

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013263.D
 Acq On : 22 Dec 2020 09:11
 Operator : CG/JU
 Sample : PB133673BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

Quant Time: Dec 22 10:47:55 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)

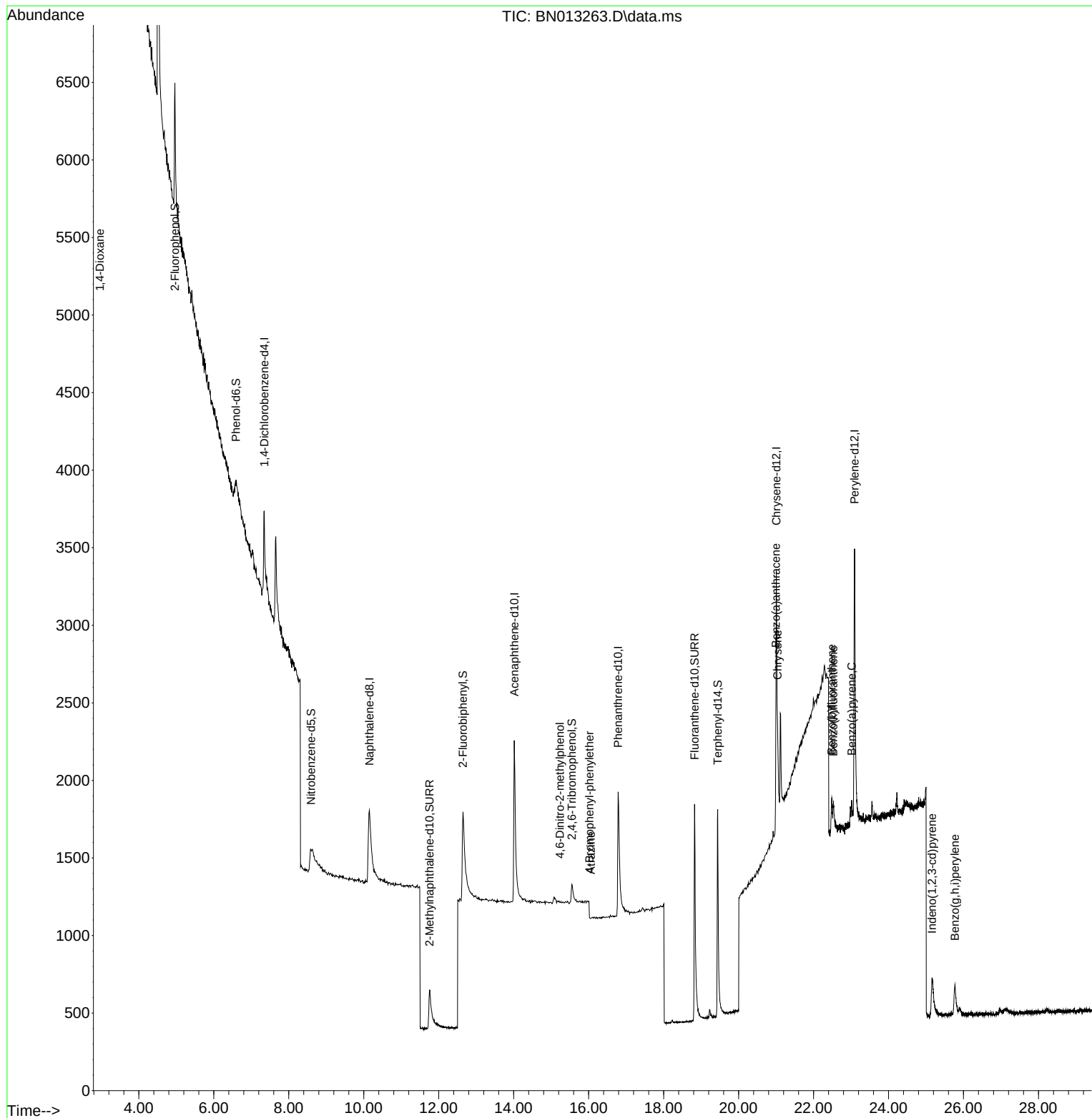
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	654	0.40	ng	# 0.02
7) Naphthalene-d8	10.150	136	1951	0.40	ng	# 0.05
13) Acenaphthene-d10	14.016	164	1263	0.40	ng	0.03
19) Phenanthrene-d10	16.788	188	2740	0.40	ng	# 0.02
29) Chrysene-d12	21.006	240	2612	0.40	ng	# 0.01
36) Perylene-d12	23.092	264	2948	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	876	0.33	ng	0.00
5) Phenol-d6	6.589	99	568	0.21	ng	0.05
8) Nitrobenzene-d5	8.591	82	502	0.25	ng	0.09
11) 2-Methylnaphthalene-d10	11.755	152	1049	0.30	ng	0.05
14) 2,4,6-Tribromophenol	15.552	330	200	0.25	ng	0.03
15) 2-Fluorobiphenyl	12.646	172	1351	0.26	ng	0.04
27) Fluoranthene-d10	18.826	212	2926	0.32	ng	0.00
31) Terphenyl-d14	19.442	244	2402	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	75	0.07	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.234	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.19	ng	# 80
23) Atrazine	16.057	200	201	0.12	ng	# 1
32) Benzo(a)anthracene	20.995	228	199	0.02	ng	# 42
33) Chrysene	21.038	228	321	0.03	ng	# 58
34) Bis(2-ethylhexyl)phtha...	20.921	149	70	Below Cal		# 67
35) Indeno(1,2,3-cd)pyrene	25.160	276	347	0.03	ng	# 54
37) Benzo(b)fluoranthene	22.483	252	321	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.531	252	355	0.03	ng	# 1
39) Benzo(a)pyrene	23.017	252	309	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.769	276	515	0.04	ng	# 31

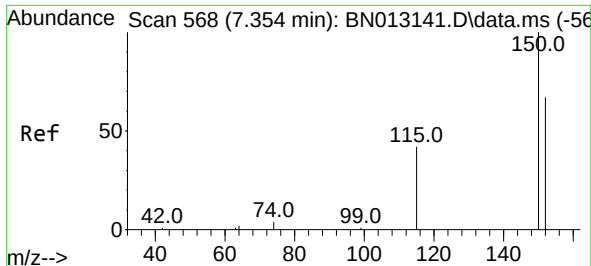
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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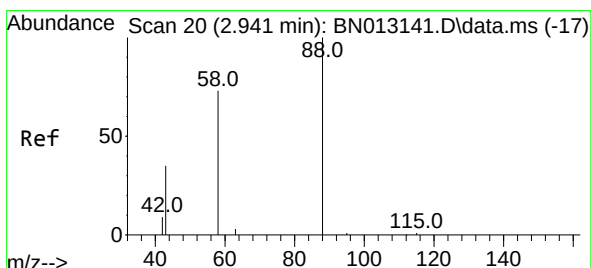
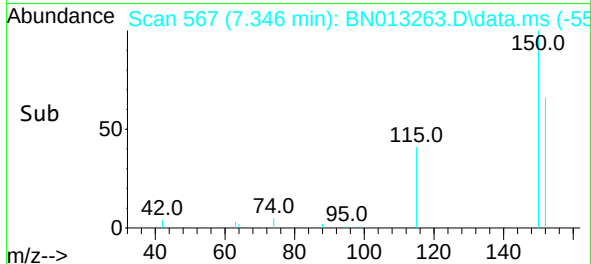
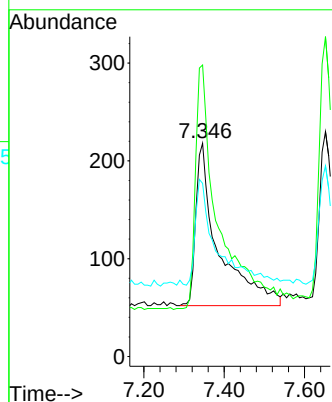
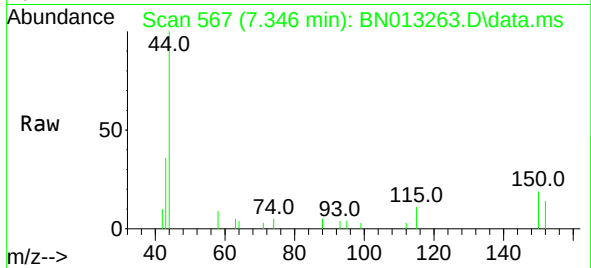




