

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013268.D
 Acq On : 22 Dec 2020 12:11
 Operator : CG/JU
 Sample : L5124-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20201214

Quant Time: Dec 22 13:13:58 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)

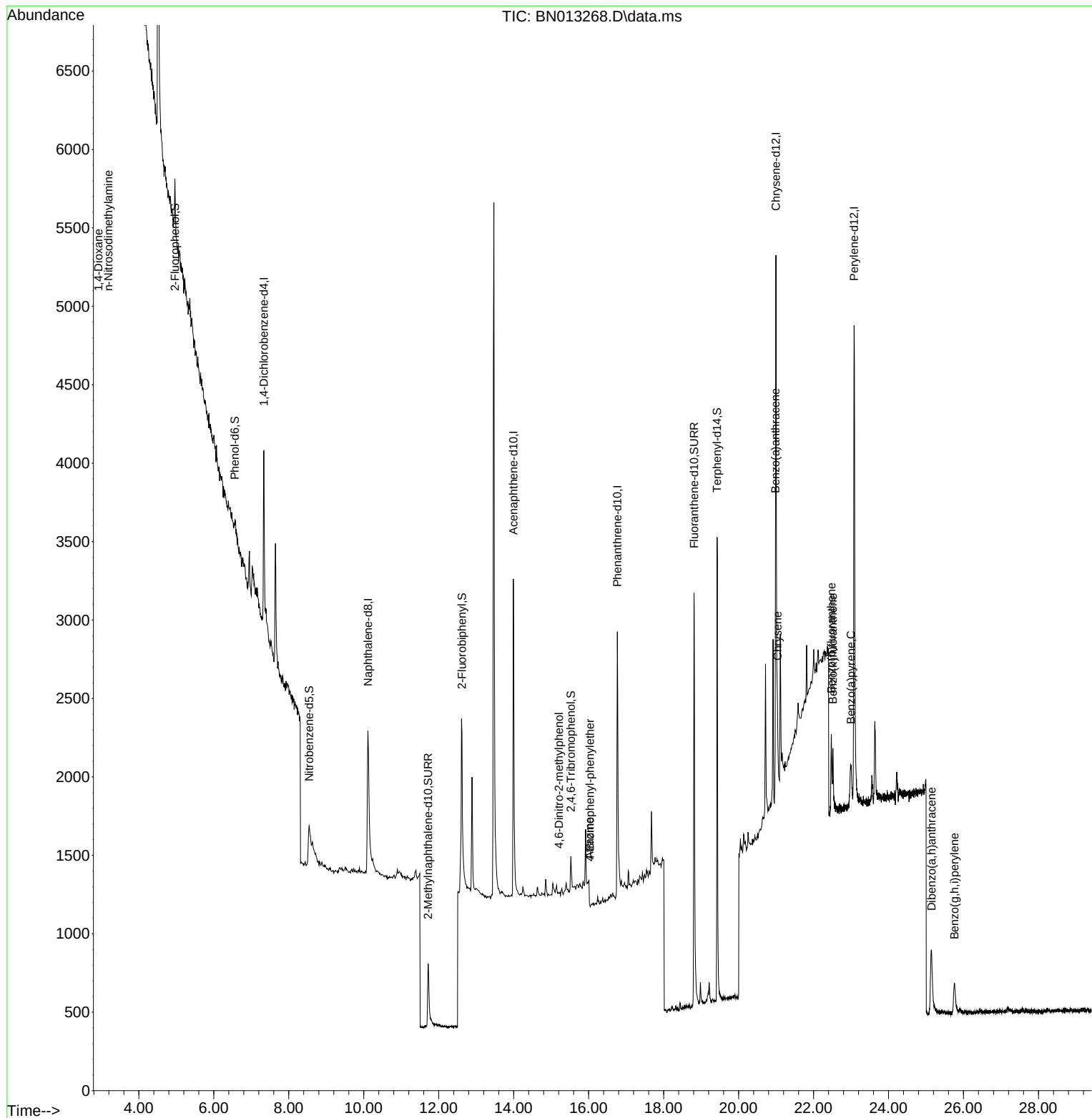
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	747	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2393	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1427	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3366	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3776	0.40	ng	# 0.00
36) Perylene-d12	23.082	264	4325	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	313	0.10	ng	0.00
5) Phenol-d6	6.556	99	153	0.05	ng	0.02
8) Nitrobenzene-d5	8.540	82	601	0.24	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	1009	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	231	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.620	172	1547	0.26	ng	0.01
27) Fluoranthene-d10	18.811	212	4049	0.37	ng	0.00
31) Terphenyl-d14	19.426	244	3557	0.37	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.924	88	1529	1.17	ng	# 91
3) n-Nitrosodimethylamine	3.190	42	303	0.14	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.209	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.033	248	135	0.21	ng	# 70
23) Atrazine	16.021	200	140	0.07	ng	# 1
32) Benzo(a)anthracene	20.984	228	399	0.03	ng	# 68
33) Chrysene	21.037	228	449	0.03	ng	# 73
34) Bis(2-ethylhexyl)phtha...	20.920	149	900	Below	Cal	98
37) Benzo(b)fluoranthene	22.476	252	505	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	471	0.03	ng	# 1
39) Benzo(a)pyrene	22.999	252	456	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.149	278	342	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.758	276	510	0.03	ng	# 33

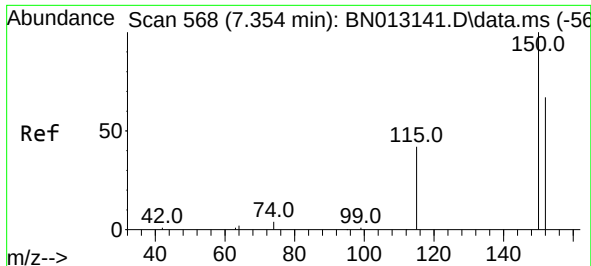
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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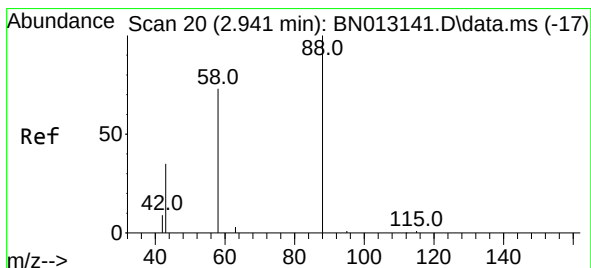
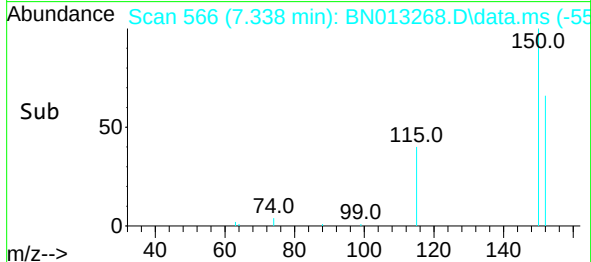
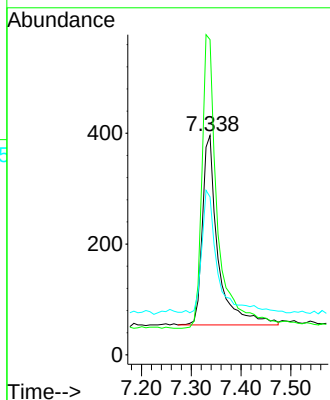
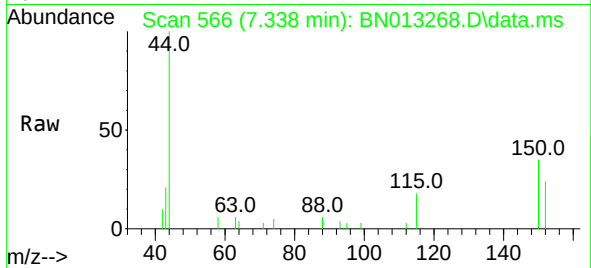




