

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013259.D
 Acq On : 22 Dec 2020 04:53
 Operator : CG/JU
 Sample : L5123-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20201214

Quant Time: Dec 22 05:25:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

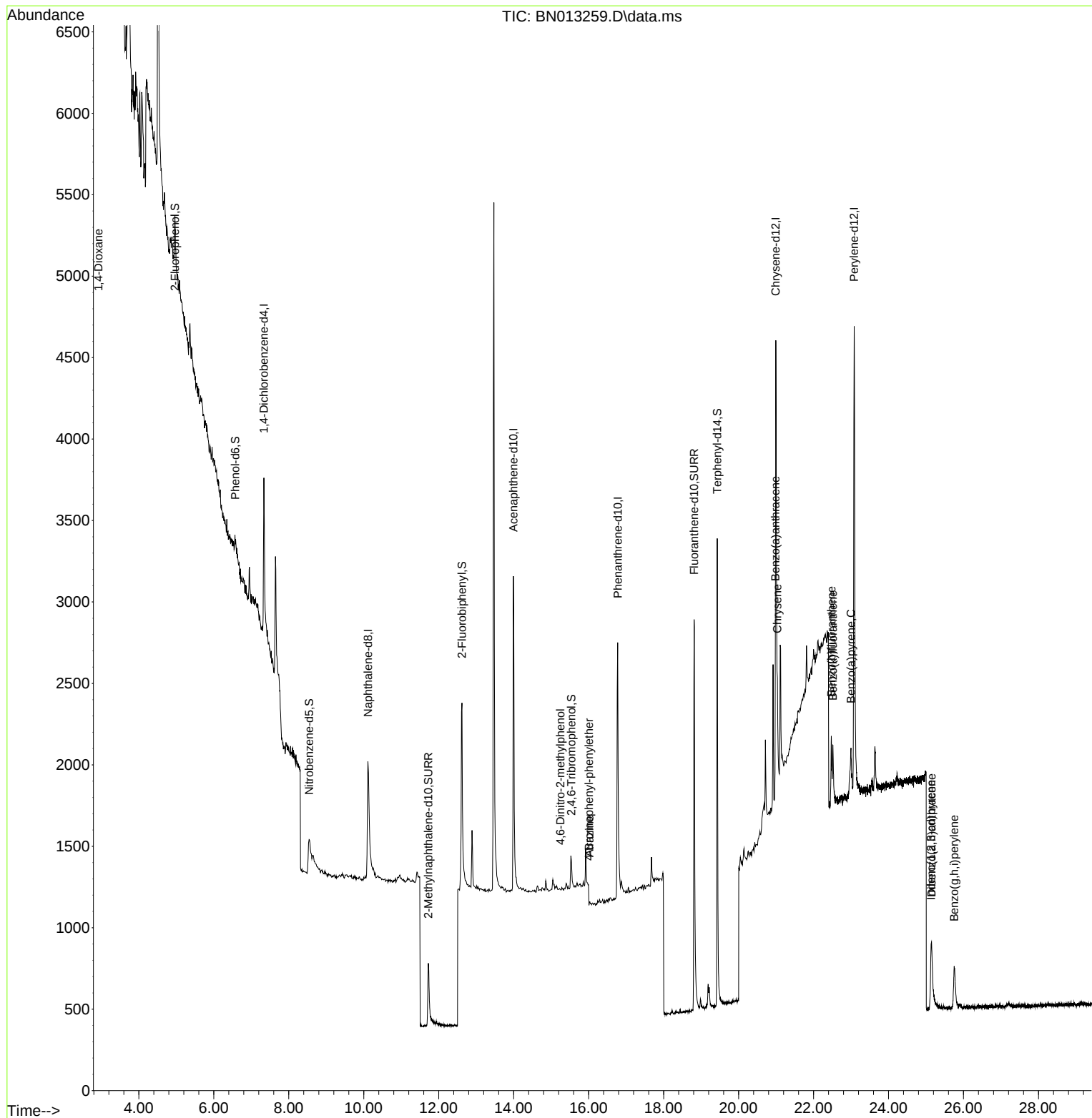
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	747	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2074	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1420	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3118	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3638	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	4245	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	314	0.10	ng	0.00
5) Phenol-d6	6.573	99	158	0.05	ng	0.02
8) Nitrobenzene-d5	8.540	82	575	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.724	152	953	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	239	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1603	0.27	ng	-0.01
27) Fluoranthene-d10	18.813	212	3989	0.39	ng	0.00
31) Terphenyl-d14	19.429	244	3603	0.39	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	1344	1.03	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.247	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	85	0.14	ng	# 73
23) Atrazine	16.020	200	204	0.11	ng	# 1
32) Benzo(a)anthracene	20.982	228	391	0.03	ng	# 64
33) Chrysene	21.035	228	409	0.03	ng	# 74
34) Bis(2-ethylhexyl)phtha...	20.918	149	821	Below	Cal	95
35) Indeno(1,2,3-cd)pyrene	25.136	276	523	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.477	252	465	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.518	252	525	0.03	ng	# 1
39) Benzo(a)pyrene	22.997	252	435	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.147	278	406	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.752	276	650	0.04	ng	# 44

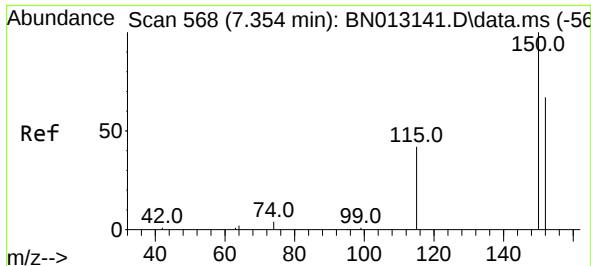
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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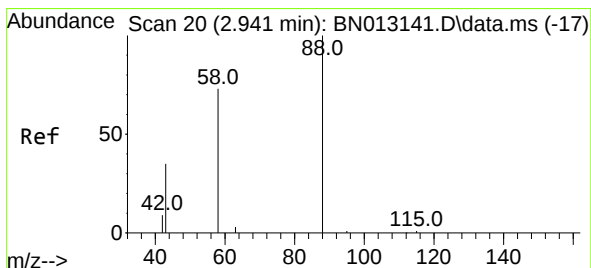
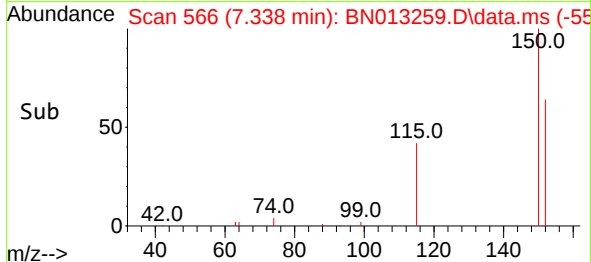
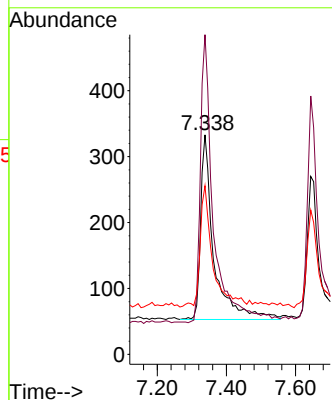
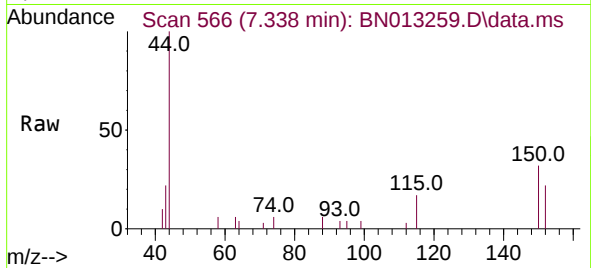




