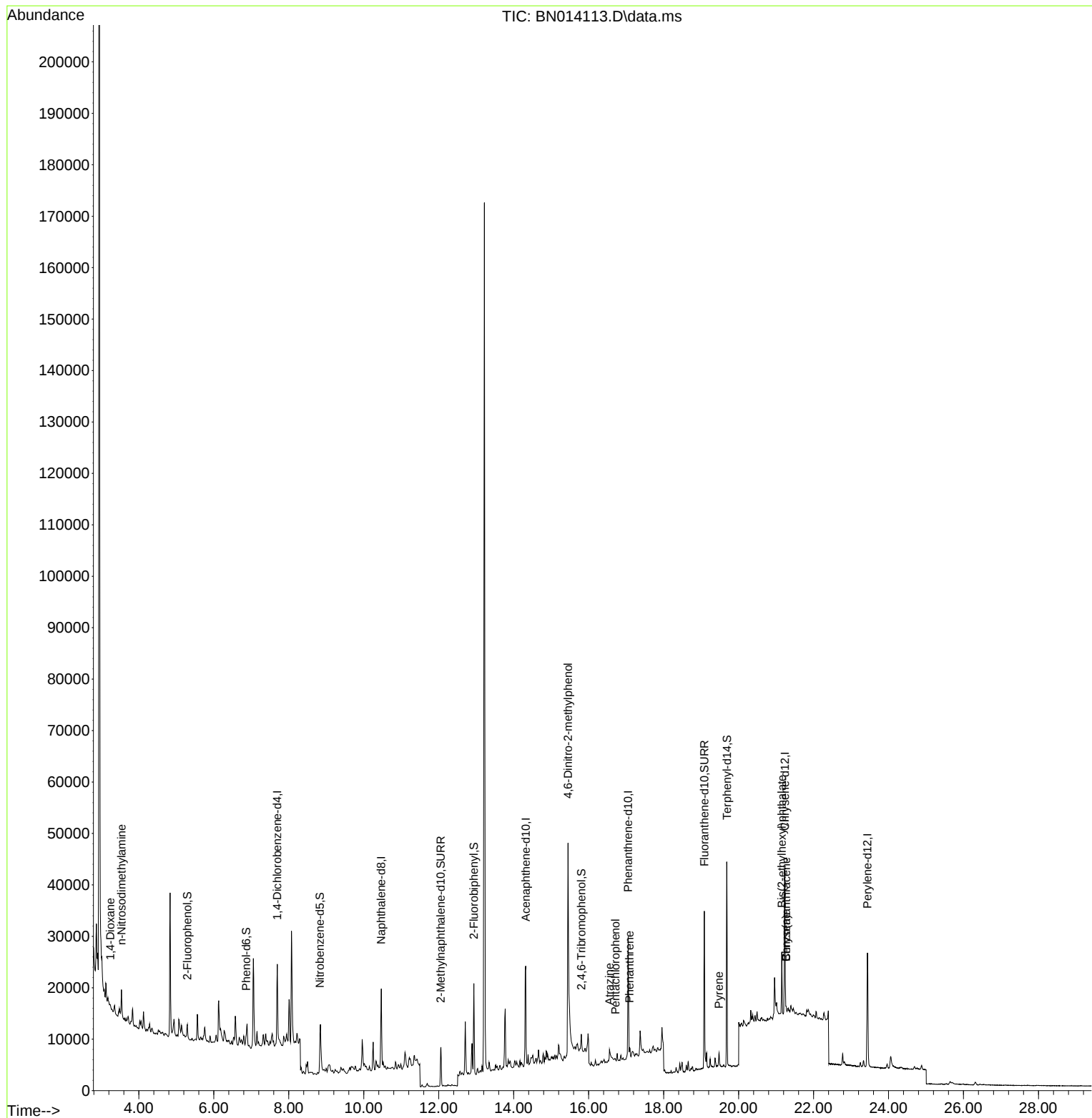
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	4854	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20027	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	13087	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	28918	0.40	ng	-0.01
29) Chrysene-d12	21.236	240	29669	0.40	ng	# 0.00
36) Perylene-d12	23.438	264	28242	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1824	0.16	ng	0.00
5) Phenol-d6	6.863	99	1457	0.10	ng	0.00
8) Nitrobenzene-d5	8.832	82	4582	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	9943	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	2537	0.59	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14734	0.30	ng	-0.01
27) Fluoranthene-d10	19.086	212	33029	0.41	ng	0.00
31) Terphenyl-d14	19.687	244	40275	0.62	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	287	0.04	ng	# 18
3) n-Nitrosodimethylamine	3.537	42	606	0.14	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	398	0.12	ng	# 1
23) Atrazine	16.556	200	204	0.02	ng	# 1
24) Pentachlorophenol	16.714	266	222	0.05	ng	92
25) Phenanthrene	17.091	178	2412	0.03	ng	# 84
30) Pyrene	19.478	202	2437	0.03	ng	# 77
32) Benzo(a)anthracene	21.268	228	2240	0.03	ng	# 33
33) Chrysene	21.268	228	2118	0.02	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.152	149	10284	0.33	ng	99

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

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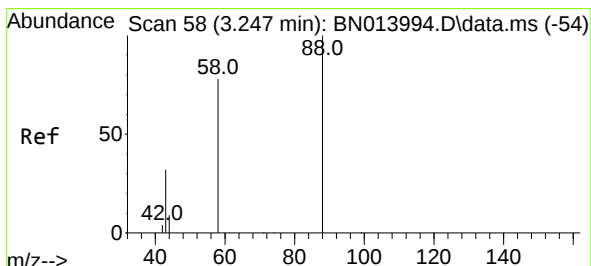
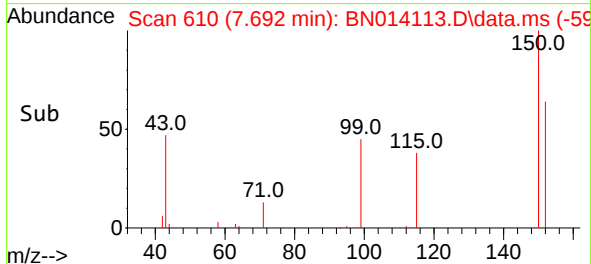
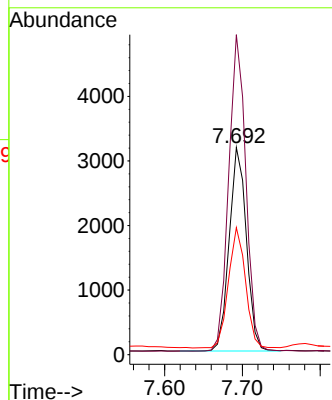
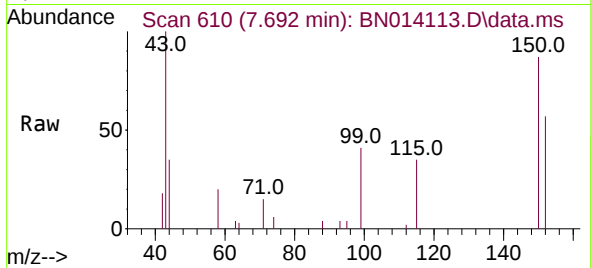




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014113.D
 Acq: 25 Mar 2021 19:13

