

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013275.D
 Acq On : 22 Dec 2020 16:24
 Operator : CG/JU
 Sample : L5124-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20201214

Quant Time: Dec 22 17:03:39 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)

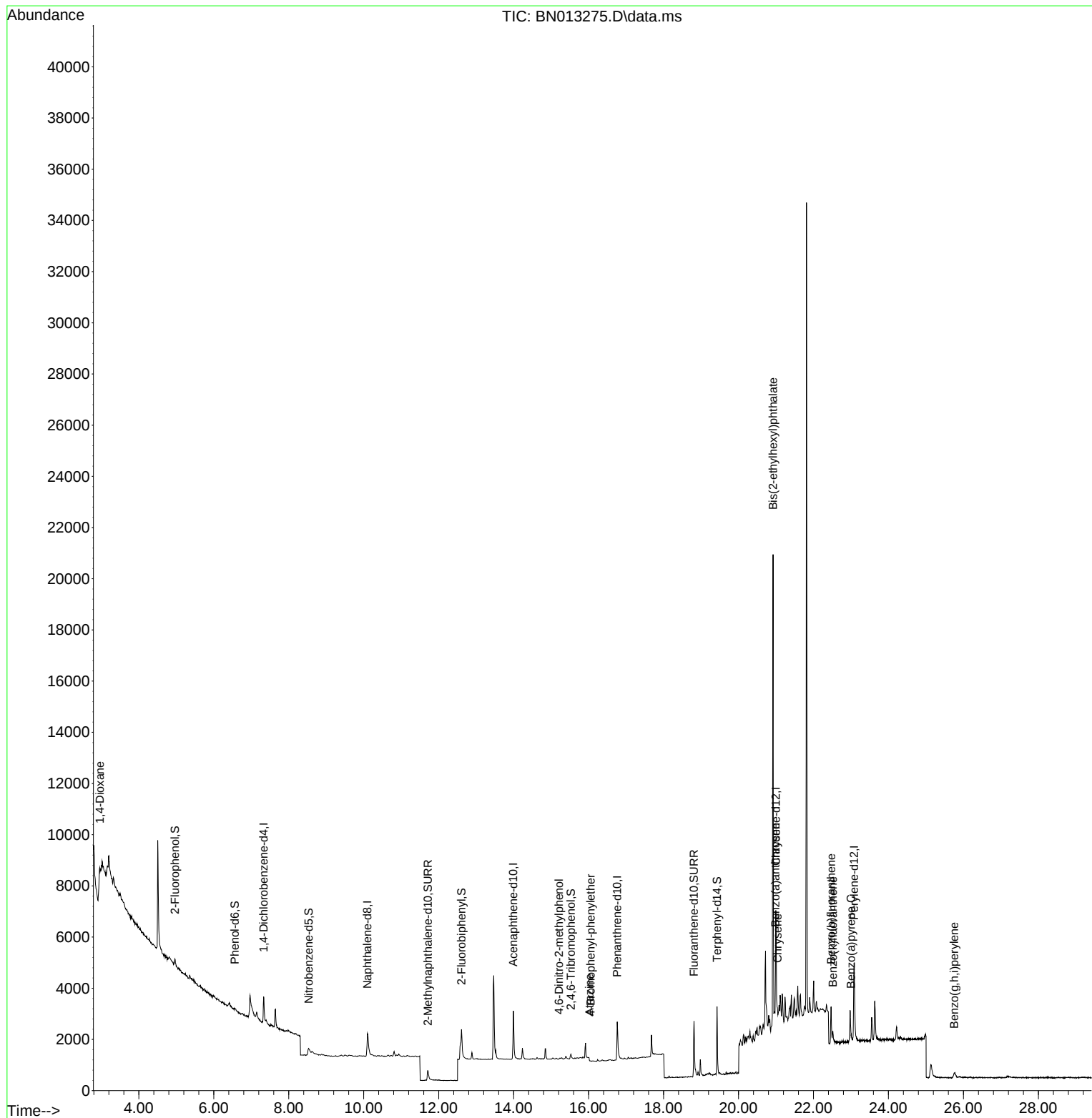
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	696	0.40	ng	0.00
7) Naphthalene-d8	10.099	136	2074	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1254	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3010	0.40	ng	# 0.00
29) Chrysene-d12	20.995	240	3844	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	4561	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	257	0.09	ng	0.00
5) Phenol-d6	6.557	99	142	0.05	ng	0.02
8) Nitrobenzene-d5	8.528	82	582	0.27	ng	0.03
11) 2-Methylnaphthalene-d10	11.710	152	967	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	190	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1424	0.27	ng	0.00
27) Fluoranthene-d10	18.811	212	3248	0.33	ng	0.00
31) Terphenyl-d14	19.426	244	3092	0.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.957	88	92	0.08	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.209	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.057	248	167	0.28	ng	# 70
23) Atrazine	16.021	200	173	0.10	ng	# 1
32) Benzo(a)anthracene	20.984	228	350	0.03	ng	# 55
33) Chrysene	21.037	228	423	0.03	ng	# 67
34) Bis(2-ethylhexyl)phtha...	20.921	149	15097	1.89	ng	96
37) Benzo(b)fluoranthene	22.472	252	579	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	413	0.02	ng	# 1
39) Benzo(a)pyrene	23.000	252	564	0.04	ng	# 1
41) Benzo(g,h,i)perylene	25.755	276	519	0.03	ng	# 21

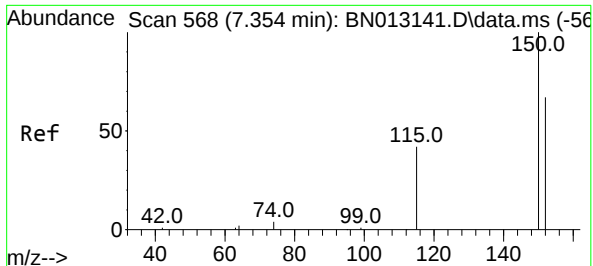
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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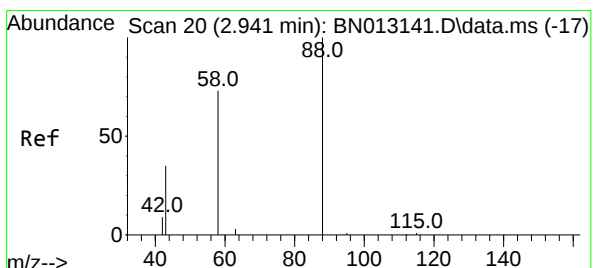
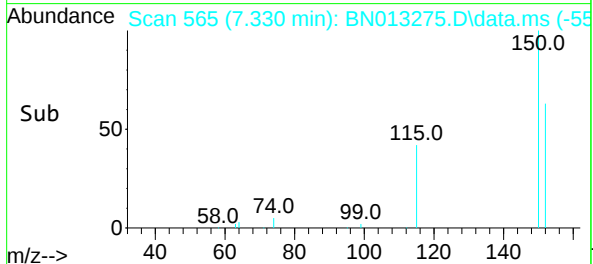
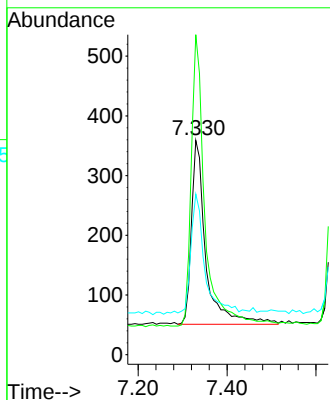
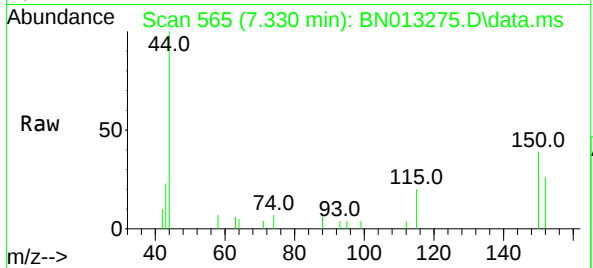