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

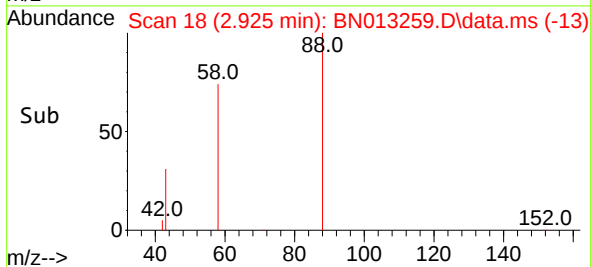
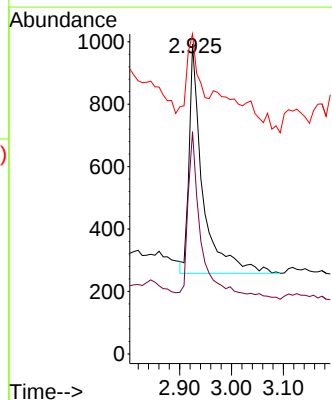
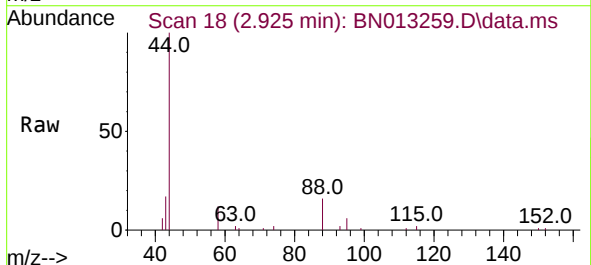
Instrument :
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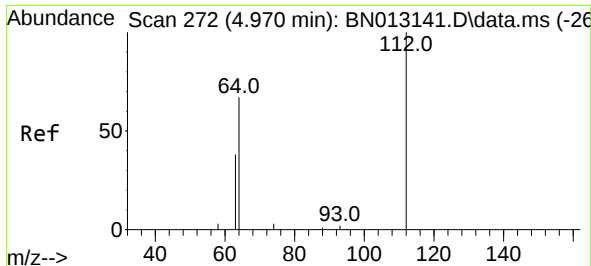
Tgt Ion:152 Resp: 747
Ion Ratio Lower Upper
152 100
150 145.6 116.6 174.8
115 76.9 52.9 79.3



#2
1,4-Dioxane
Concen: 1.03 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion: 88 Resp: 1344
Ion Ratio Lower Upper
88 100
58 73.9 59.4 89.2
43 29.5 32.3 48.5#

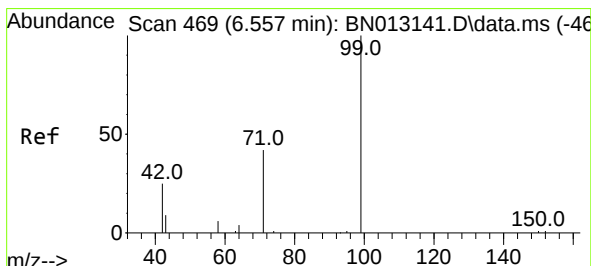
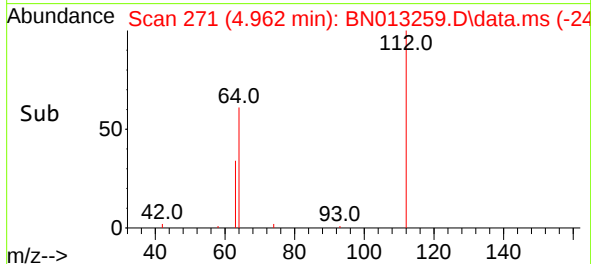
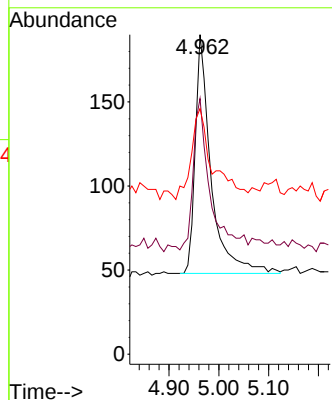
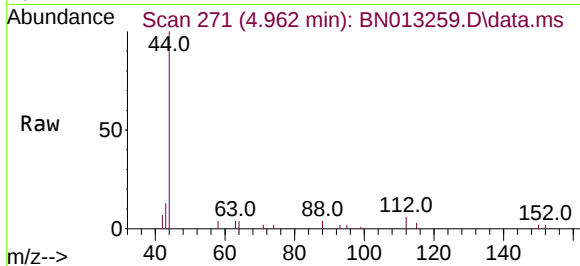




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

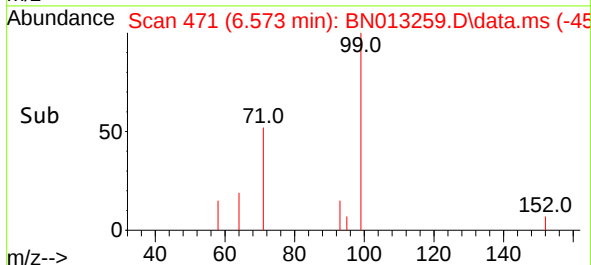
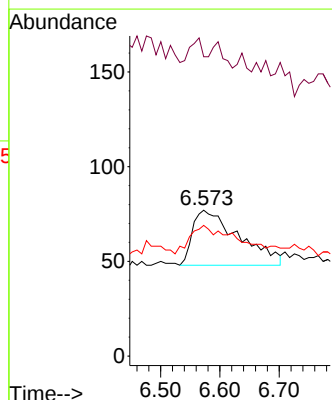
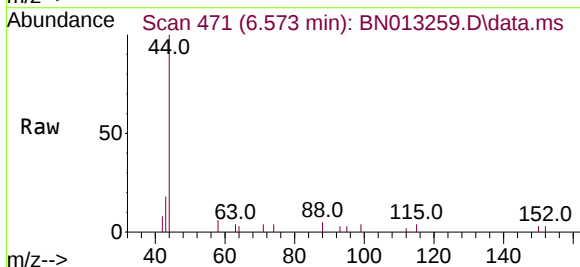
Instrument :
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ClientSampleId :
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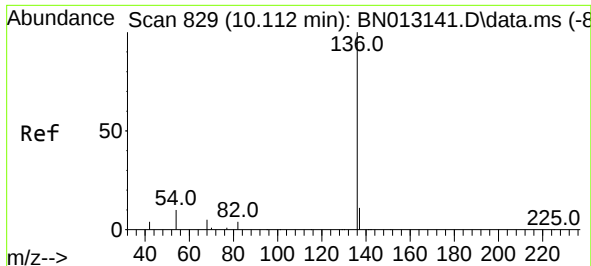
Tgt Ion:112 Resp: 314
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 51.6 32.0 48.0#



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 13.3 22.4 33.6#
71 52.5 37.8 56.6

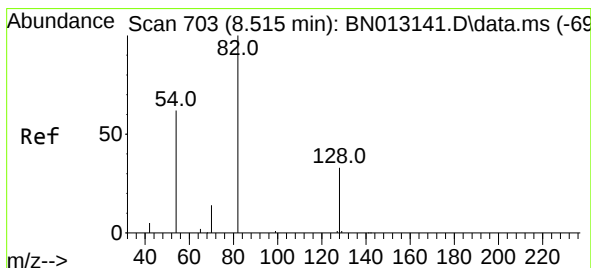
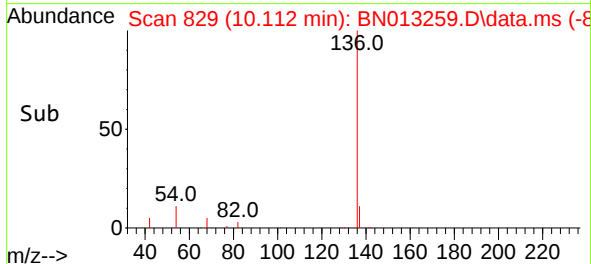
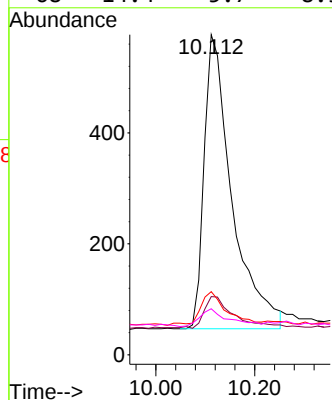
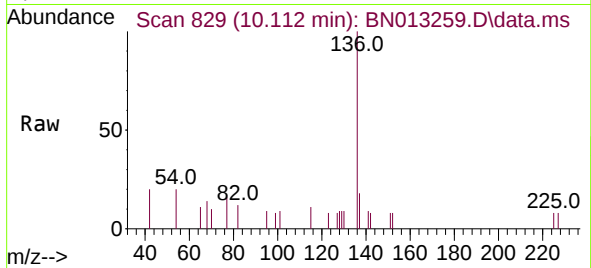