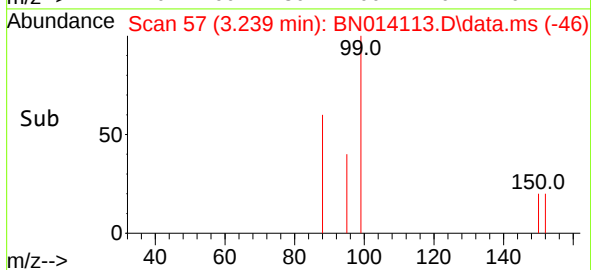
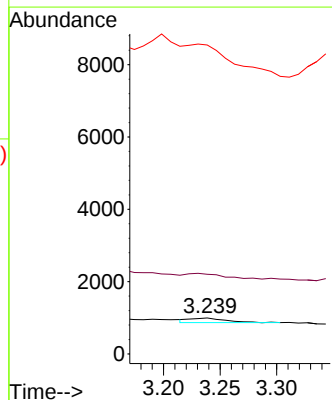
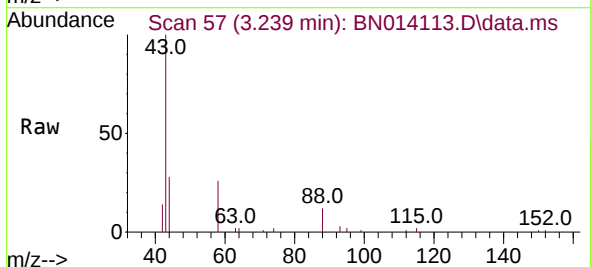
Instrument :
 BNA_N
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 MW202D1-20210320

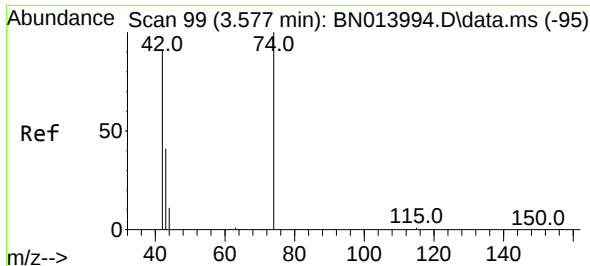
Tgt Ion:152 Resp: 4854
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.8 182.8
 115 61.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014113.D
 Acq: 25 Mar 2021 19:13

Tgt Ion: 88 Resp: 287
 Ion Ratio Lower Upper
 88 100
 58 0.0 64.6 96.8#
 43 0.0 26.6 40.0#

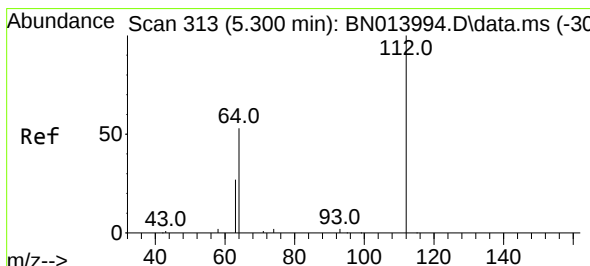
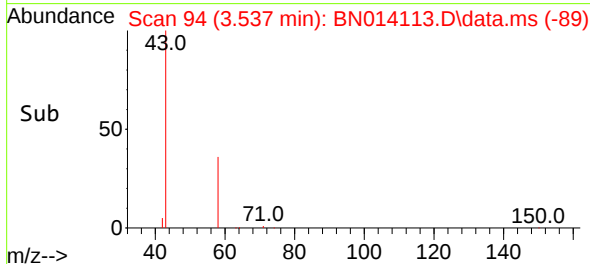
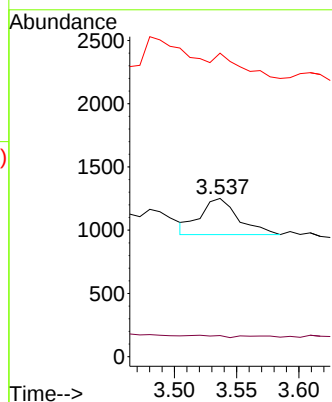
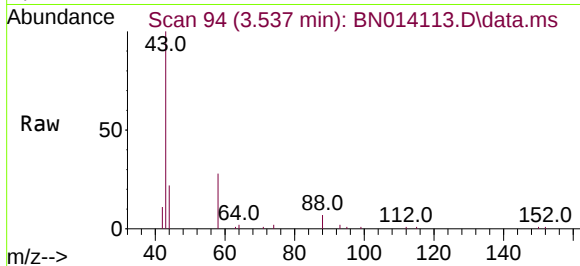




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.537 min Scan# 94
Delta R.T. -0.056 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

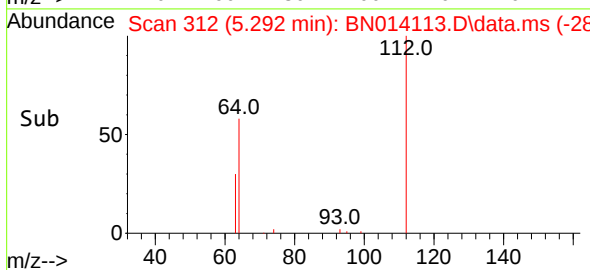
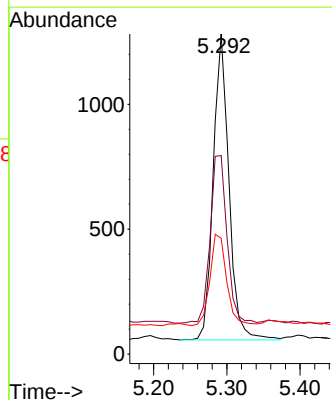
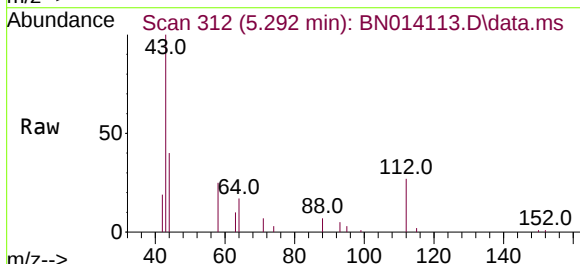
Instrument :
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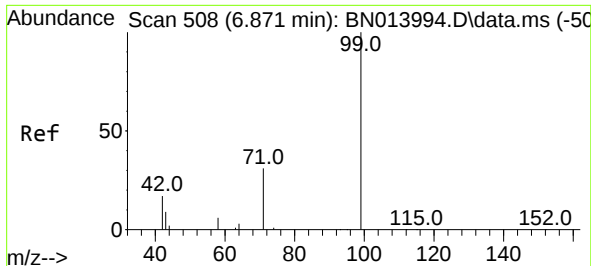
Tgt Ion: 42 Resp: 606
Ion Ratio Lower Upper
42 100
74 4.1 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion: 112 Resp: 1824
Ion Ratio Lower Upper
112 100
64 58.7 44.3 66.5
63 31.9 23.0 34.6

