

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013270.D
 Acq On : 22 Dec 2020 13:23
 Operator : CG/JU
 Sample : L5124-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211

Quant Time: Dec 22 14:23:35 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)

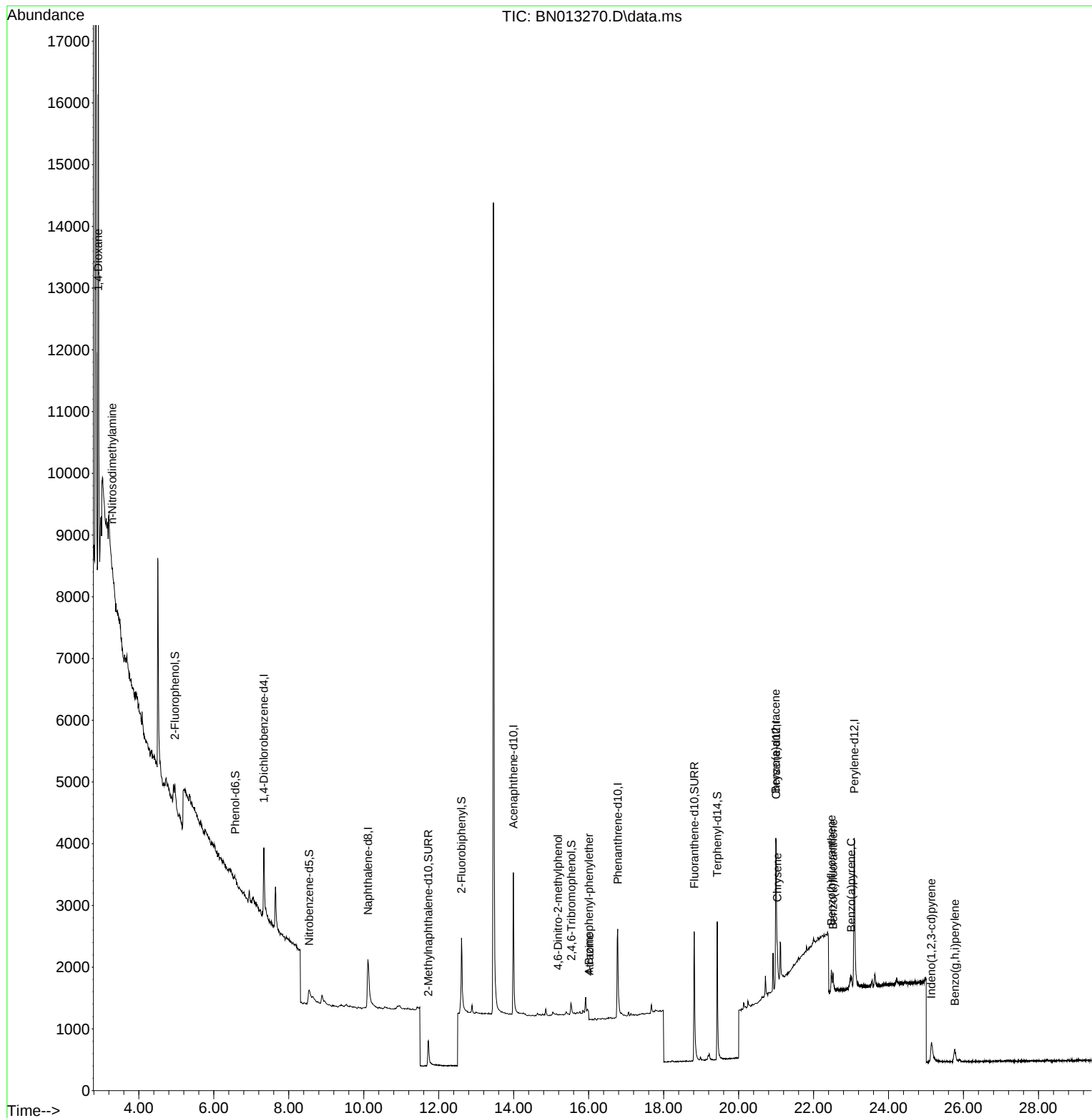
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	693	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2225	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1421	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3220	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3403	0.40	ng	# 0.00
36) Perylene-d12	23.086	264	3824	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	277	0.10	ng	0.00
5) Phenol-d6	6.573	99	163	0.06	ng	0.03
8) Nitrobenzene-d5	8.541	82	576	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.724	152	915	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.539	330	212	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1482	0.25	ng	0.00
27) Fluoranthene-d10	18.818	212	3482	0.33	ng	0.00
31) Terphenyl-d14	19.429	244	2989	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.917	88	8637	7.15	ng	# 95
3) n-Nitrosodimethylamine	3.295	42	95	0.05	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.184	198	4	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	101	0.16	ng	# 75
23) Atrazine	16.020	200	240	0.12	ng	# 1
32) Benzo(a)anthracene	20.992	228	320	0.03	ng	# 62
33) Chrysene	21.035	228	336	0.03	ng	# 68
34) Bis(2-ethylhexyl)phtha...	20.918	149	500	Below	Cal	96
35) Indeno(1,2,3-cd)pyrene	25.143	276	428	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.477	252	415	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.521	252	458	0.03	ng	# 1
39) Benzo(a)pyrene	23.004	252	339	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.770	276	541	0.03	ng	# 37

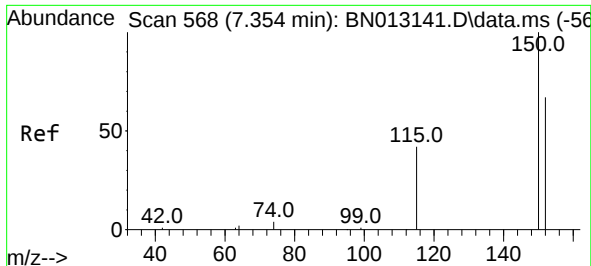
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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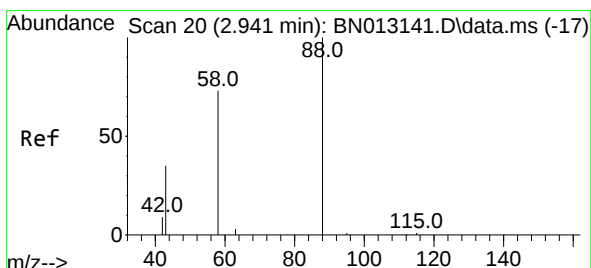
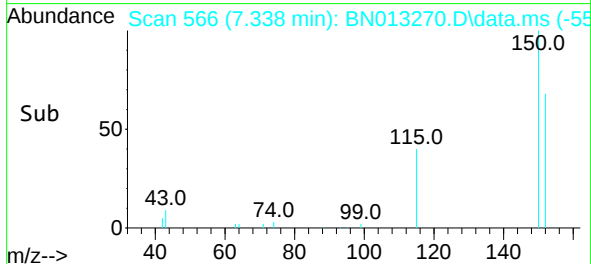
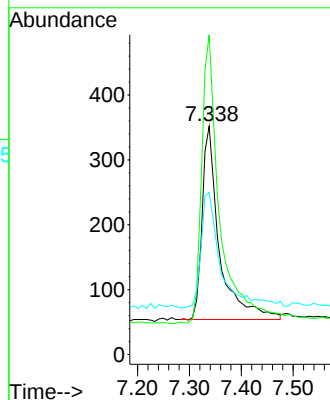
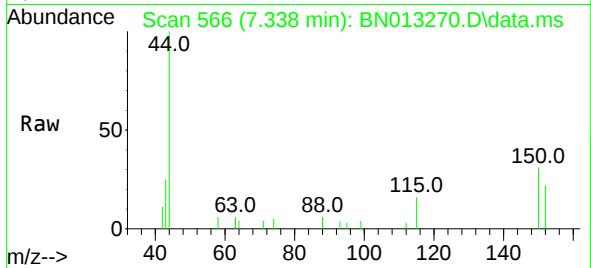




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. 0.008 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