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

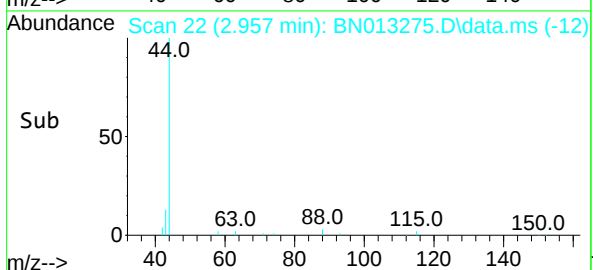
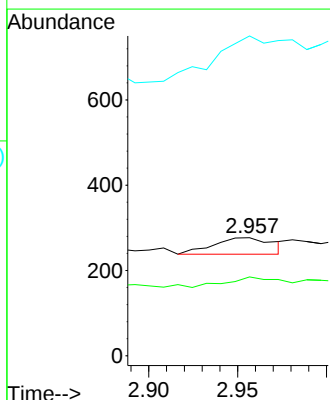
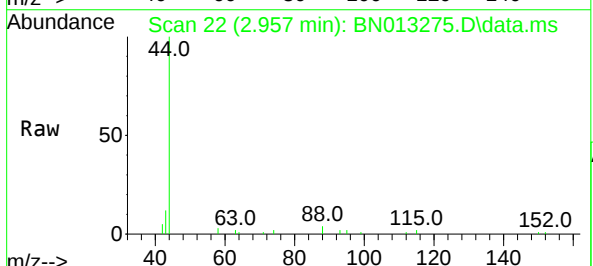
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

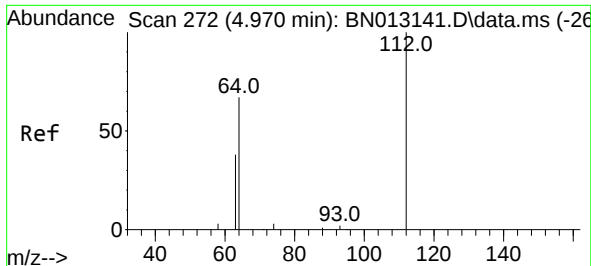
Tgt Ion:152 Resp: 696
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 74.9 52.9 79.3



#2
1,4-Dioxane
Concen: 0.08 ng
RT: 2.957 min Scan# 22
Delta R.T. 0.032 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion: 88 Resp: 92
Ion Ratio Lower Upper
88 100
58 55.4 59.4 89.2#
43 379.3 32.3 48.5#

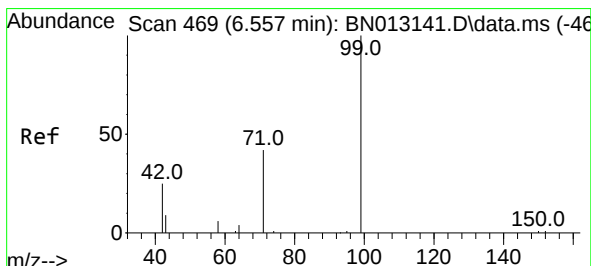
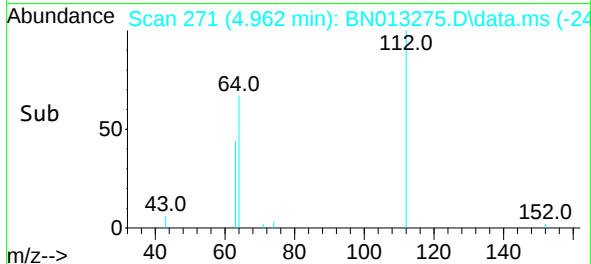
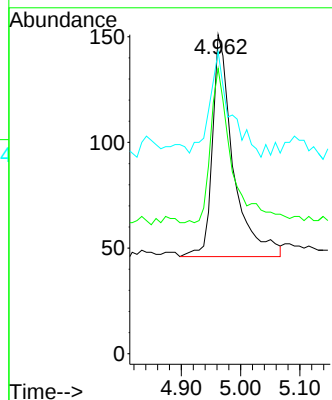
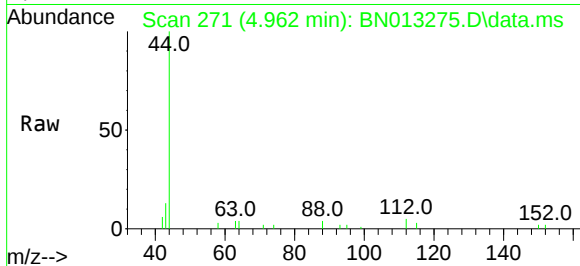




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

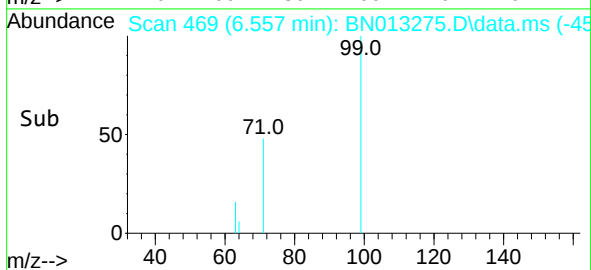
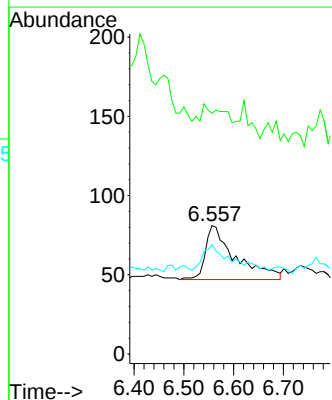
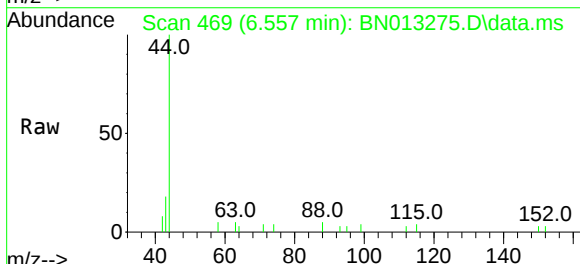
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

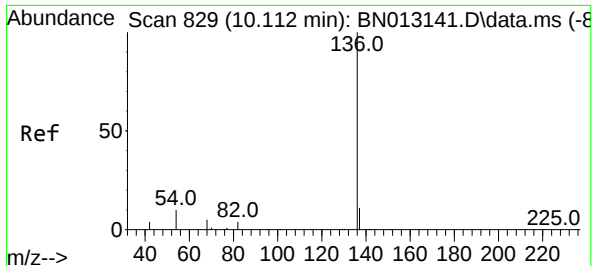
Tgt Ion:	112	Resp:	257
Ion Ratio	Lower	Upper	
112	100		
64	70.0	49.5	74.3
63	47.5	32.0	48.0



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:	99	Resp:	142
Ion Ratio	Lower	Upper	
99	100		
42	7.7	22.4	33.6#
71	35.9	37.8	56.6#