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

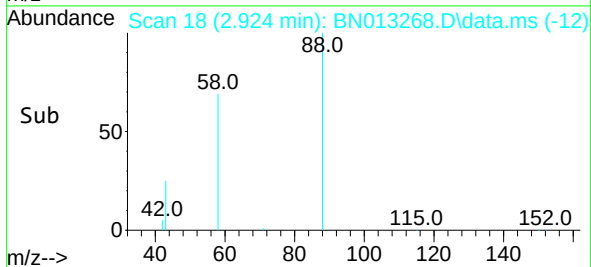
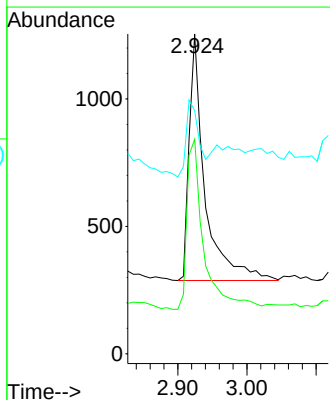
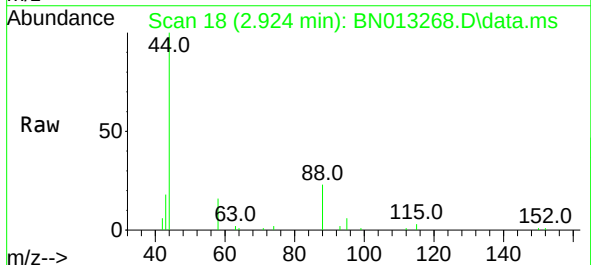
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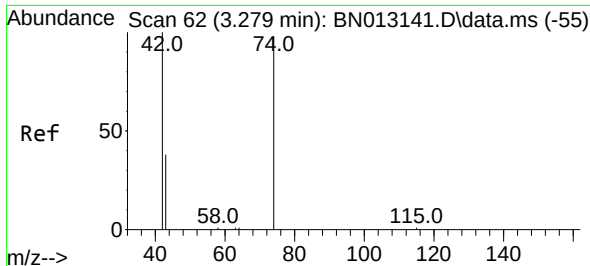
Tgt Ion:152 Resp: 747
Ion Ratio Lower Upper
152 100
150 143.7 116.6 174.8
115 72.0 52.9 79.3



#2
1,4-Dioxane
Concen: 1.17 ng
RT: 2.924 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion: 88 Resp: 1529
Ion Ratio Lower Upper
88 100
58 73.4 59.4 89.2
43 25.1 32.3 48.5

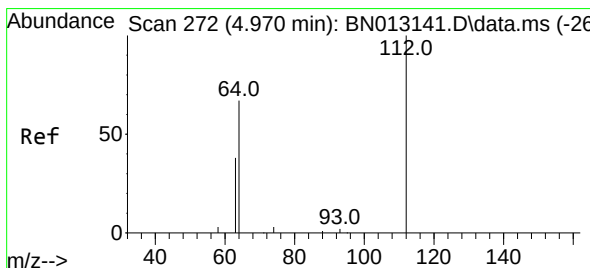
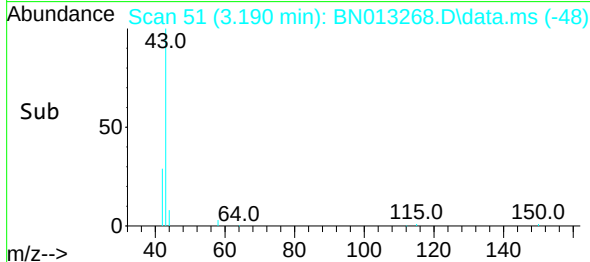
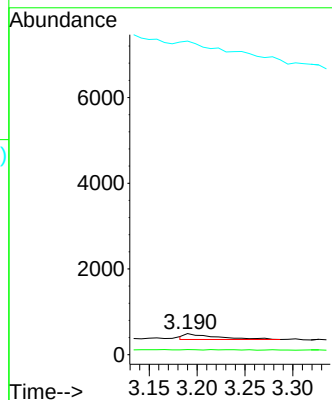
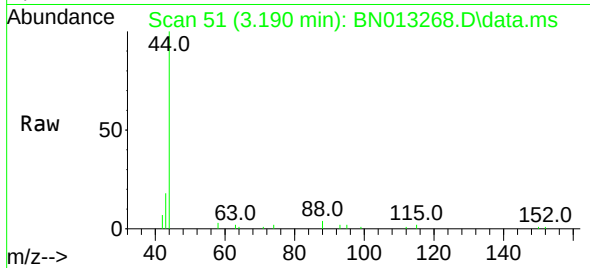




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.073 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

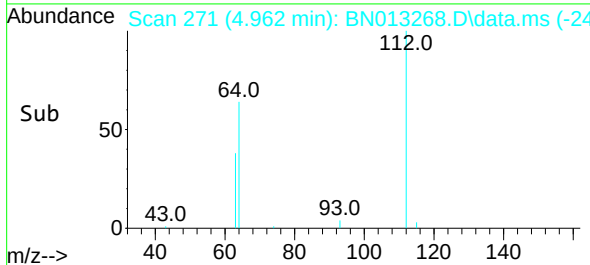
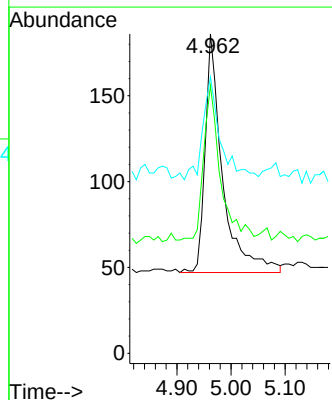
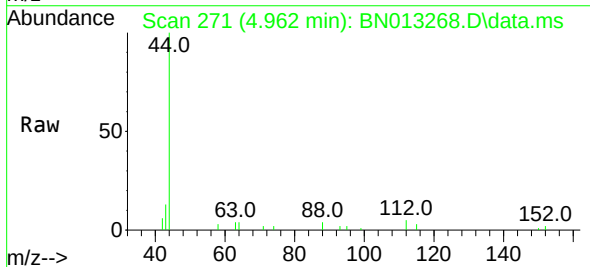
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ClientSampleId :
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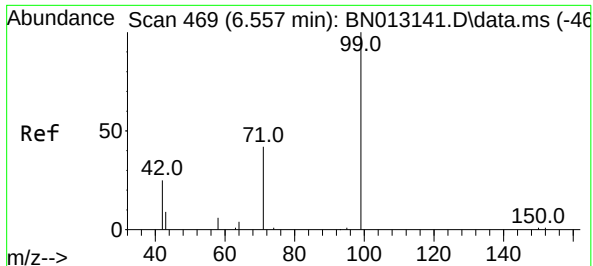
Tgt Ion: 42 Resp: 303
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion: 112 Resp: 313
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 45.7 32.0 48.0

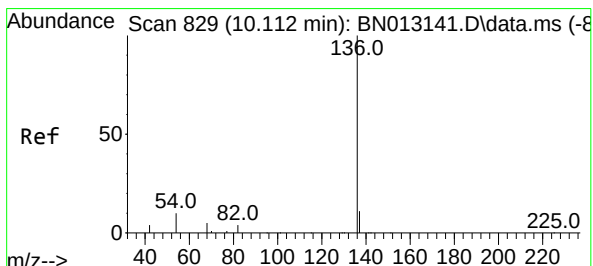
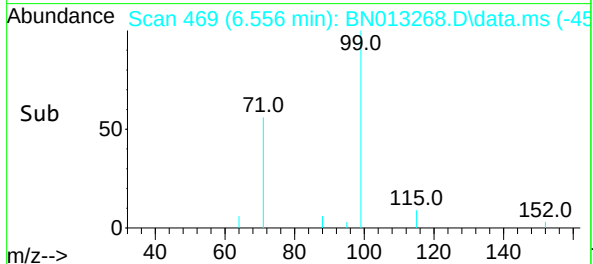
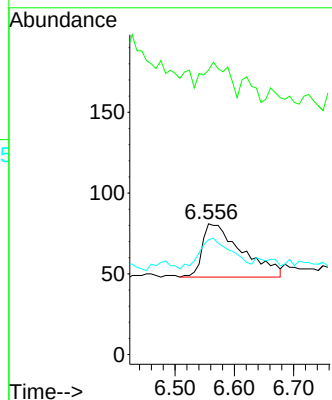
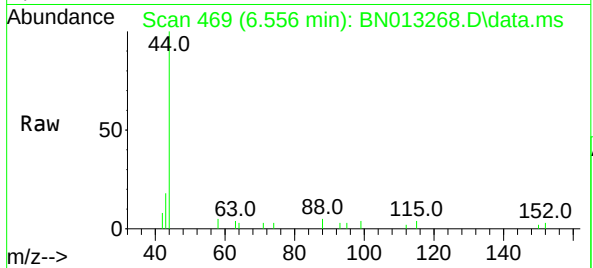