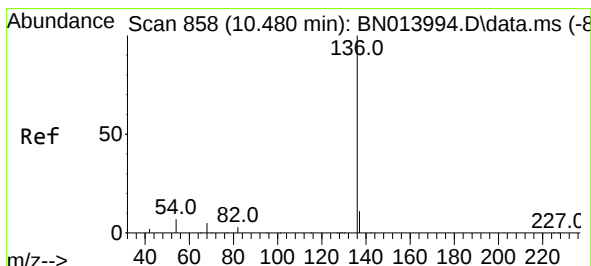
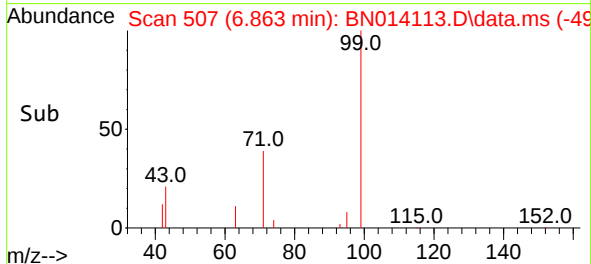
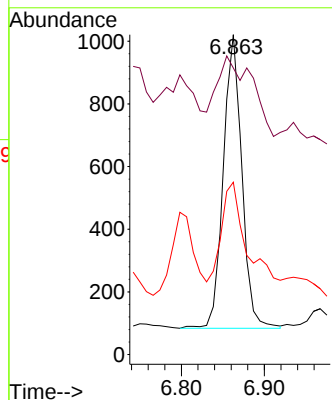
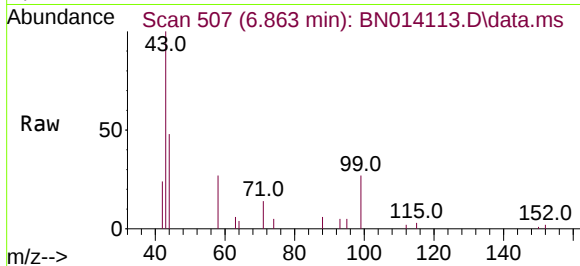




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

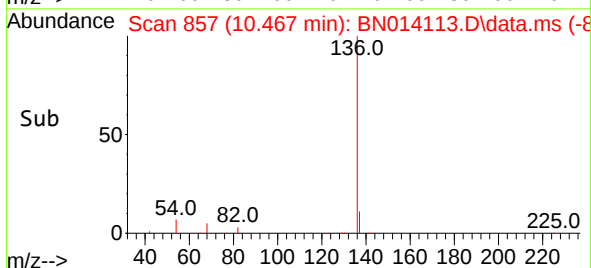
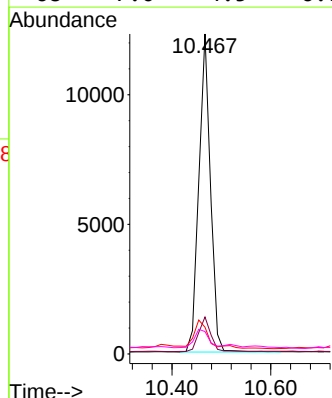
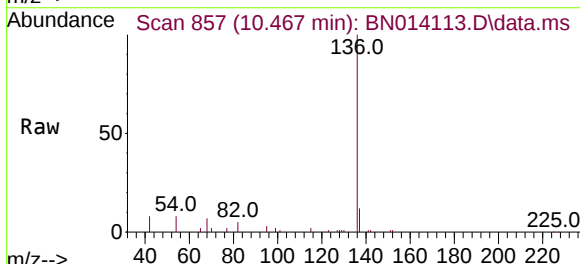
Instrument :
BNA_N
ClientSampleId :
MW202D1-20210320

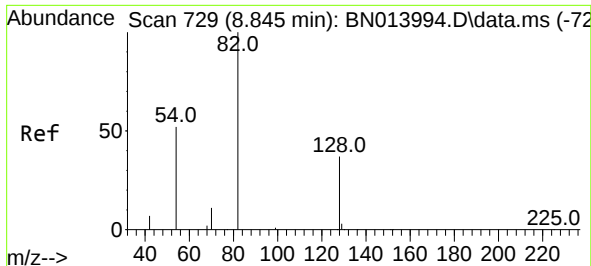
Tgt Ion: 99 Resp: 1457
Ion Ratio Lower Upper
99 100
42 51.3 15.2 22.8#
71 43.9 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion: 136 Resp: 20027
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 8.4 6.4 9.6
68 7.0 4.5 6.7#

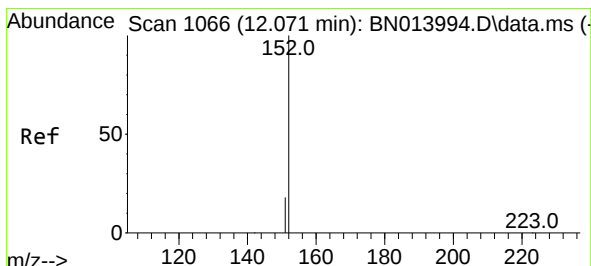
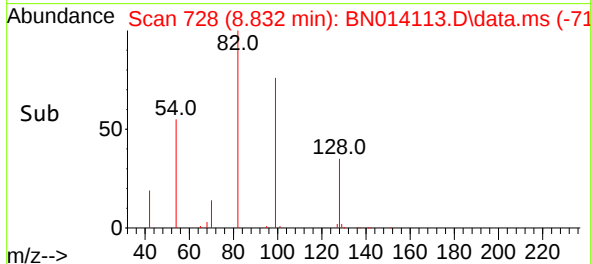
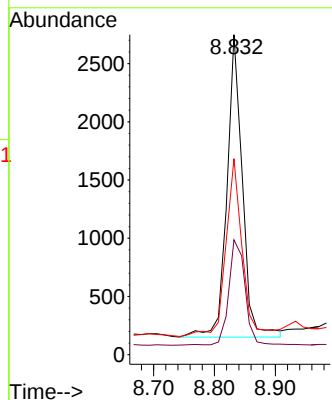
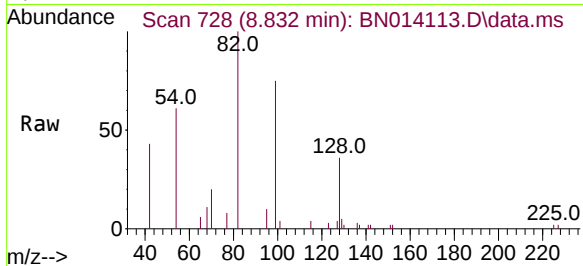