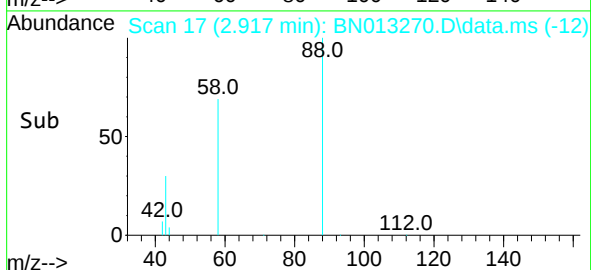
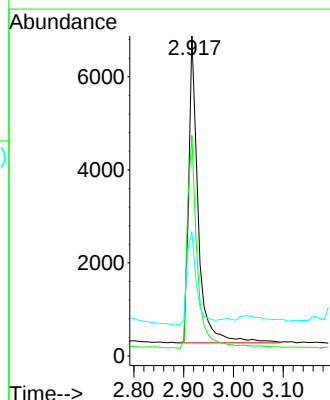
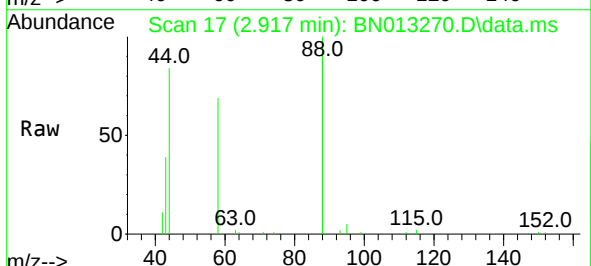
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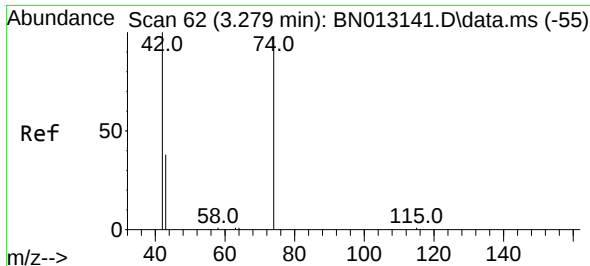
Tgt Ion:152 Resp: 693
 Ion Ratio Lower Upper
 152 100
 150 140.1 116.6 174.8
 115 71.0 52.9 79.3



#2
 1,4-Dioxane
 Concen: 7.15 ng
 RT: 2.917 min Scan# 17
 Delta R.T. -0.008 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Tgt Ion: 88 Resp: 8637
 Ion Ratio Lower Upper
 88 100
 58 74.2 59.4 89.2
 43 31.0 32.3 48.5#

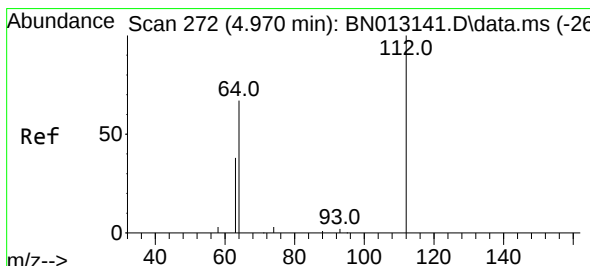
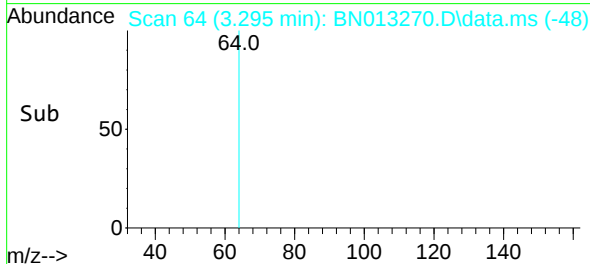
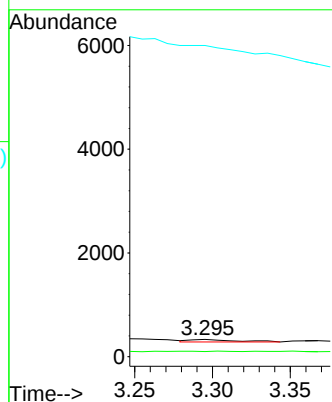
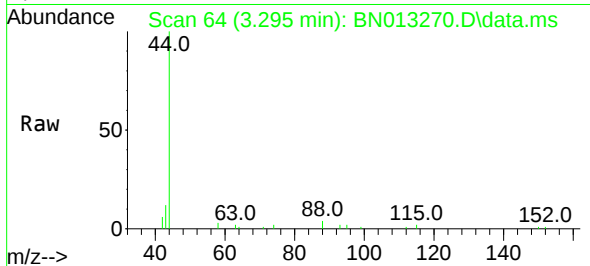




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.295 min Scan# 64
Delta R.T. 0.032 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

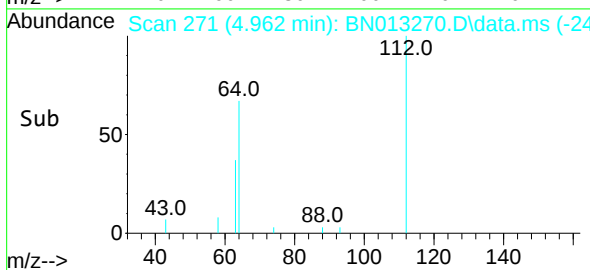
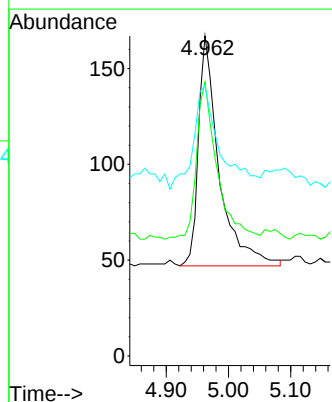
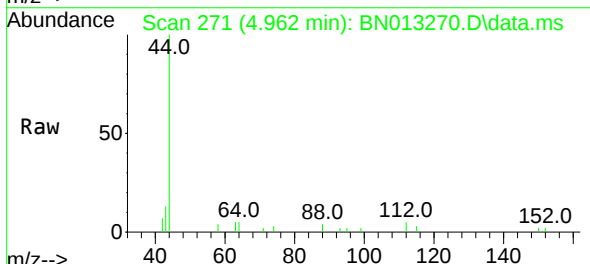
Instrument :
BNA_N
ClientSampleId :
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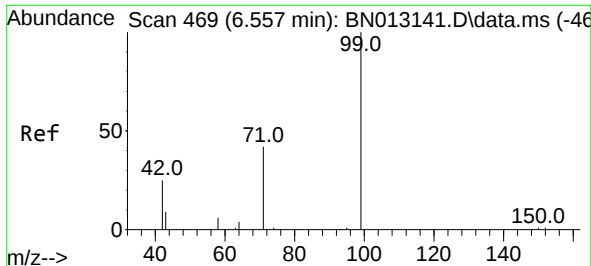
Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 11.6 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 112 Resp: 277
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 58.5 32.0 48.0#

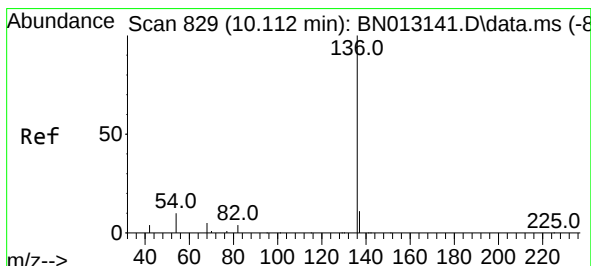
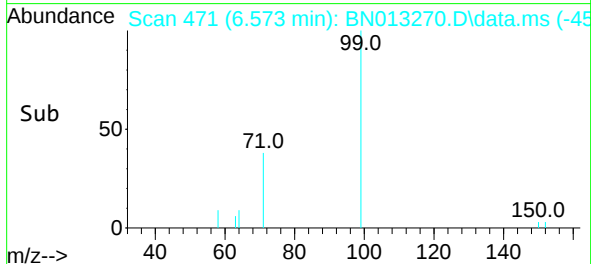
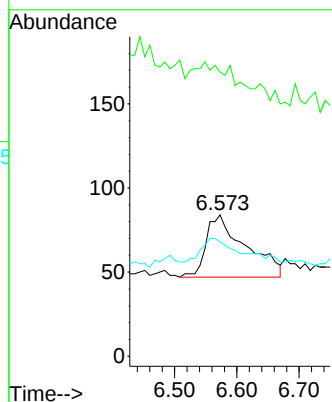
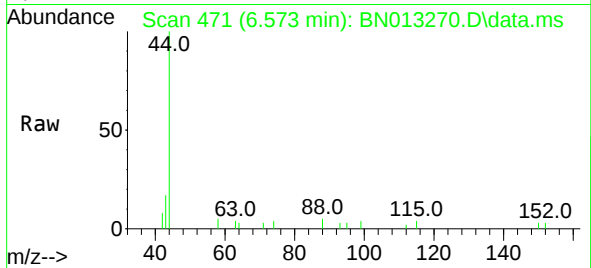