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.016 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

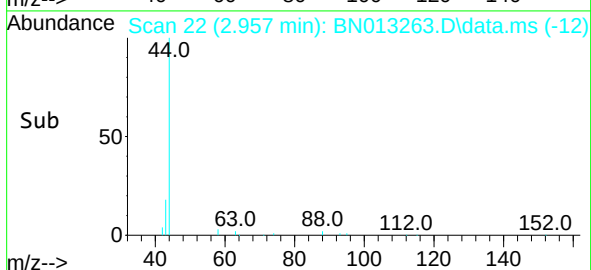
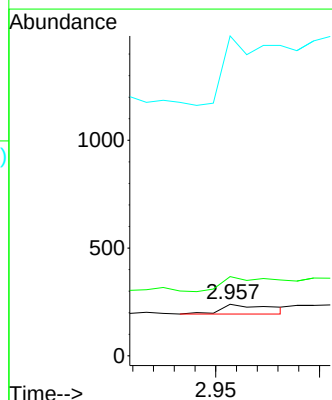
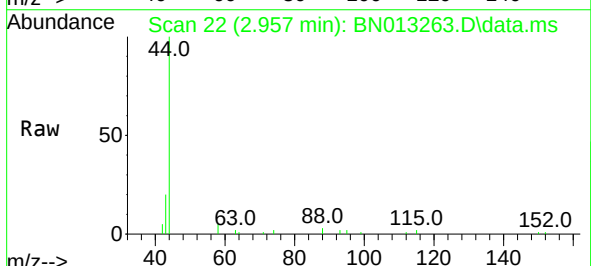
Instrument :
BNA_N
ClientSampleId :
PB133673BL

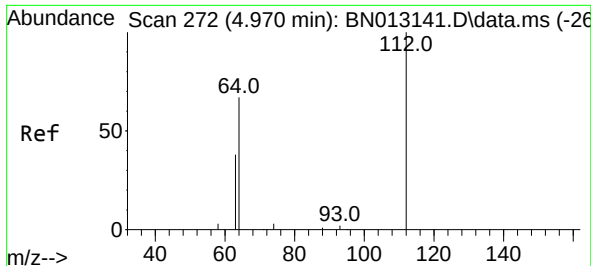
Tgt Ion:152 Resp: 654
Ion Ratio Lower Upper
152 100
150 136.7 116.6 174.8
115 81.2 52.9 79.3#



#2
1,4-Dioxane
Concen: 0.07 ng
RT: 2.957 min Scan# 22
Delta R.T. 0.032 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
58 192.0 59.4 89.2#
43 365.3 32.3 48.5#

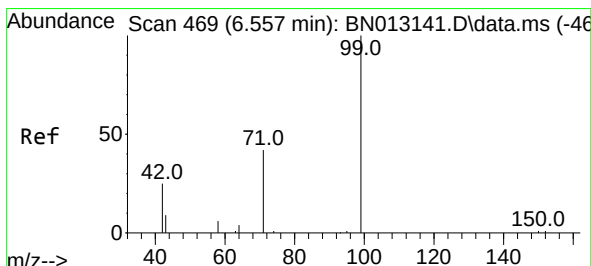
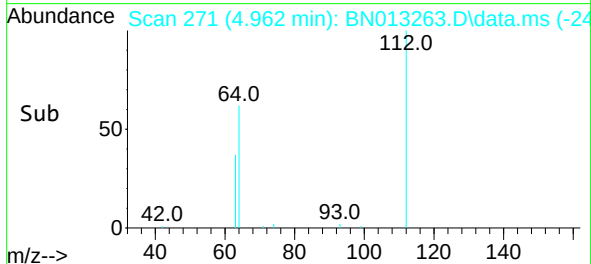
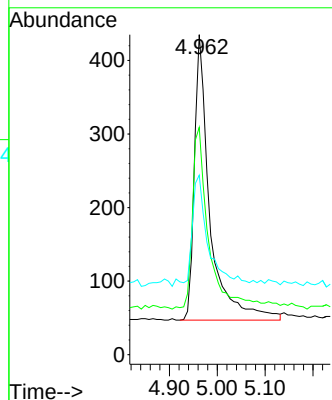
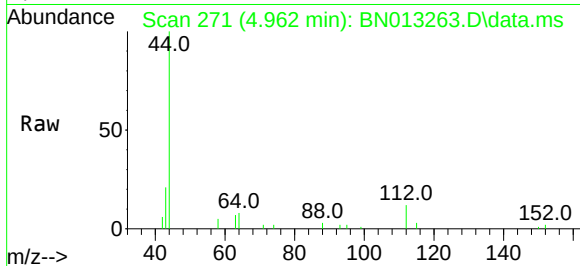




#4
2-Fluorophenol
Concen: 0.33 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

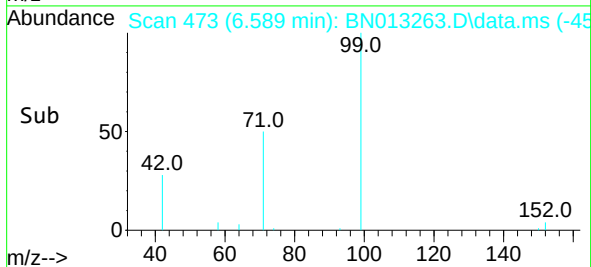
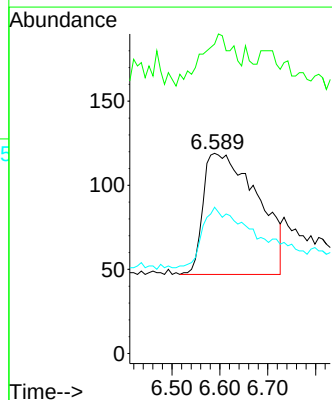
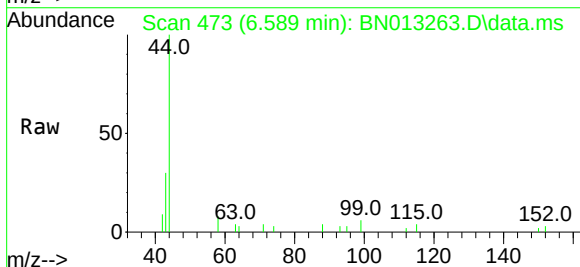
Instrument :
BNA_N
ClientSampleId :
PB133673BL

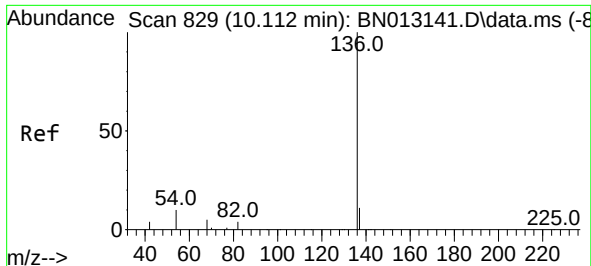
Tgt Ion:112 Resp: 876
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 40.9 32.0 48.0



#5
Phenol-d6
Concen: 0.21 ng
RT: 6.589 min Scan# 473
Delta R.T. 0.048 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion: 99 Resp: 568
Ion Ratio Lower Upper
99 100
42 25.4 22.4 33.6
71 42.3 37.8 56.6