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

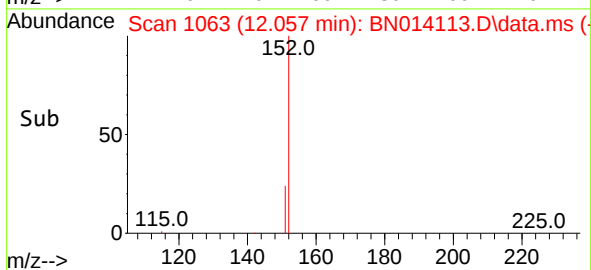
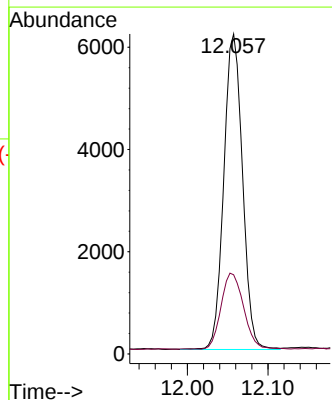
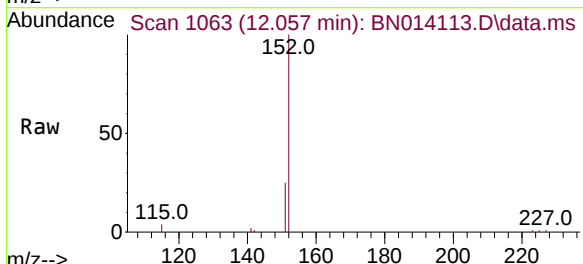
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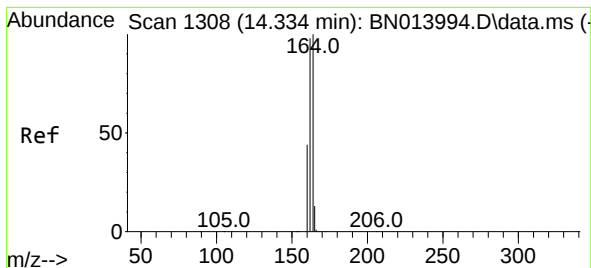
Tgt Ion: 82 Resp: 4582
Ion Ratio Lower Upper
82 100
128 35.9 39.2 58.8#
54 61.3 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion: 152 Resp: 9943
Ion Ratio Lower Upper
152 100
151 28.9 16.2 24.2#

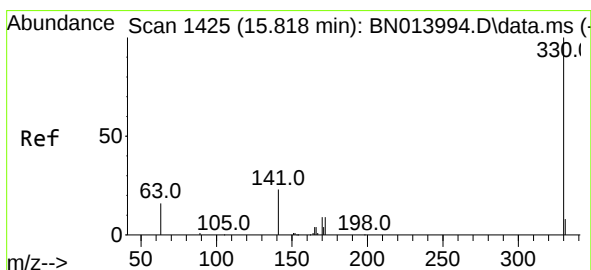
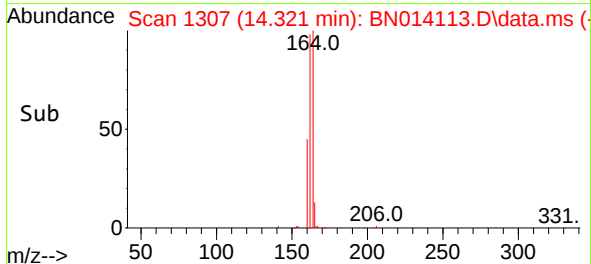
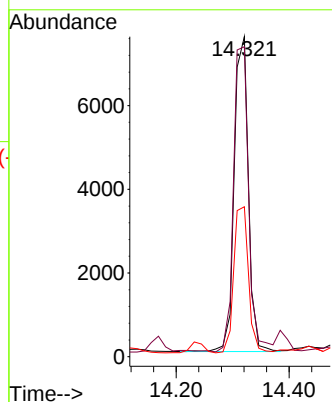
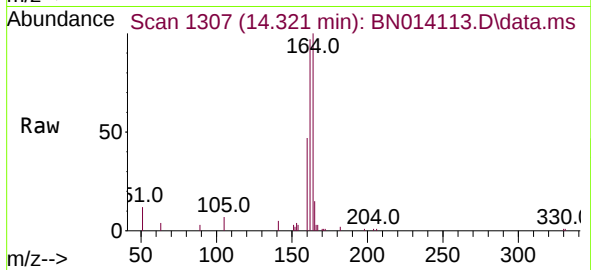




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

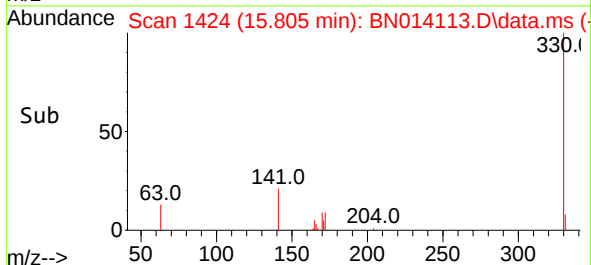
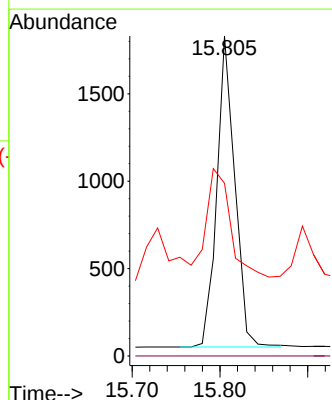
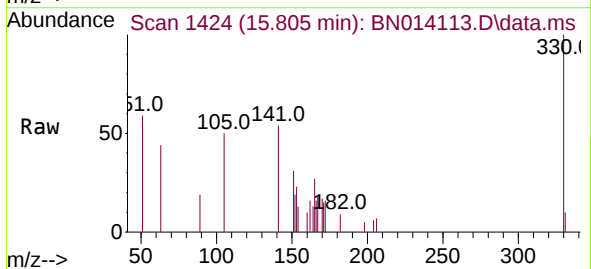
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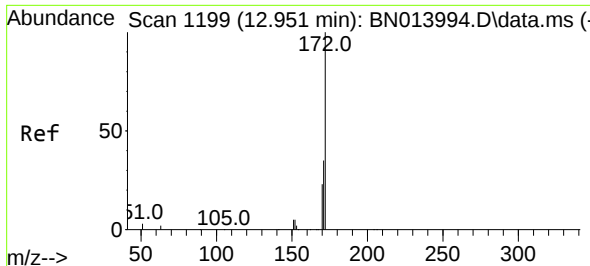
Tgt Ion:164 Resp: 13087
Ion Ratio Lower Upper
164 100
162 96.8 79.6 119.4
160 46.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.59 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:330 Resp: 2537
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.5 26.8 40.2#

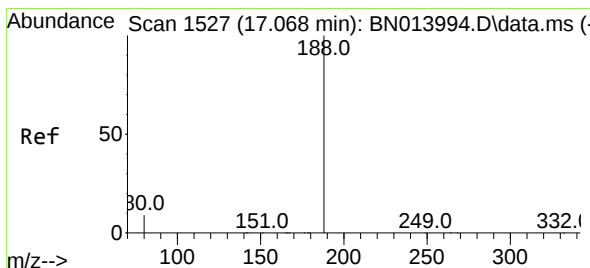
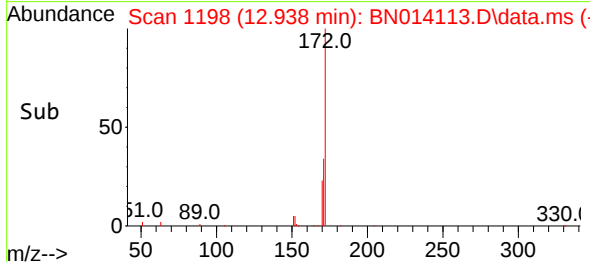
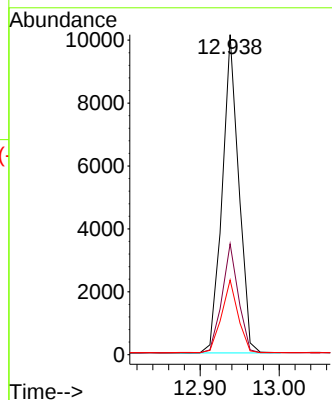
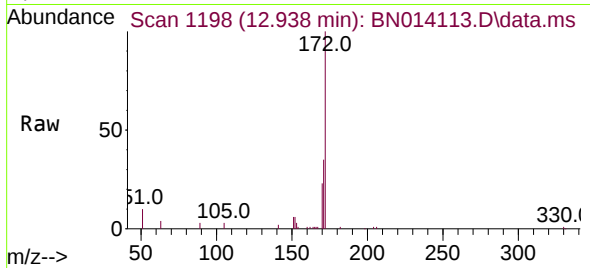