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.032 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

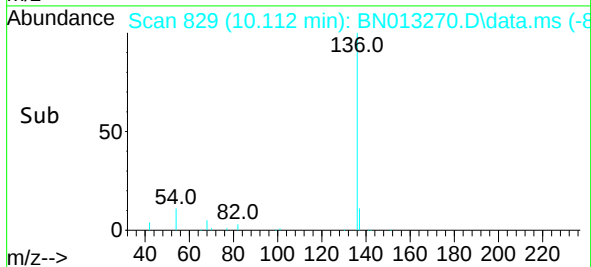
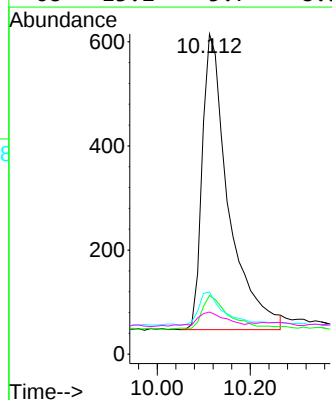
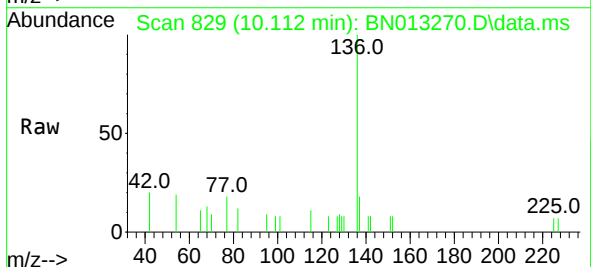
Instrument :
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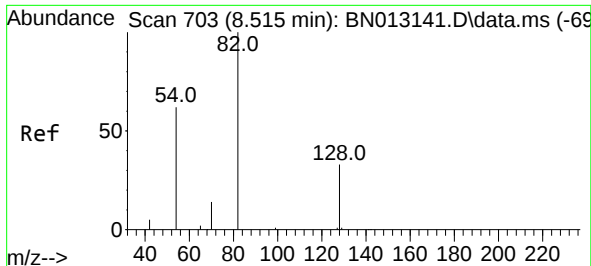
Tgt Ion: 99 Resp: 163
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 0.0 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 136 Resp: 2225
Ion Ratio Lower Upper
136 100
137 18.4 10.6 15.8#
54 19.3 8.6 12.8#
68 13.2 5.7 8.5#

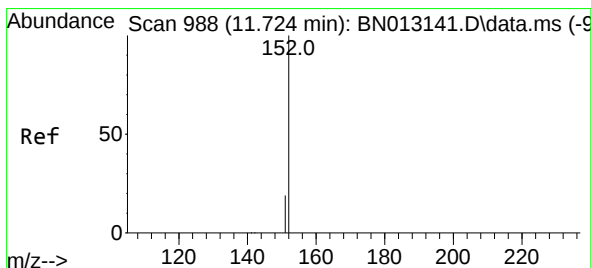
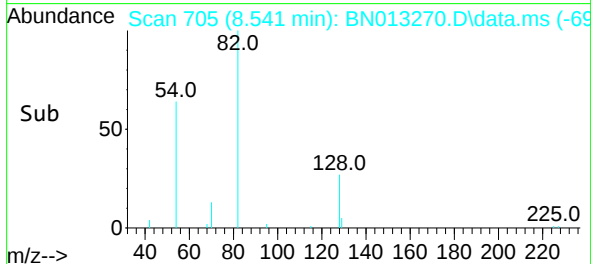
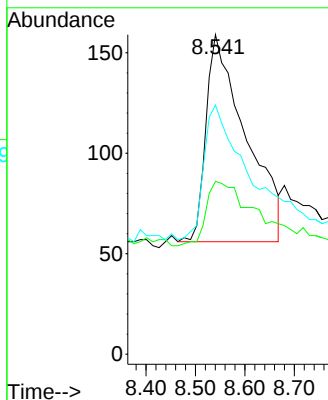
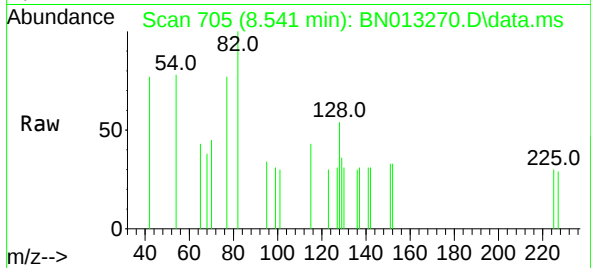




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

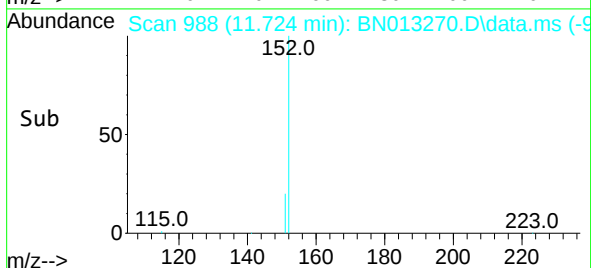
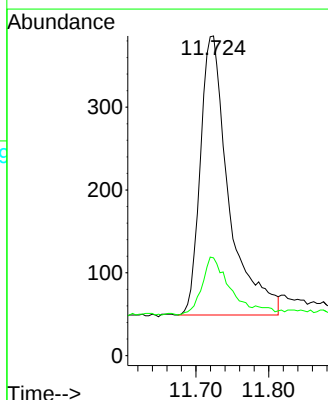
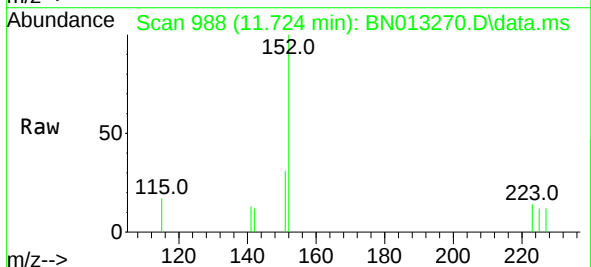
Instrument :
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ClientSampleId :
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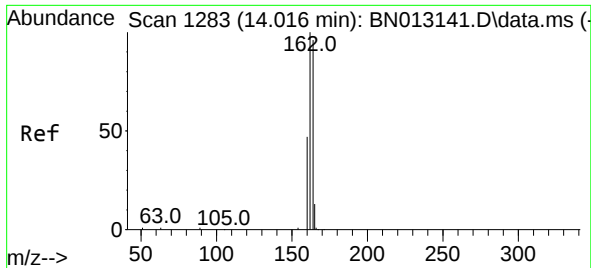
Tgt Ion: 82 Resp: 576
Ion Ratio Lower Upper
82 100
128 54.1 30.6 46.0#
54 78.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion: 152 Resp: 915
Ion Ratio Lower Upper
152 100
151 19.6 16.7 25.1