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

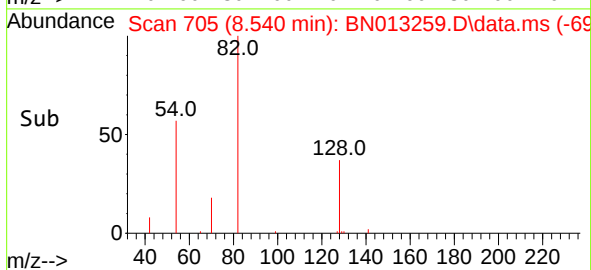
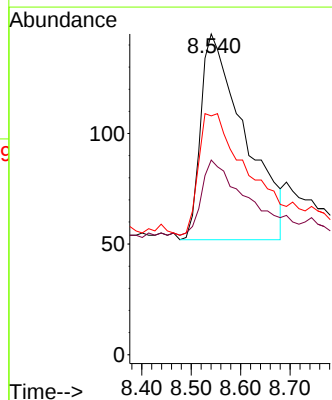
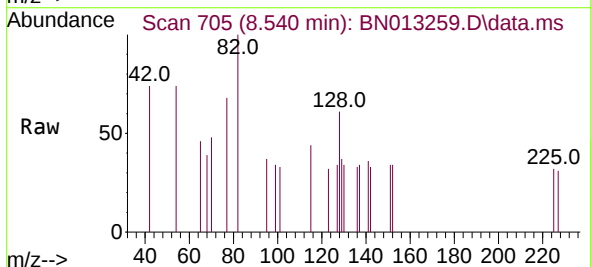
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

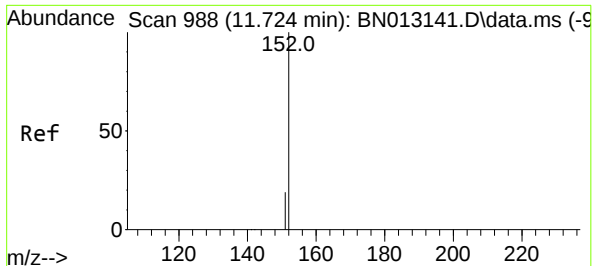
Tgt Ion:	136	Resp:	2074
Ion Ratio	Lower	Upper	
136	100		
137	18.2	10.6	15.8#
54	19.8	8.6	12.8#
68	14.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:	82	Resp:	575
Ion Ratio	Lower	Upper	
82	100		
128	60.7	30.6	46.0#
54	74.5	48.3	72.5#

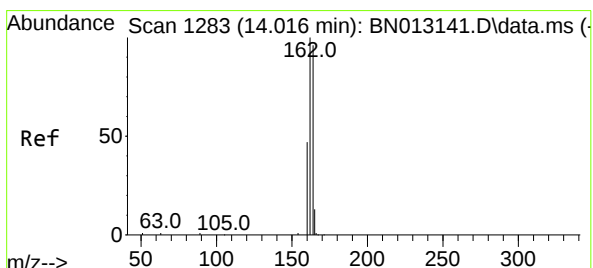
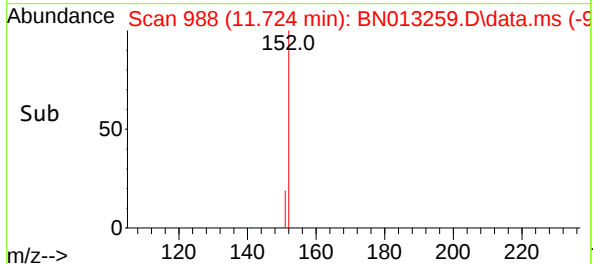
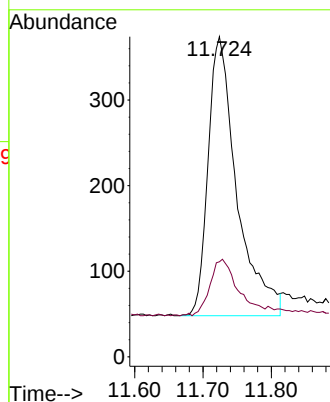
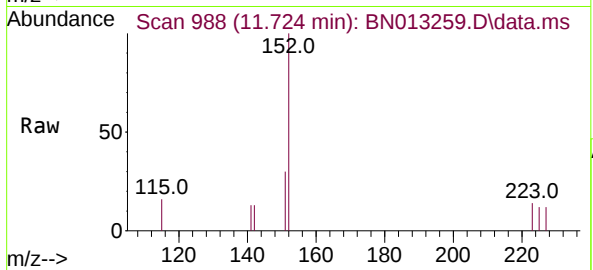




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

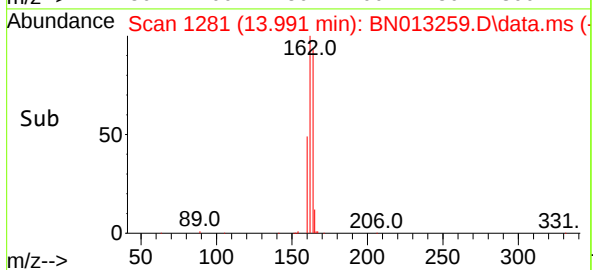
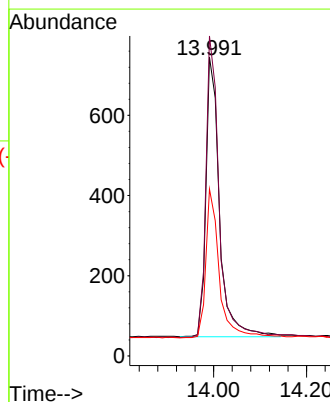
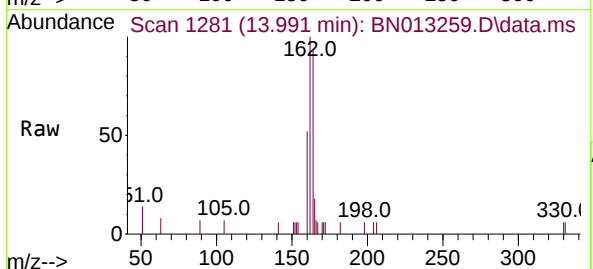
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BNA_N
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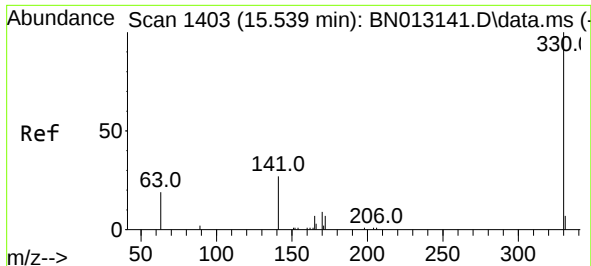
Tgt Ion:152 Resp: 953
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:164 Resp: 1420
Ion Ratio Lower Upper
164 100
162 107.1 80.6 120.8
160 55.8 39.5 59.3