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.556 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

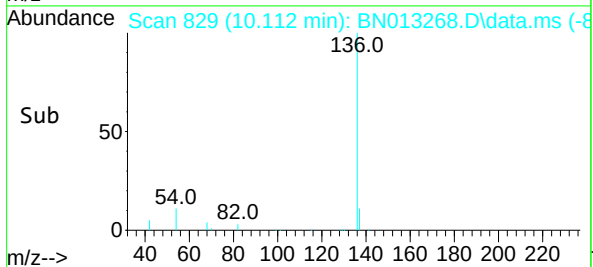
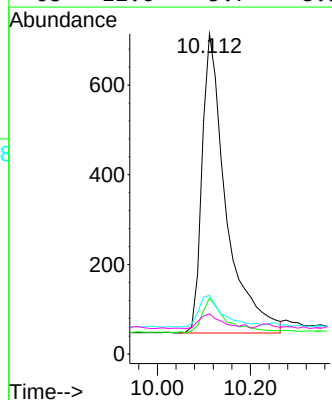
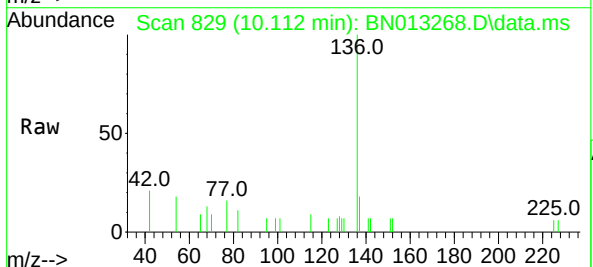
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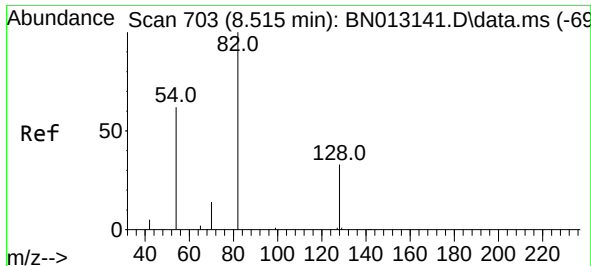
Tgt Ion: 99 Resp: 153
Ion Ratio Lower Upper
99 100
42 41.2 22.4 33.6#
71 47.1 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.012 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion: 136 Resp: 2393
Ion Ratio Lower Upper
136 100
137 17.5 10.6 15.8#
54 18.3 8.6 12.8#
68 12.6 5.7 8.5#

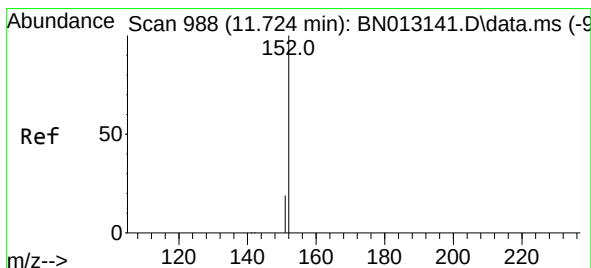
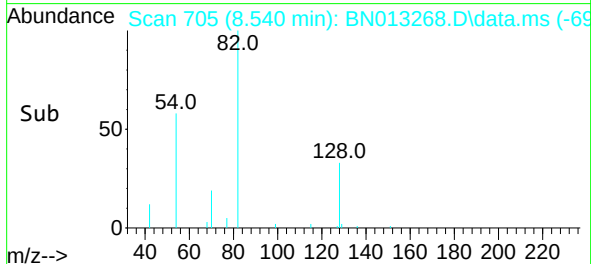
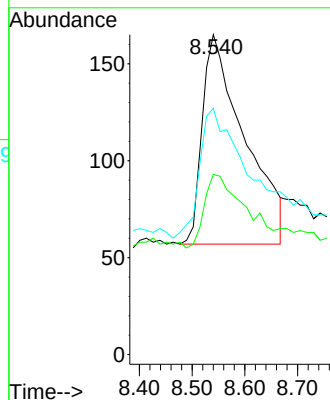
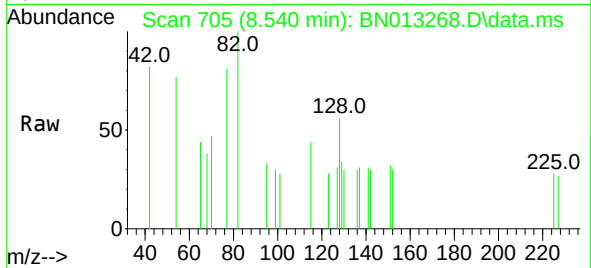




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

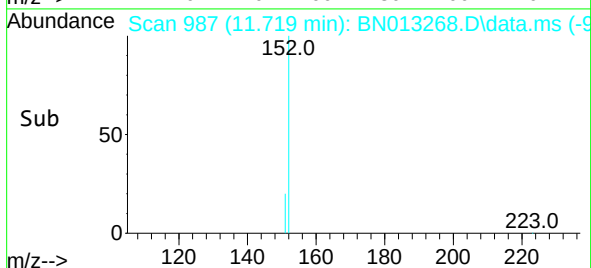
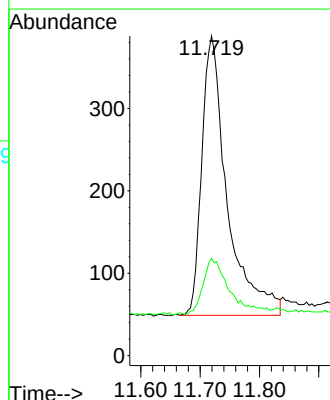
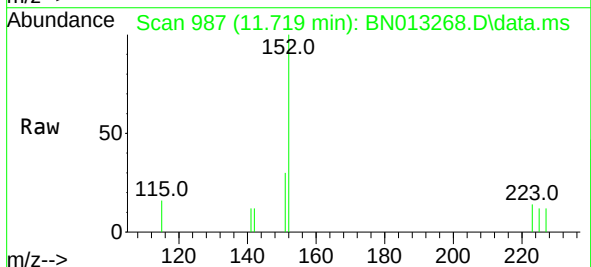
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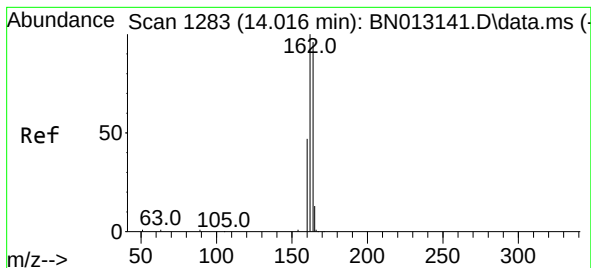
Tgt Ion: 82 Resp: 601
Ion Ratio Lower Upper
82 100
128 56.4 30.6 46.0#
54 77.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion: 152 Resp: 1009
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