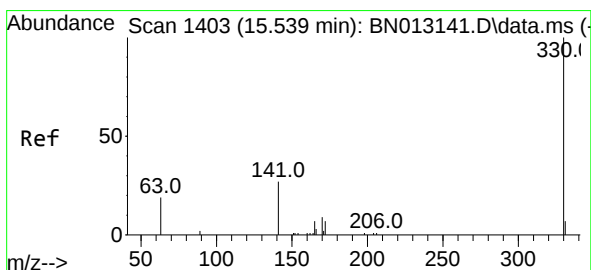
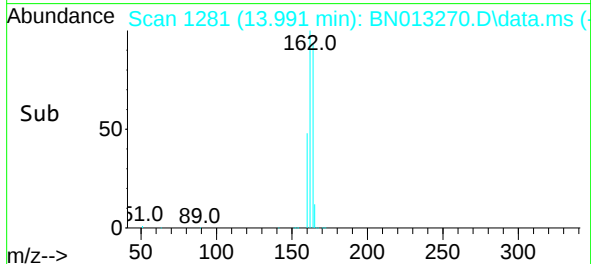
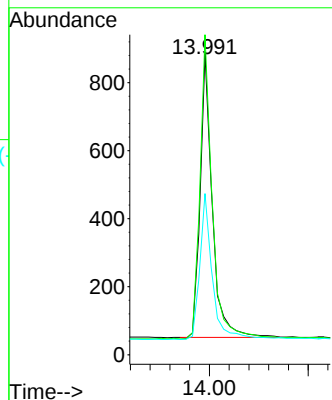
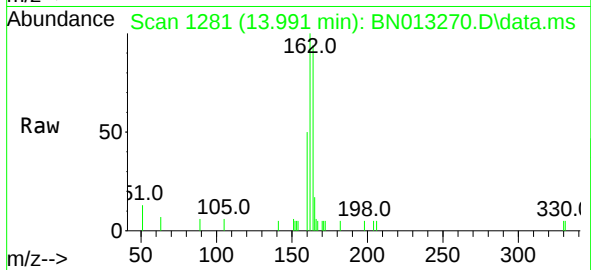


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:164 Resp: 1421

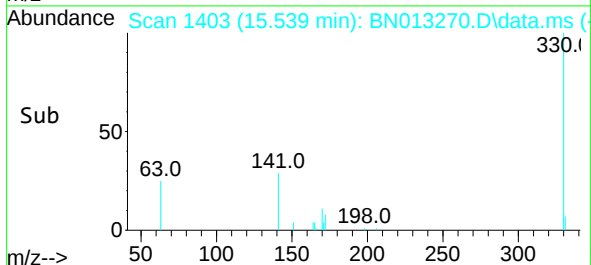
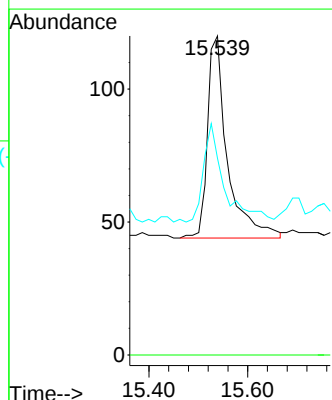
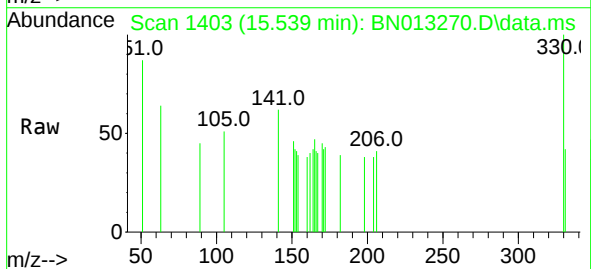
Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.6	120.8
160	53.6	39.5	59.3

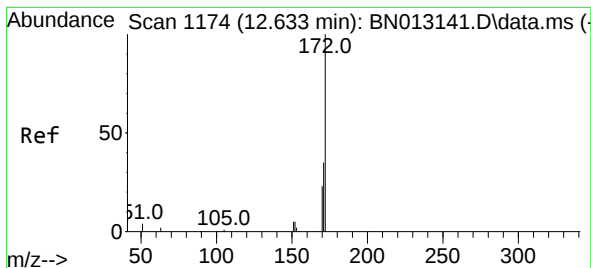


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:330 Resp: 212

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.5	34.4	51.6

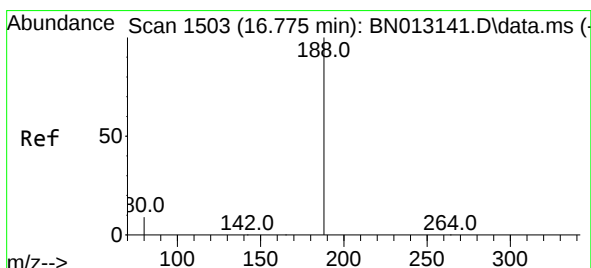
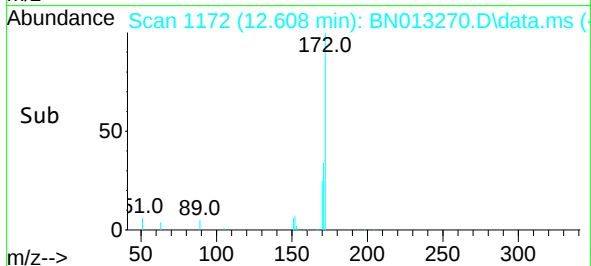
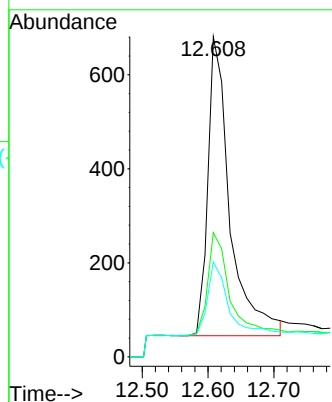
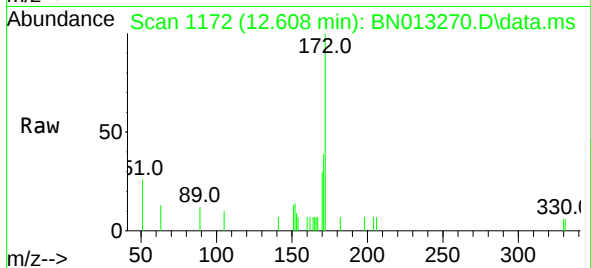




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

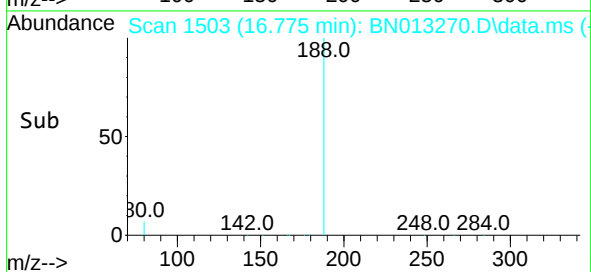
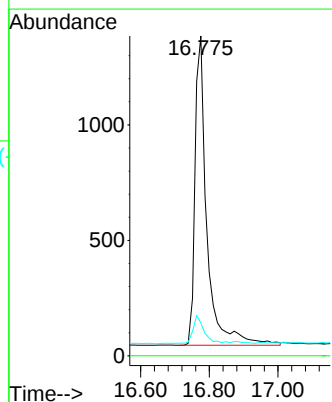
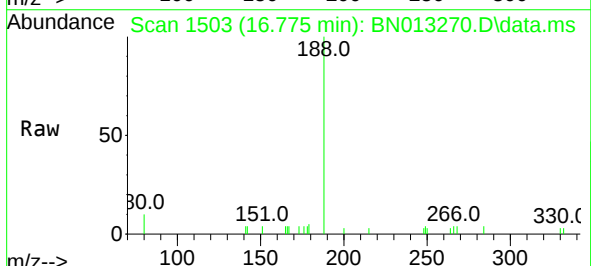
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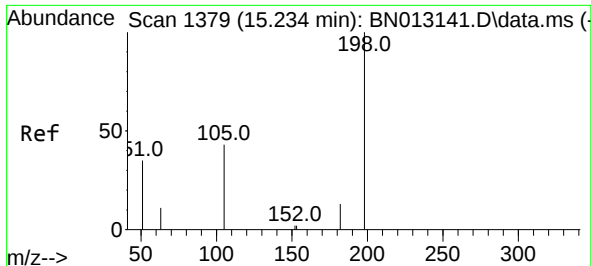
Tgt Ion:	172	Resp:	1482
Ion Ratio	Lower	Upper	
172	100		
171	38.8	28.2	42.4
170	29.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:	188	Resp:	3220
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.4#