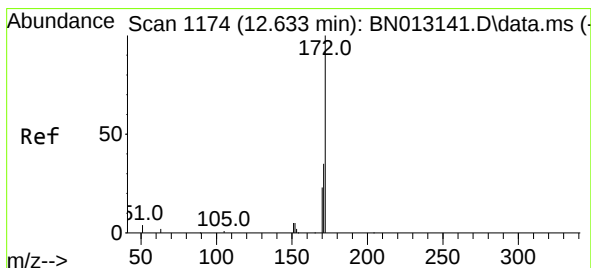
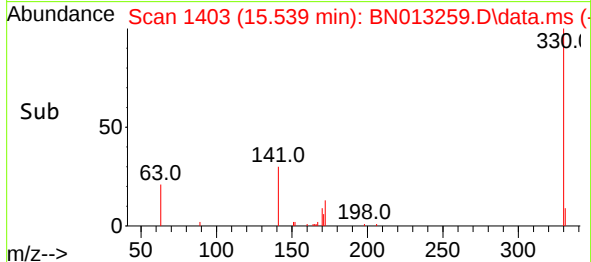
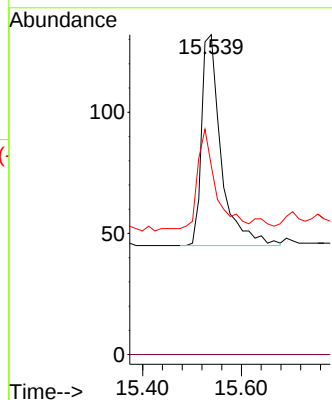
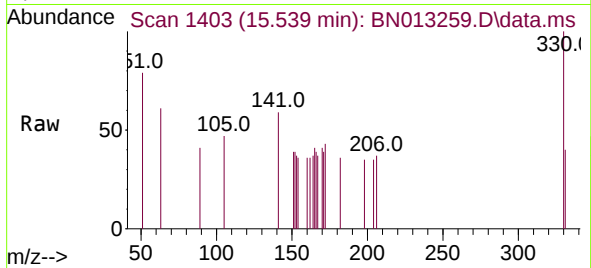




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

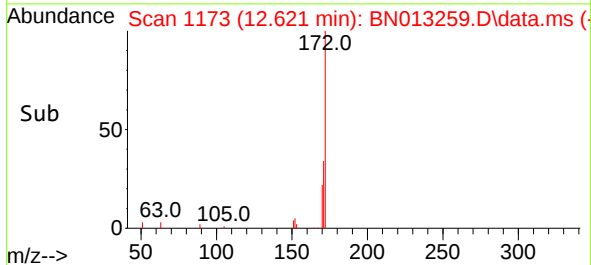
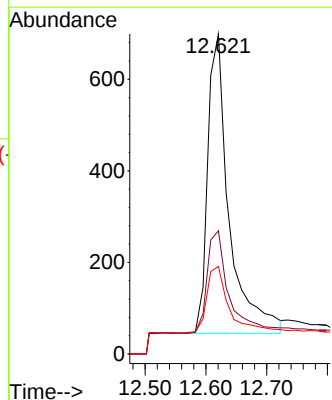
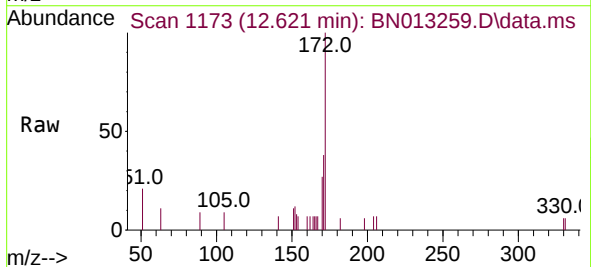
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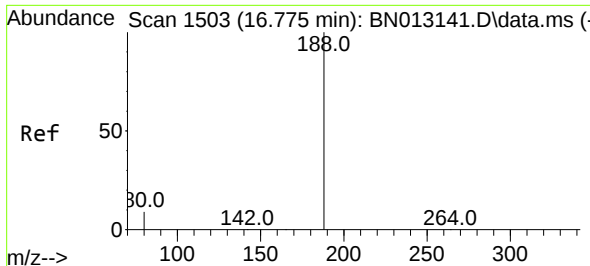
Tgt Ion:330 Resp: 239
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:172 Resp: 1603
Ion Ratio Lower Upper
172 100
171 38.5 28.2 42.4
170 27.3 20.0 30.0

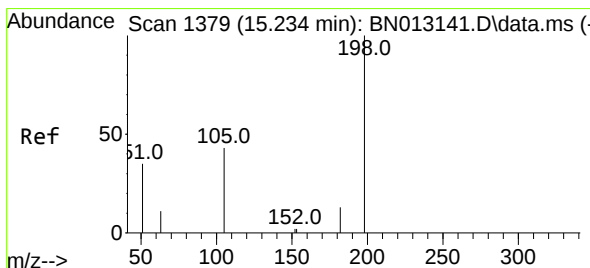
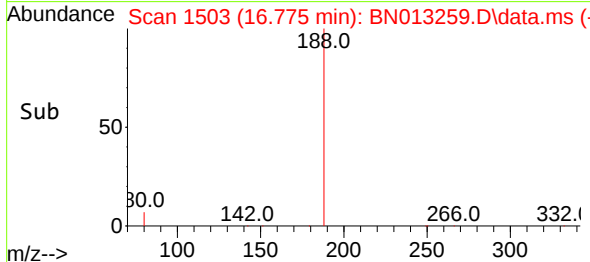
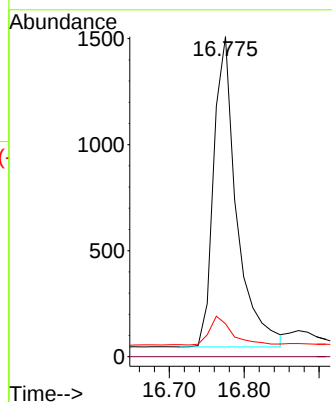
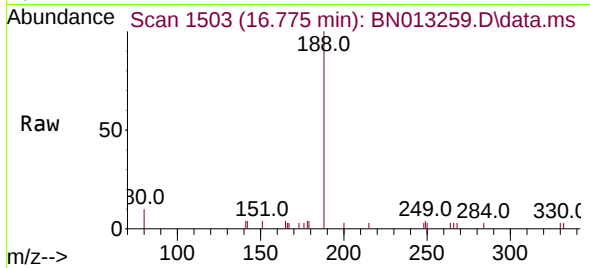




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.001 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

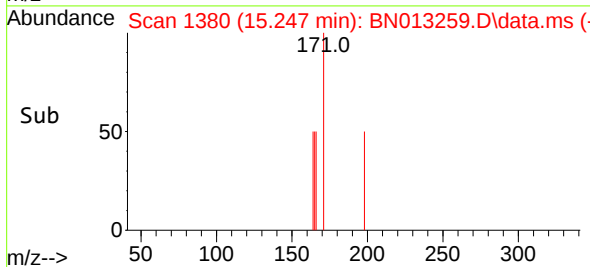
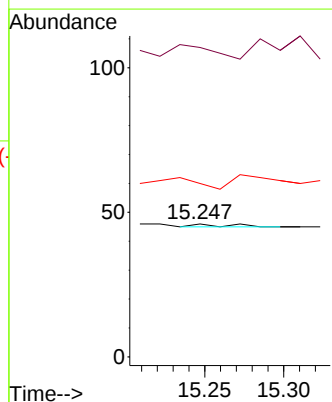
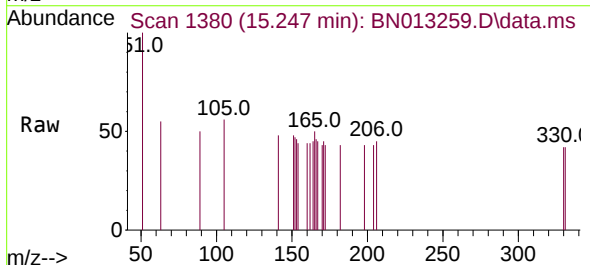
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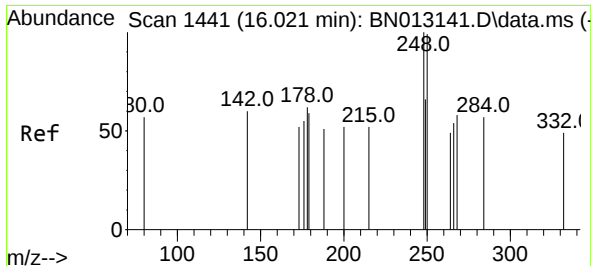
Tgt Ion:	188	Resp:	3118
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:	198	Resp:	2
Ion Ratio	Lower	Upper	
198	100		
51	232.6	43.5	65.3#
105	130.4	27.2	40.8#