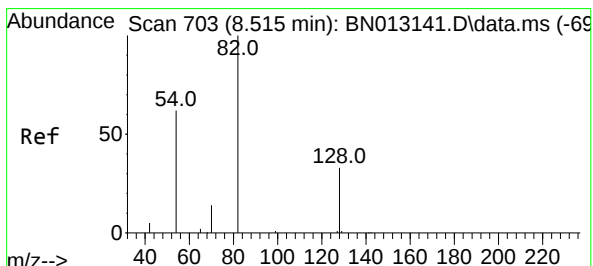
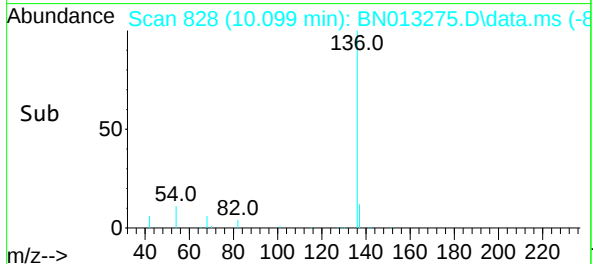
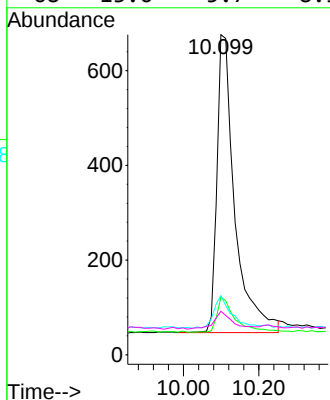
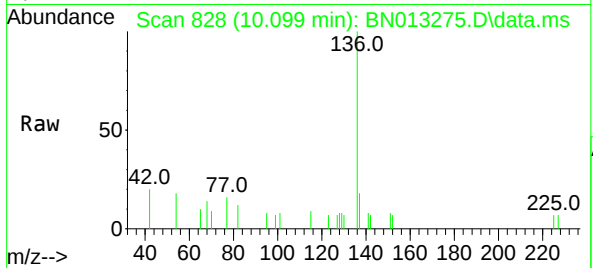




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

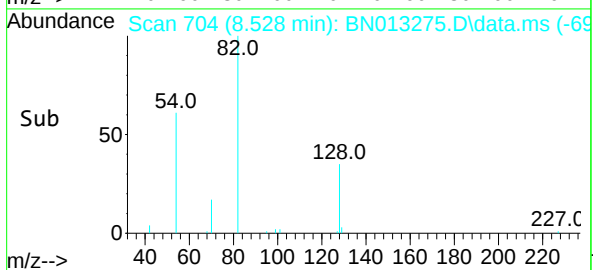
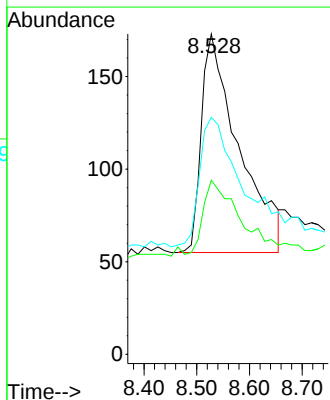
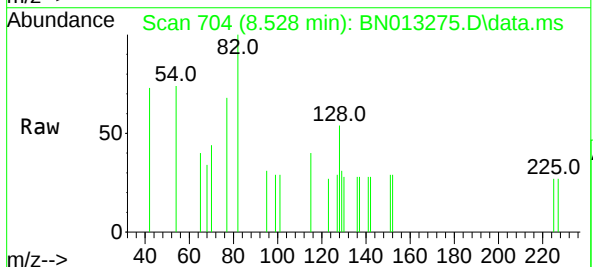
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

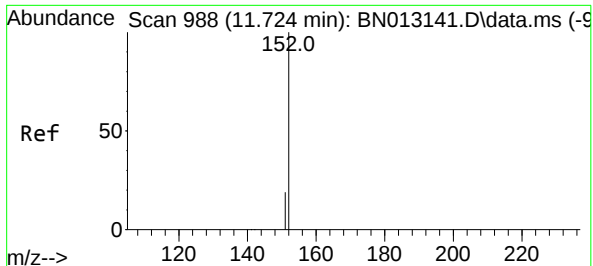
Tgt Ion:136	Resp:	2074
Ion Ratio	Lower	Upper
136	100	
137	18.0	10.6 15.8#
54	18.5	8.6 12.8#
68	13.6	5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.528 min Scan# 704
Delta R.T. 0.025 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion: 82	Resp:	582
Ion Ratio	Lower	Upper
82	100	
128	54.3	30.6 46.0#
54	74.0	48.3 72.5#

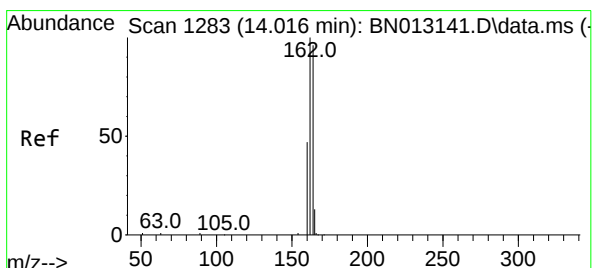
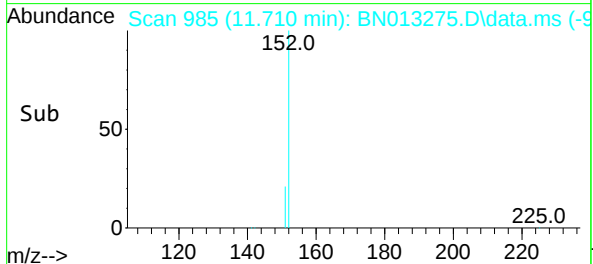
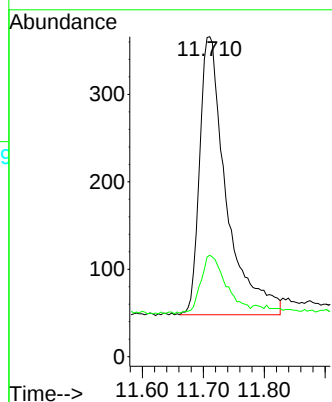
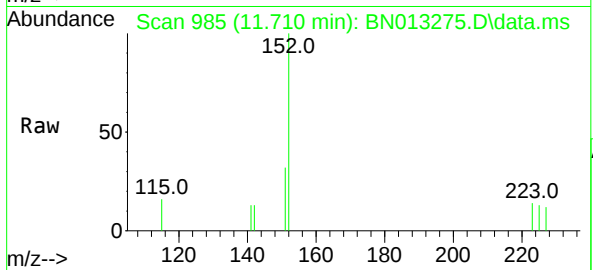




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.710 min Scan# 985
Delta R.T. 0.004 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