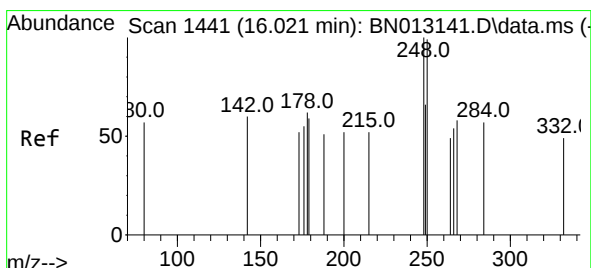
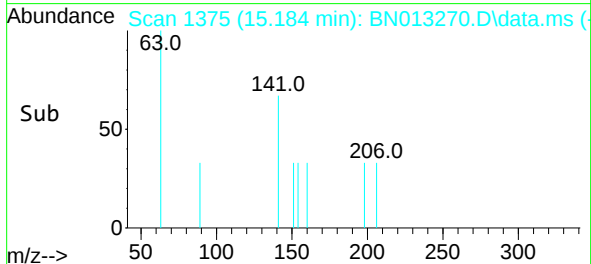
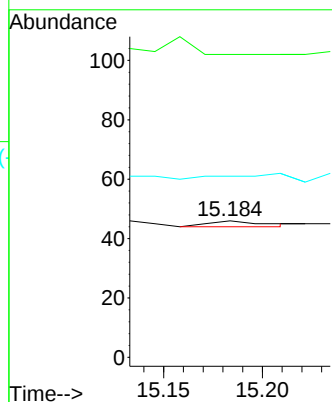
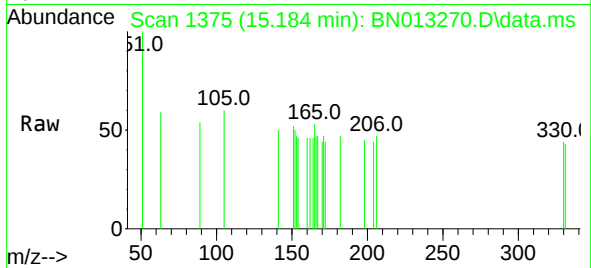




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.184 min Scan# 1375
Delta R.T. -0.038 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

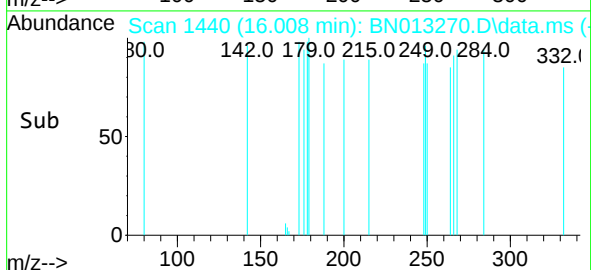
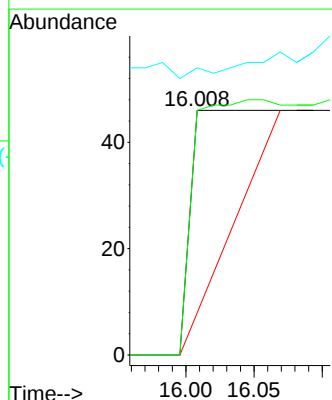
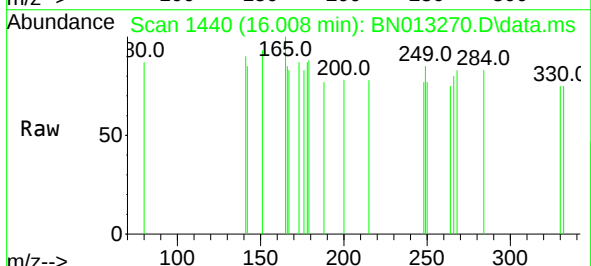
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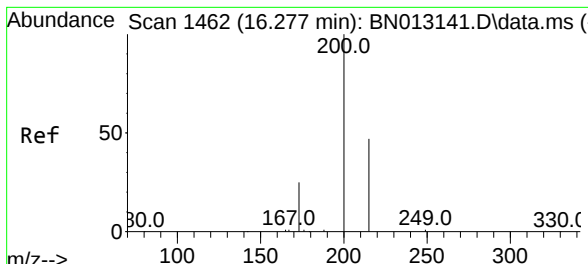
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 221.7 43.5 65.3#
105 132.6 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 100.0 77.3 115.9
141 117.4 57.8 86.8#



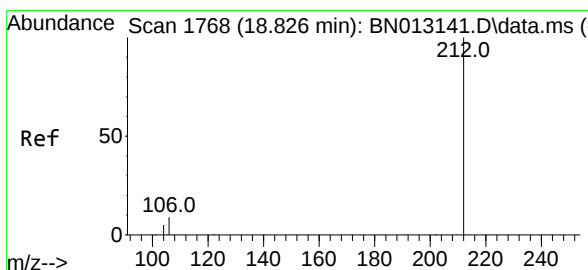
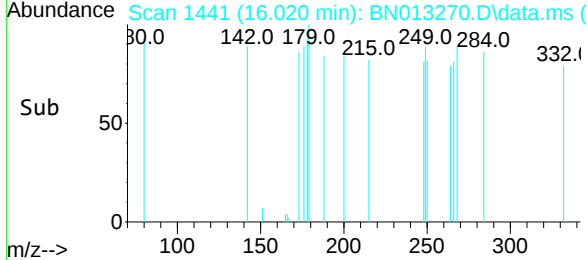
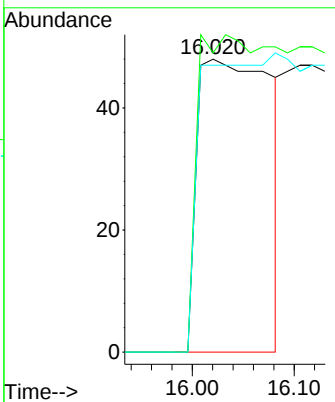
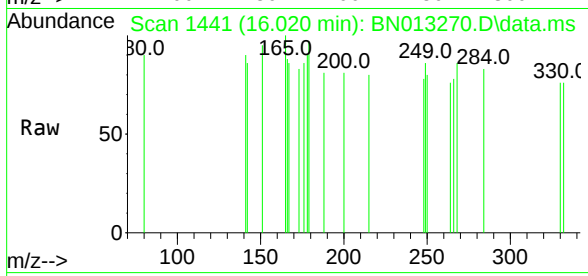


#23
Atrazine
 Concen: 0.12 ng
 RT: 16.020 min Scan# 1441
 Delta R.T. -0.244 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Instrument :
 BNA_N
ClientSampleId :
 RE131D2-20201211

Tgt Ion: 200 Resp: 240

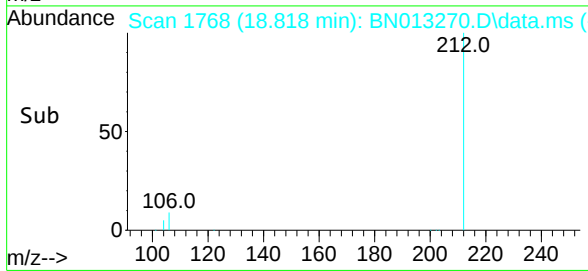
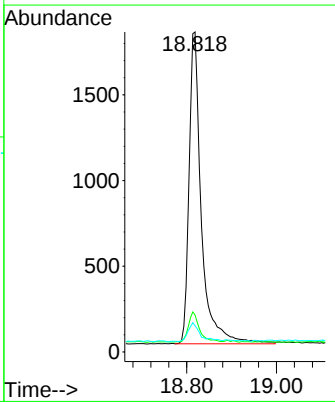
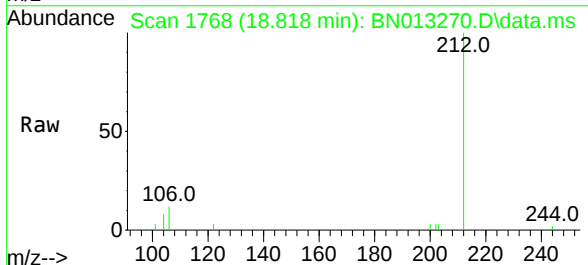
Ion	Ratio	Lower	Upper
200	100		
173	102.1	22.8	34.2#
215	97.9	38.1	57.1#