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

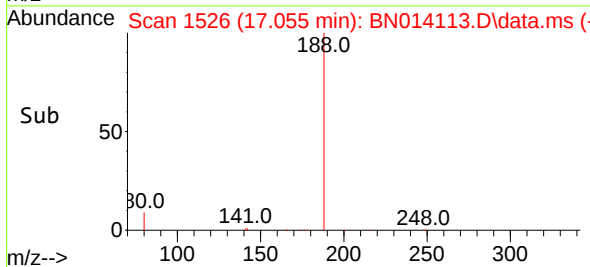
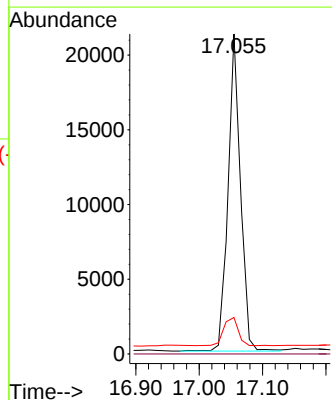
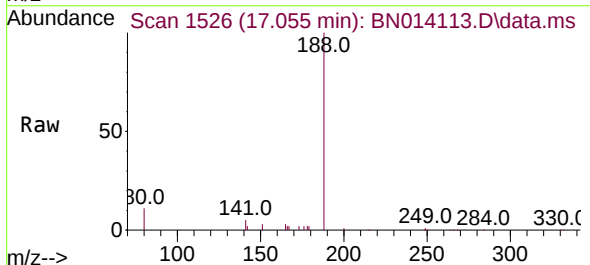
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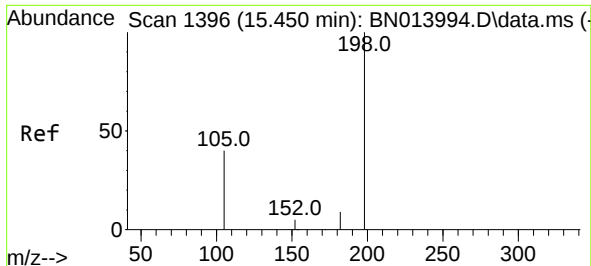
Tgt Ion:172	Resp:	14734
Ion Ratio	Lower	Upper
172	100	
171	34.7	28.6 42.8
170	23.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:188	Resp:	28918
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.4	9.0 13.6

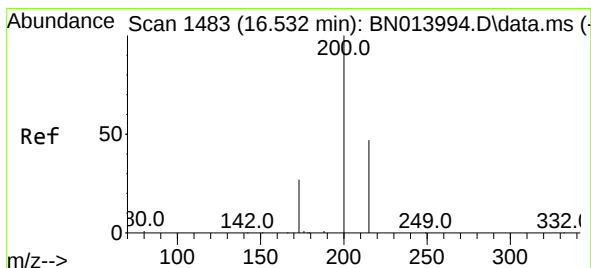
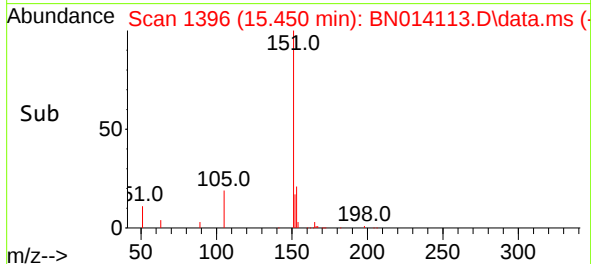
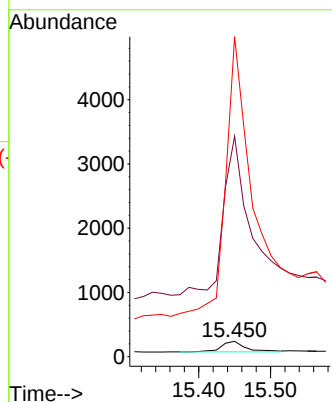
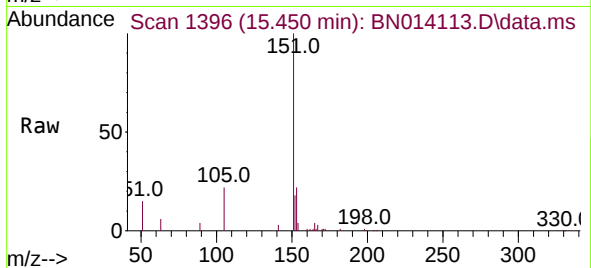




#20
4,6-Dinitro-2-methylphenol
Concen: 0.12 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

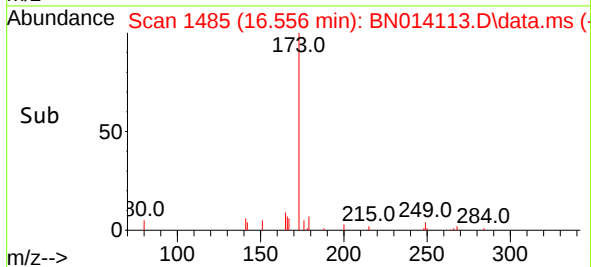
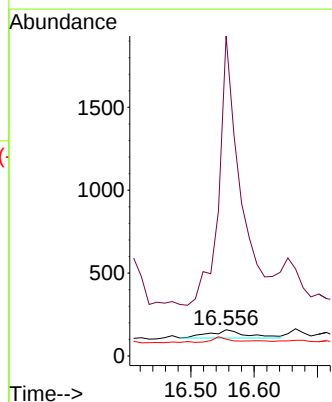
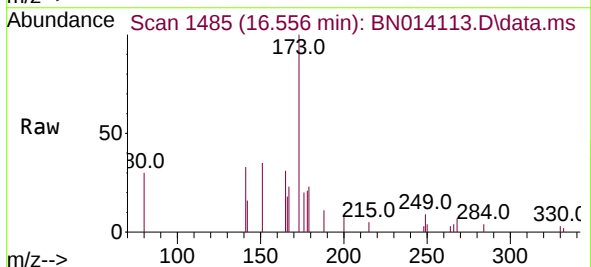
Instrument :
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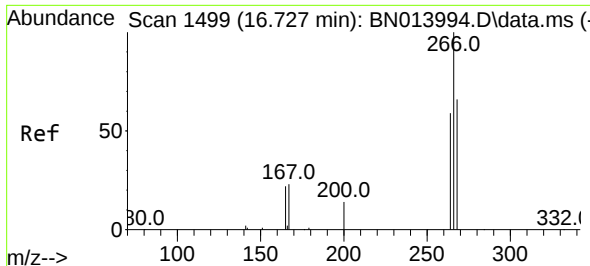
Tgt Ion:198 Resp: 398
Ion Ratio Lower Upper
198 100
51 1436.0 61.7 92.5#
105 2084.1 33.0 49.6#