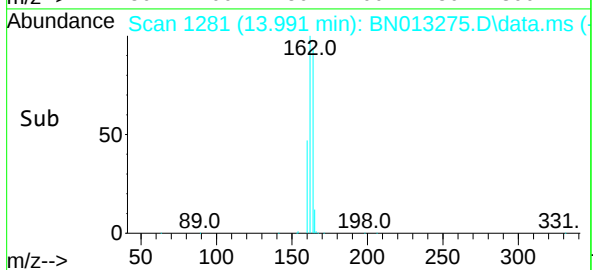
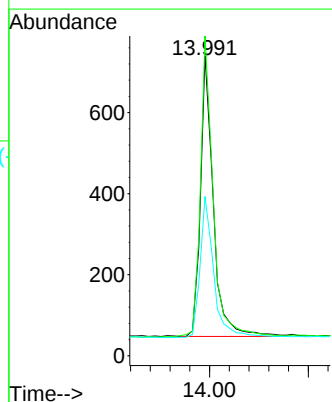
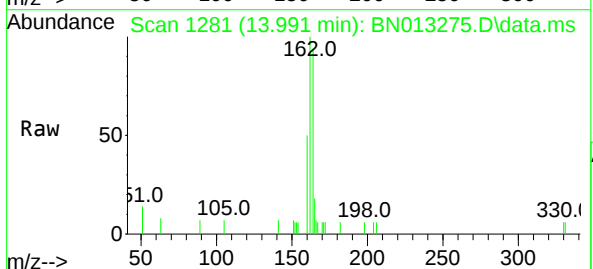
Instrument :
BNA_N
ClientSampleId :
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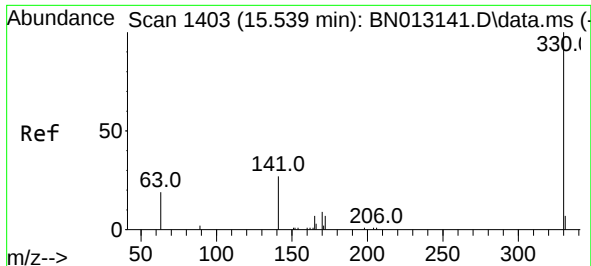
Tgt Ion:152 Resp: 967
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:164 Resp: 1254
Ion Ratio Lower Upper
164 100
162 106.6 80.6 120.8
160 53.1 39.5 59.3

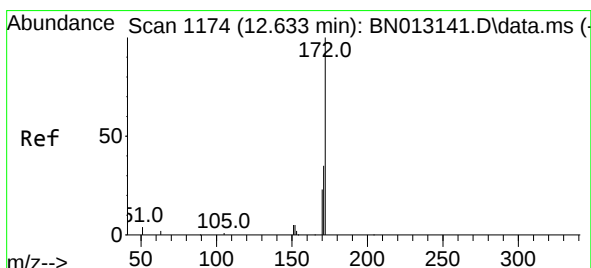
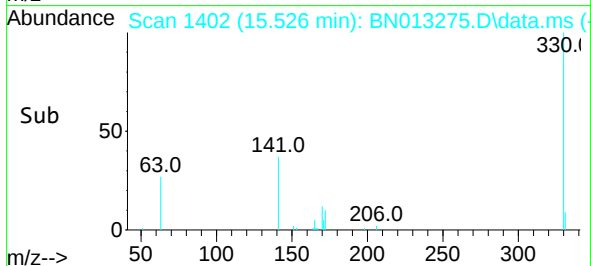
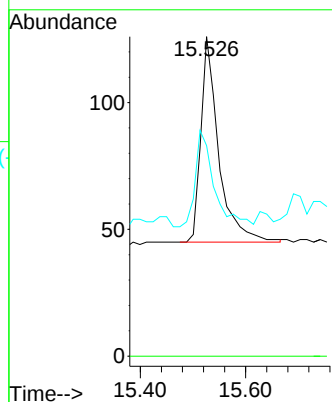
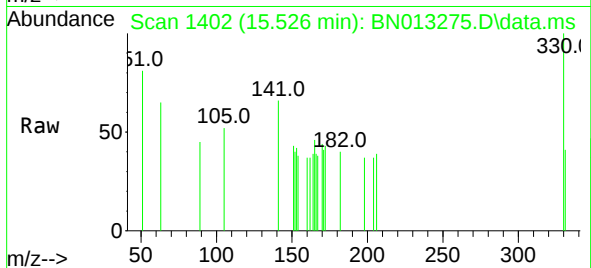




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

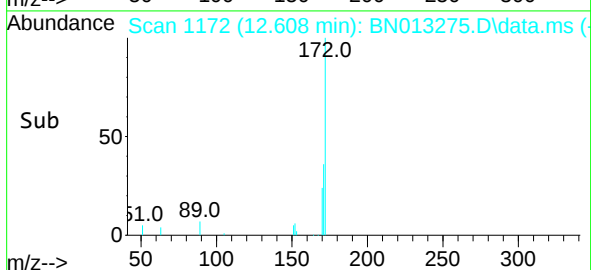
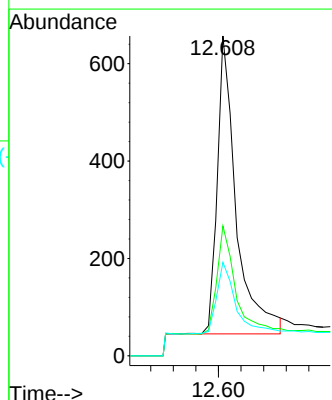
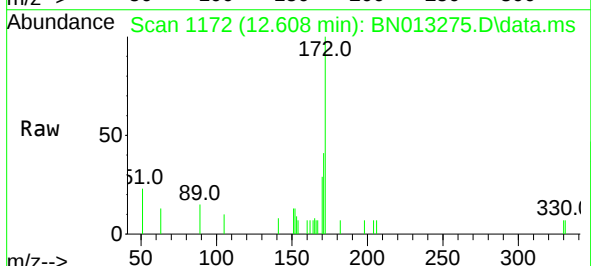
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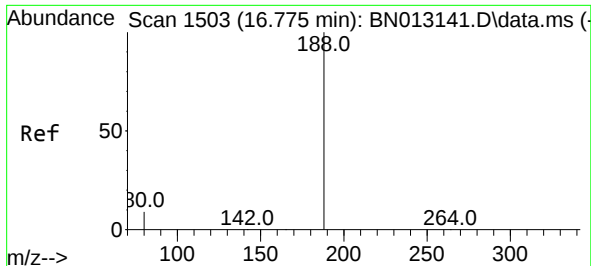
Tgt Ion:330 Resp: 190
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:172 Resp: 1424
Ion Ratio Lower Upper
172 100
171 40.6 28.2 42.4
170 29.2 20.0 30.0

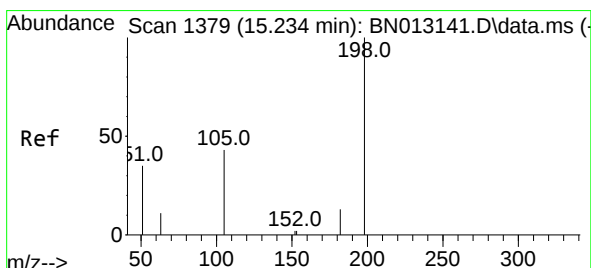
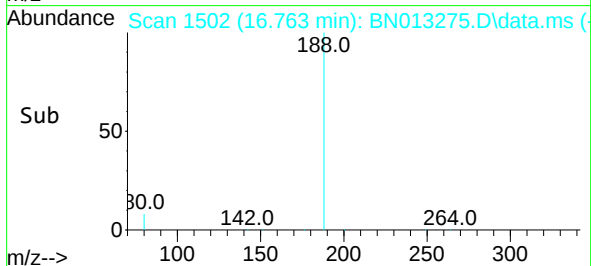
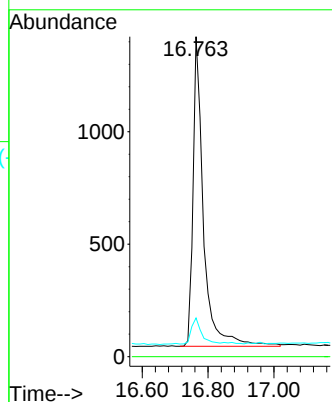
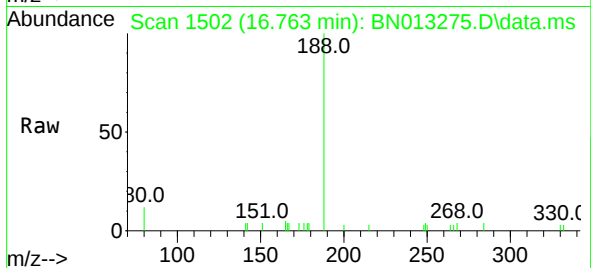