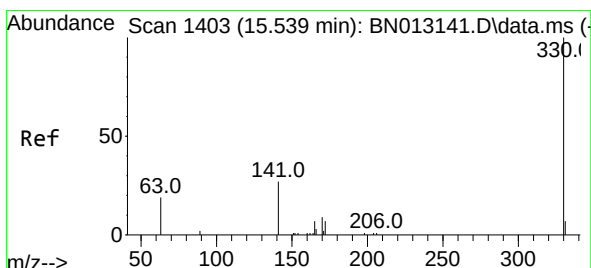
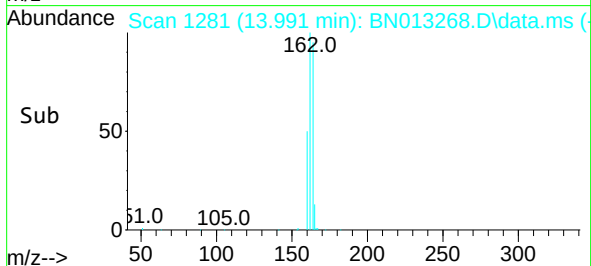
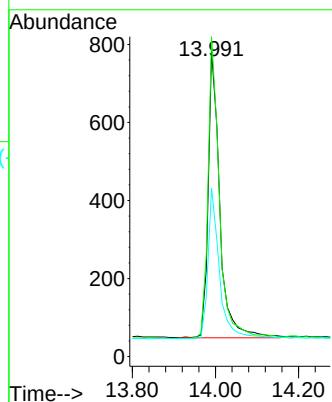
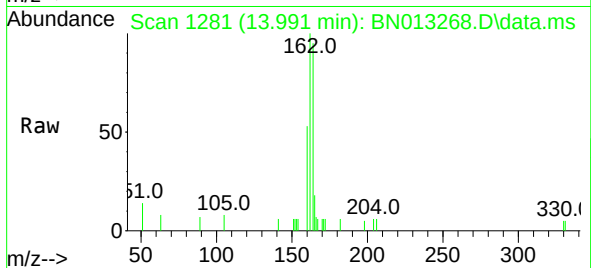




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

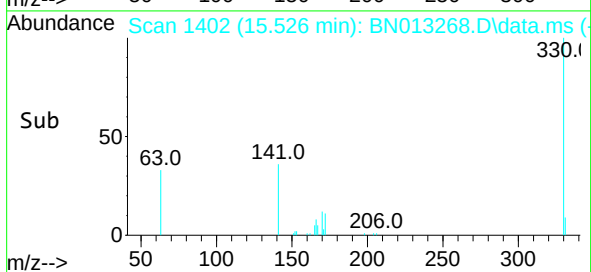
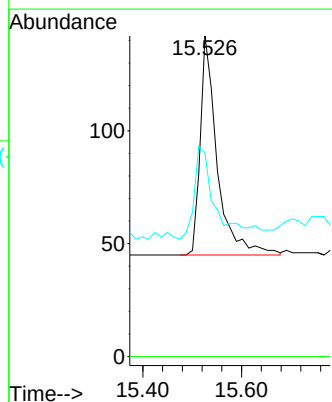
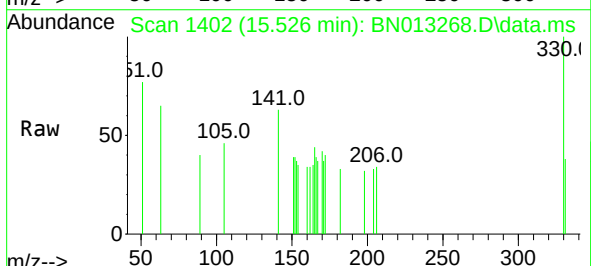
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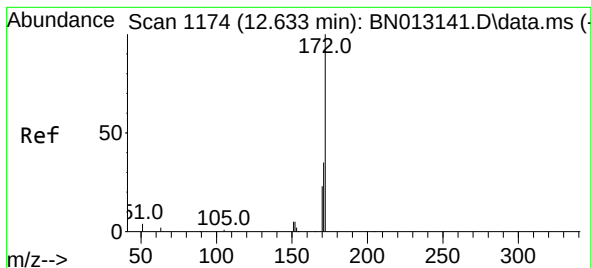
Tgt Ion:	164	Resp:	1427
Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	120.8
160	55.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion:	330	Resp:	231
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	55.4	34.4	51.6#

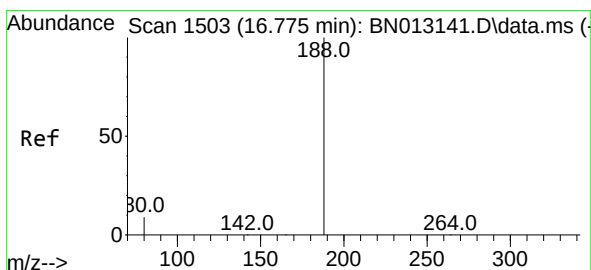
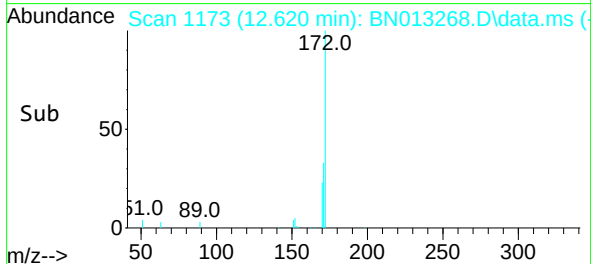
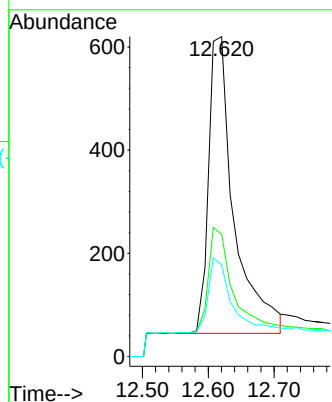
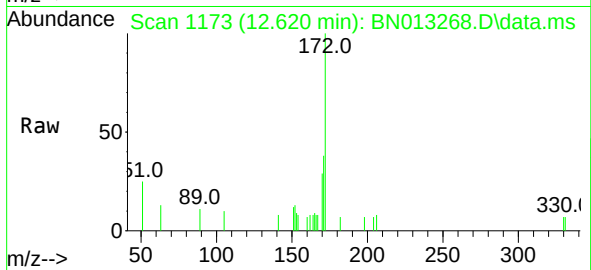




#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.620 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

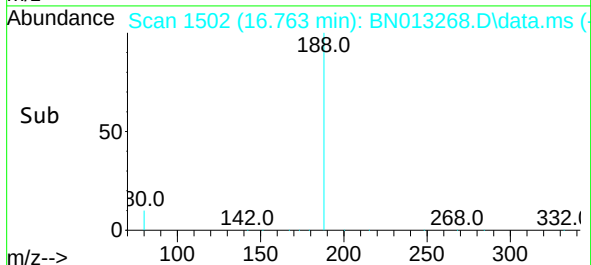
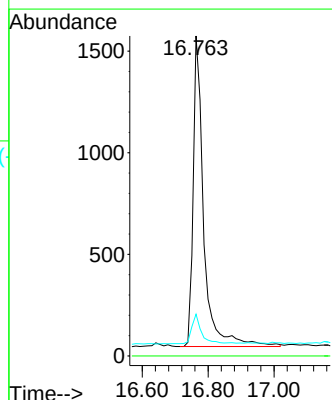
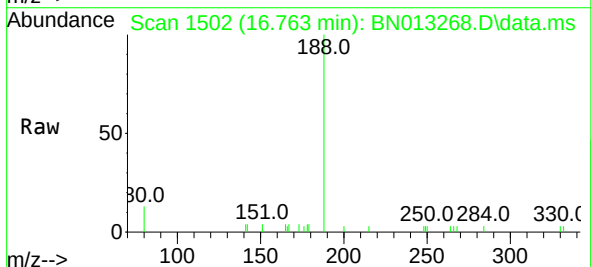
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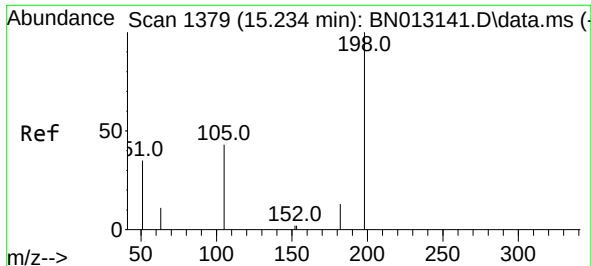
Tgt Ion:	172	Resp:	1547
Ion Ratio	Lower	Upper	
172	100		
171	38.2	28.2	42.4
170	28.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion:	188	Resp:	3366
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.1	5.0	7.4#