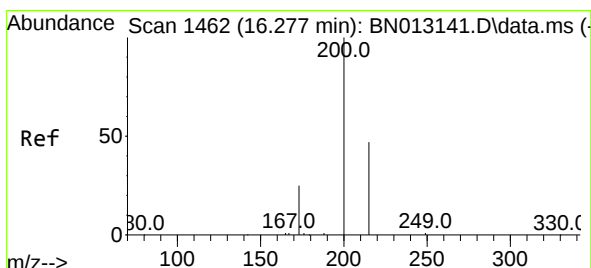
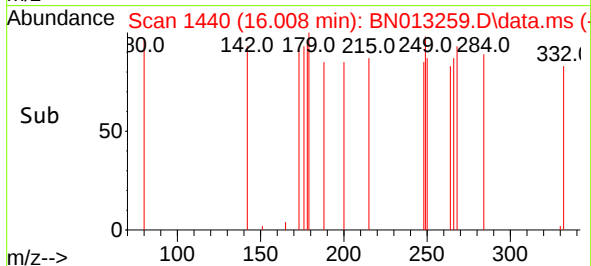
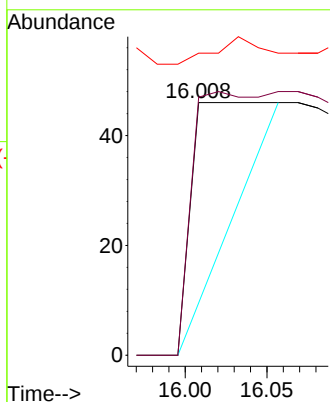
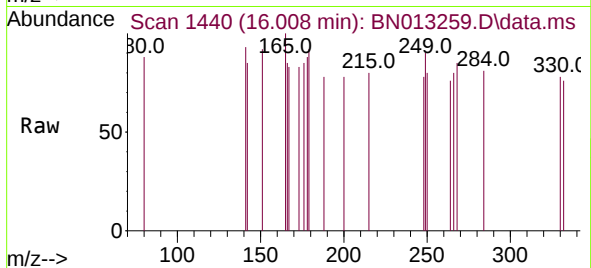




#21
4-Bromophenyl-phenylether
Concen: 0.14 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

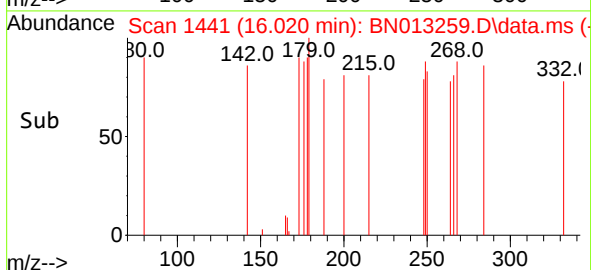
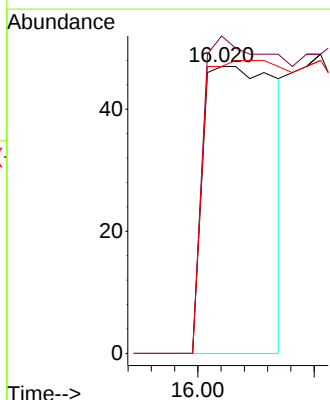
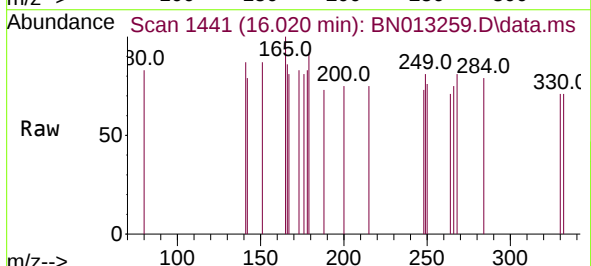
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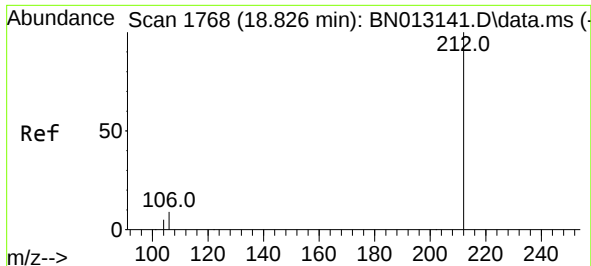
Tgt Ion:248 Resp: 85
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 119.6 57.8 86.8#



#23
Atrazine
Concen: 0.11 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:200 Resp: 204
Ion Ratio Lower Upper
200 100
173 110.6 22.8 34.2#
215 100.0 38.1 57.1#

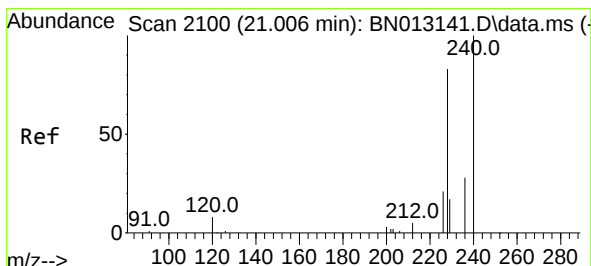
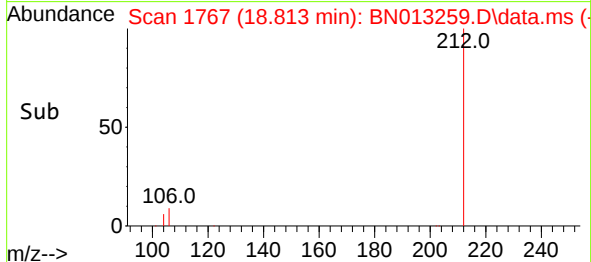
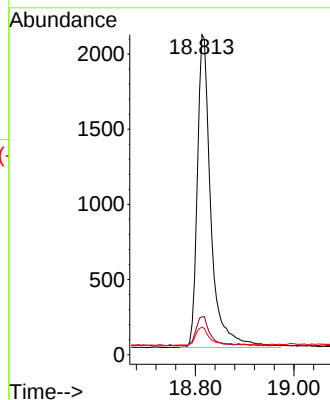
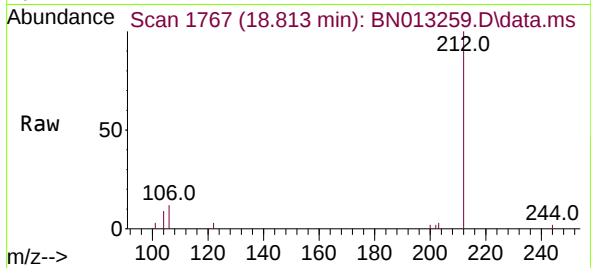




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

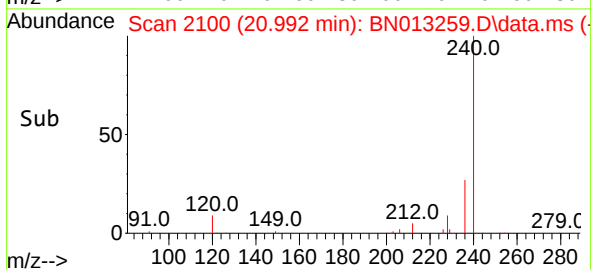
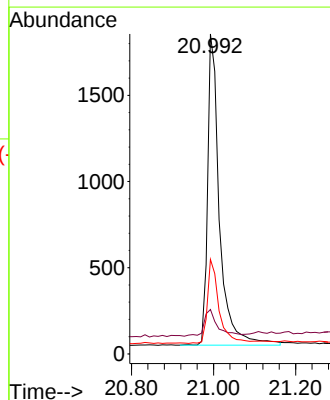
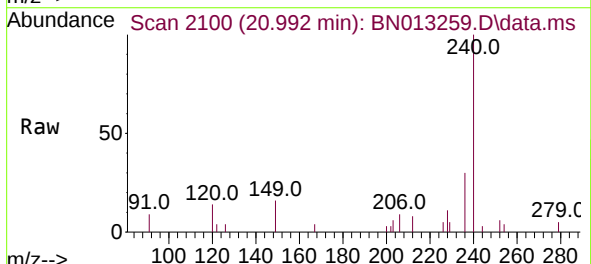
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

