

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013273.D
 Acq On : 22 Dec 2020 15:12
 Operator : CG/JU
 Sample : L5124-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-20201214

Quant Time: Dec 22 16:02:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

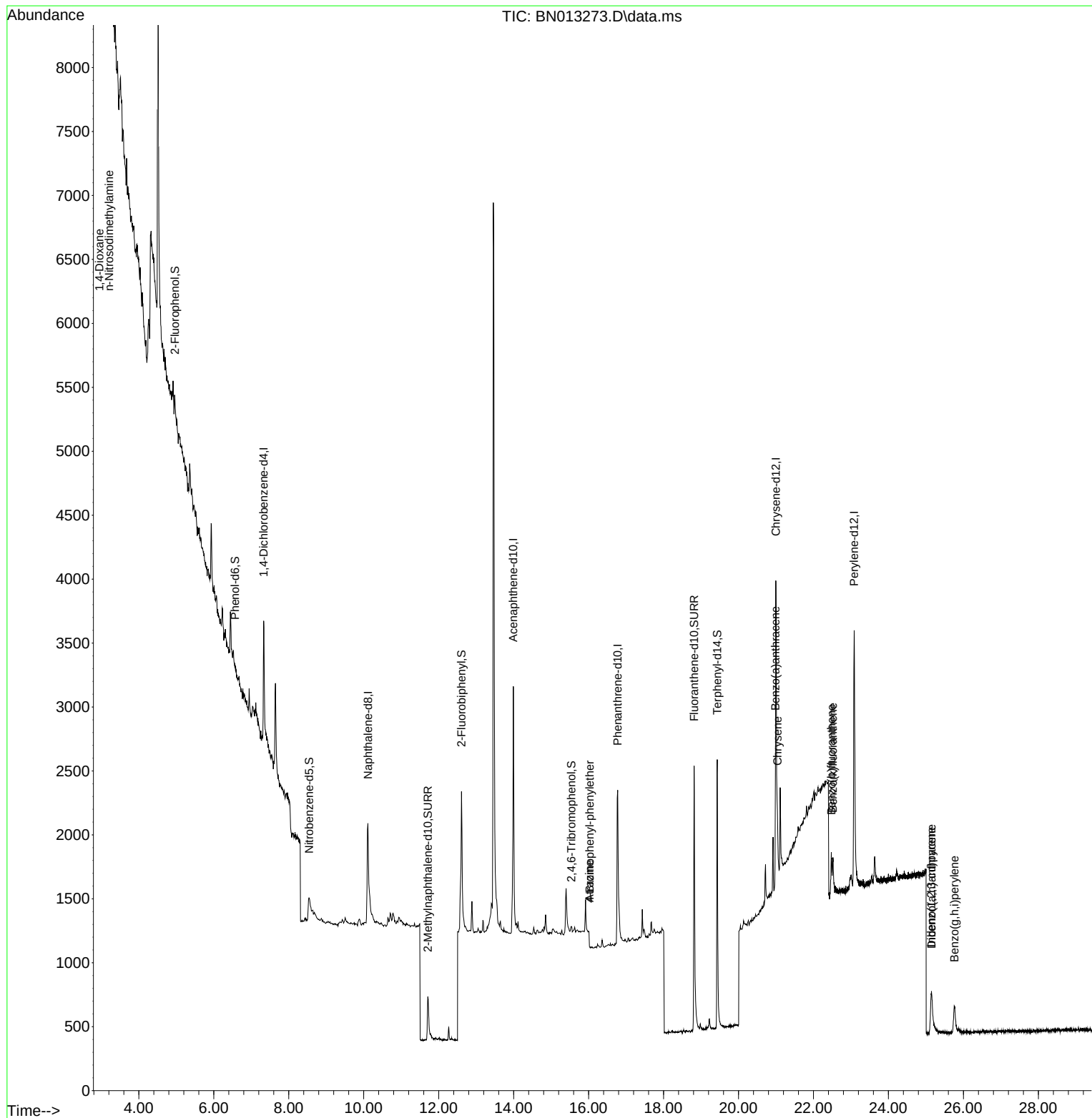
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1910	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1245	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2960	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3070	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	3263	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	145	0.06	ng	0.00
5) Phenol-d6	6.565	99	82	0.03	ng	0.02
8) Nitrobenzene-d5	8.540	82	456	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.711	152	874	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	40	0.05	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1354	0.26	ng	0.00
27) Fluoranthene-d10	18.816	212	3429	0.35	ng	0.00
31) Terphenyl-d14	19.431	244	2942	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.949	88	46	0.04	ng	# 42
3) n-Nitrosodimethylamine	3.206	42	131	0.07	ng	# 22
21) 4-Bromophenyl-phenylether	16.033	248	134	0.23	ng	# 77
23) Atrazine	16.021	200	203	0.11	ng	# 1
32) Benzo(a)anthracene	20.984	228	300	0.03	ng	# 61
33) Chrysene	21.037	228	351	0.03	ng	# 70
34) Bis(2-ethylhexyl)phtha...	20.921	149	369	Below Cal		# 98
35) Indeno(1,2,3-cd)pyrene	25.146	276	377	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.479	252	413	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	391	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.149	278	305	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.762	276	576	0.04	ng	# 44

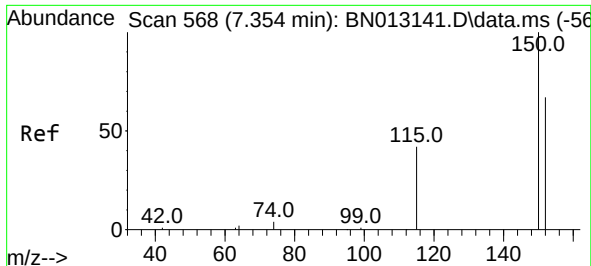
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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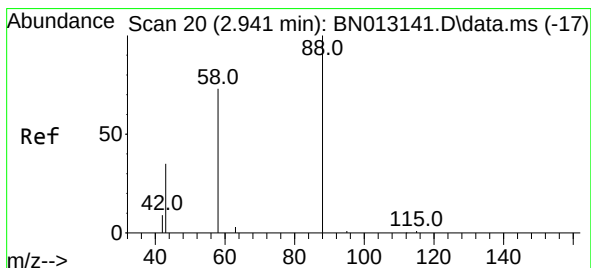
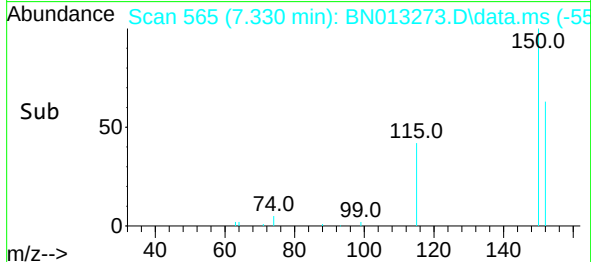
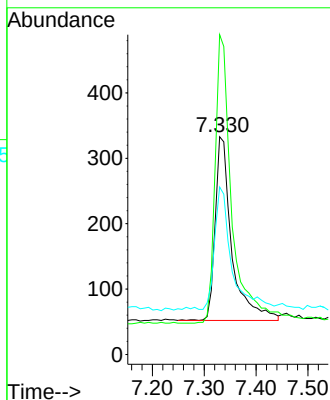
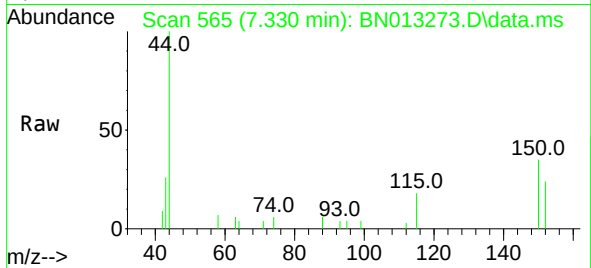