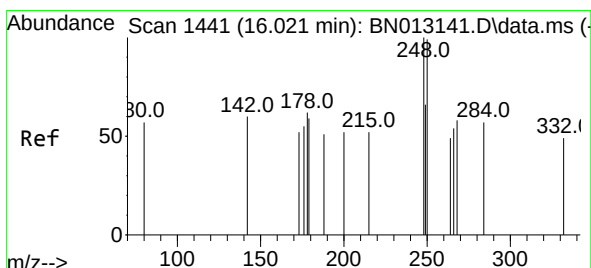
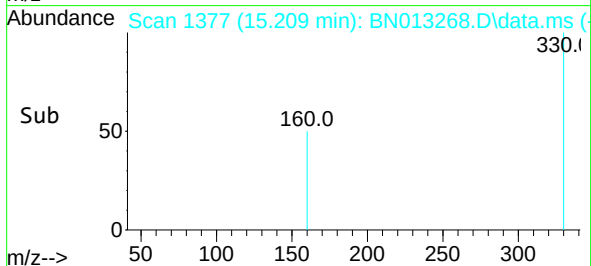
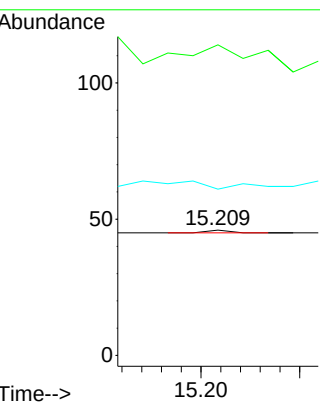
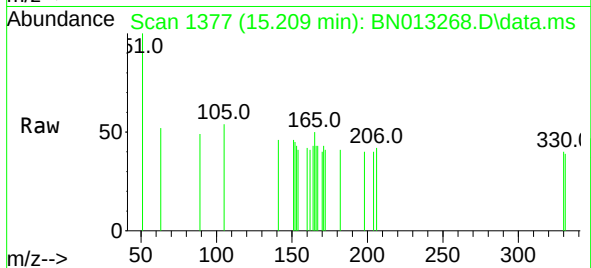




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.013 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

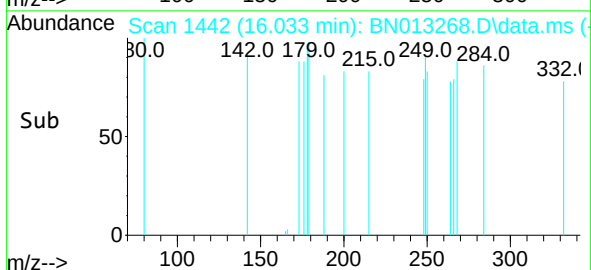
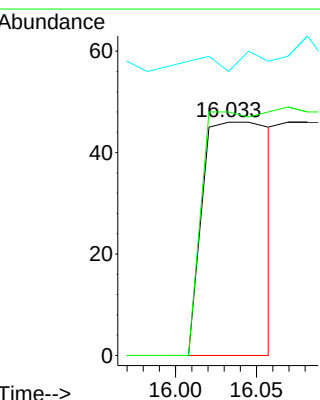
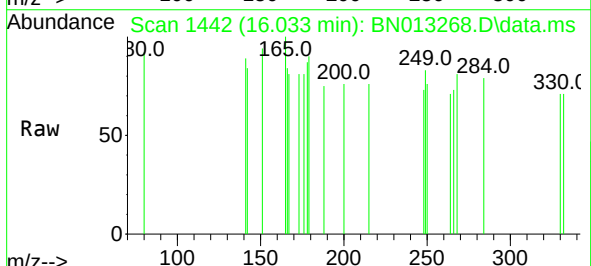
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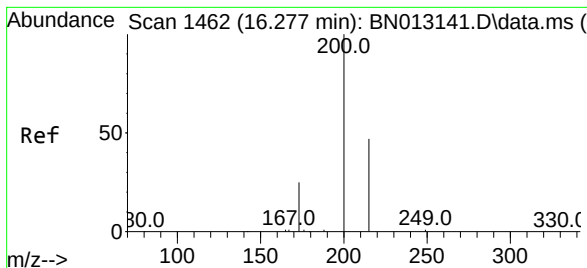
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 247.8 43.5 65.3#
105 132.6 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 121.7 57.8 86.8#





#23

Atrazine

Concen: 0.07 ng

RT: 16.021 min Scan# 1441

Delta R.T. -0.244 min

Lab File: BN013268.D

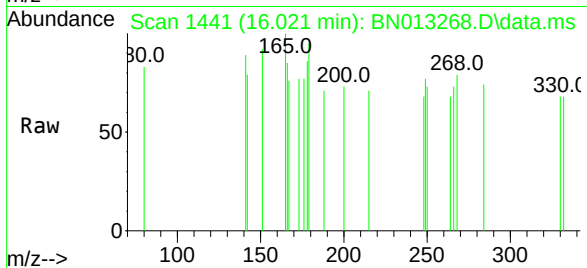
Acq: 22 Dec 2020 12:11

Instrument :

BNA_N

ClientSampleId :

RE139D1-20201214



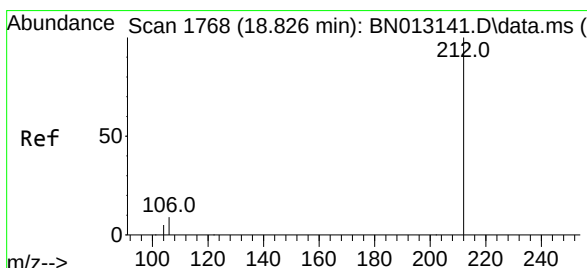
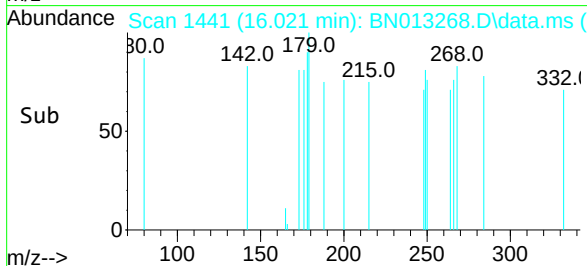
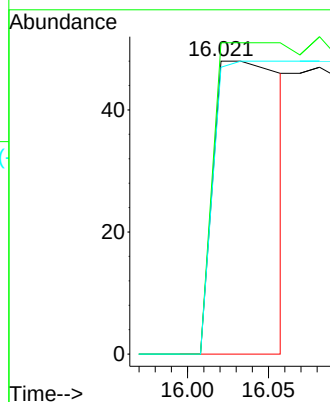
Tgt Ion:200 Resp: 140

Ion Ratio Lower Upper

200 100

173 106.3 22.8 34.2#

215 97.9 38.1 57.1#



#27

Fluoranthene-d10

Concen: 0.37 ng

RT: 18.811 min Scan# 1765

Delta R.T. -0.005 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

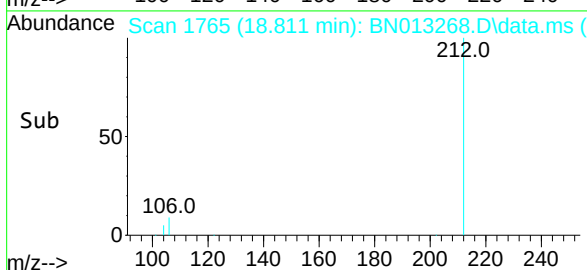
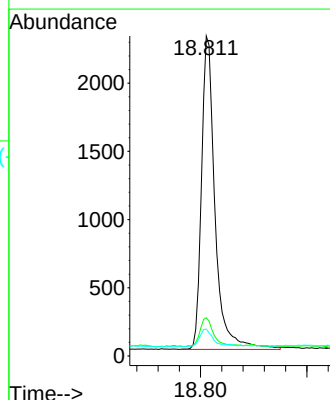
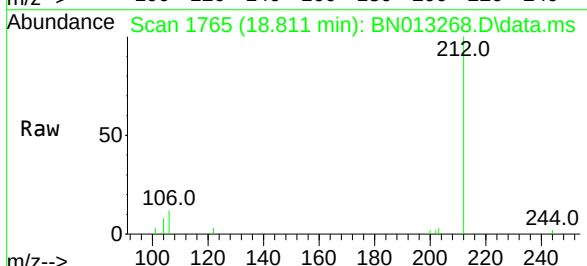
Tgt Ion:212 Resp: 4049