#23
Atrazine
Concen: 0.02 ng
RT: 16.556 min Scan# 1485
Delta R.T. 0.024 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:200 Resp: 204
Ion Ratio Lower Upper
200 100
173 1222.2 18.6 28.0#
215 63.9 41.0 61.6#

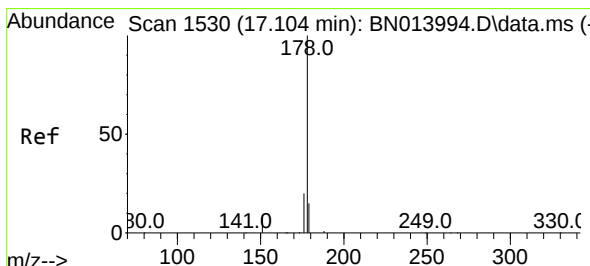
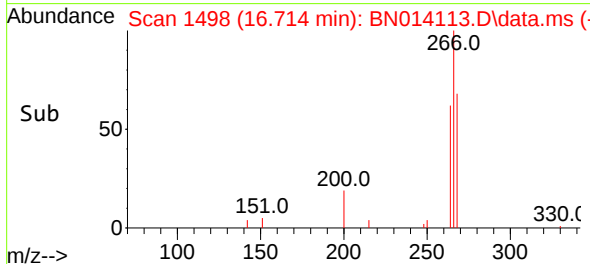
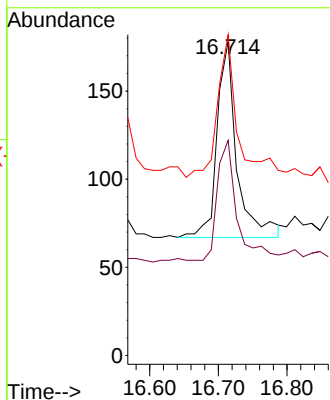
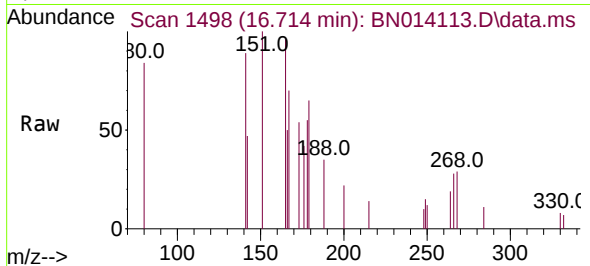




#24
Pentachlorophenol
Concen: 0.05 ng
RT: 16.714 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

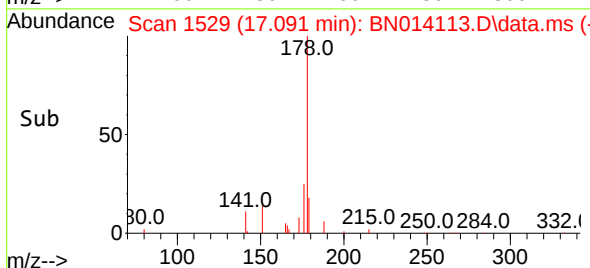
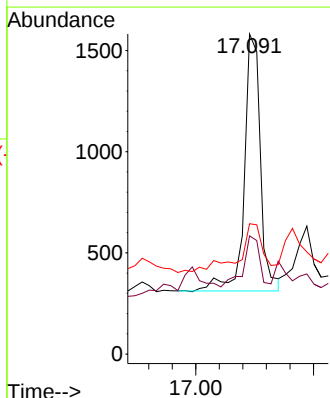
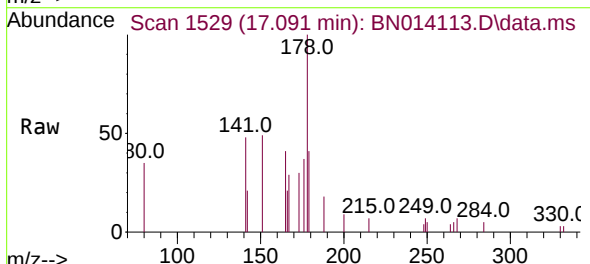
Instrument :
BNA_N
ClientSampleId :
MW202D1-20210320

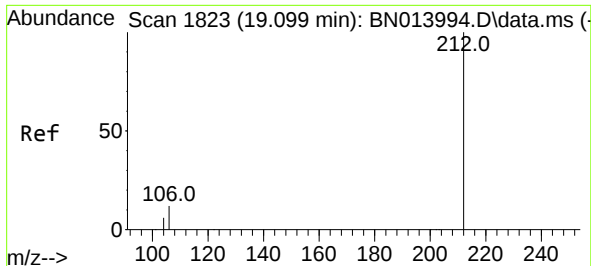
Tgt Ion:266	Resp:	222
Ion Ratio	Lower	Upper
266	100	
264	60.4	51.6 77.4
268	76.1	54.6 82.0



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.091 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:178	Resp:	2412
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.0 22.4
179	28.2	12.3 18.5#

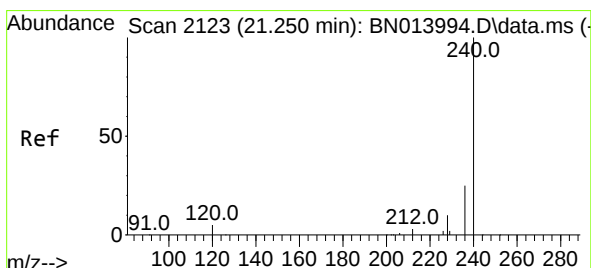
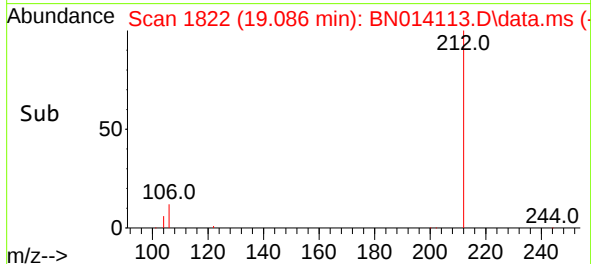
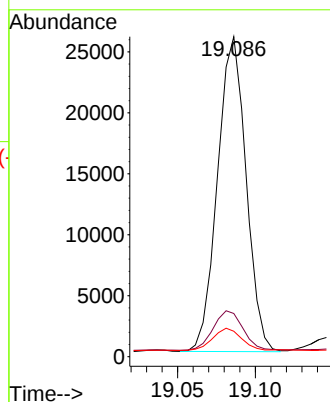
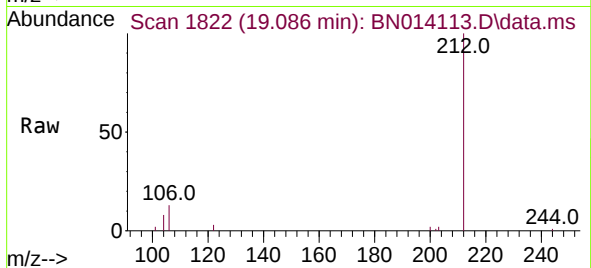