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

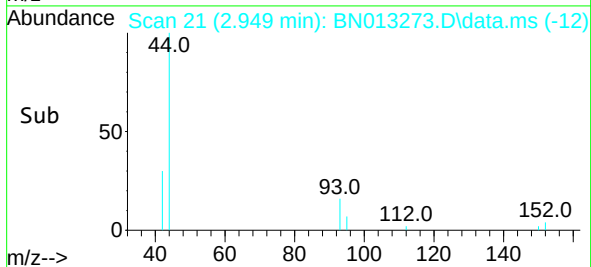
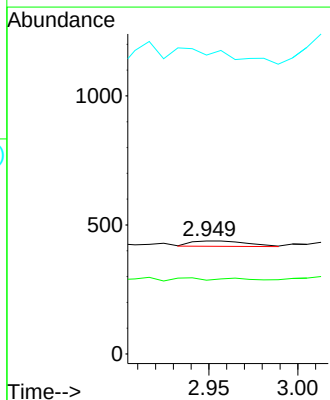
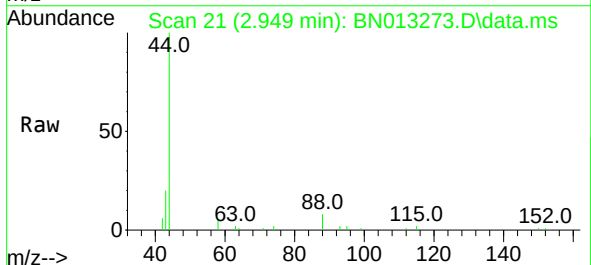
Instrument :
BNA_N
ClientSampleId :
EB-20201214

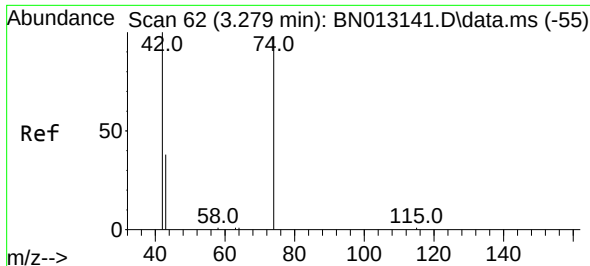
Tgt Ion:152 Resp: 628
Ion Ratio Lower Upper
152 100
150 146.8 116.6 174.8
115 76.9 52.9 79.3



#2
1,4-Dioxane
Concen: 0.04 ng
RT: 2.949 min Scan# 21
Delta R.T. 0.024 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
58 28.3 59.4 89.2#
43 0.0 32.3 48.5#

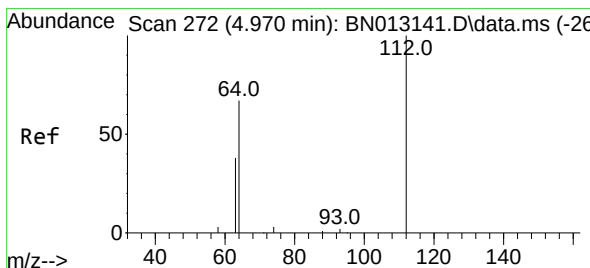
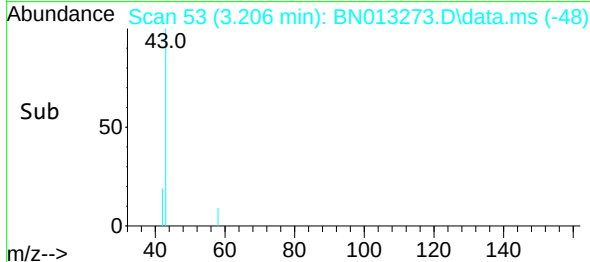
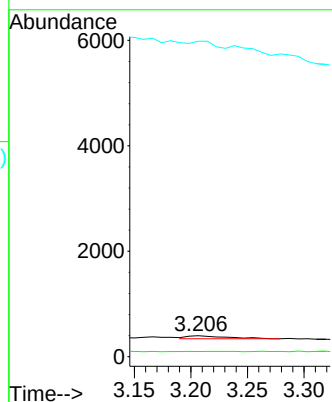
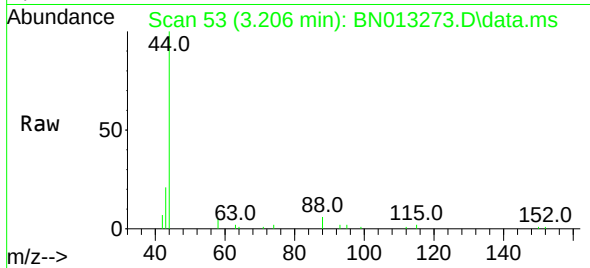




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.206 min Scan# 53
Delta R.T. -0.056 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

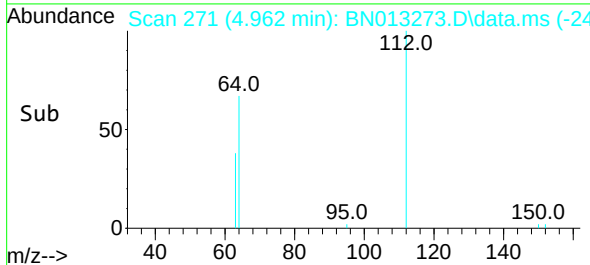
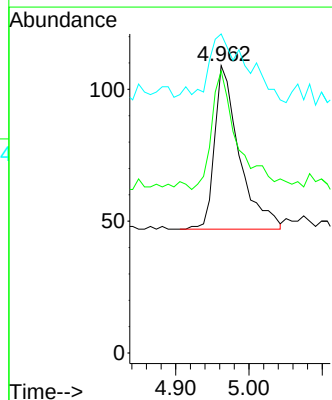
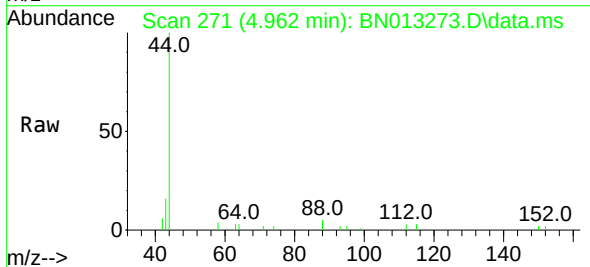
Instrument :
BNA_N
ClientSampleId :
EB-20201214

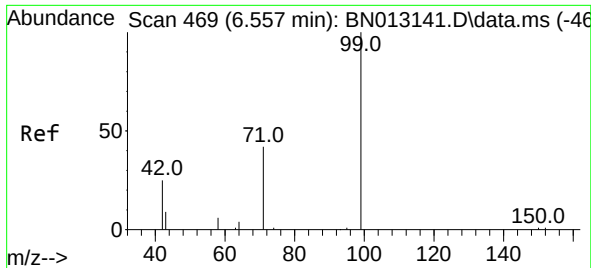
Tgt Ion: 42 Resp: 131
Ion Ratio Lower Upper
42 100
74 9.2 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.06 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 112 Resp: 145
Ion Ratio Lower Upper
112 100
64 77.9 49.5 74.3#
63 64.1 32.0 48.0#