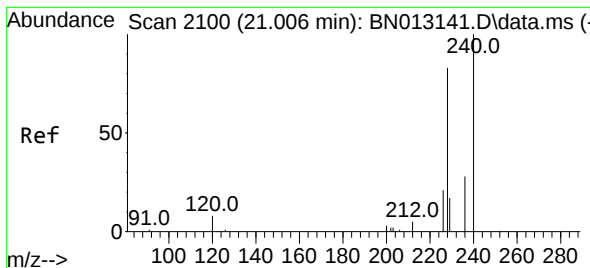


#27
Fluoranthene-d10
 Concen: 0.33 ng
 RT: 18.818 min Scan# 1768
 Delta R.T. 0.002 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Tgt Ion: 212 Resp: 3482

Ion	Ratio	Lower	Upper
212	100		
106	8.7	6.8	10.2
104	5.8	4.1	6.1





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.003 min Scan# 2101

Delta R.T. 0.008 min

Lab File: BN013270.D

Acq: 22 Dec 2020 13:23

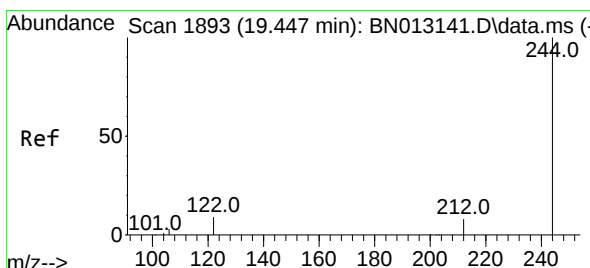
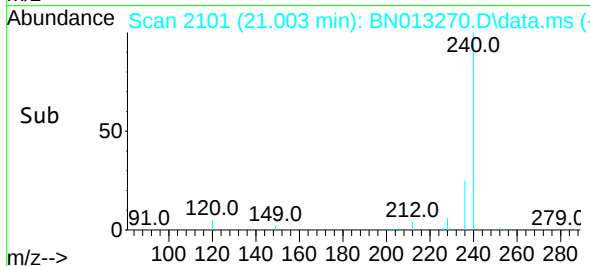
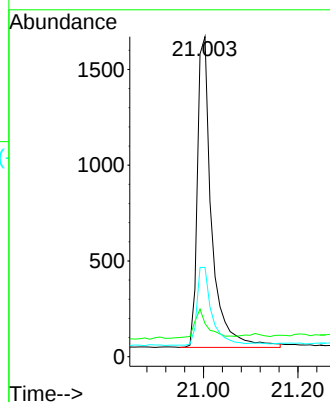
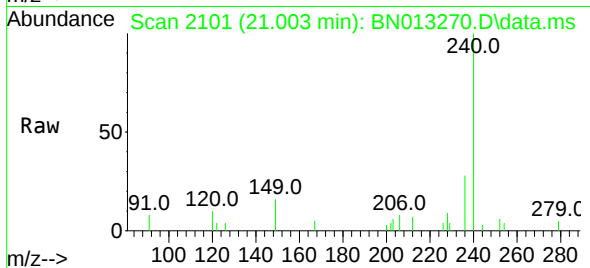
Tgt Ion:240 Resp: 3403

Ion Ratio Lower Upper

240 100

120 10.4 5.3 7.9#

236 27.9 21.8 32.8



#31

Terphenyl-d14

Concen: 0.35 ng

RT: 19.429 min Scan# 1891

Delta R.T. -0.003 min

Lab File: BN013270.D

Acq: 22 Dec 2020 13:23

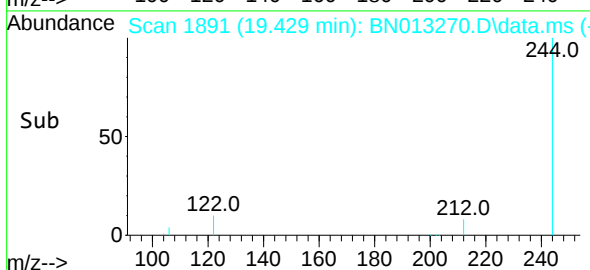
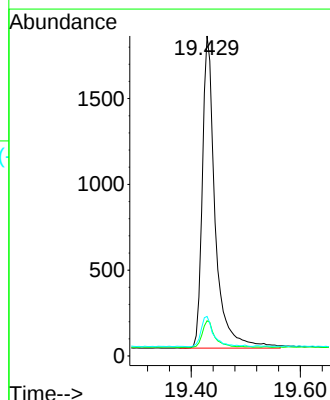
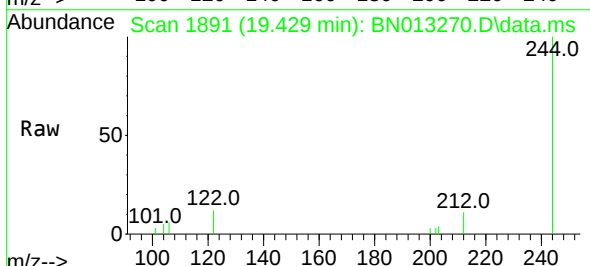
Tgt Ion:244 Resp: 2989

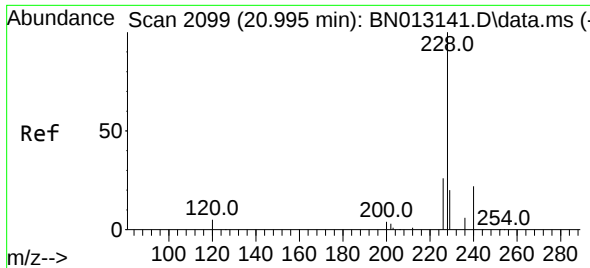
Ion Ratio Lower Upper

244 100

212 11.0 7.3 10.9#

122 12.3 7.3 10.9#

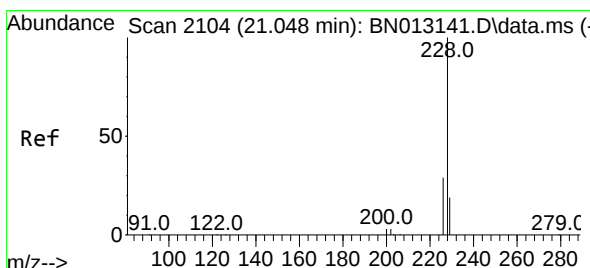
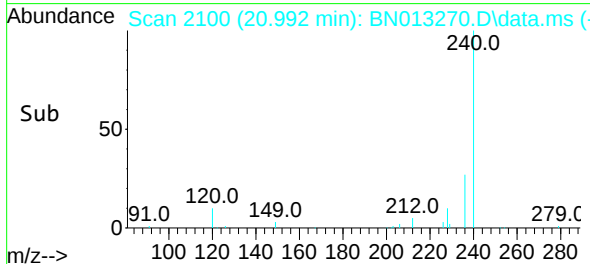
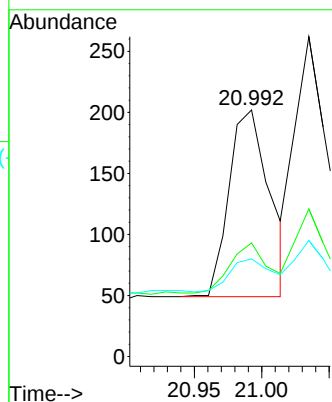
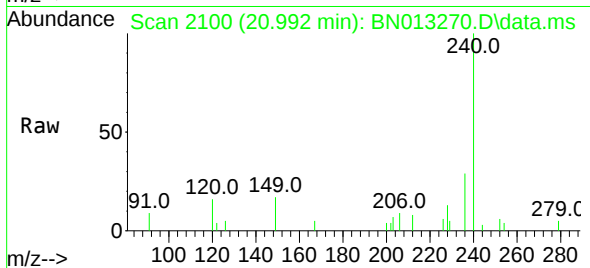




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.992 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