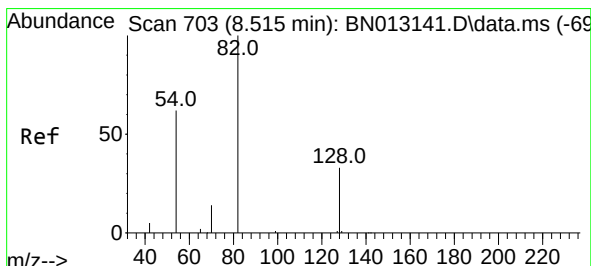
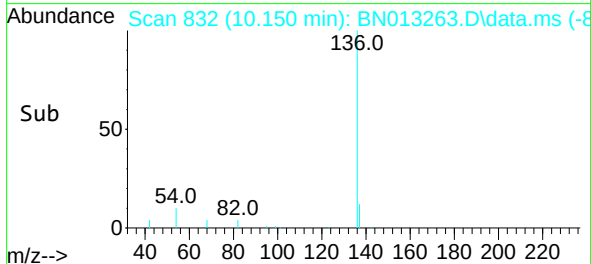
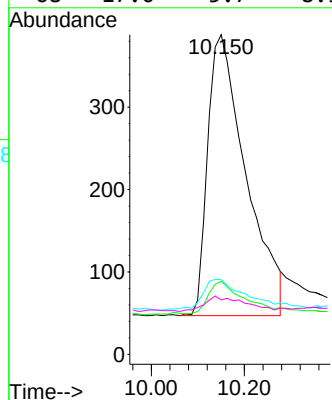
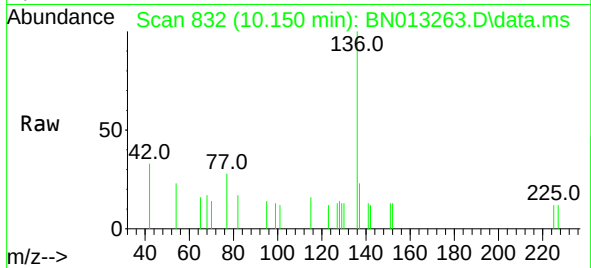




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.051 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

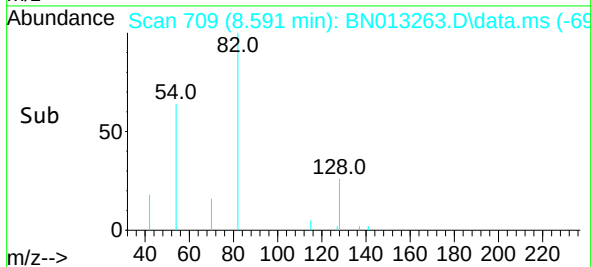
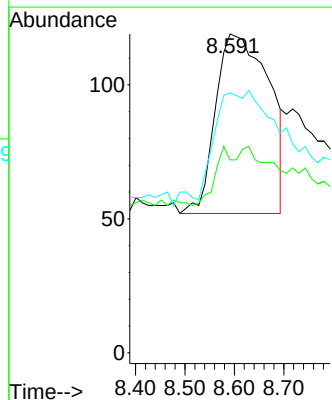
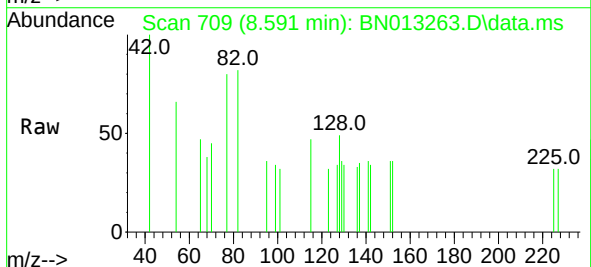
Instrument :
BNA_N
ClientSampleId :
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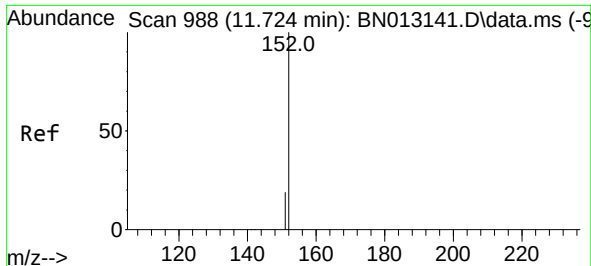
Tgt Ion:	136	Resp:	1951
Ion Ratio	Lower	Upper	
136	100		
137	22.9	10.6	15.8#
54	23.5	8.6	12.8#
68	17.0	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:	82	Resp:	502
Ion Ratio	Lower	Upper	
82	100		
128	60.5	30.6	46.0#
54	81.5	48.3	72.5#

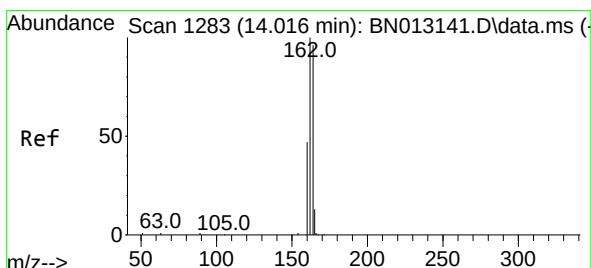
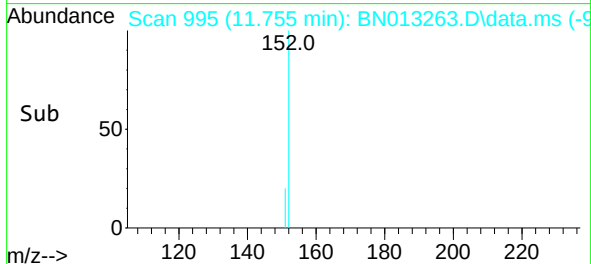
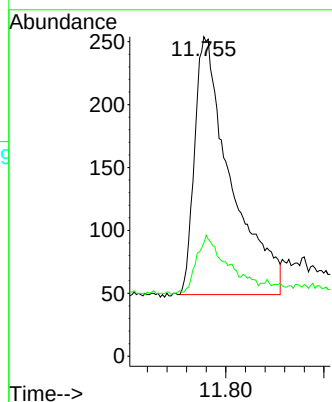
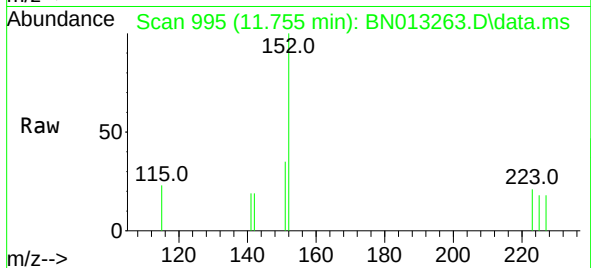




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.755 min Scan# 995
Delta R.T. 0.049 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

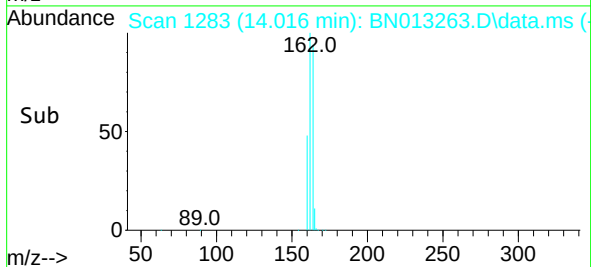
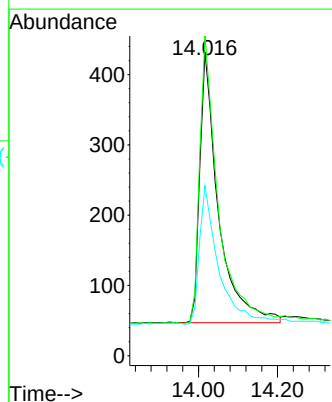
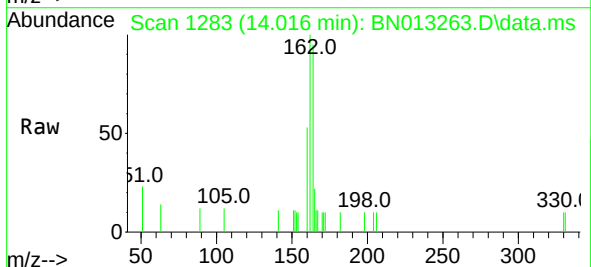
Instrument :
BNA_N
ClientSampleId :
PB133673BL