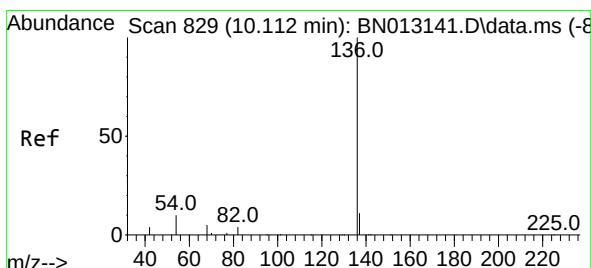
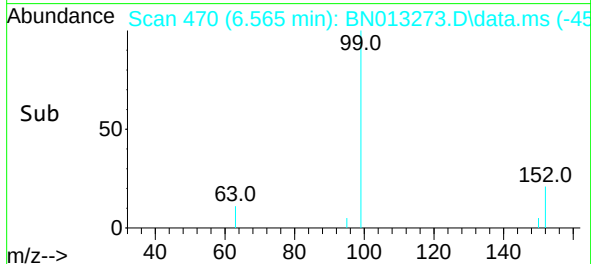
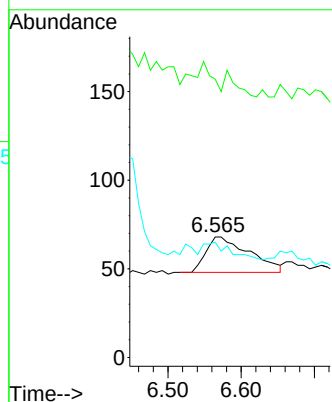
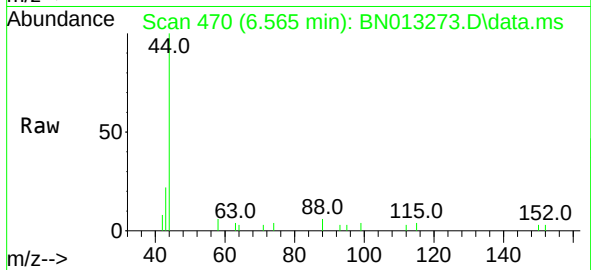




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

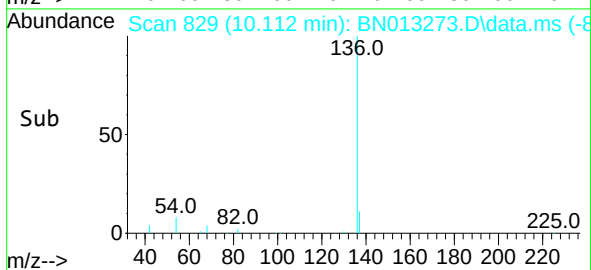
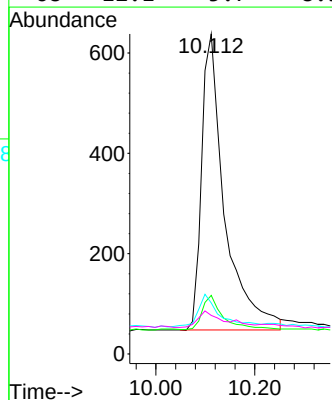
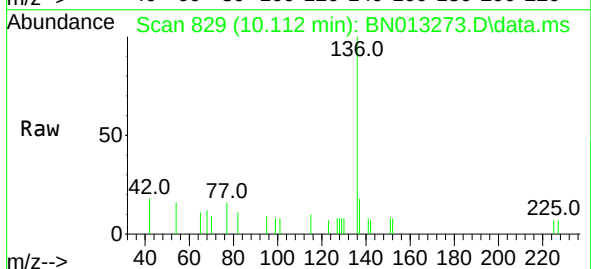
Instrument :
BNA_N
ClientSampleId :
EB-20201214

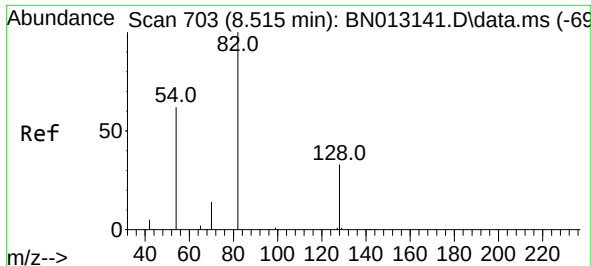
Tgt Ion: 99 Resp: 82
Ion Ratio Lower Upper
99 100
42 24.4 22.4 33.6
71 34.1 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 136 Resp: 1910
Ion Ratio Lower Upper
136 100
137 18.3 10.6 15.8#
54 16.0 8.6 12.8#
68 12.1 5.7 8.5#

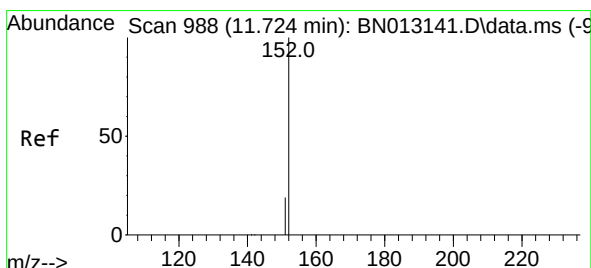
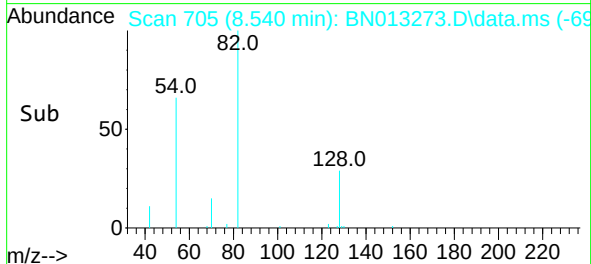
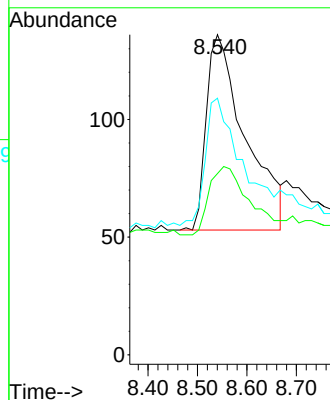
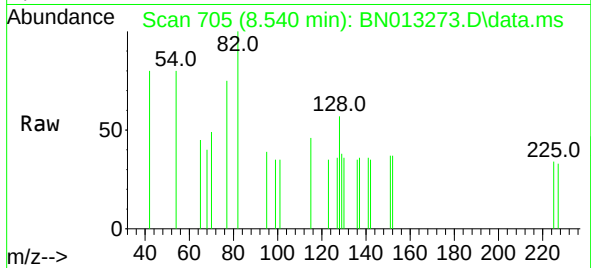




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

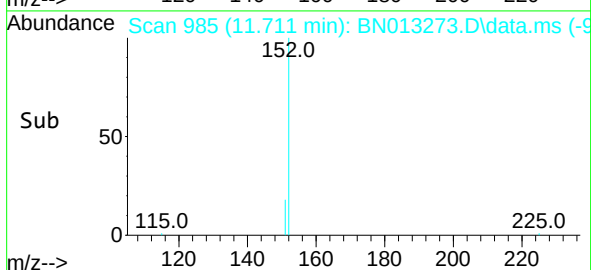
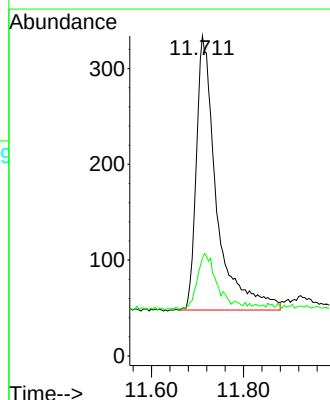
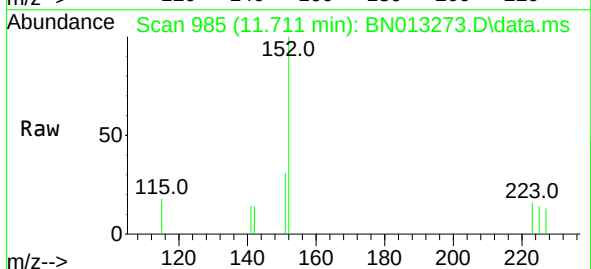
Instrument :
BNA_N
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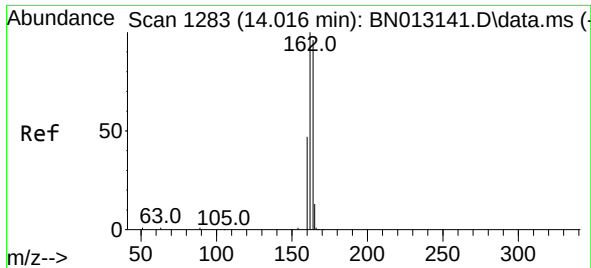
Tgt Ion: 82 Resp: 456
Ion Ratio Lower Upper
82 100
128 56.6 30.6 46.0#
54 80.1 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.711 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion: 152 Resp: 874
Ion Ratio Lower Upper
152 100
151 18.6 16.7 25.1