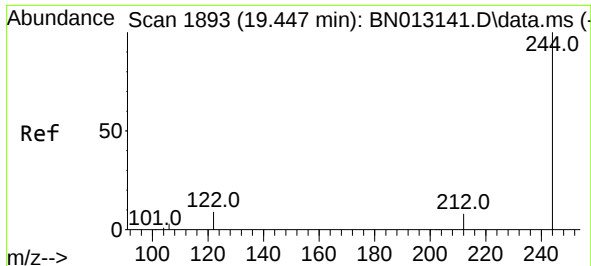
Tgt Ion:212	Resp:	3989
Ion Ratio	Lower	Upper
212	100	
106	9.6	6.8 10.2
104	5.6	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

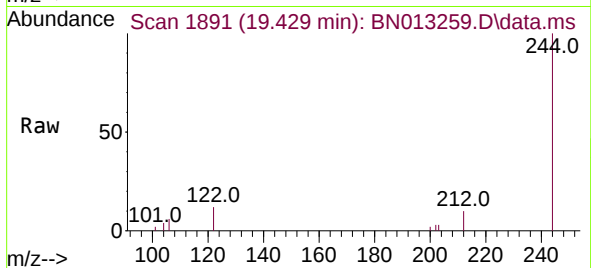
Tgt Ion:240	Resp:	3638
Ion Ratio	Lower	Upper
240	100	
120	13.9	5.3 7.9#
236	29.5	21.8 32.8



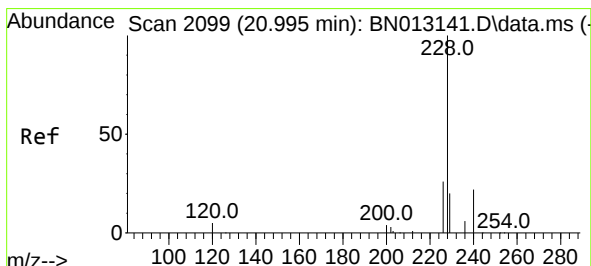
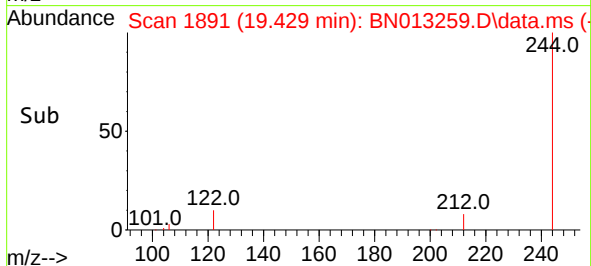
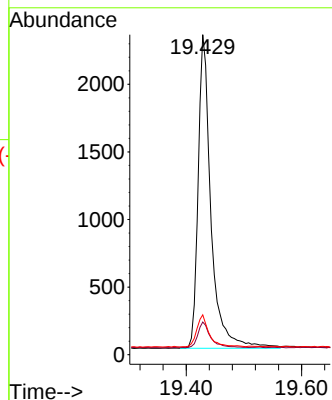


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

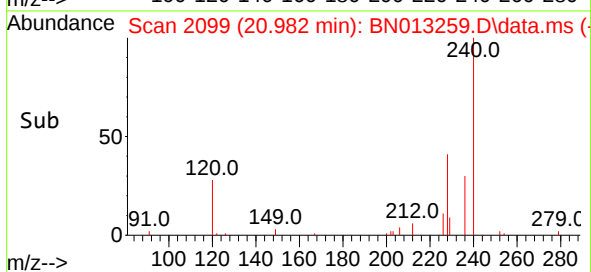
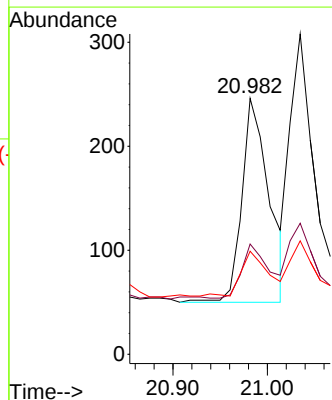
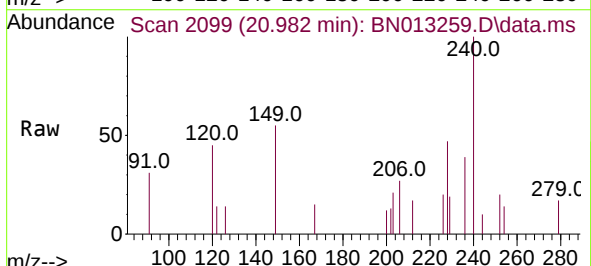


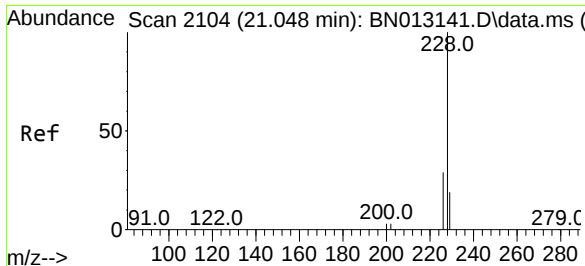
Tgt Ion:244 Resp: 3603
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 12.5 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.982 min Scan# 2099
Delta R.T. -0.013 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:228 Resp: 391
Ion Ratio Lower Upper
228 100
226 43.1 22.3 33.5#
229 40.2 15.7 23.5#

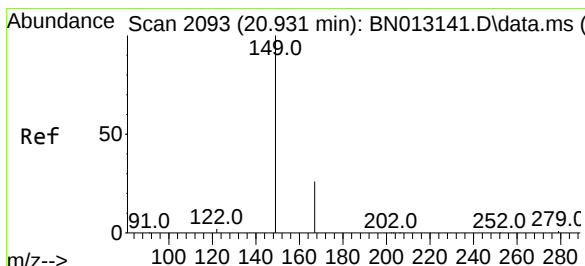
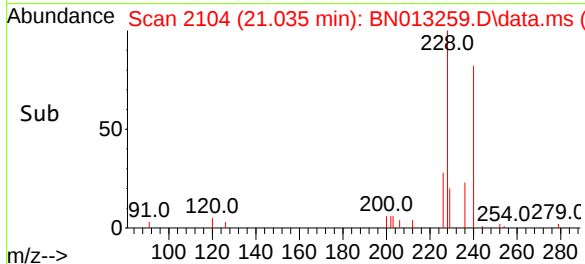
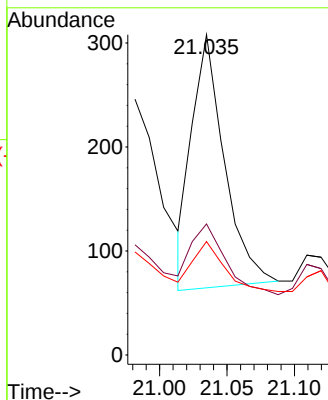
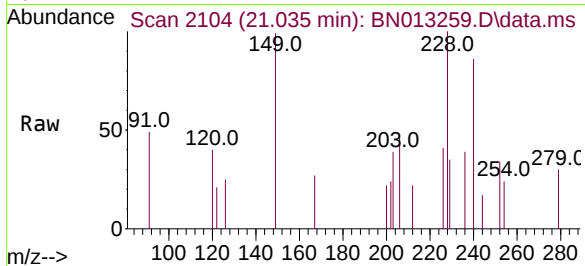




#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

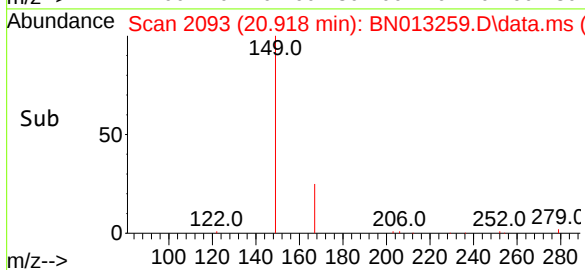
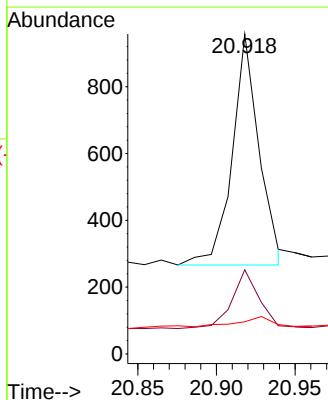
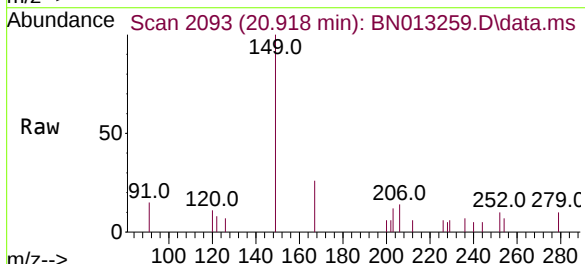
Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