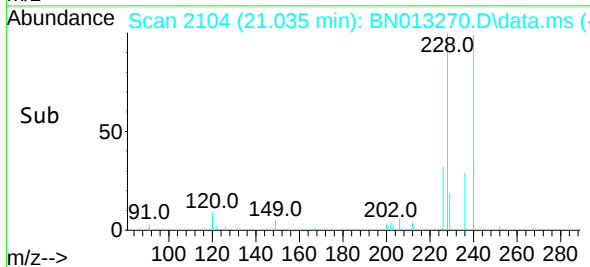
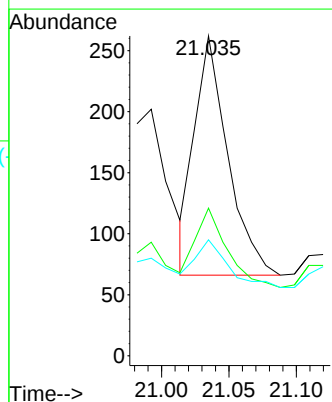
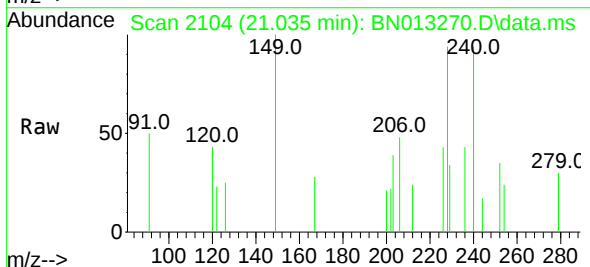
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

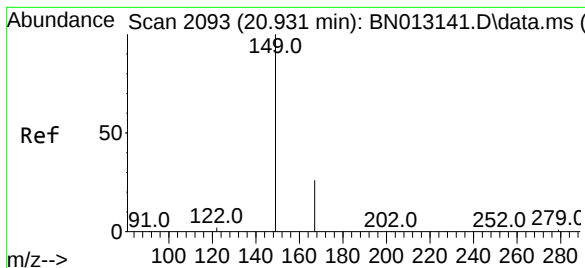
Tgt Ion:228 Resp: 320
Ion Ratio Lower Upper
228 100
226 46.0 22.3 33.5#
229 39.6 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:228 Resp: 336
Ion Ratio Lower Upper
228 100
226 46.2 24.2 36.2#
229 36.3 15.7 23.5#

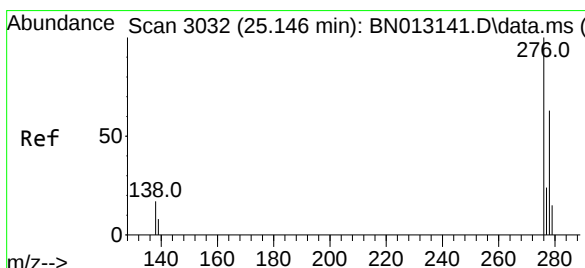
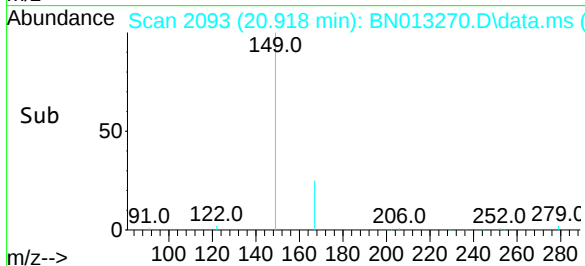
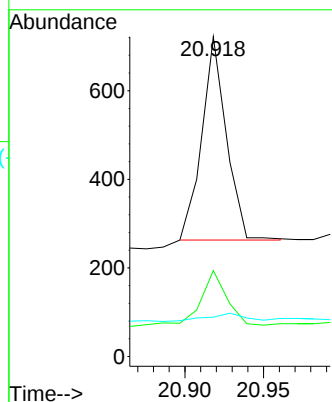
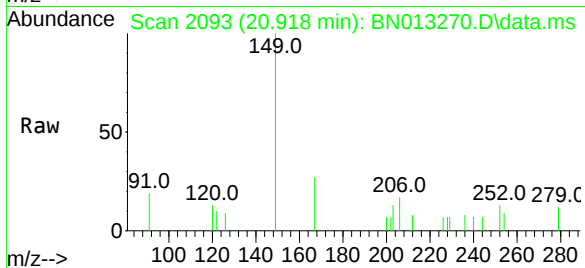




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.918 min Scan# 2093
 Delta R.T. -0.003 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

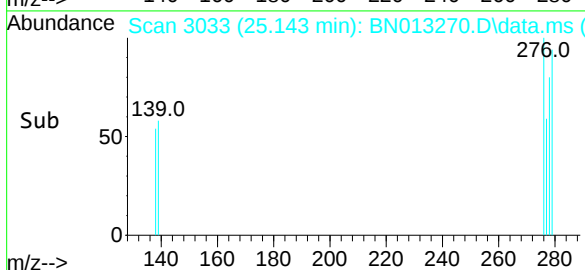
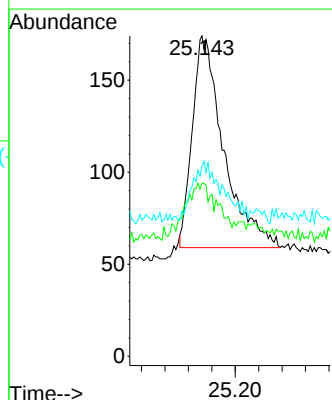
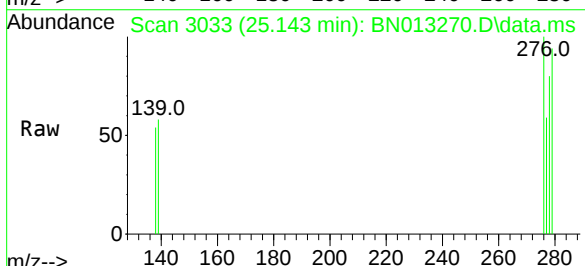
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211

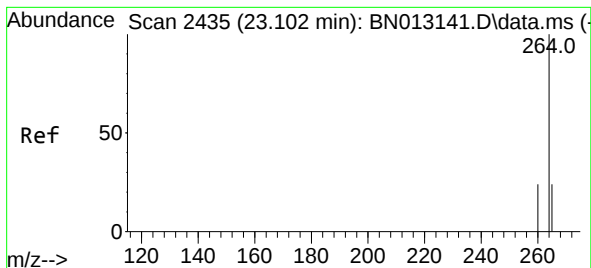
Tgt Ion:149 Resp: 500
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.2 34.8
 279 4.8 3.9 5.9



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.143 min Scan# 3033
 Delta R.T. 0.021 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Tgt Ion:276 Resp: 428
 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: 23.086 min Scan# 2432

Delta R.T. 0.001 min

Lab File: BN013270.D

Acq: 22 Dec 2020 13:23

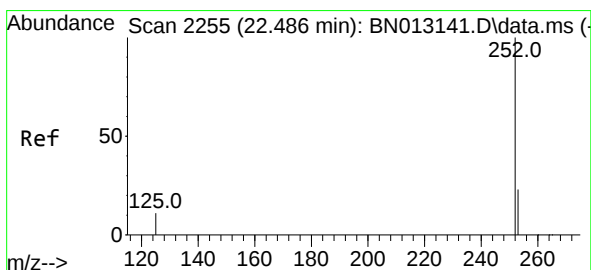
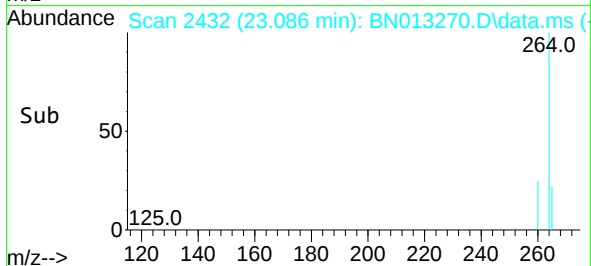
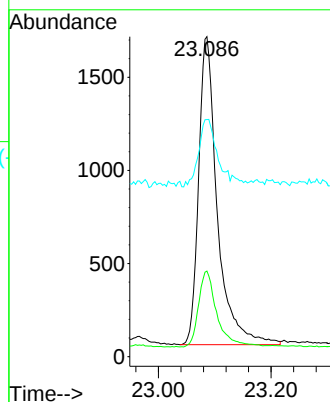
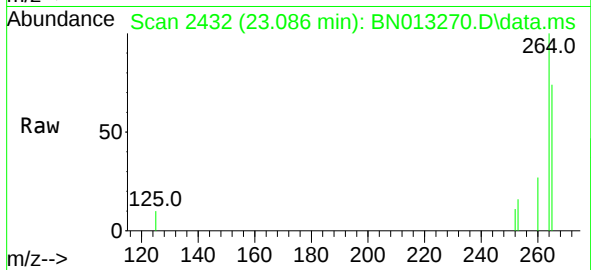
Tgt Ion:264 Resp: 3824