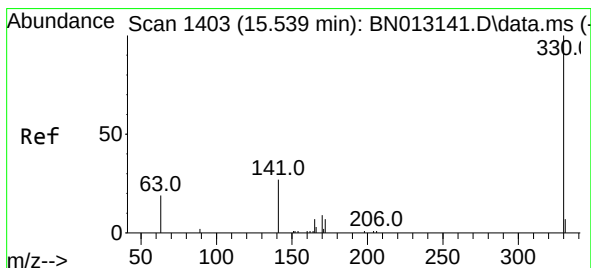
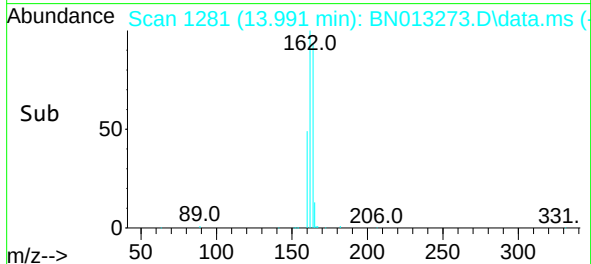
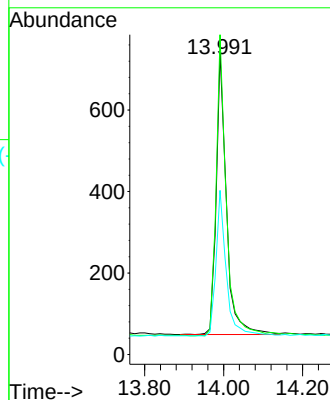
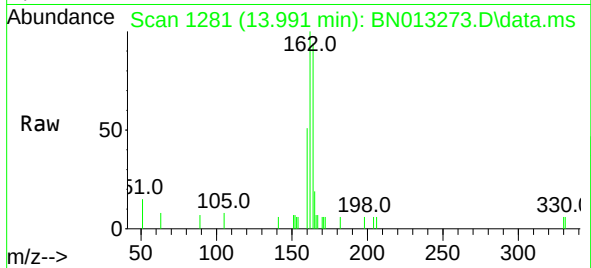




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

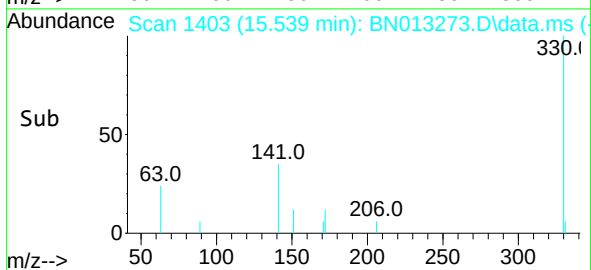
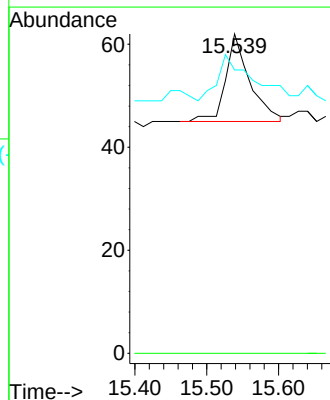
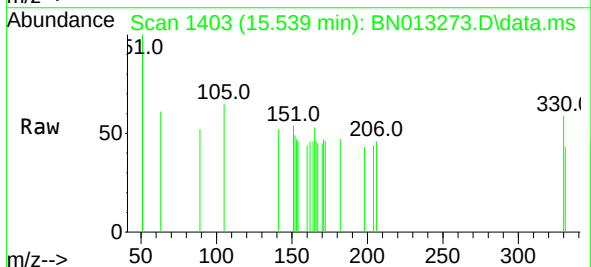
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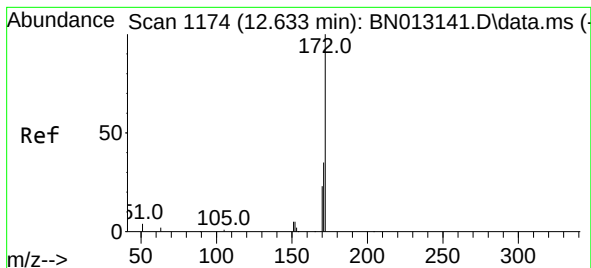
Tgt Ion:164 Resp: 1245
Ion Ratio Lower Upper
164 100
162 105.9 80.6 120.8
160 54.4 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:330 Resp: 40
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 77.5 34.4 51.6#

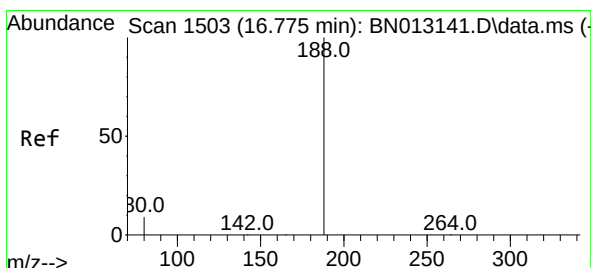
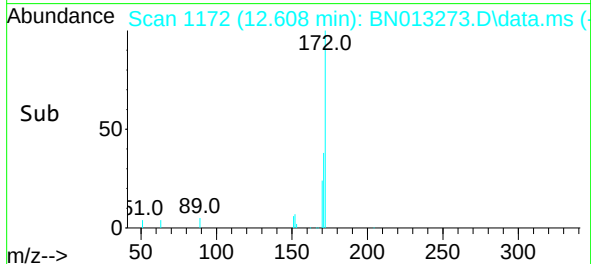
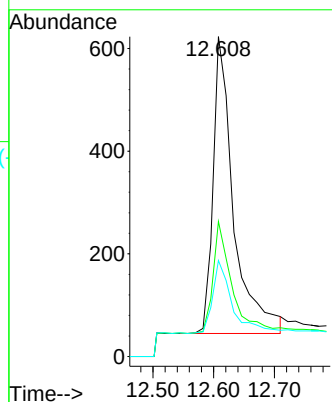
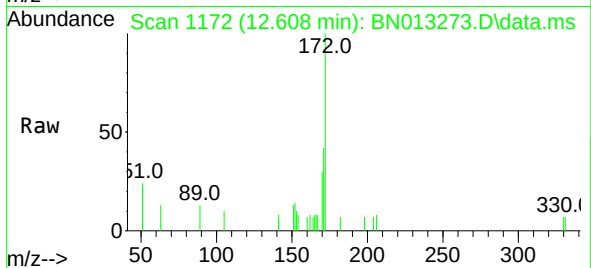