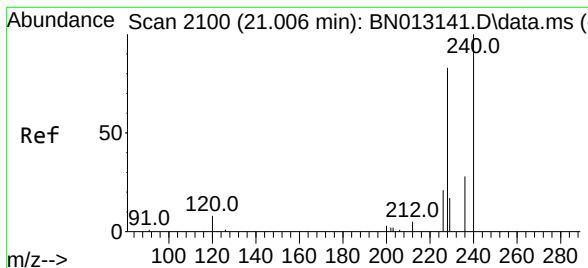
Ion Ratio Lower Upper

212 100

106 9.3 6.8 10.2

104 5.2 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: BN013268.D

Acq: 22 Dec 2020 12:11

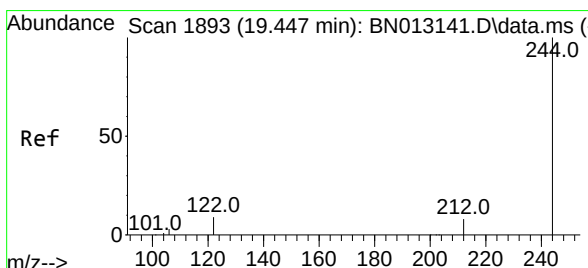
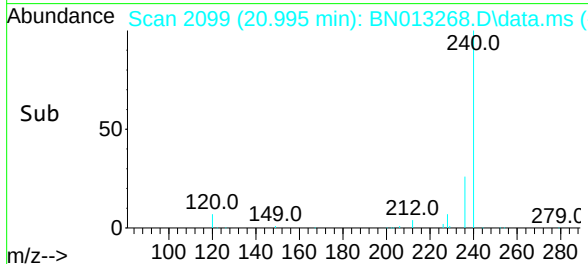
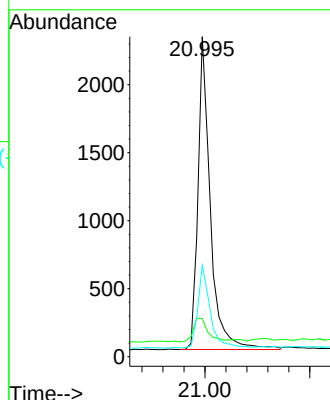
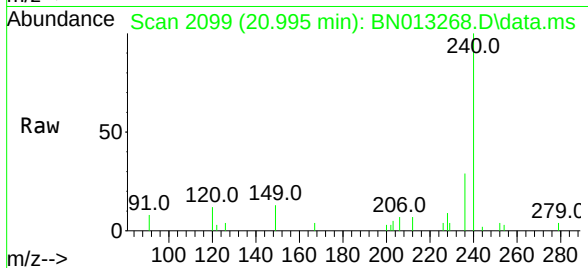
Tgt Ion:240 Resp: 3776

Ion Ratio Lower Upper

240 100

120 11.9 5.3 7.9#

236 28.6 21.8 32.8



#31

Terphenyl-d14

Concen: 0.37 ng

RT: 19.426 min Scan# 1889

Delta R.T. -0.005 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

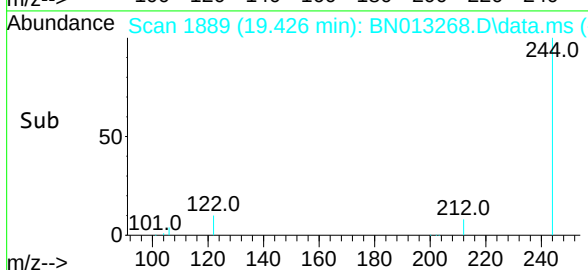
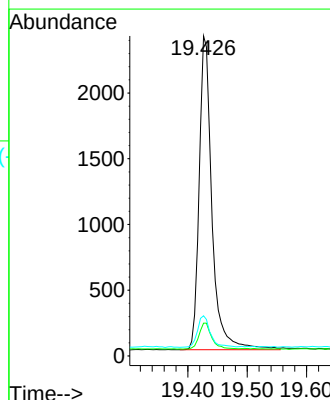
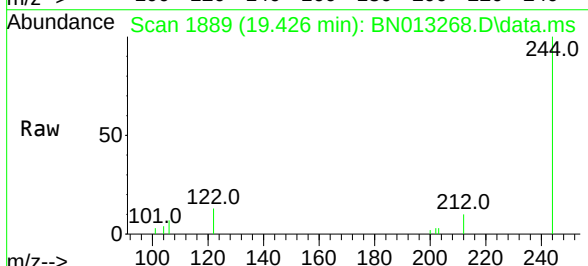
Tgt Ion:244 Resp: 3557

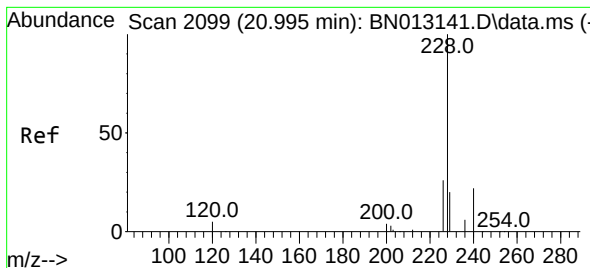
Ion Ratio Lower Upper

244 100

212 10.2 7.3 10.9

122 12.6 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: BN013268.D

Acq: 22 Dec 2020 12:11

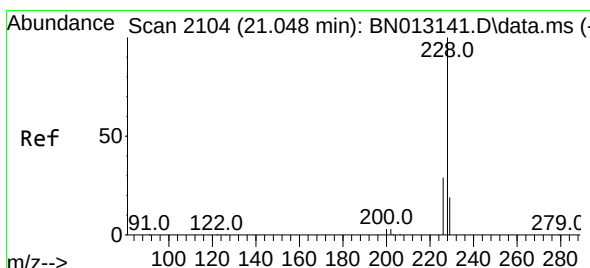
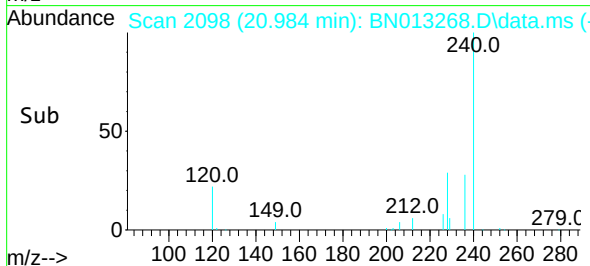
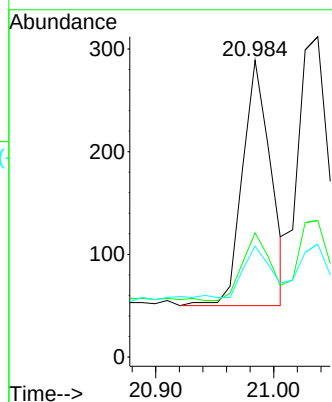
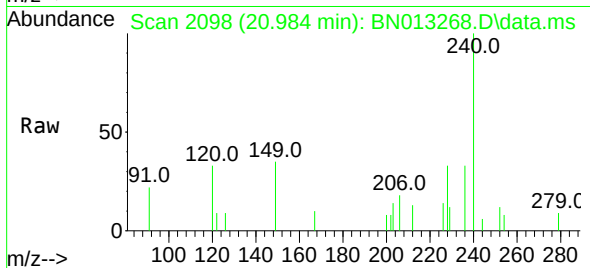
Instrument :

BNA_N

ClientSampleId :

RE139D1-20201214

Tgt Ion:228	Resp:	399
Ion Ratio	Lower	Upper
228	100	
226	41.9	22.3 33.5#
229	37.4	15.7 23.5#