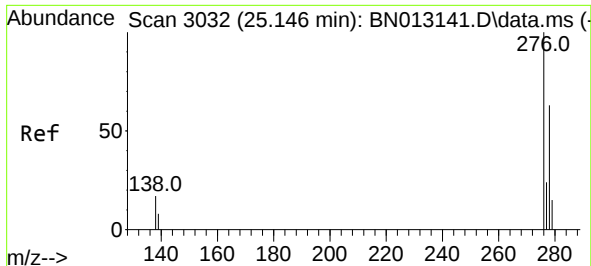
Tgt Ion:228	Resp:	409
Ion Ratio	Lower	Upper
228	100	
226	40.9	24.2 36.2#
229	35.4	15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Tgt Ion:149	Resp:	821
Ion Ratio	Lower	Upper
149	100	
167	25.7	23.2 34.8
279	5.2	3.9 5.9

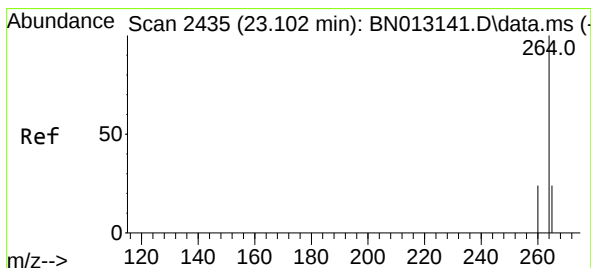
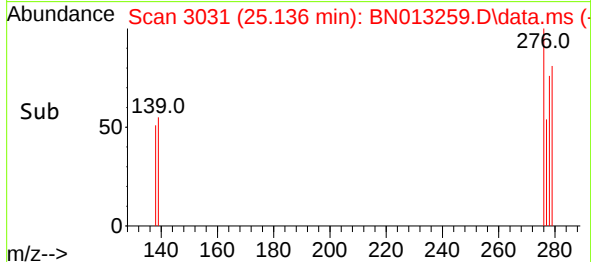
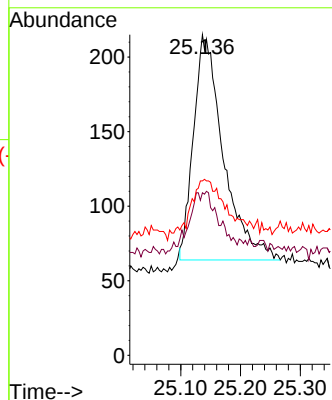
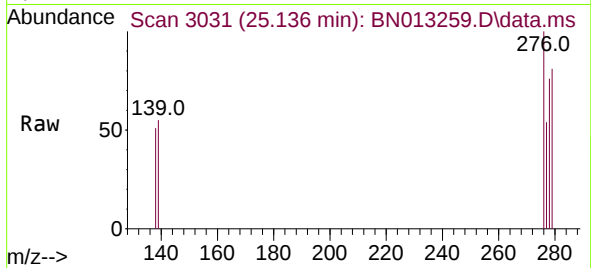




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.136 min Scan# 3031
 Delta R.T. 0.004 min
 Lab File: BN013259.D
 Acq: 22 Dec 2020 04:53

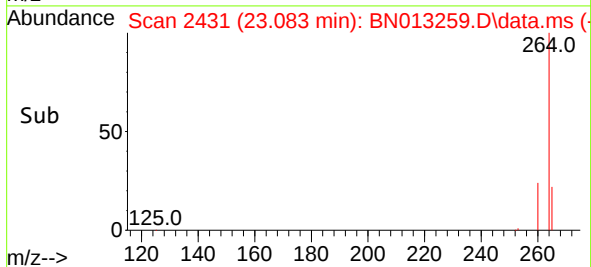
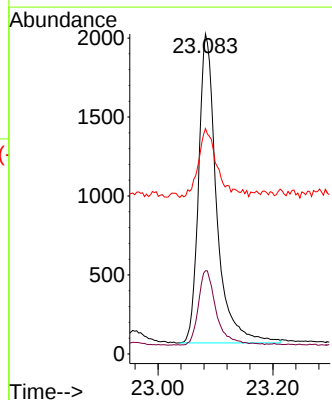
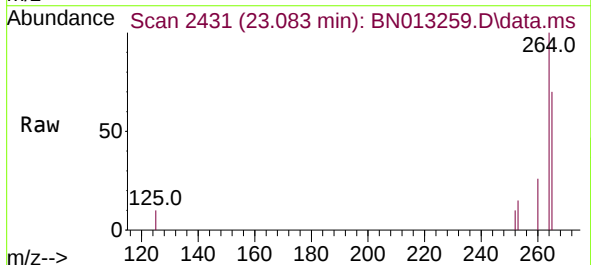
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20201214

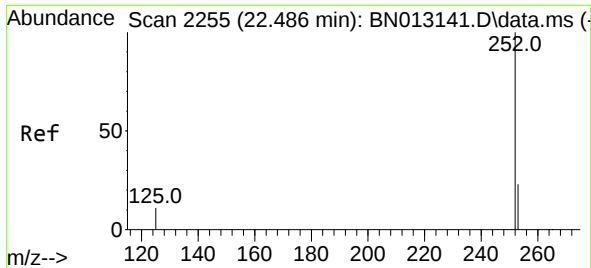
Tgt Ion:276 Resp: 523
 Ion Ratio Lower Upper
 276 100
 138 0.0 13.3 19.9#
 277 0.0 20.2 30.4#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.083 min Scan# 2431
 Delta R.T. -0.013 min
 Lab File: BN013259.D
 Acq: 22 Dec 2020 04:53

Tgt Ion:264 Resp: 4245
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.8 29.6
 265 70.4 51.4 77.0





#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.477 min Scan# 2254

Delta R.T. -0.003 min

Lab File: BN013259.D

Acq: 22 Dec 2020 04:53

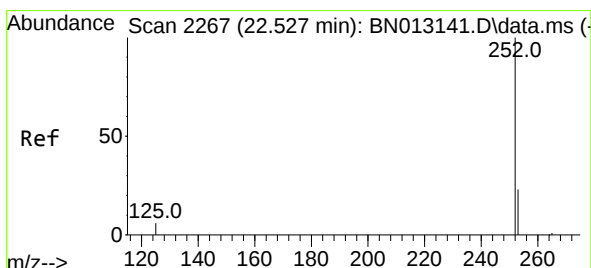
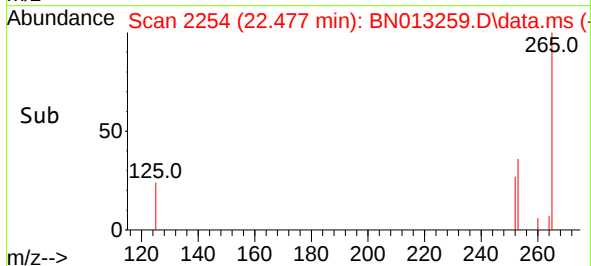
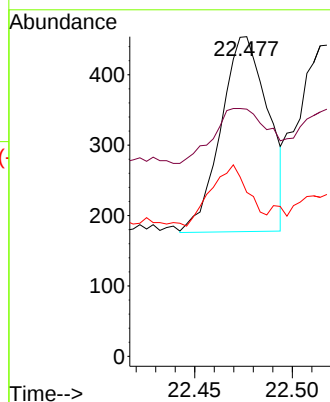
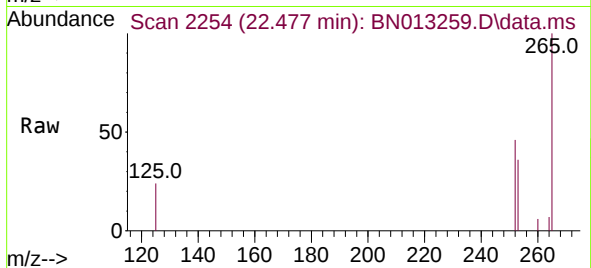
Tgt Ion:252	Resp:	465
Ion Ratio	Lower	Upper
252	100	
253	77.3	20.1 30.1#
125	51.3	7.2 10.8#