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

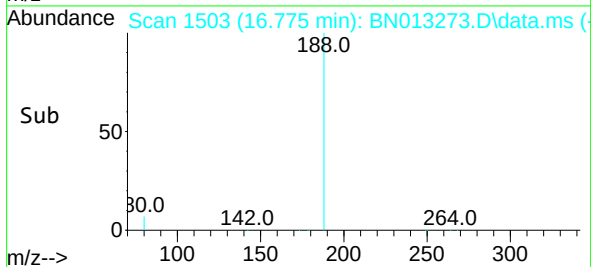
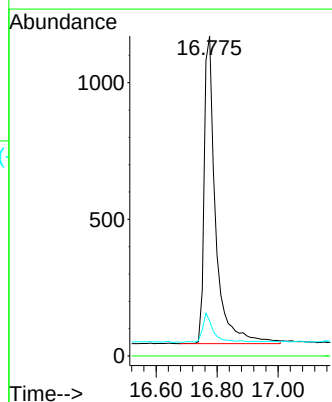
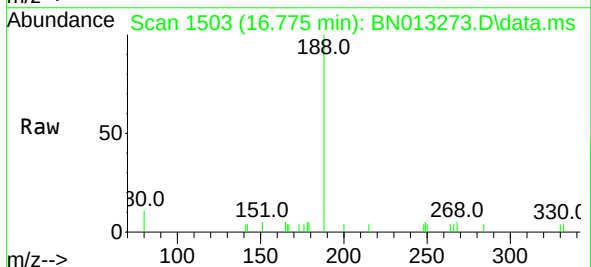
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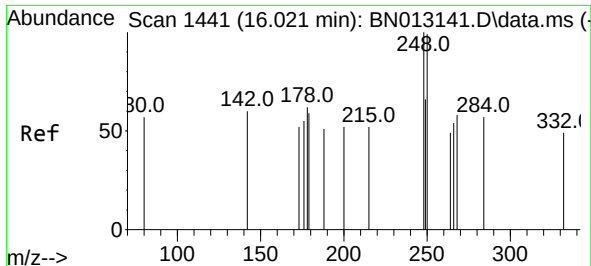
Tgt Ion:	172	Resp:	1354
Ion	Ratio	Lower	Upper
172	100		
171	42.2	28.2	42.4
170	30.0	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

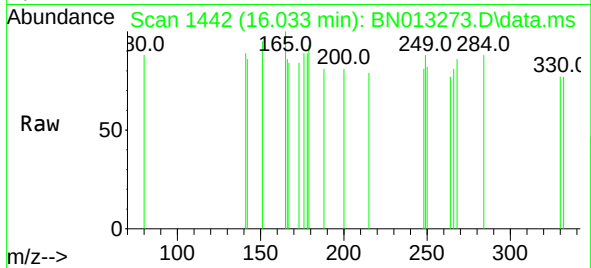
Tgt Ion:	188	Resp:	2960
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	5.0	7.4#



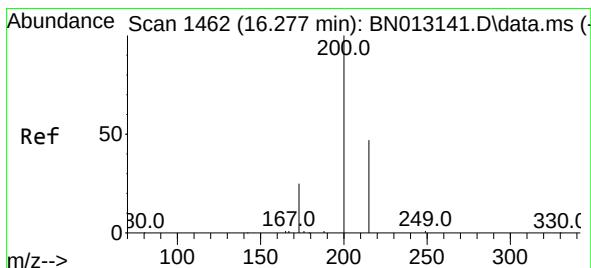
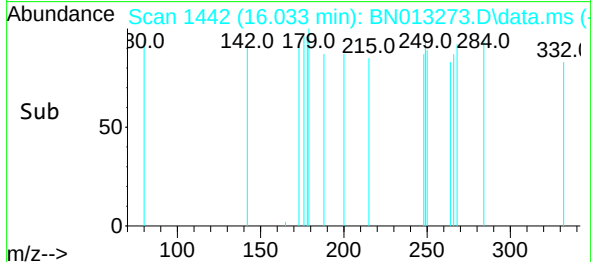
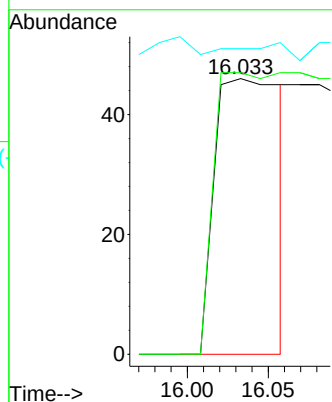


#21
4-Bromophenyl-phenylether
Concen: 0.23 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Instrument :
BNA_N
ClientSampleId :
EB-20201214

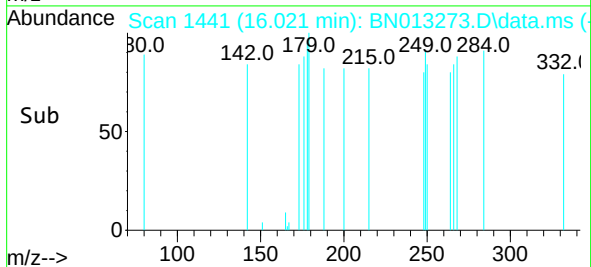
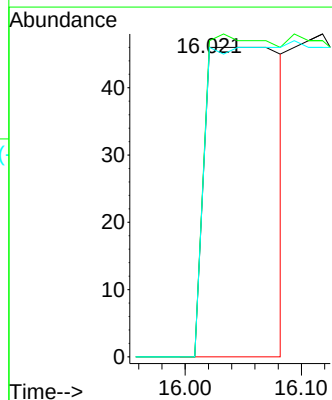
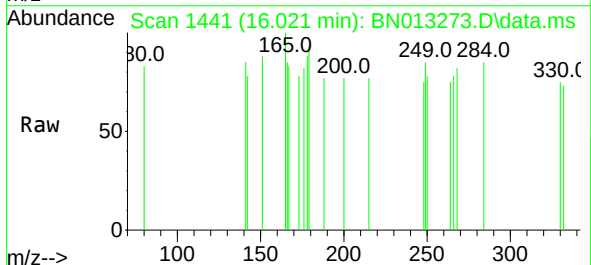


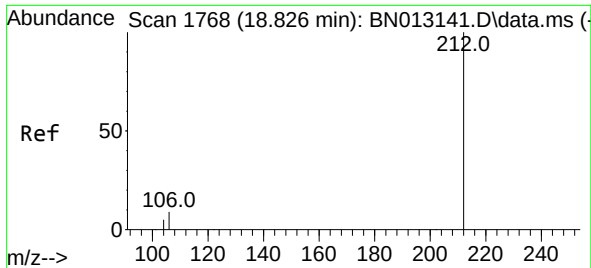
Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 110.9 57.8 86.8#



#23
Atrazine
Concen: 0.11 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:200 Resp: 203
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

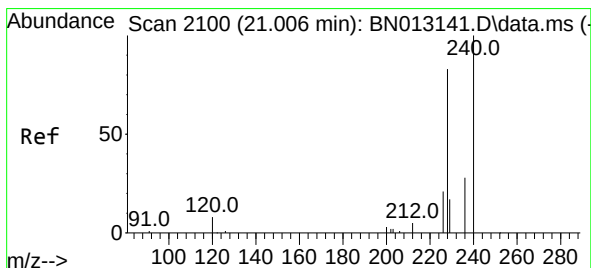
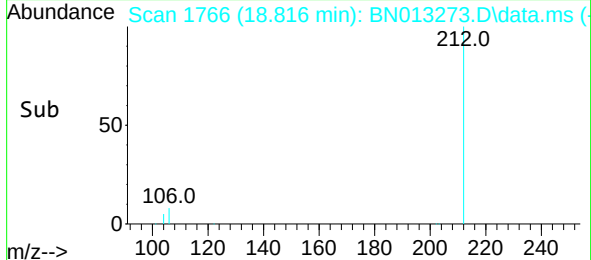
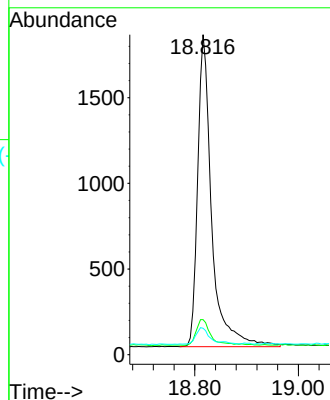
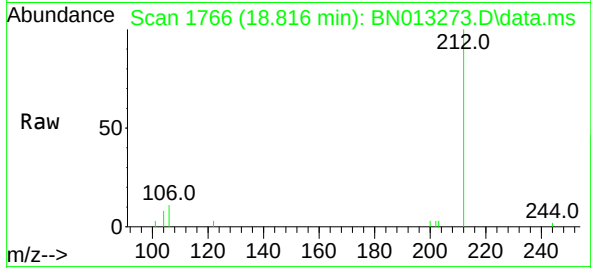