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

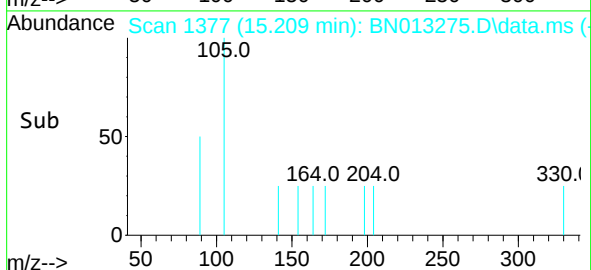
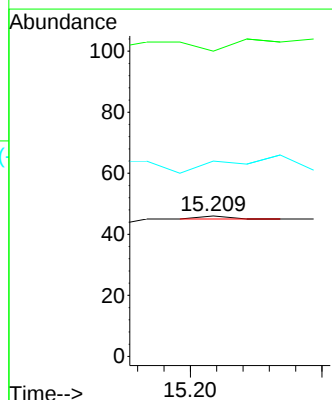
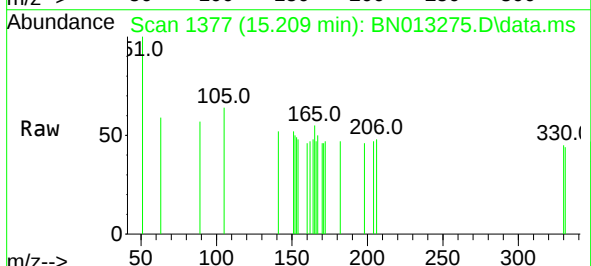
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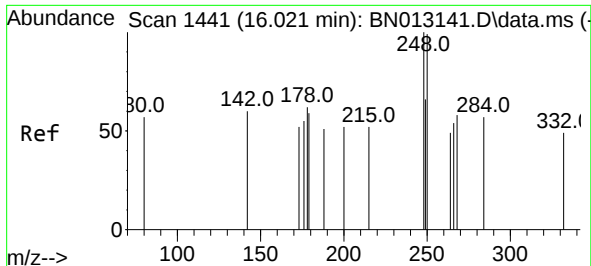
Tgt Ion:188 Resp: 3010
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.013 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

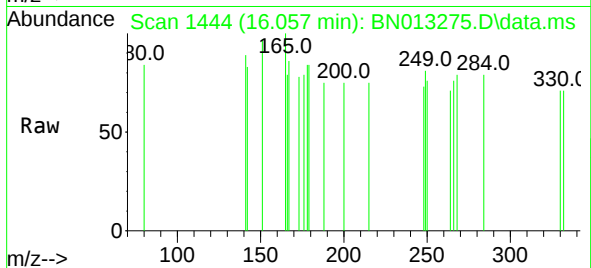
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 217.4 43.5 65.3#
105 139.1 27.2 40.8#



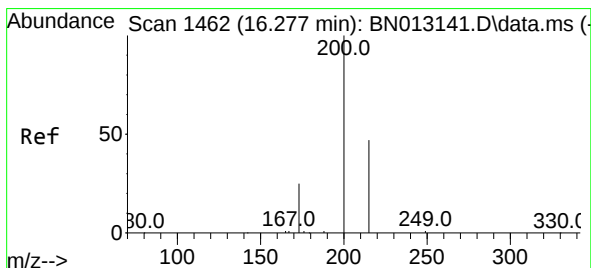
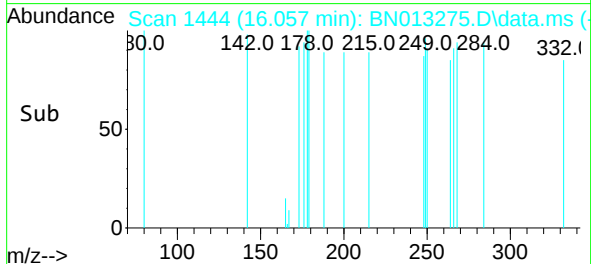
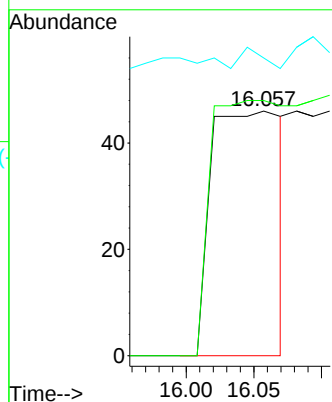


#21
4-Bromophenyl-phenylether
Concen: 0.28 ng
RT: 16.057 min Scan# 1444
Delta R.T. 0.036 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
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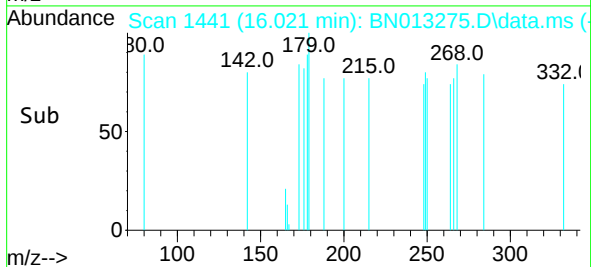
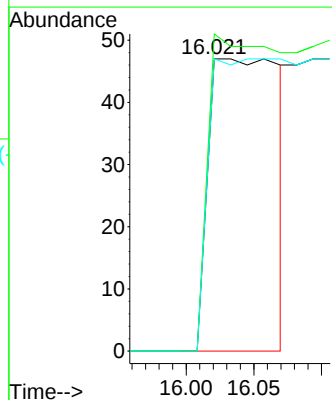
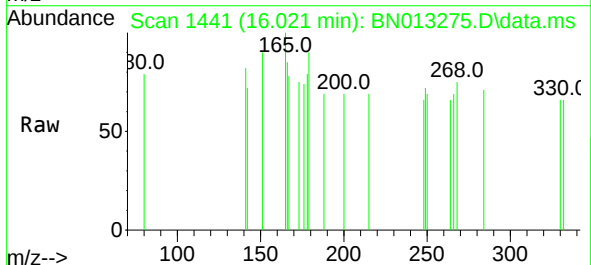


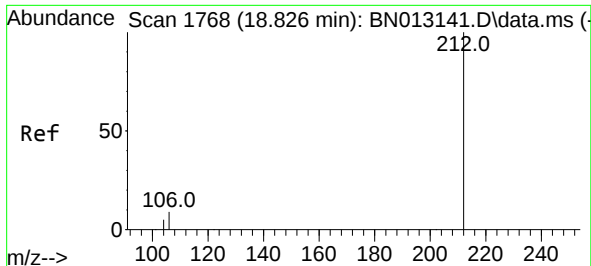
Tgt Ion:248 Resp: 167
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 121.7 57.8 86.8#



#23
Atrazine
Concen: 0.10 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.244 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:200 Resp: 173
Ion Ratio Lower Upper
200 100
173 108.5 22.8 34.2#
215 100.0 38.1 57.1#