#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.086 min Scan# 1822
Delta R.T. -0.002 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

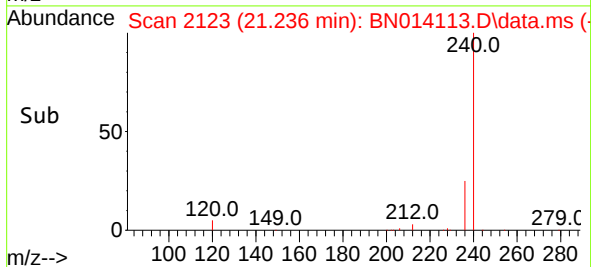
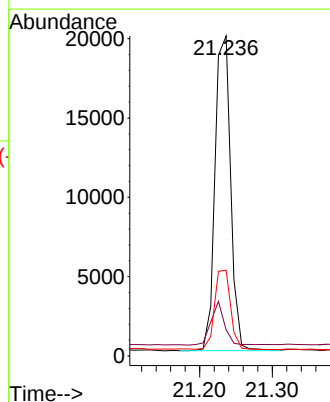
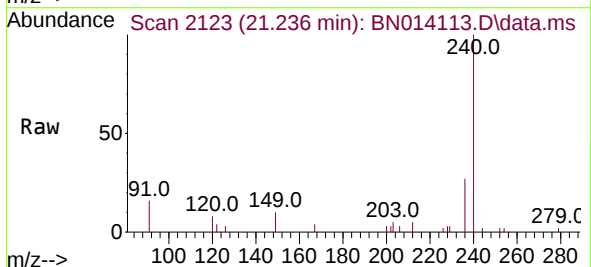
Instrument :
BNA_N
ClientSampleId :
MW202D1-20210320

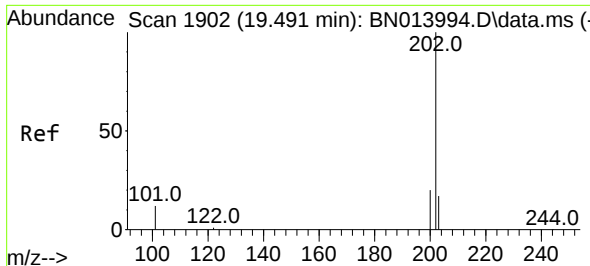
Tgt Ion:212	Resp:	33029
Ion Ratio	Lower	Upper
212	100	
106	13.1	9.7 14.5
104	7.1	5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.236 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:240	Resp:	29669
Ion Ratio	Lower	Upper
240	100	
120	8.1	10.2 15.4#
236	26.8	21.3 31.9

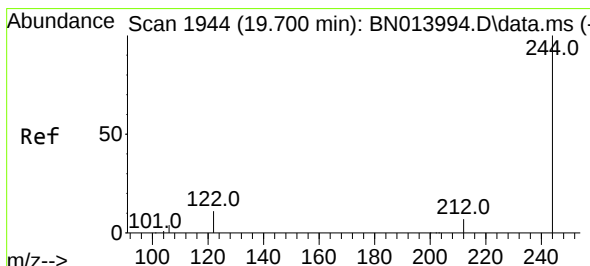
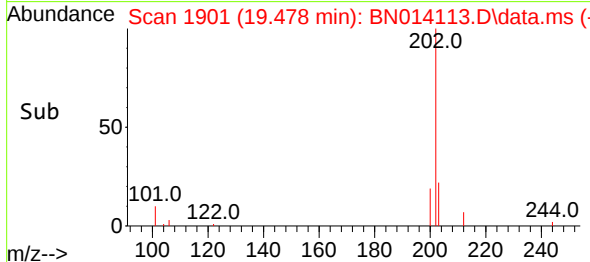
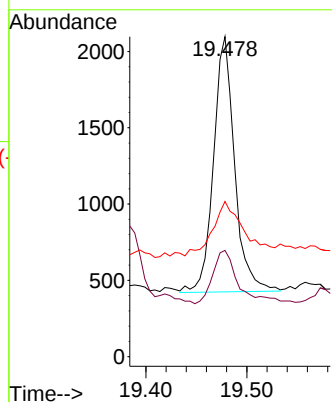
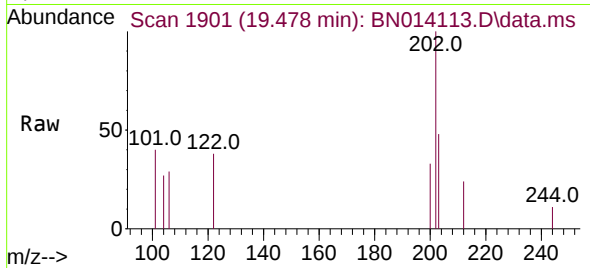




#30
Pyrene
Concen: 0.03 ng
RT: 19.478 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

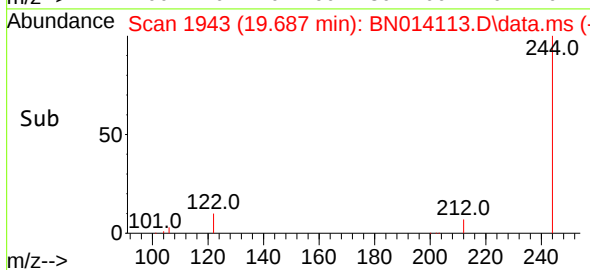
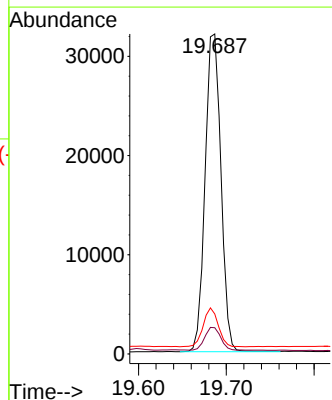
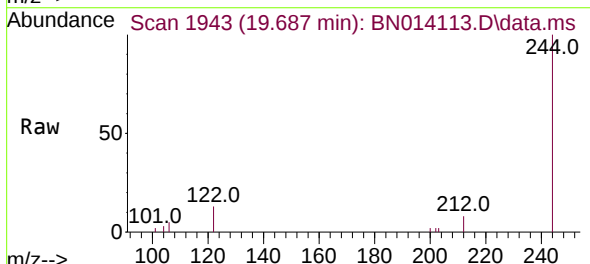
Instrument :
BNA_N
ClientSampleId :
MW202D1-20210320

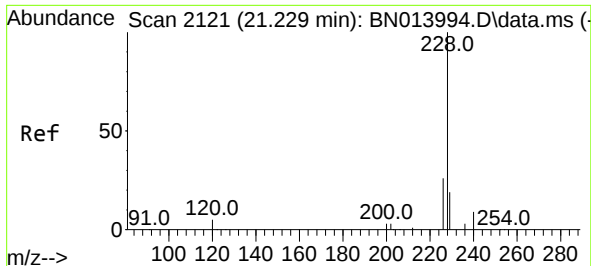
Tgt Ion:202 Resp: 2437
Ion Ratio Lower Upper
202 100
200 25.6 16.3 24.5#
203 33.7 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.62 ng
RT: 19.687 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:244 Resp: 40275
Ion Ratio Lower Upper
244 100
212 8.2 6.1 9.1
122 12.5 9.8 14.8