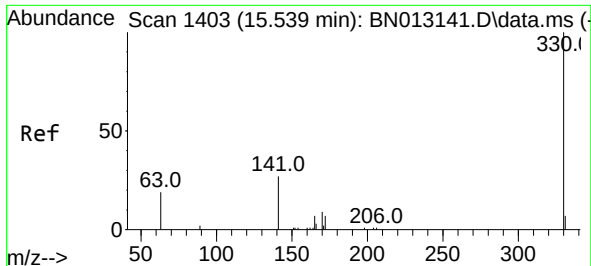
Tgt Ion:152 Resp: 1049
Ion Ratio Lower Upper
152 100
151 18.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.025 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:164 Resp: 1263
Ion Ratio Lower Upper
164 100
162 105.3 80.6 120.8
160 56.0 39.5 59.3

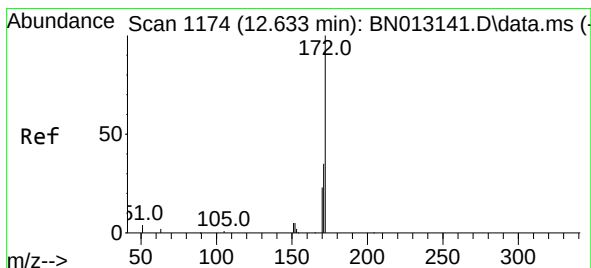
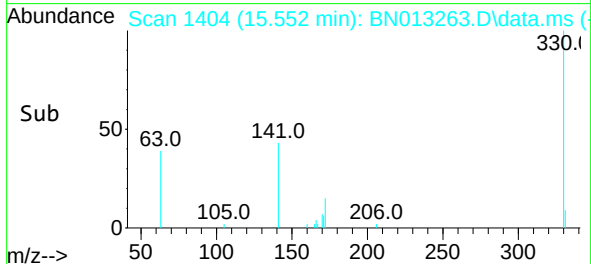
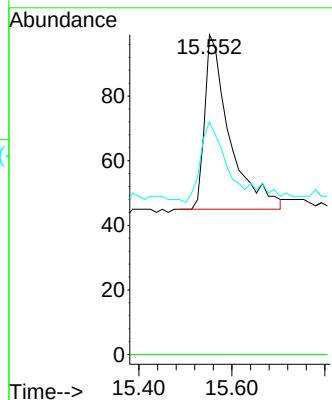
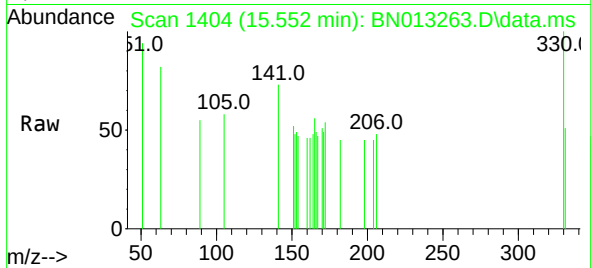




#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.025 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

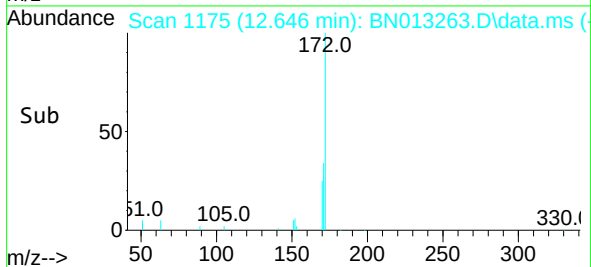
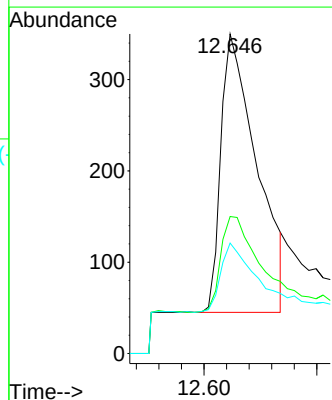
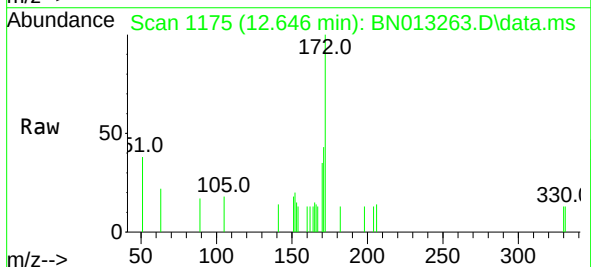
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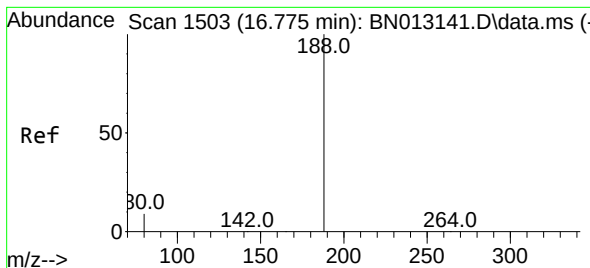
Tgt Ion:330 Resp: 200
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.5 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.038 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:172 Resp: 1351
Ion Ratio Lower Upper
172 100
171 42.9 28.2 42.4#
170 34.6 20.0 30.0#

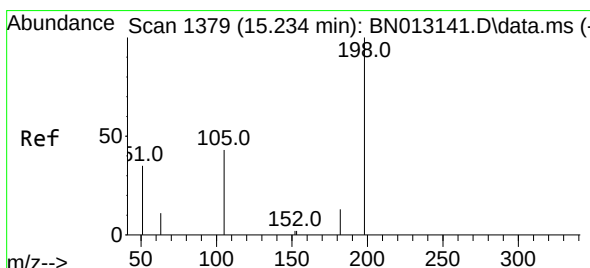
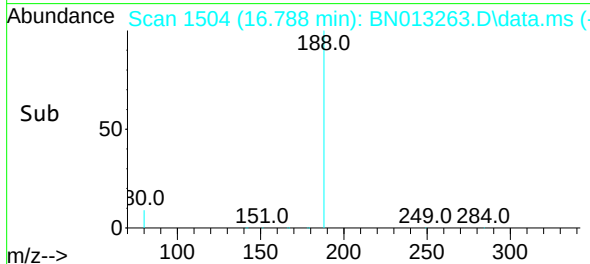
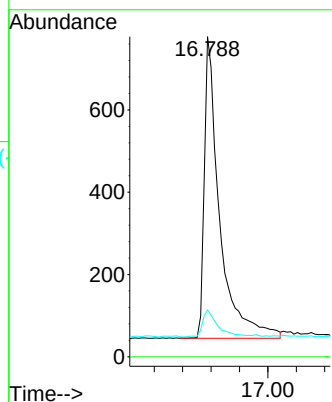
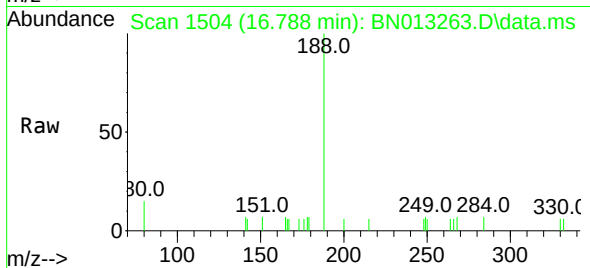




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.024 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