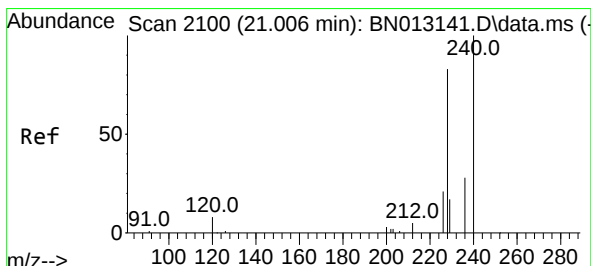
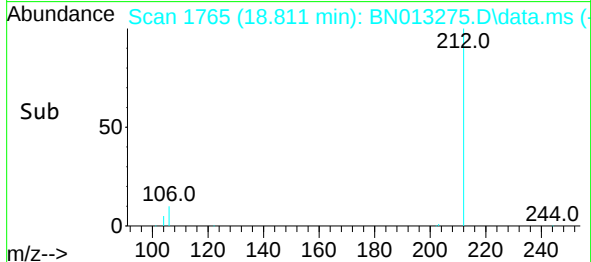
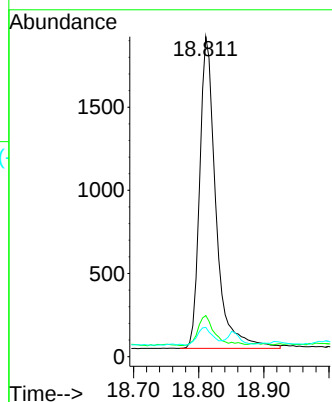
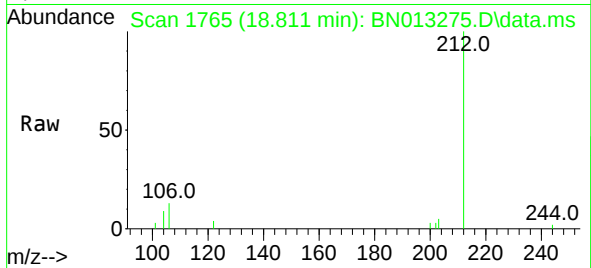




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

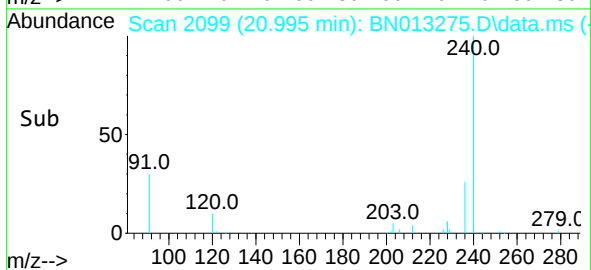
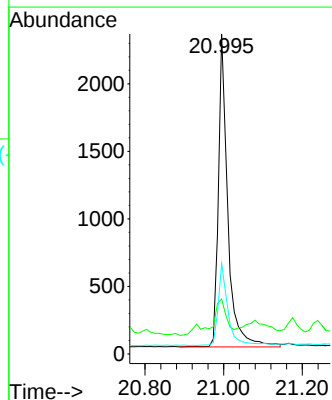
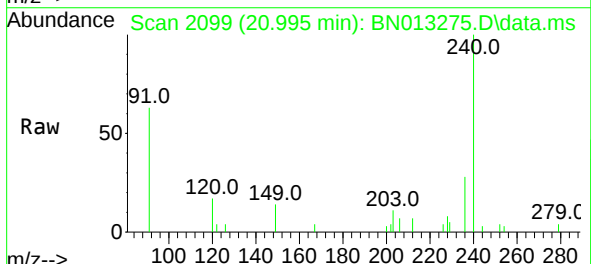
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

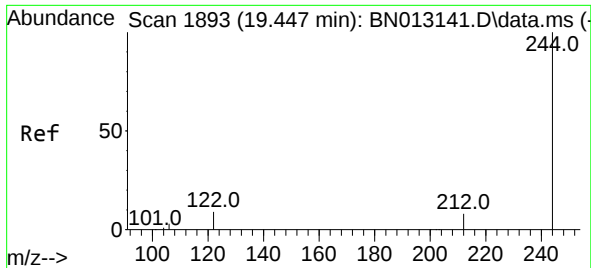
Tgt Ion:212 Resp: 3248
Ion Ratio Lower Upper
212 100
106 9.8 6.8 10.2
104 5.4 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

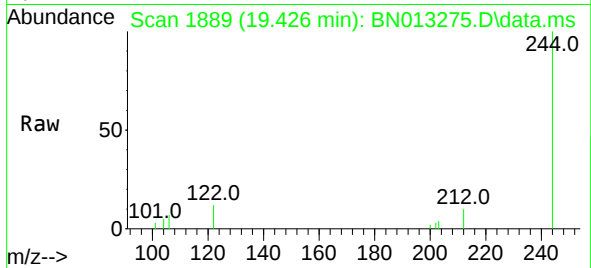
Tgt Ion:240 Resp: 3844
Ion Ratio Lower Upper
240 100
120 17.1 5.3 7.9#
236 28.2 21.8 32.8



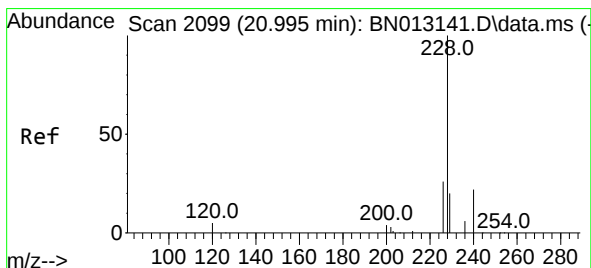
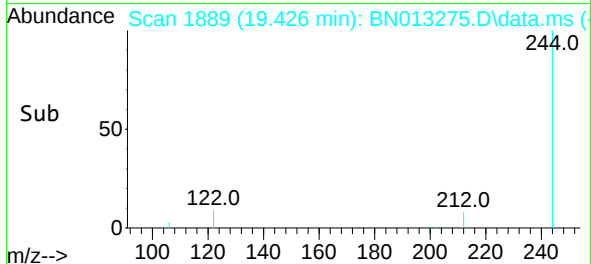
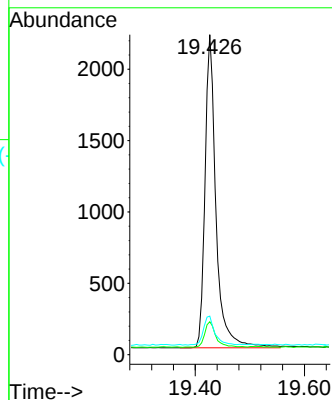


#31
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 19.426 min Scan# 1889
 Delta R.T. -0.005 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20201214

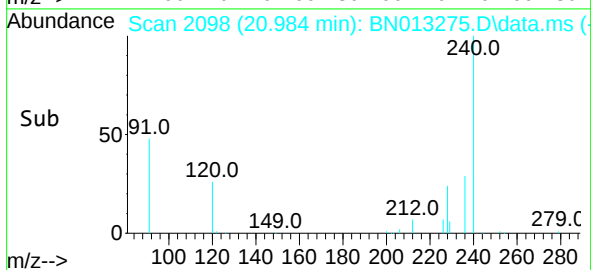
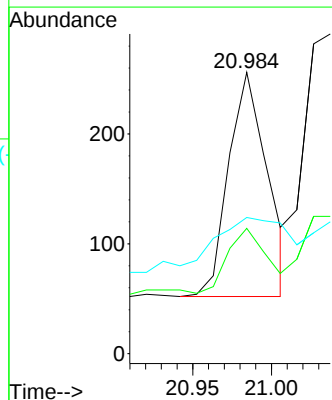
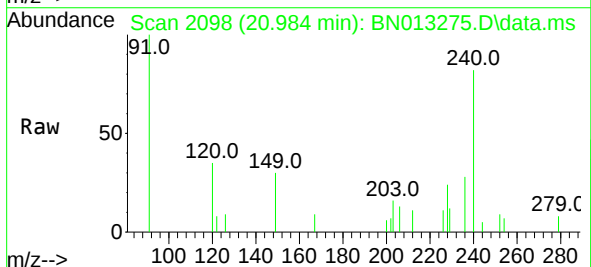