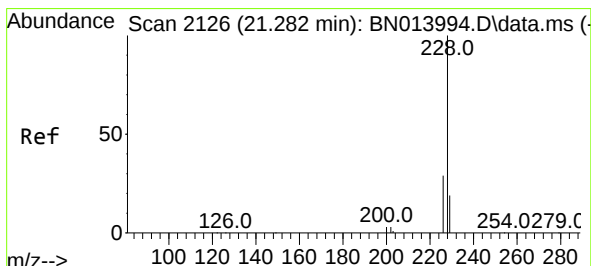
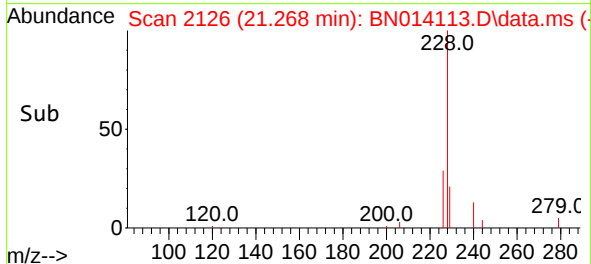
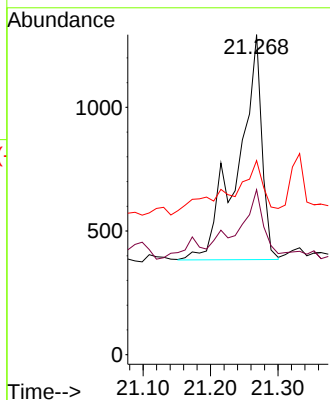
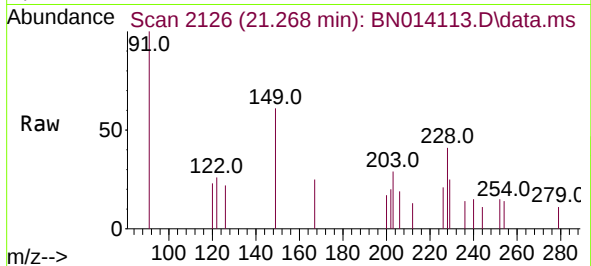




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.268 min Scan# 2126
Delta R.T. 0.051 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

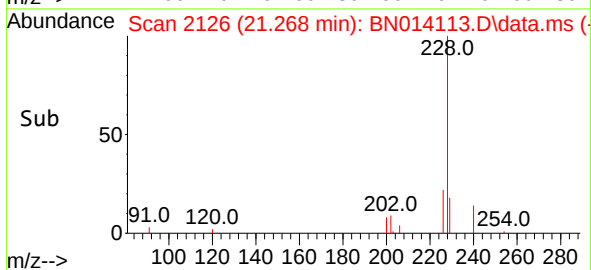
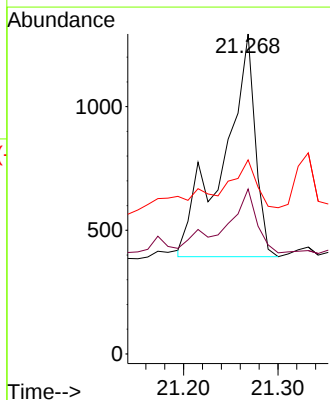
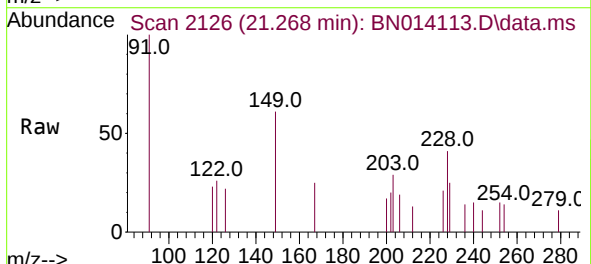
Instrument :
BNA_N
ClientSampleId :
MW202D1-20210320

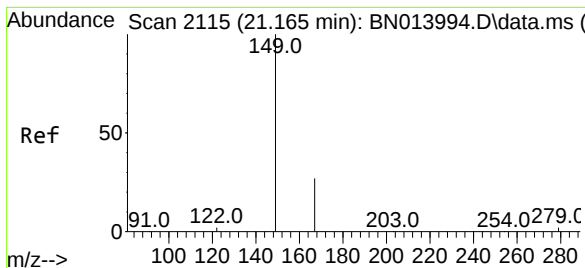
Tgt Ion:228 Resp: 2240
Ion Ratio Lower Upper
228 100
226 51.5 20.5 30.7#
229 60.7 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BN014113.D
Acq: 25 Mar 2021 19:13

Tgt Ion:228 Resp: 2118
Ion Ratio Lower Upper
228 100
226 51.5 24.3 36.5#
229 60.7 15.1 22.7#

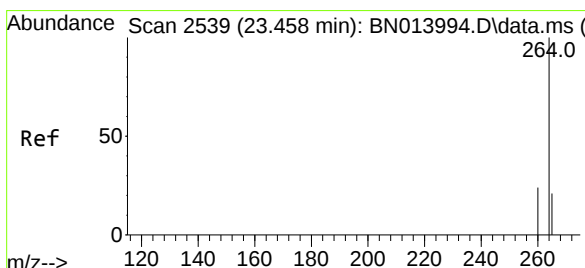
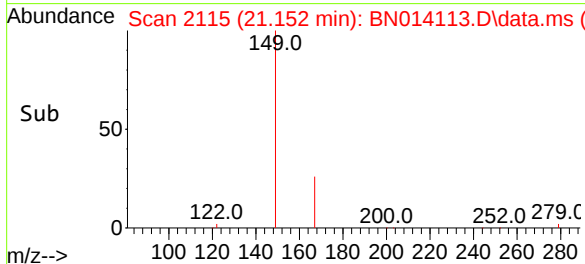
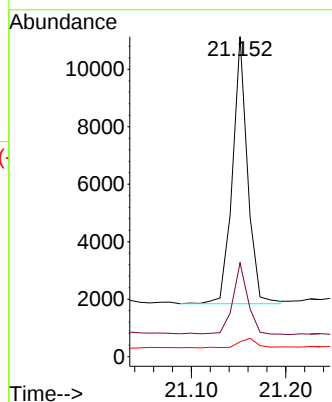
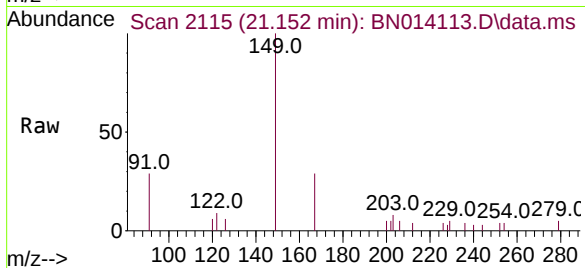




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.33 ng
 RT: 21.152 min Scan# 2115
 Delta R.T. -0.002 min
 Lab File: BN014113.D
 Acq: 25 Mar 2021 19:13

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20210320

Tgt Ion:149 Resp: 10284
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.1 33.1
 279 4.6 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2535
 Delta R.T. -0.009 min
 Lab File: BN014113.D
 Acq: 25 Mar 2021 19:13

Tgt Ion:264 Resp: 28242
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 32.4 66.2 99.4#