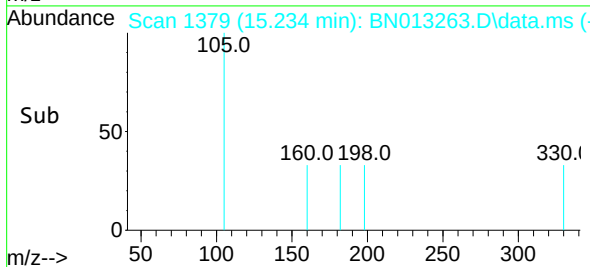
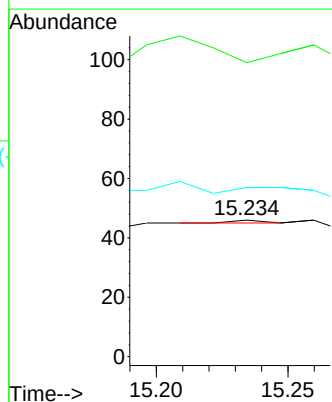
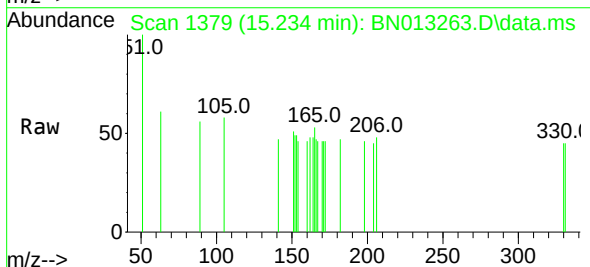
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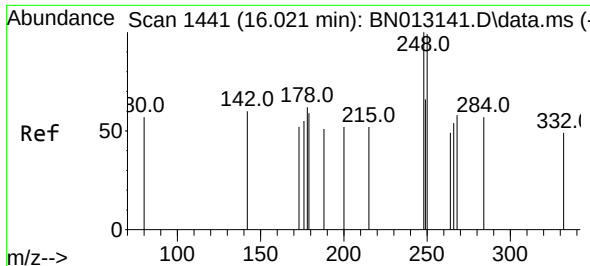
Tgt Ion:188 Resp: 2740
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.013 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 215.2 43.5 65.3#
105 123.9 27.2 40.8#

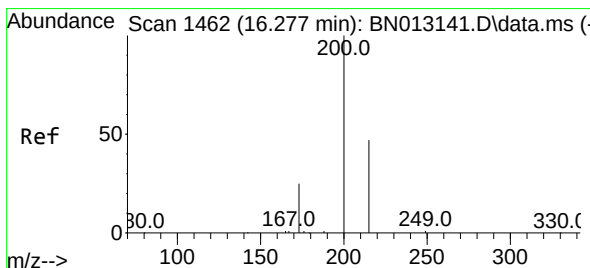
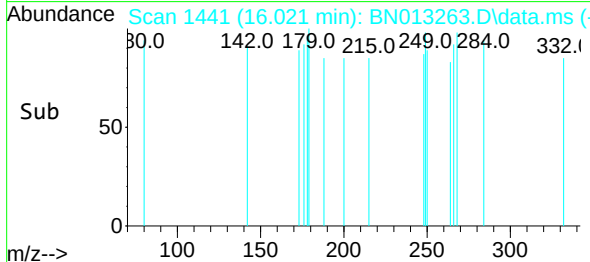
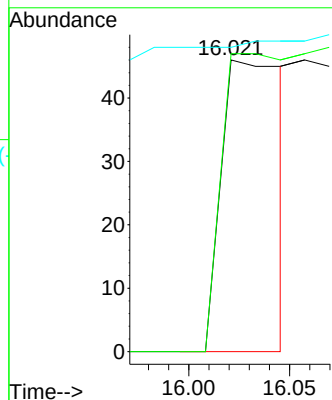
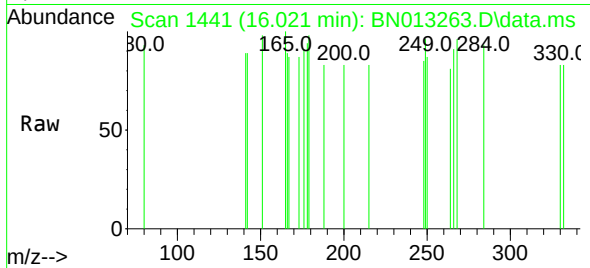




#21
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

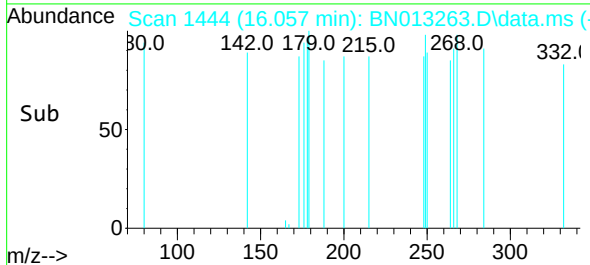
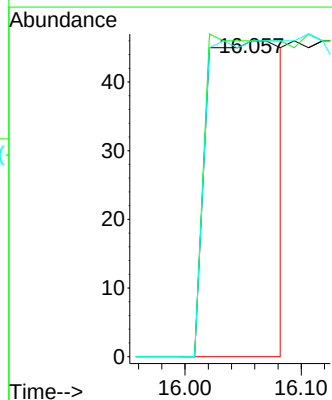
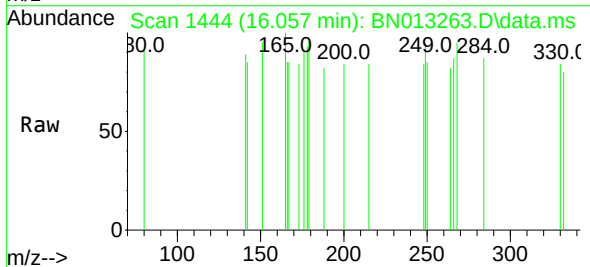
Instrument :
BNA_N
ClientSampleId :
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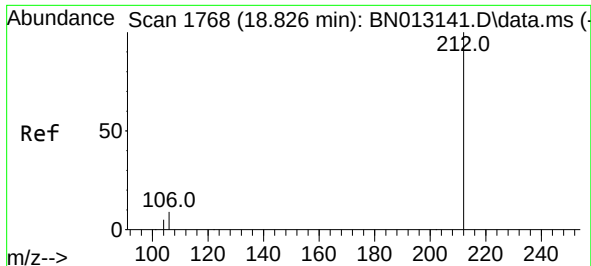
Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 104.3 57.8 86.8#



#23
Atrazine
Concen: 0.12 ng
RT: 16.057 min Scan# 1444
Delta R.T. -0.207 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:200 Resp: 201
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 100.0 38.1 57.1#

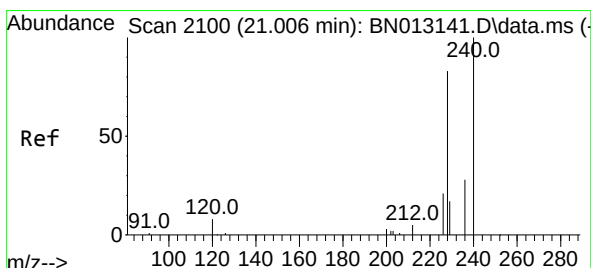
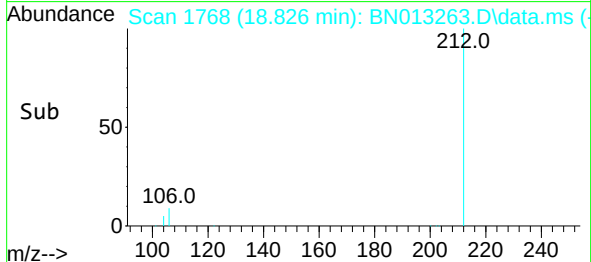
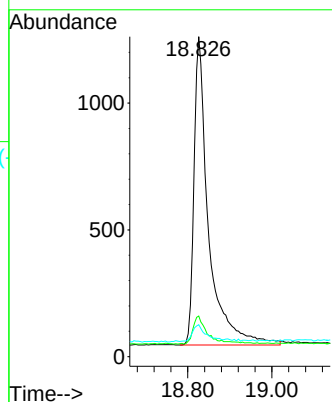
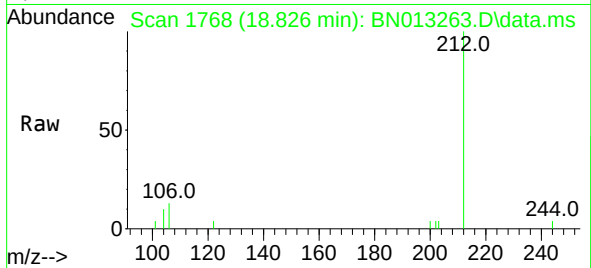