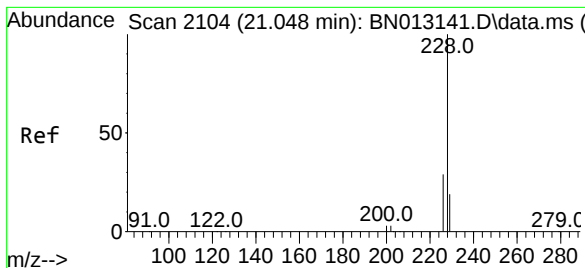
Tgt Ion:244 Resp: 3092
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.3 10.9
 122 12.0 7.3 10.9#



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 20.984 min Scan# 2098
 Delta R.T. -0.000 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24

Tgt Ion:228 Resp: 350
 Ion Ratio Lower Upper
 228 100
 226 44.5 22.3 33.5#
 229 48.4 15.7 23.5#





#33

Chrysene

Concen: 0.03 ng

RT: 21.037 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BN013275.D

Acq: 22 Dec 2020 16:24

Tgt Ion:228 Resp: 423

Ion Ratio Lower Upper

228 100

226 43.0 24.2 36.2#

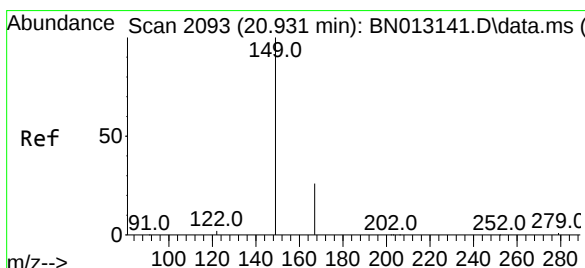
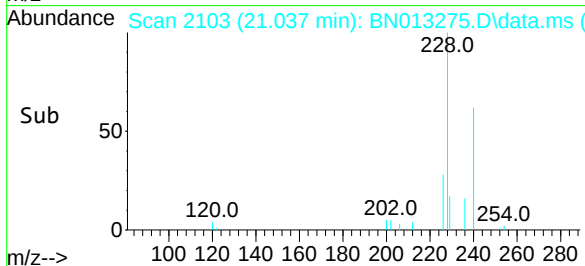
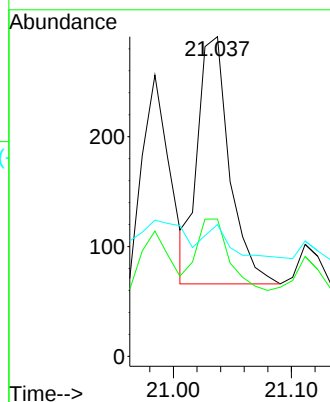
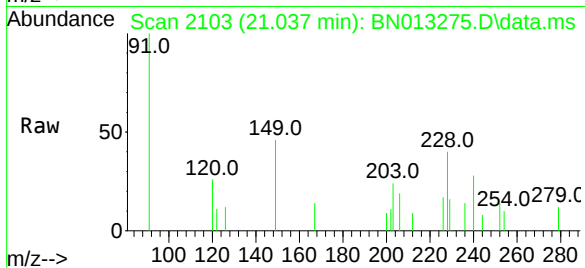
229 41.2 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

RE123D3-20201214



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.89 ng

RT: 20.921 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN013275.D

Acq: 22 Dec 2020 16:24

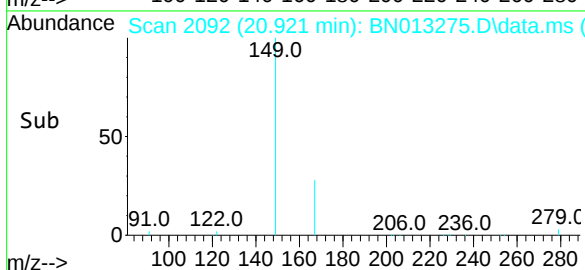
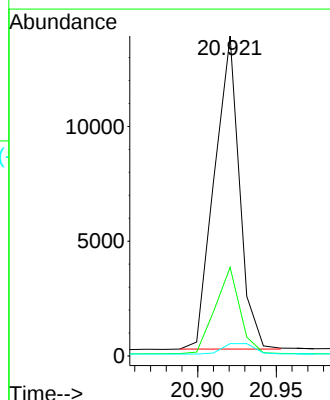
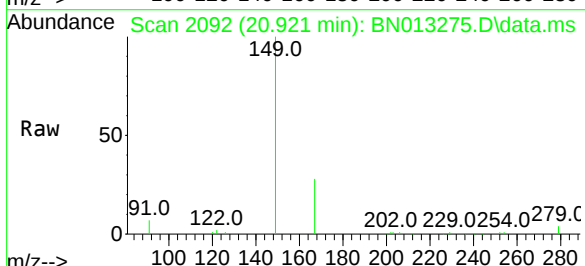
Tgt Ion:149 Resp: 15097

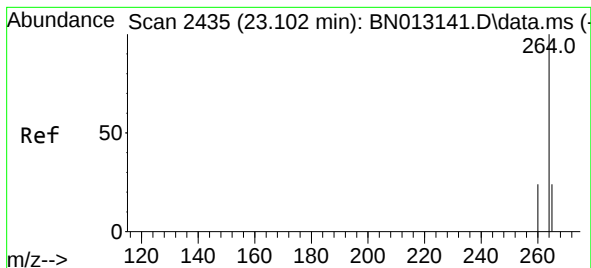
Ion Ratio Lower Upper

149 100

167 27.0 23.2 34.8

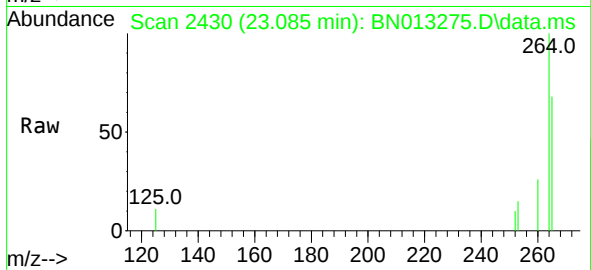
279 4.2 3.9 5.9



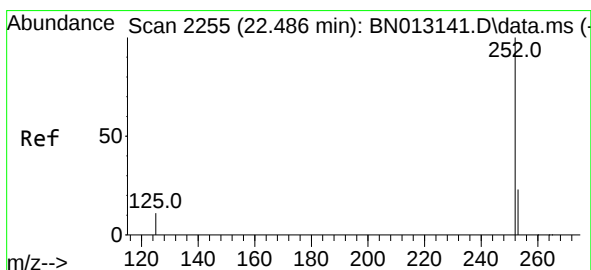
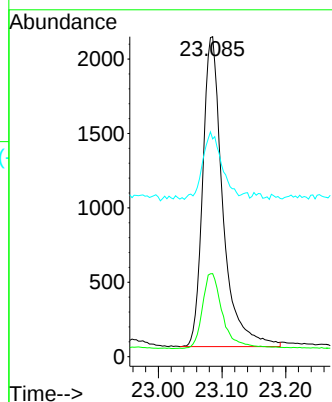
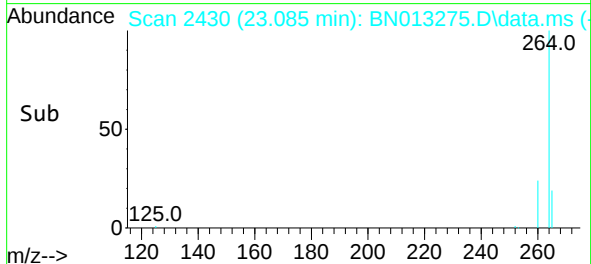