#33

Chrysene

Concen: 0.03 ng

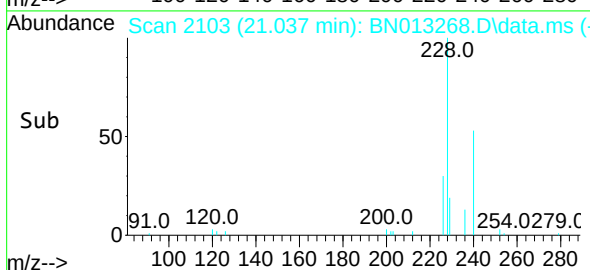
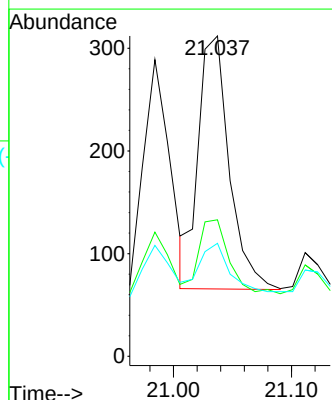
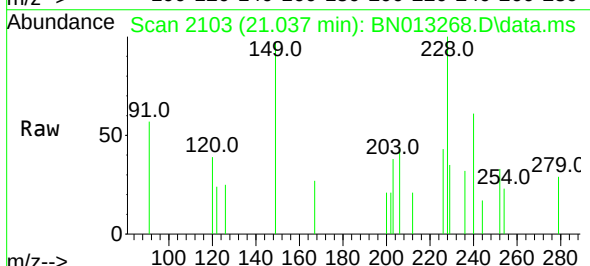
RT: 21.037 min Scan# 2103

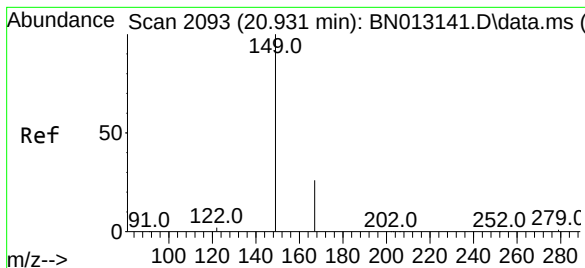
Delta R.T. -0.000 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

Tgt Ion:228	Resp:	449
Ion Ratio	Lower	Upper
228	100	
226	42.6	24.2 36.2#
229	35.3	15.7 23.5#

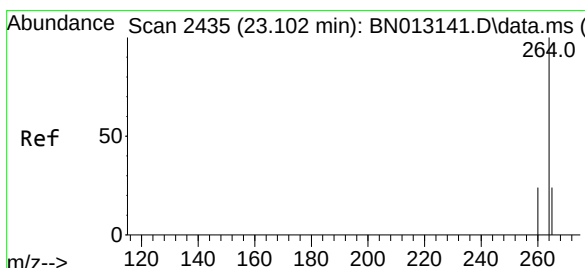
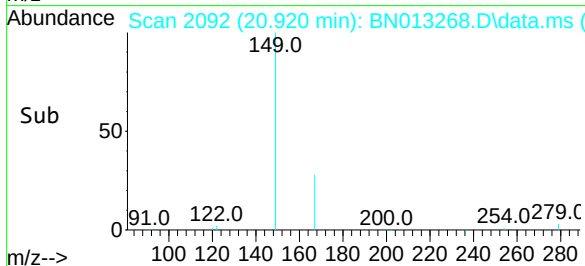
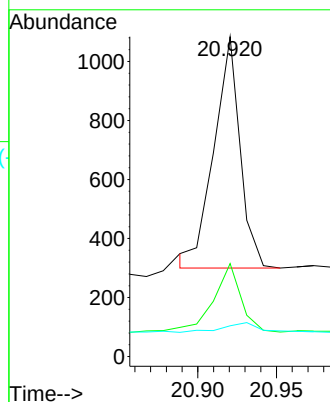
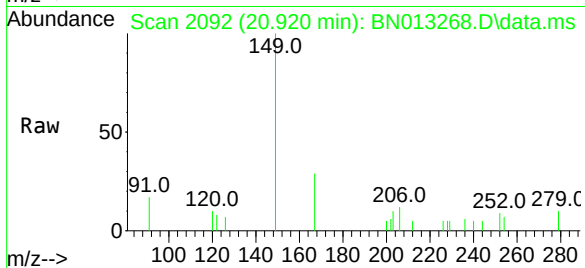




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.920 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

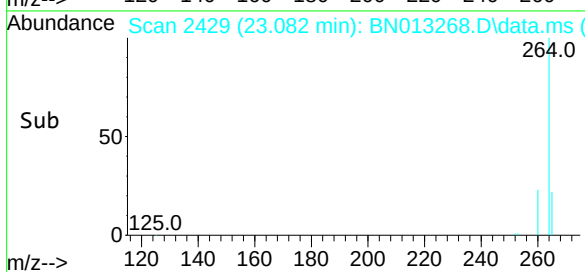
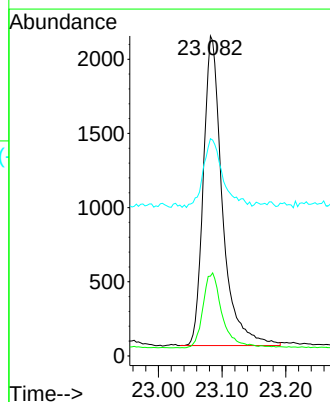
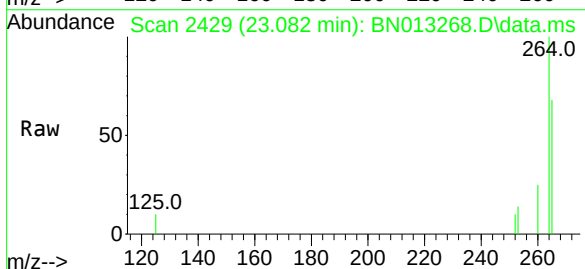
Instrument :
BNA_N
ClientSampleId :
RE139D1-20201214

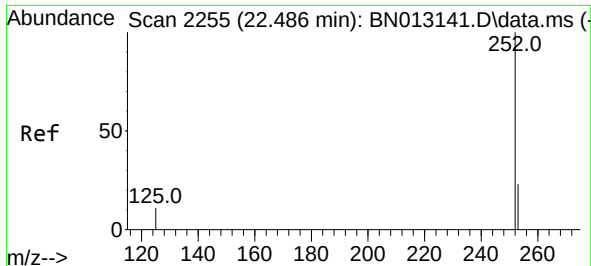
Tgt Ion:149 Resp: 900
Ion Ratio Lower Upper
149 100
167 30.1 23.2 34.8
279 5.7 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.082 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Tgt Ion:264 Resp: 4325
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 67.9 51.4 77.0





#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.476 min Scan# 2252

Delta R.T. 0.003 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

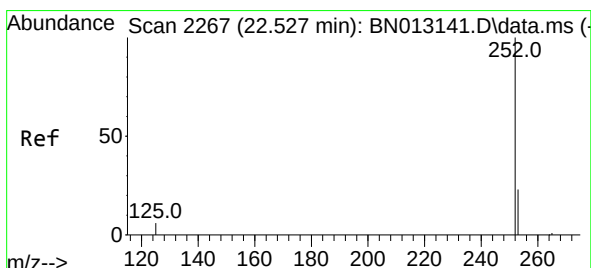
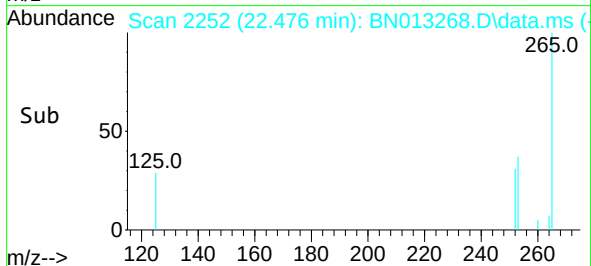
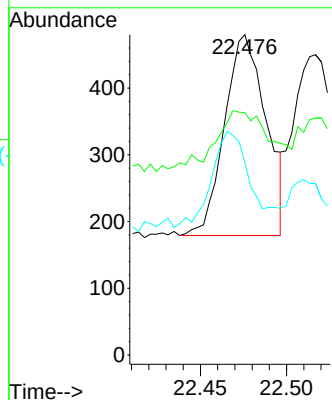
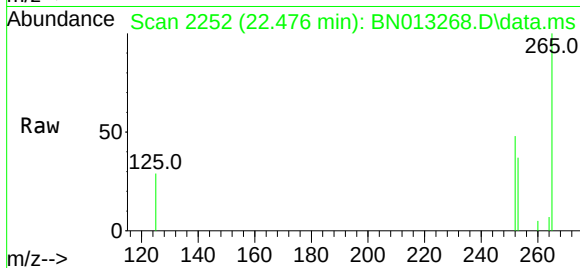
Tgt Ion:252 Resp: 505