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.826 min Scan# 1768
Delta R.T. 0.010 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

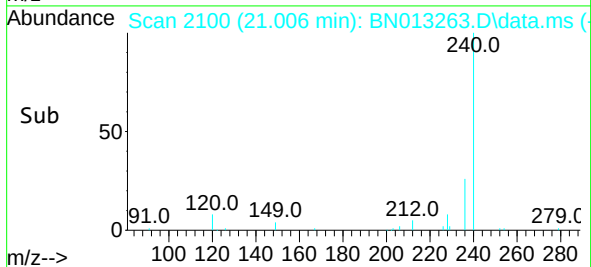
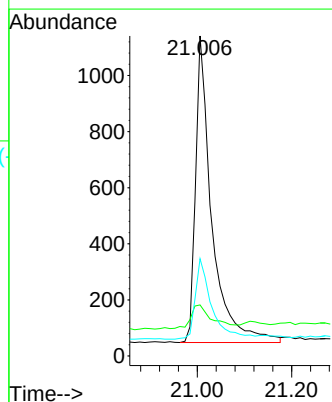
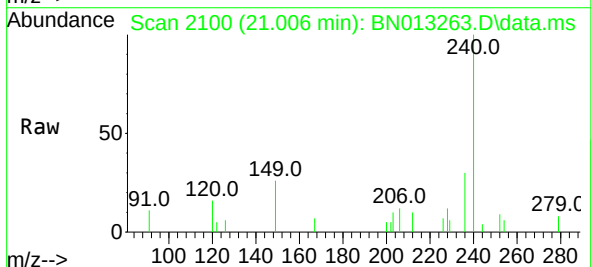
Instrument :
BNA_N
ClientSampleId :
PB133673BL

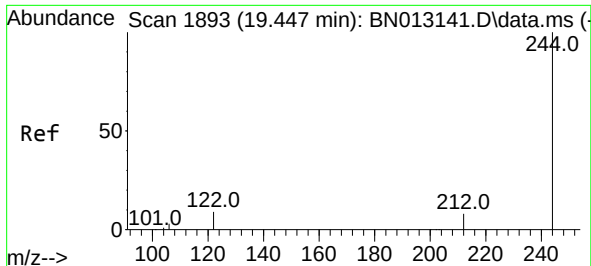
Tgt Ion:212	Resp:	2926
Ion Ratio	Lower	Upper
212	100	
106	9.2	6.8 10.2
104	5.0	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

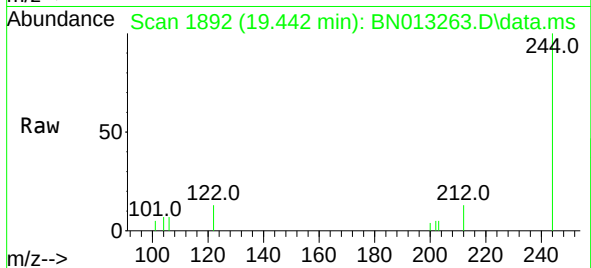
Tgt Ion:240	Resp:	2612
Ion Ratio	Lower	Upper
240	100	
120	16.0	5.3 7.9#
236	30.4	21.8 32.8



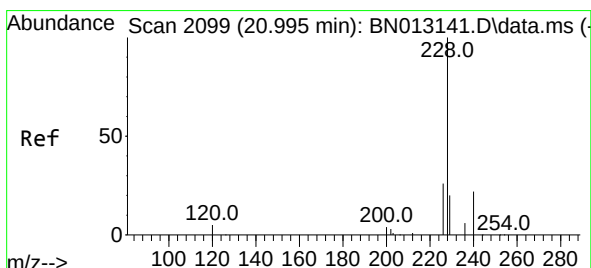
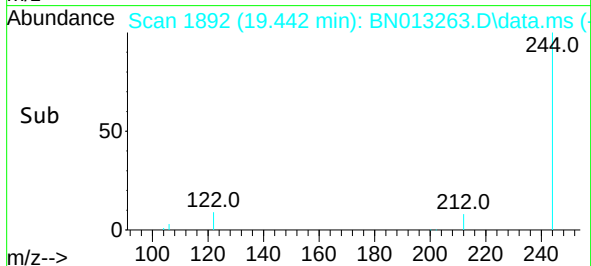
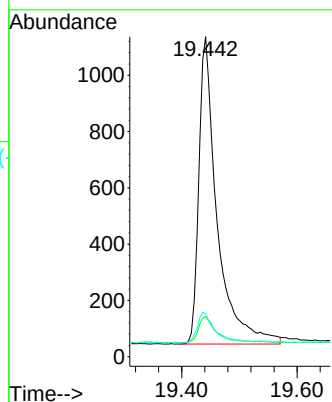


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.442 min Scan# 1892
Delta R.T. 0.010 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Instrument :
BNA_N
ClientSampleId :
PB133673BL

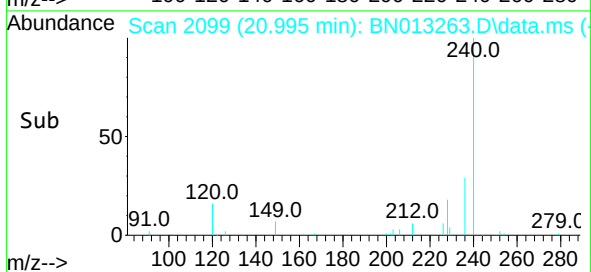
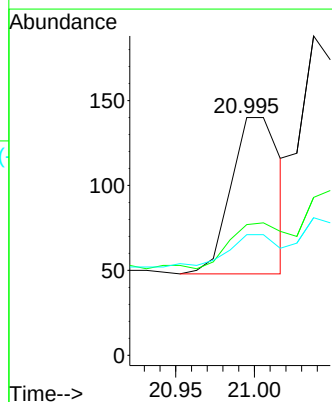
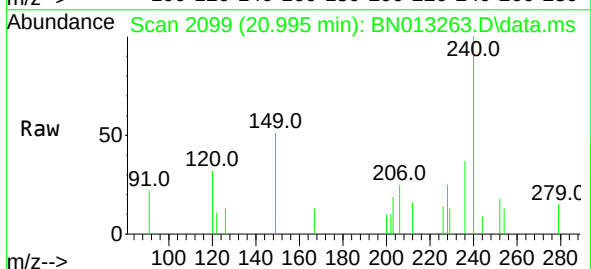


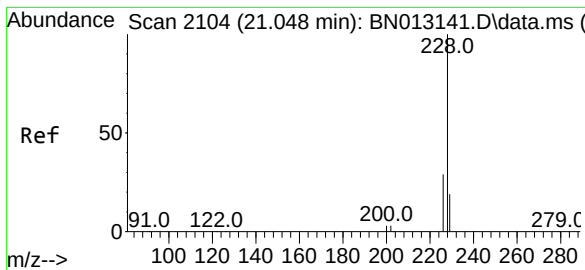
Tgt Ion:244 Resp: 2402
Ion Ratio Lower Upper
244 100
212 12.6 7.3 10.9#
122 13.5 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 20.995 min Scan# 2099
Delta R.T. 0.011 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:228 Resp: 199
Ion Ratio Lower Upper
228 100
226 55.0 22.3 33.5#
229 50.7 15.7 23.5#