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

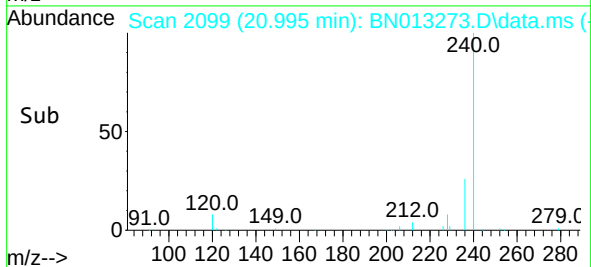
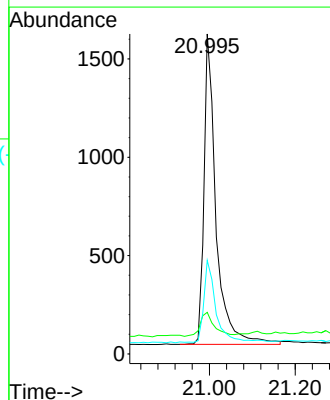
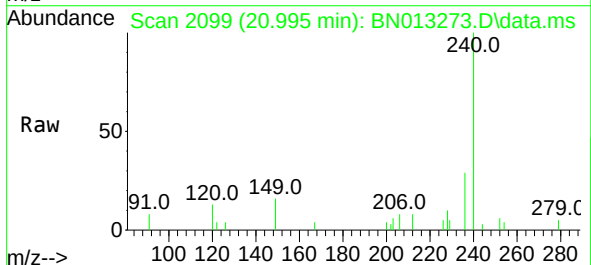
Instrument :
BNA_N
ClientSampleId :
EB-20201214

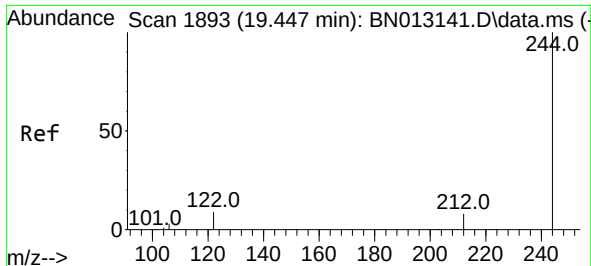
Tgt Ion:212 Resp: 3429
Ion Ratio Lower Upper
212 100
106 8.4 6.8 10.2
104 4.9 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:240 Resp: 3070
Ion Ratio Lower Upper
240 100
120 13.0 5.3 7.9#
236 29.3 21.8 32.8

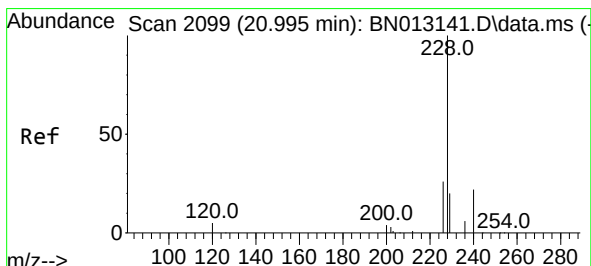
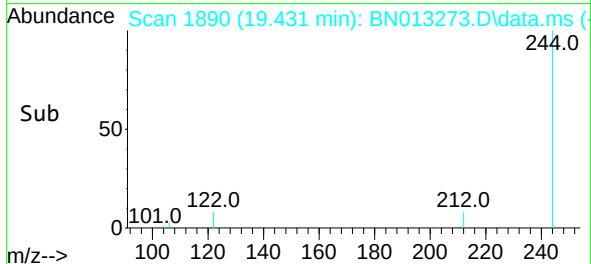
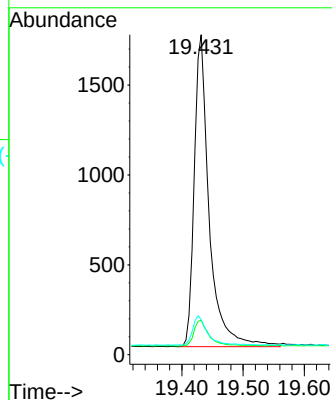
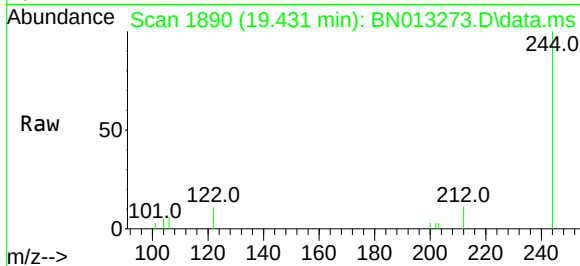




#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.431 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

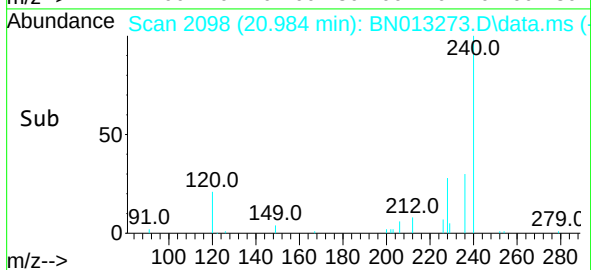
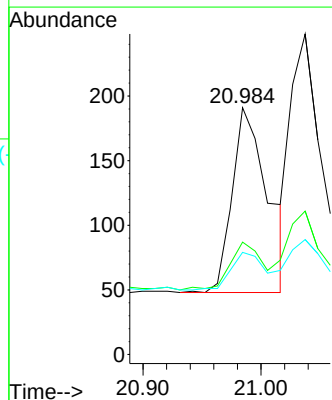
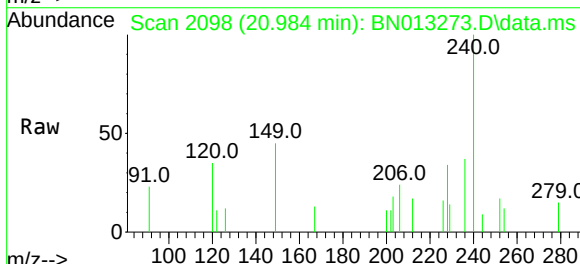
Instrument :
BNA_N
ClientSampleId :
EB-20201214

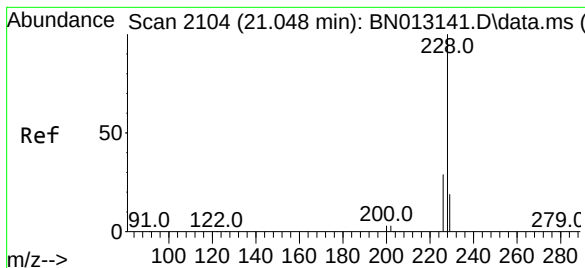
Tgt Ion:244 Resp: 2942
Ion Ratio Lower Upper
244 100
212 10.8 7.3 10.9
122 11.0 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:228 Resp: 300
Ion Ratio Lower Upper
228 100
226 45.5 22.3 33.5#
229 41.4 15.7 23.5#