Instrument :

BNA_N

ClientSampleId :

RE139D2-20201214



#38

Benzo(k)fluoranthene

Concen: 0.03 ng

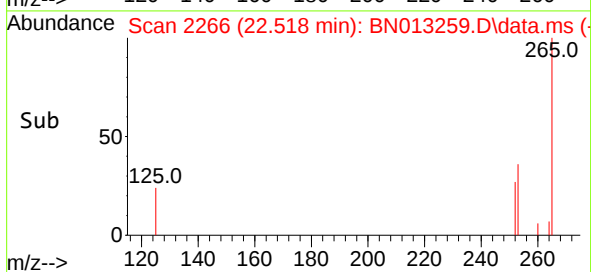
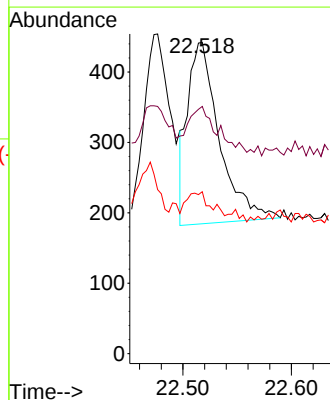
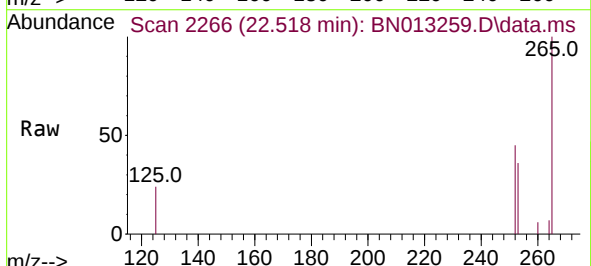
RT: 22.518 min Scan# 2266

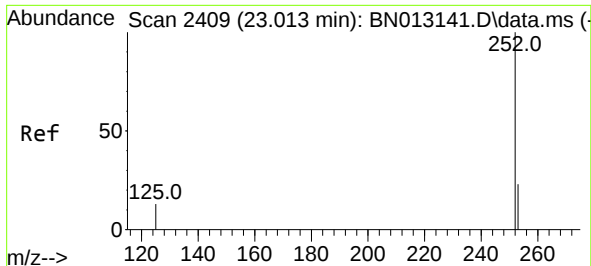
Delta R.T. 0.001 min

Lab File: BN013259.D

Acq: 22 Dec 2020 04:53

Tgt Ion:252	Resp:	525
Ion Ratio	Lower	Upper
252	100	
253	79.4	19.8 29.8#
125	52.0	7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 22.997 min Scan# 2406

Delta R.T. -0.010 min

Lab File: BN013259.D

Acq: 22 Dec 2020 04:53

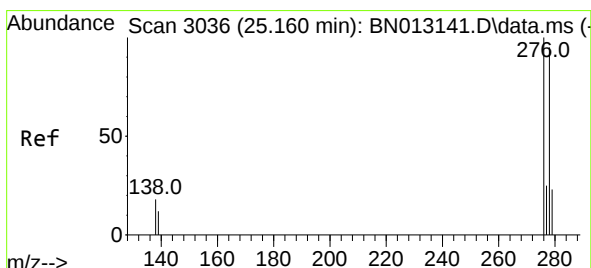
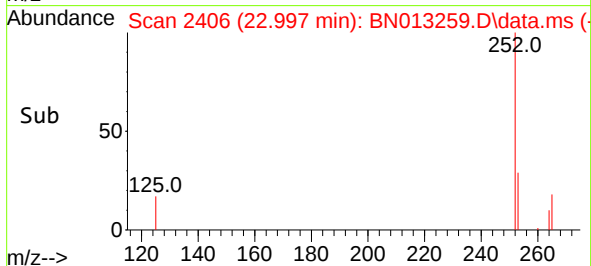
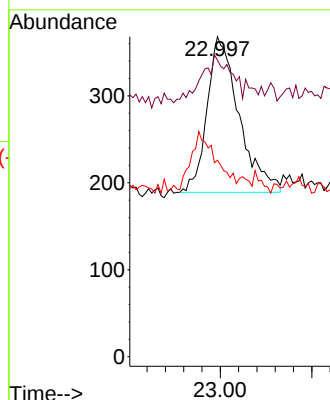
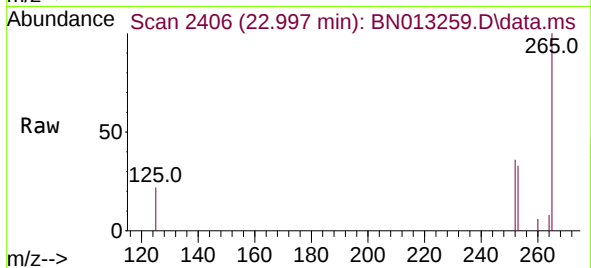
Tgt Ion:252	Resp:	435
Ion Ratio	Lower	Upper
252	100	
253	92.7	21.3 31.9#
125	61.4	8.3 12.5#

Instrument :

BNA_N

ClientSampleId :

RE139D2-20201214



#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

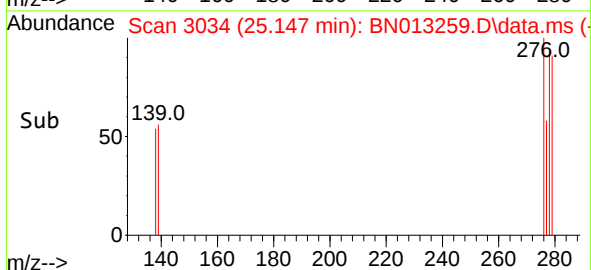
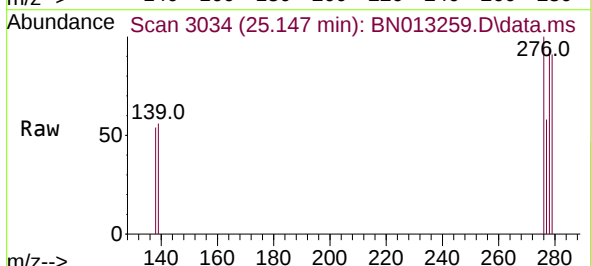
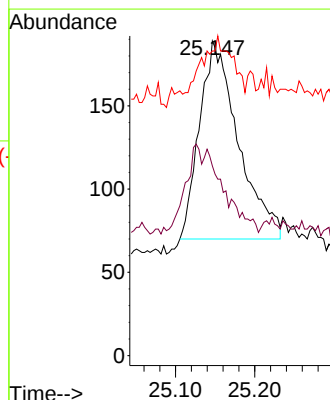
RT: 25.147 min Scan# 3034

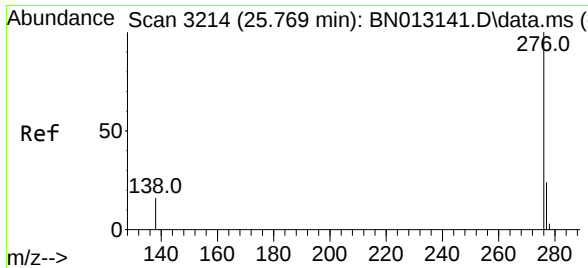
Delta R.T. -0.006 min

Lab File: BN013259.D

Acq: 22 Dec 2020 04:53

Tgt Ion:278	Resp:	406
Ion Ratio	Lower	Upper
278	100	
139	60.3	9.3 13.9#
279	96.8	21.6 32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.752 min Scan# 3211
Delta R.T. 0.004 min
Lab File: BN013259.D
Acq: 22 Dec 2020 04:53

Instrument :
BNA_N
ClientSampleId :
RE139D2-20201214

Tgt Ion:276 Resp: 650
Ion Ratio Lower Upper
276 100
277 50.8 19.8 29.8#
138 40.1 11.7 17.5#