#33

Chrysene

Concen: 0.03 ng

RT: 21.038 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BN013263.D

Acq: 22 Dec 2020 09:11

Tgt Ion:228 Resp: 321

Ion Ratio Lower Upper

228 100

226 49.5 24.2 36.2#

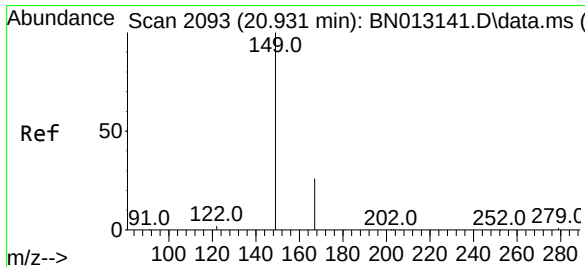
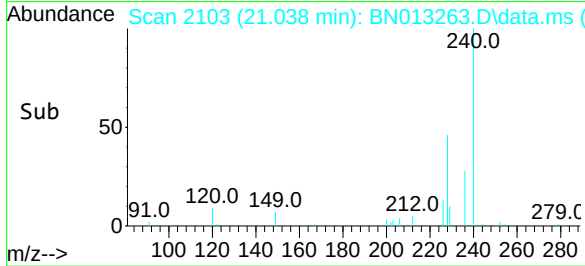
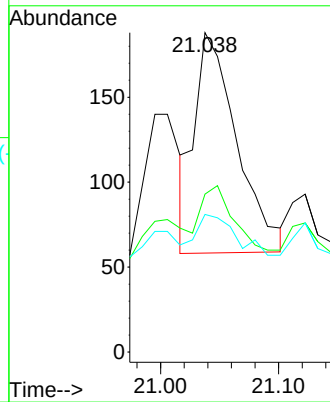
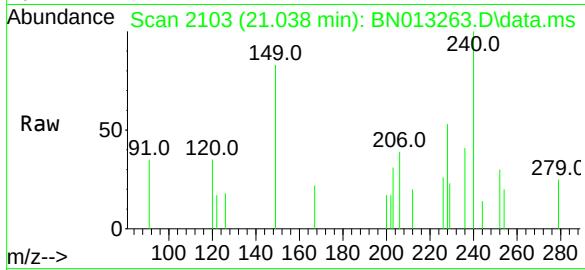
229 43.1 15.7 23.5#

Instrument :

BNA_N

ClientSampleId :

PB133673BL



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 20.921 min Scan# 2092

Delta R.T. 0.000 min

Lab File: BN013263.D

Acq: 22 Dec 2020 09:11

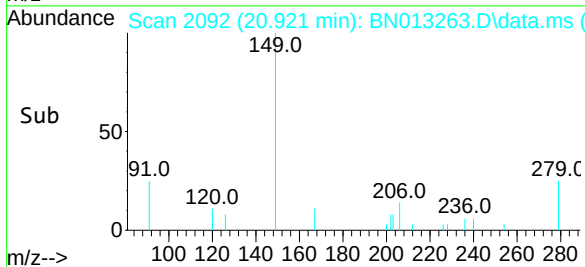
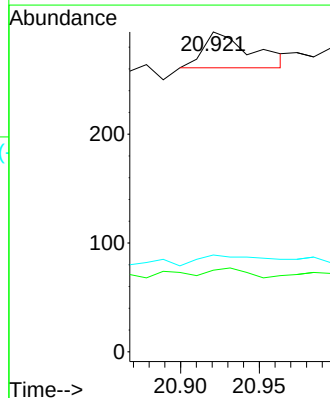
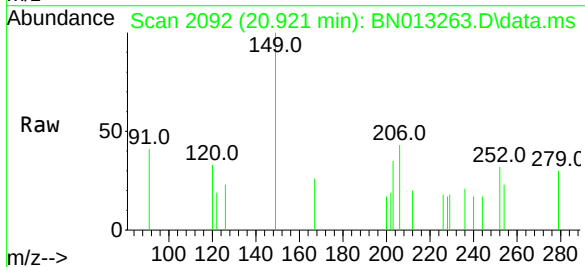
Tgt Ion:149 Resp: 70

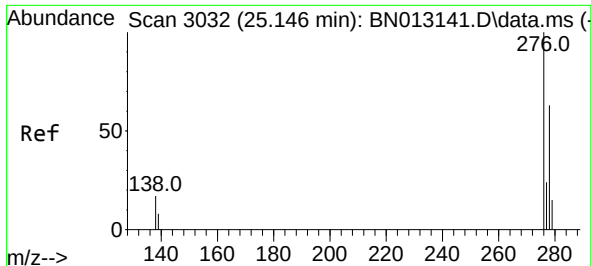
Ion Ratio Lower Upper

149 100

167 18.6 23.2 34.8#

279 41.4 3.9 5.9#

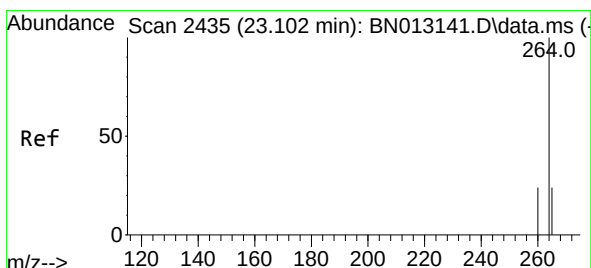
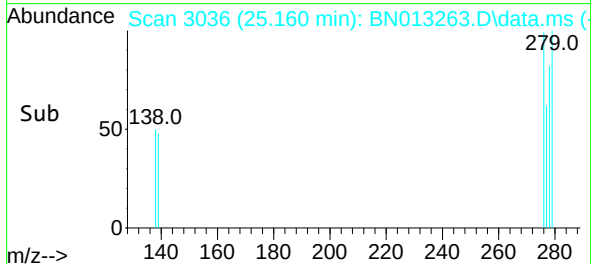
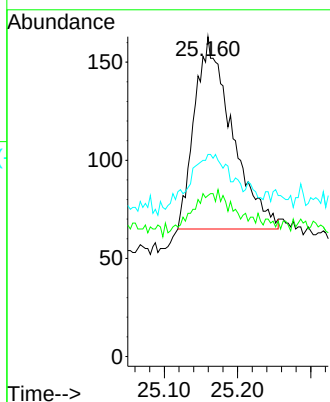
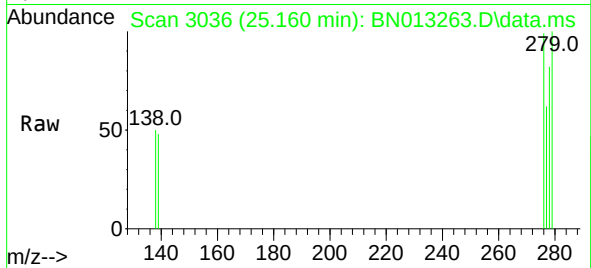




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.160 min Scan# 3036
 Delta R.T. 0.038 min
 Lab File: BN013263.D
 Acq: 22 Dec 2020 09:11

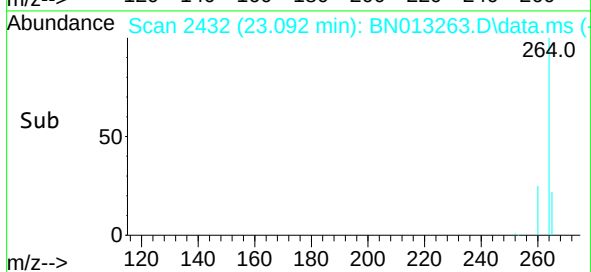
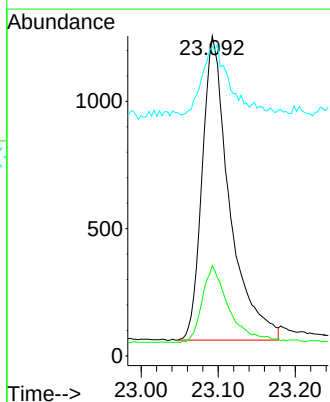
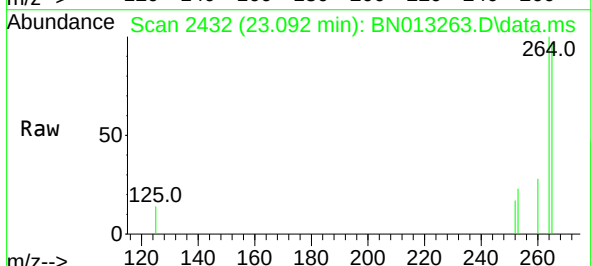
Instrument :
 BNA_N
 ClientSampleId :
 PB133673BL