#33

Chrysene

Concen: 0.03 ng

RT: 21.037 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BN013273.D

Acq: 22 Dec 2020 15:12

Tgt Ion:228 Resp: 351

Ion Ratio Lower Upper

228 100

226 44.8 24.2 36.2#

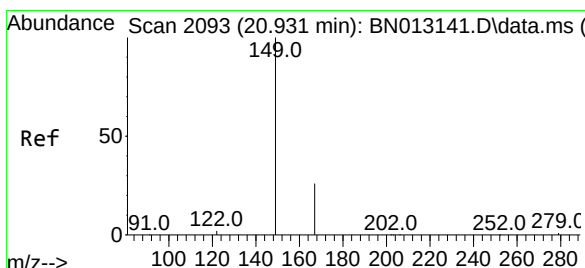
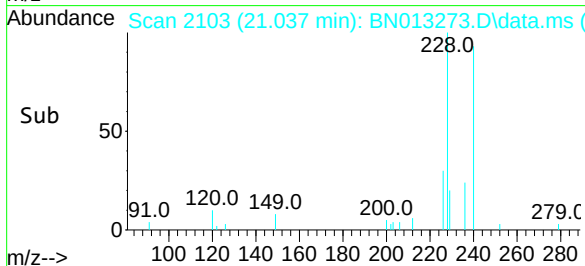
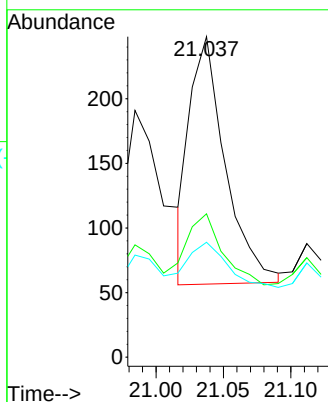
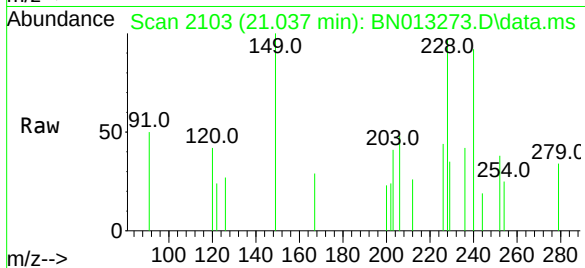
229 35.9 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

EB-20201214



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 20.921 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN013273.D

Acq: 22 Dec 2020 15:12

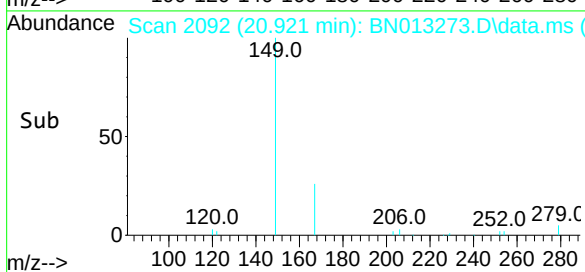
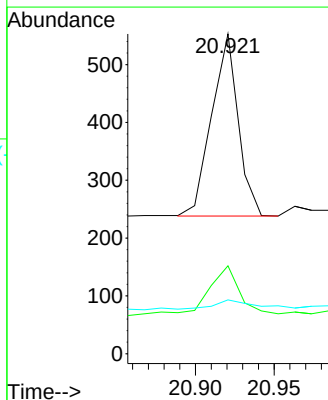
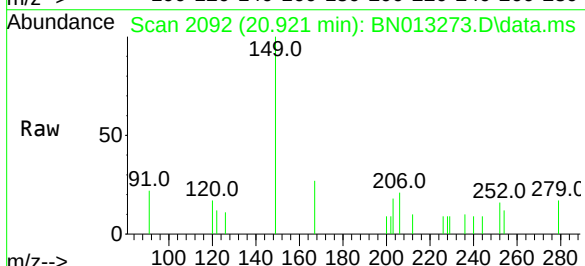
Tgt Ion:149 Resp: 369

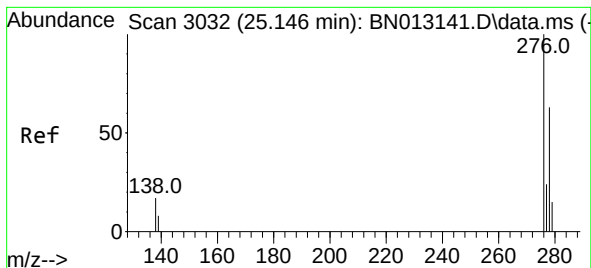
Ion Ratio Lower Upper

149 100

167 27.9 23.2 34.8

279 6.5 3.9 5.9#

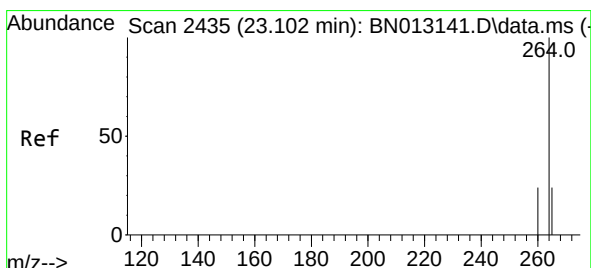
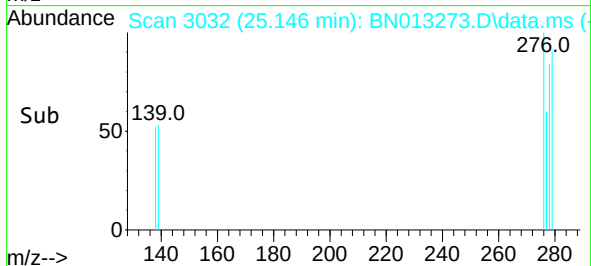
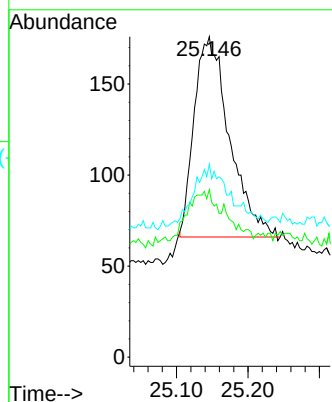
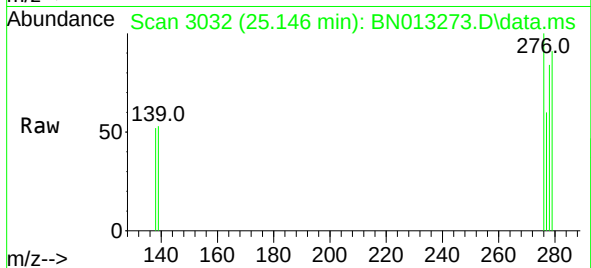




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.146 min Scan# 3032
Delta R.T. 0.024 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

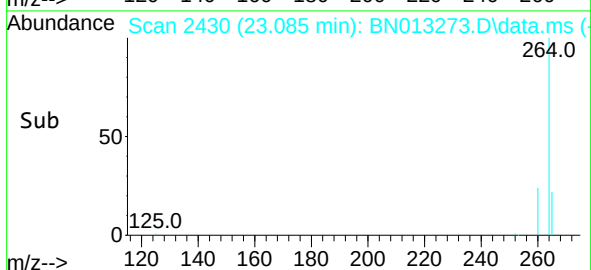
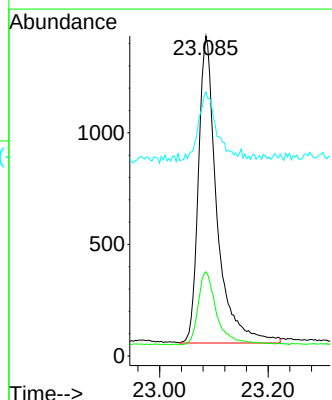
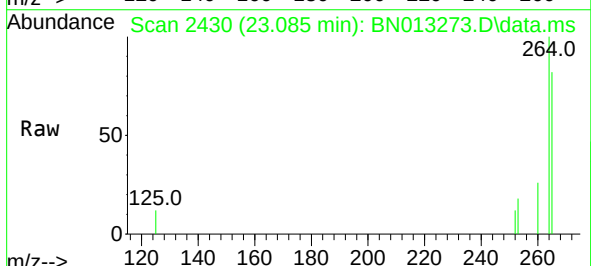
Instrument :
BNA_N
ClientSampleId :
EB-20201214

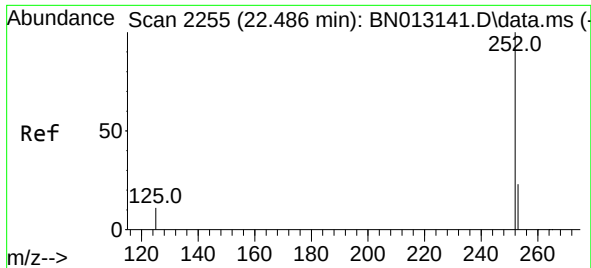
Tgt Ion:276 Resp: 377
Ion Ratio Lower Upper
276 100
138 0.0 13.3 19.9#
277 0.0 20.2 30.4#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.085 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:264 Resp: 3263
Ion Ratio Lower Upper
264 100
260 26.3 19.8 29.6
265 82.5 51.4 77.0#