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.085 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24

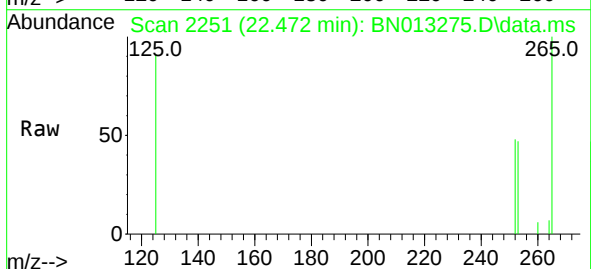
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20201214



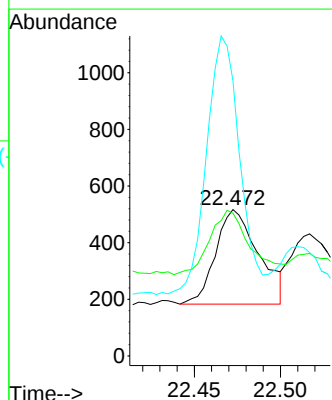
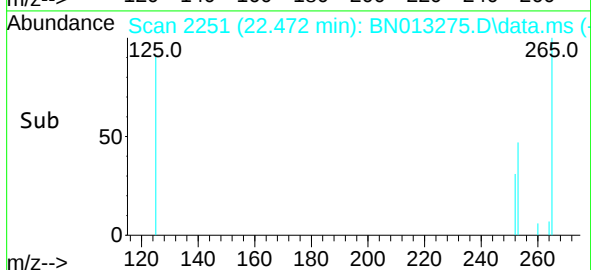
Tgt Ion:264 Resp: 4561
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.8 29.6
 265 68.0 51.4 77.0

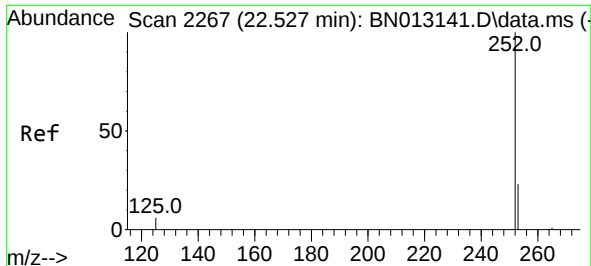


#37
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 22.472 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN013275.D
 Acq: 22 Dec 2020 16:24



Tgt Ion:252 Resp: 579
 Ion Ratio Lower Upper
 252 100
 253 97.5 20.1 30.1#
 125 187.8 7.2 10.8#

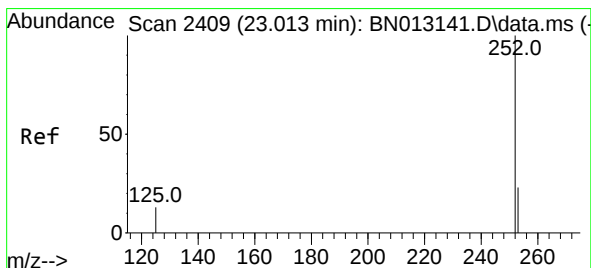
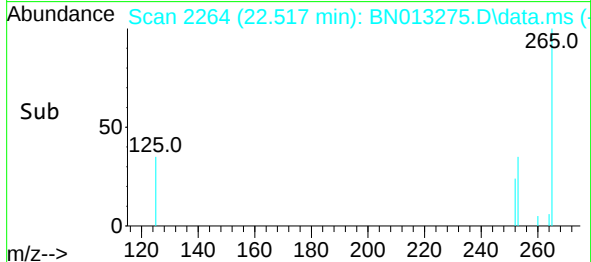
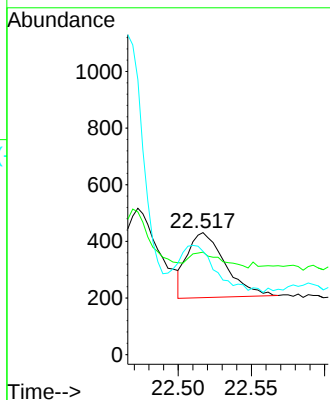
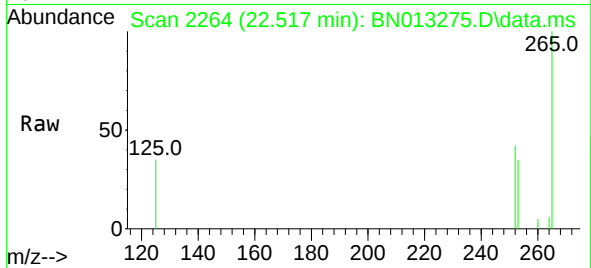




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.517 min Scan# 2264
Delta R.T. 0.003 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

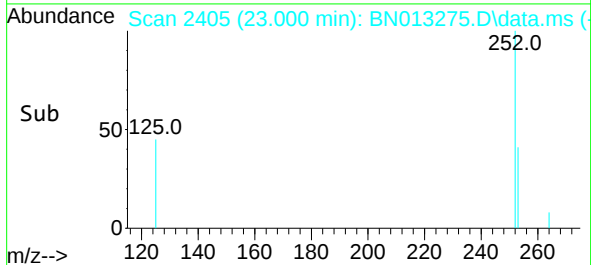
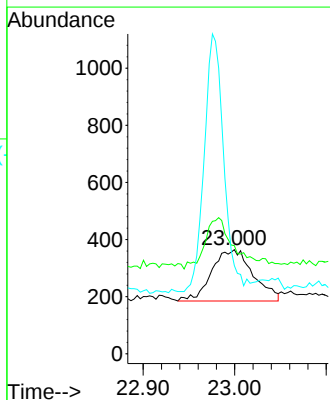
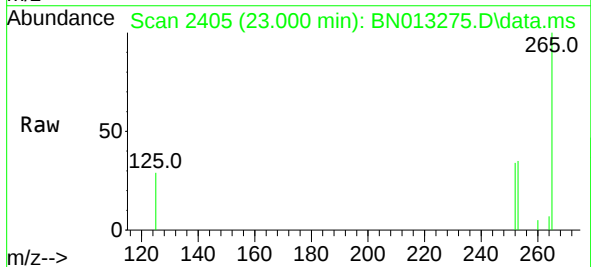
Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

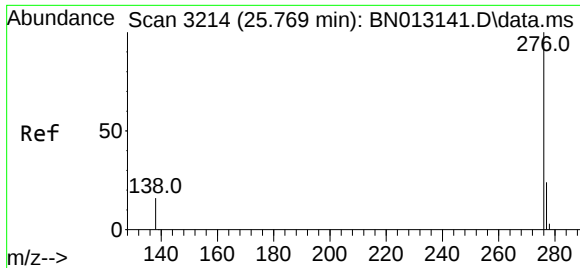
Tgt Ion:252 Resp: 413
Ion Ratio Lower Upper
252 100
253 84.0 19.8 29.8#
125 84.7 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.000 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Tgt Ion:252 Resp: 564
Ion Ratio Lower Upper
252 100
253 103.8 21.3 31.9#
125 84.7 8.3 12.5#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.013 min
Lab File: BN013275.D
Acq: 22 Dec 2020 16:24

Instrument :
BNA_N
ClientSampleId :
RE123D3-20201214

Tgt Ion:276 Resp: 519
Ion Ratio Lower Upper
276 100
277 59.2 19.8 29.8#
138 54.3 11.7 17.5#