Ion Ratio Lower Upper

252 100

253 75.6 20.1 30.1#

125 60.2 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: BN013268.D

Acq: 22 Dec 2020 12:11

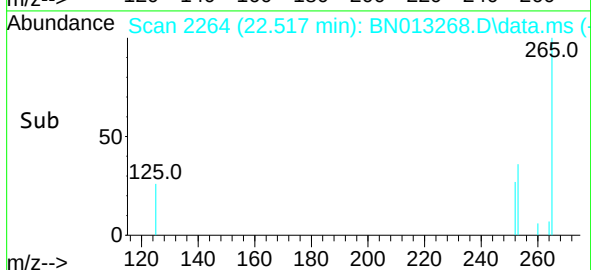
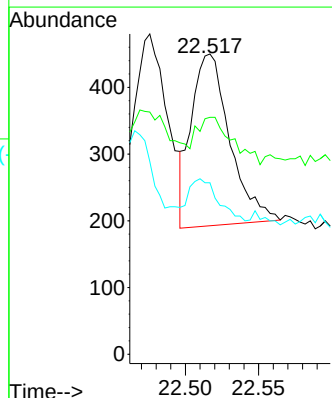
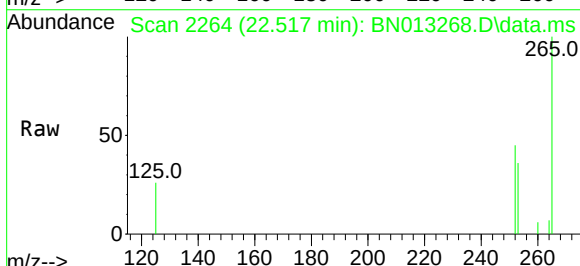
Tgt Ion:252 Resp: 471

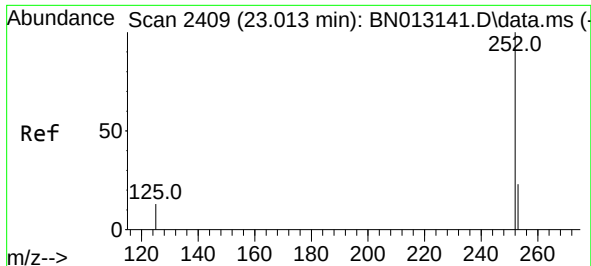
Ion Ratio Lower Upper

252 100

253 78.9 19.8 29.8#

125 57.1 7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 22.999 min Scan# 2405

Delta R.T. -0.000 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

Tgt Ion:252 Resp: 456

Ion Ratio Lower Upper

252 100

253 91.7 21.3 31.9#

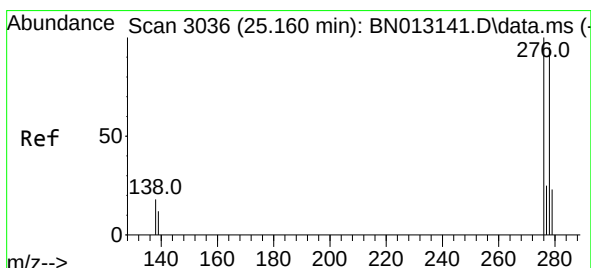
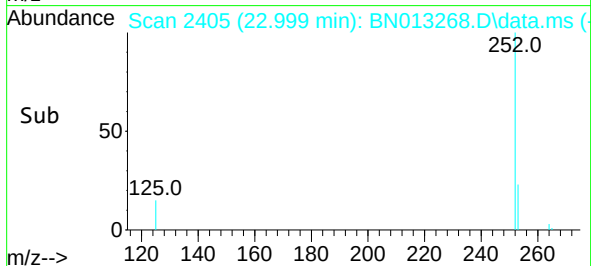
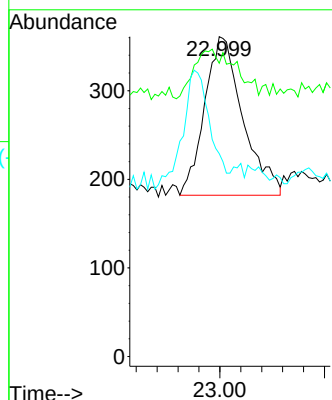
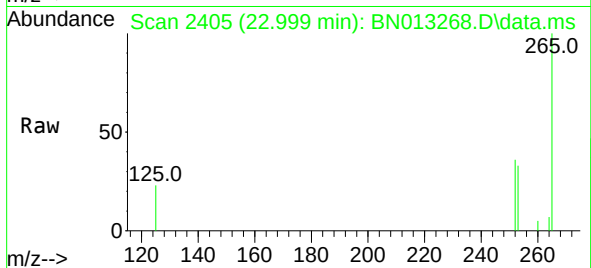
125 63.4 8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

RE139D1-20201214



#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.149 min Scan# 3033

Delta R.T. 0.017 min

Lab File: BN013268.D

Acq: 22 Dec 2020 12:11

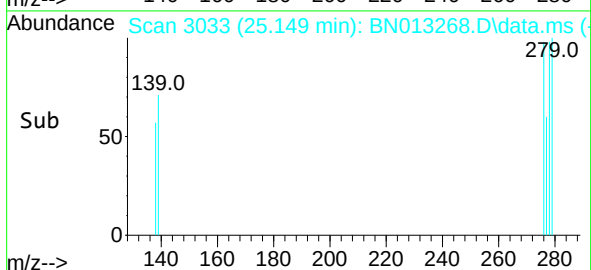
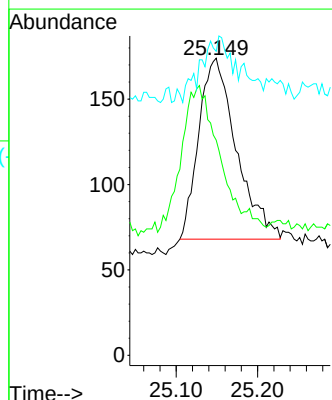
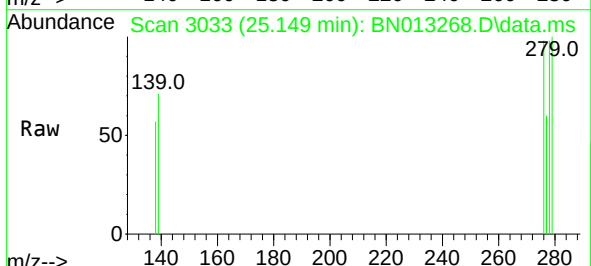
Tgt Ion:278 Resp: 342

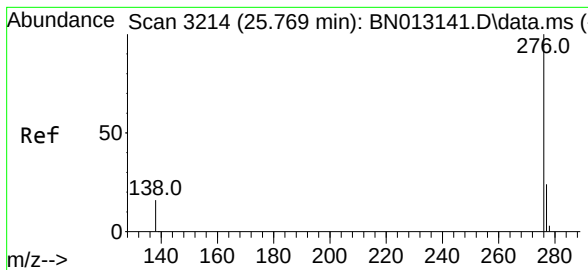
Ion Ratio Lower Upper

278 100

139 72.4 9.3 13.9#

279 102.3 21.6 32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.758 min Scan# 3211
Delta R.T. 0.017 min
Lab File: BN013268.D
Acq: 22 Dec 2020 12:11

Instrument :
BNA_N
ClientSampleId :
RE139D1-20201214

Tgt Ion:276 Resp: 510
Ion Ratio Lower Upper
276 100
277 55.0 19.8 29.8#
138 47.1 11.7 17.5#