Ion Ratio Lower Upper

264 100

260 26.7 19.8 29.6

265 74.1 51.4 77.0



#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.477 min Scan# 2254

Delta R.T. 0.004 min

Lab File: BN013270.D

Acq: 22 Dec 2020 13:23

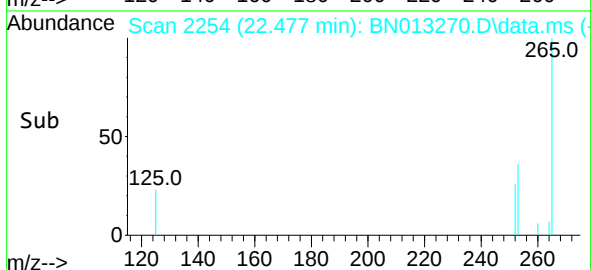
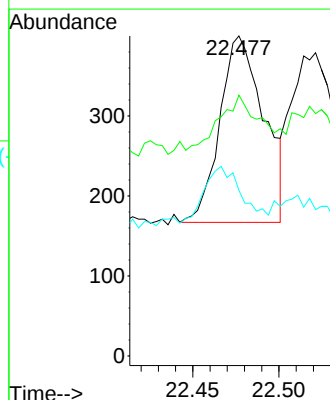
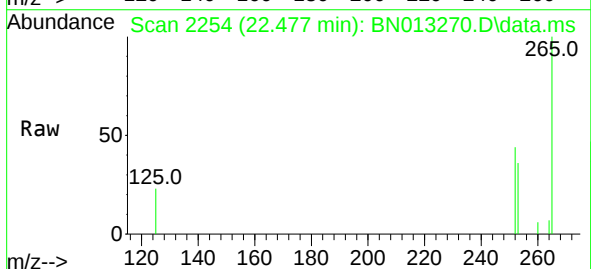
Tgt Ion:252 Resp: 415

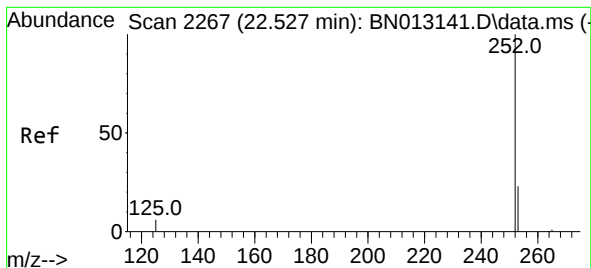
Ion Ratio Lower Upper

252 100

253 81.5 20.1 30.1#

125 51.8 7.2 10.8#

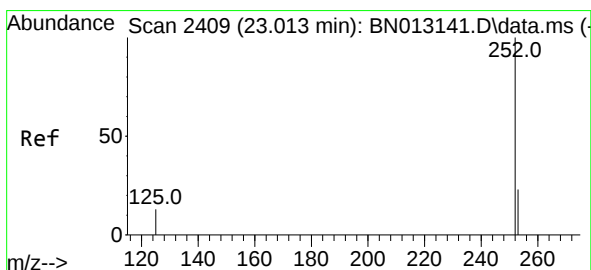
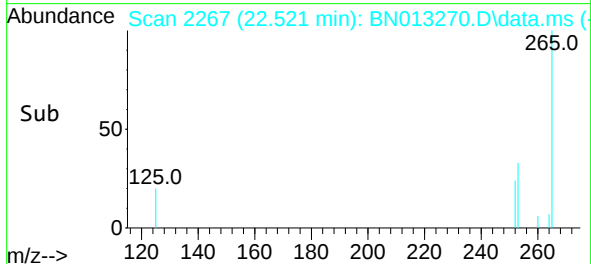
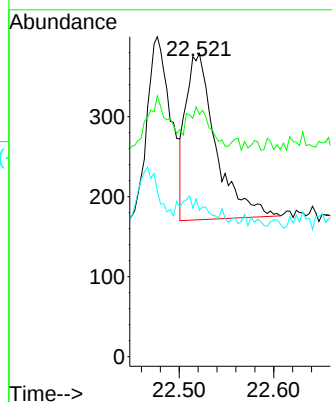
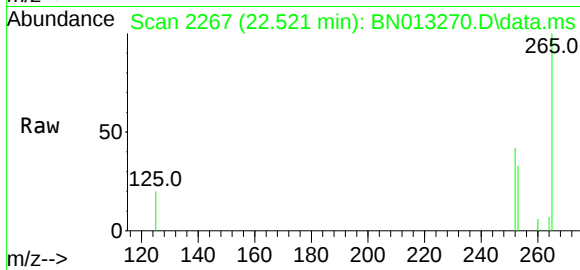




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.521 min Scan# 2267
Delta R.T. 0.008 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

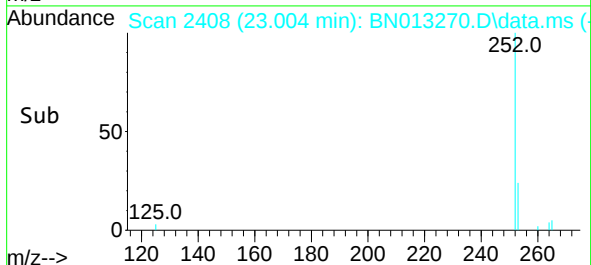
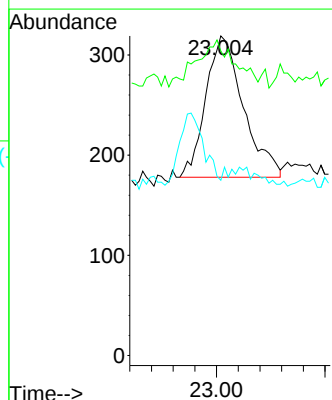
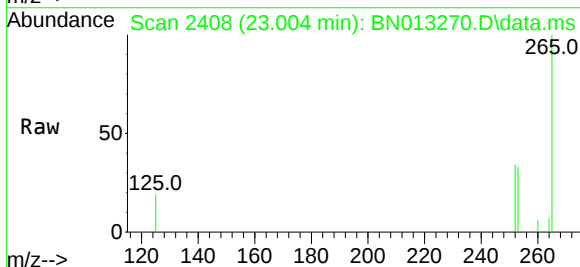
Instrument :
BNA_N
ClientSampleId :
RE131D2-20201211

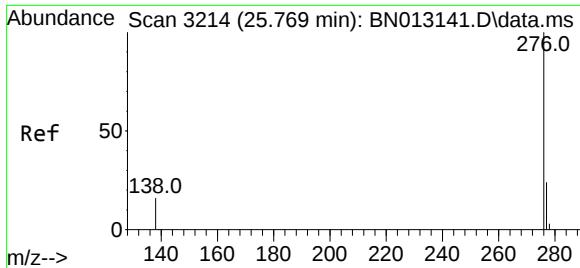
Tgt Ion:252 Resp: 458
Ion Ratio Lower Upper
252 100
253 79.9 19.8 29.8#
125 48.3 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.004 min Scan# 2408
Delta R.T. 0.004 min
Lab File: BN013270.D
Acq: 22 Dec 2020 13:23

Tgt Ion:252 Resp: 339
Ion Ratio Lower Upper
252 100
253 95.3 21.3 31.9#
125 54.9 8.3 12.5#





#41
 Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 25.770 min Scan# 3216
 Delta R.T. 0.028 min
 Lab File: BN013270.D
 Acq: 22 Dec 2020 13:23

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20201211

Tgt Ion:	276	Resp:	541
Ion	Ratio	Lower	Upper
276	100		
277	54.7	19.8	29.8#
138	42.6	11.7	17.5#