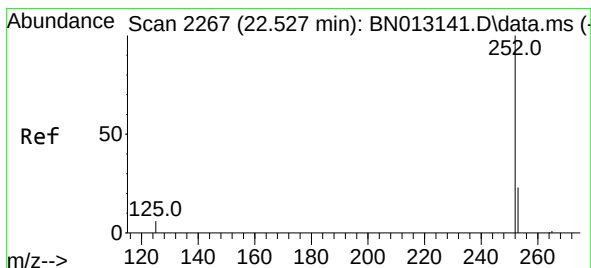
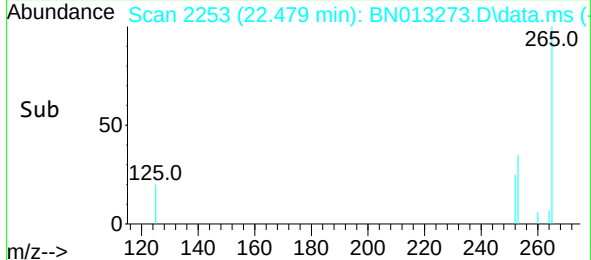
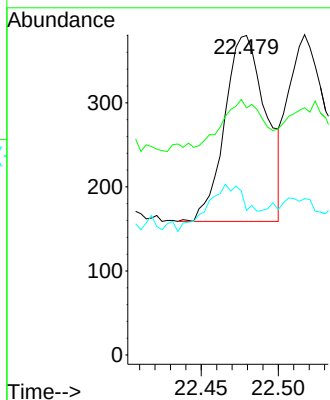
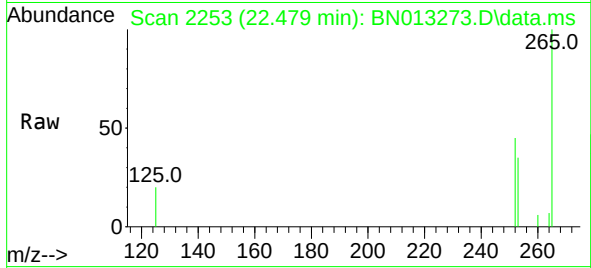




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.479 min Scan# 2253
Delta R.T. 0.007 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

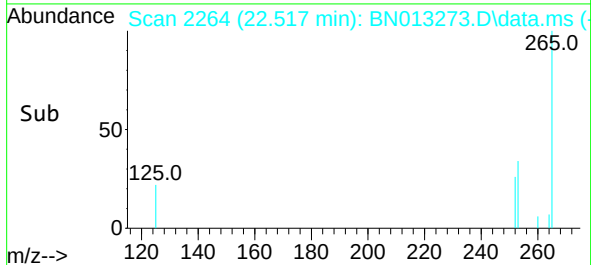
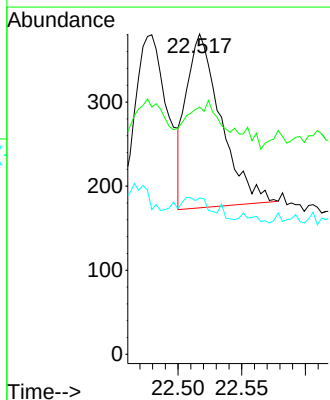
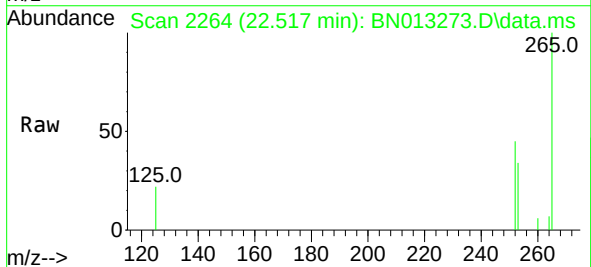
Instrument :
BNA_N
ClientSampleId :
EB-20201214

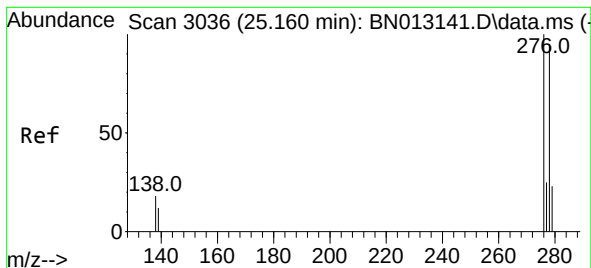
Tgt Ion:252 Resp: 413
Ion Ratio Lower Upper
252 100
253 77.4 20.1 30.1#
125 45.3 7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.517 min Scan# 2264
Delta R.T. 0.003 min
Lab File: BN013273.D
Acq: 22 Dec 2020 15:12

Tgt Ion:252 Resp: 391
Ion Ratio Lower Upper
252 100
253 77.2 19.8 29.8#
125 48.8 7.1 10.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.149 min Scan# 3033

Delta R.T. 0.017 min

Lab File: BN013273.D

Acq: 22 Dec 2020 15:12

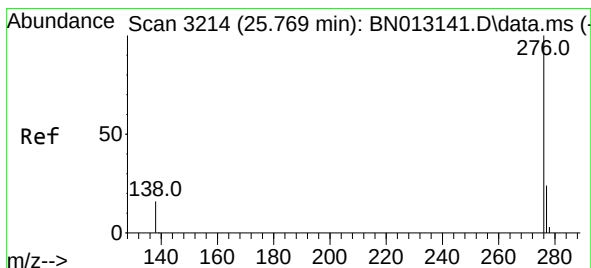
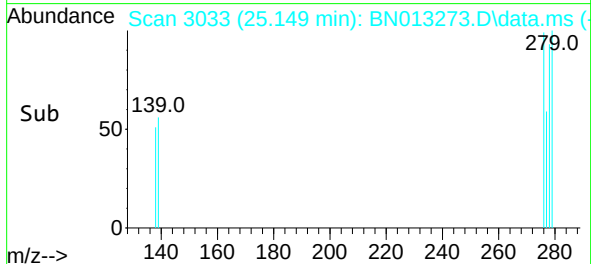
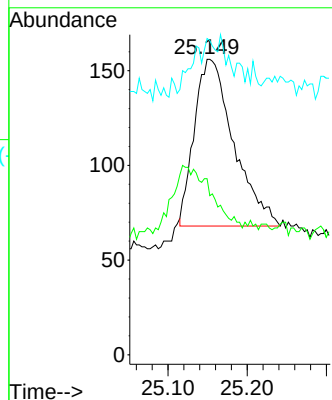
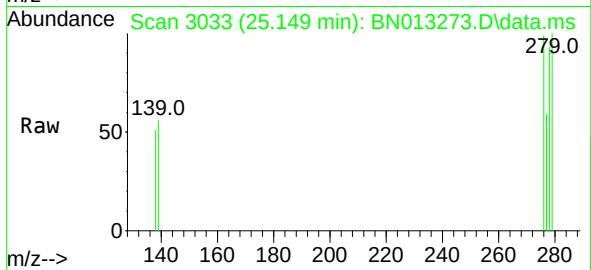
Tgt Ion:278 Resp: 305

Ion Ratio Lower Upper

278 100

139 59.6 9.3 13.9#

279 107.1 21.6 32.4#



#41

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 25.762 min Scan# 3212

Delta R.T. 0.020 min

Lab File: BN013273.D

Acq: 22 Dec 2020 15:12

Tgt Ion:276 Resp: 576

Ion Ratio Lower Upper

276 100

277 49.3 19.8 29.8#

138 42.9 11.7 17.5#