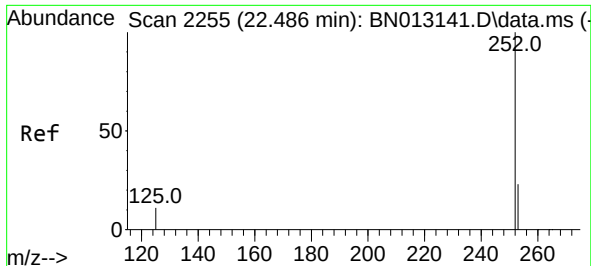
Tgt Ion:276 Resp: 347
 Ion Ratio Lower Upper
 276 100
 138 0.0 13.3 19.9#
 277 0.0 20.2 30.4#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.092 min Scan# 2432
 Delta R.T. 0.007 min
 Lab File: BN013263.D
 Acq: 22 Dec 2020 09:11

Tgt Ion:264 Resp: 2948
 Ion Ratio Lower Upper
 264 100
 260 28.2 19.8 29.6
 265 96.6 51.4 77.0#





#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.483 min Scan# 2254

Delta R.T. 0.010 min

Lab File: BN013263.D

Acq: 22 Dec 2020 09:11

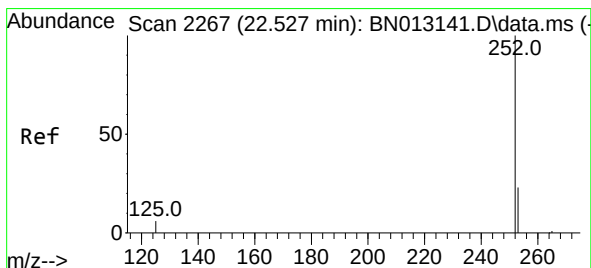
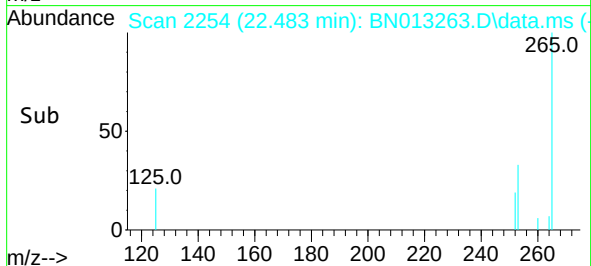
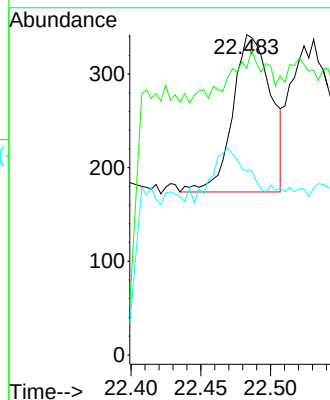
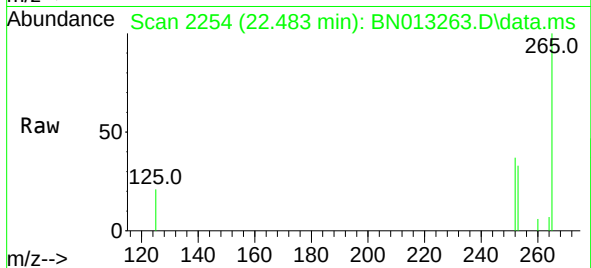
Tgt Ion:252 Resp: 321

Ion Ratio Lower Upper

252 100

253 89.5 20.1 30.1#

125 57.3 7.2 10.8#



#38

Benzo(k)fluoranthene

Concen: 0.03 ng

RT: 22.531 min Scan# 2268

Delta R.T. 0.017 min

Lab File: BN013263.D

Acq: 22 Dec 2020 09:11

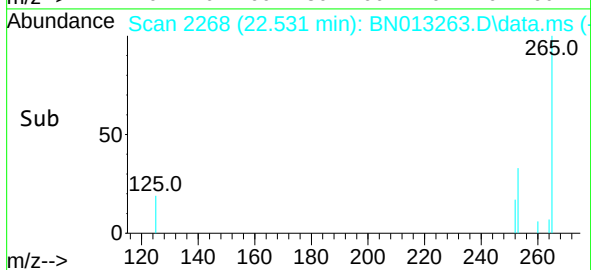
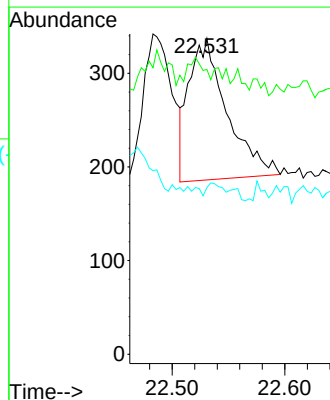
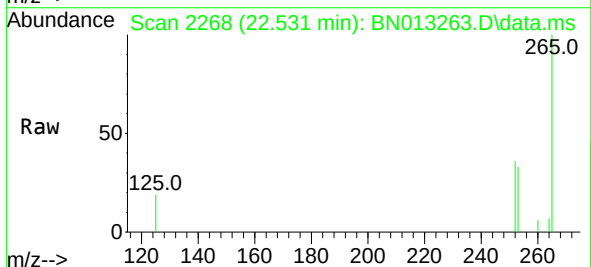
Tgt Ion:252 Resp: 355

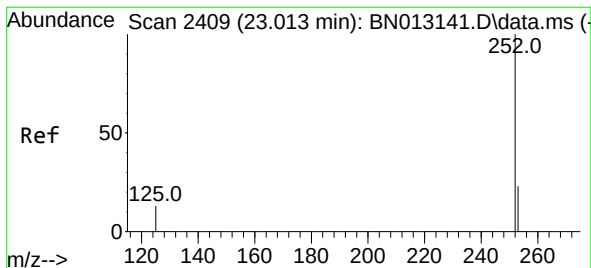
Ion Ratio Lower Upper

252 100

253 90.2 19.8 29.8#

125 52.8 7.1 10.7#

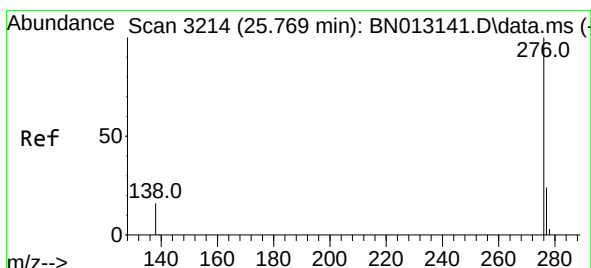
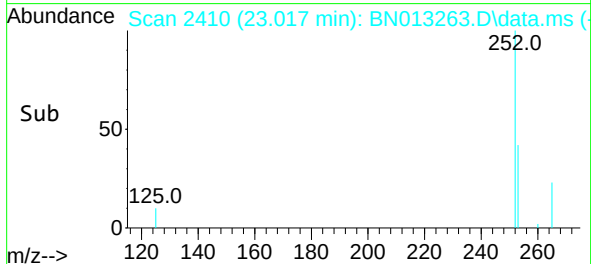
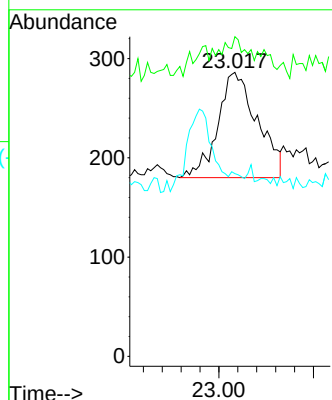
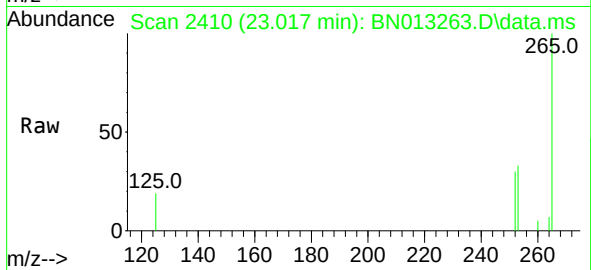




#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.017 min Scan# 2410
Delta R.T. 0.017 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Instrument :
BNA_N
ClientSampleId :
PB133673BL

Tgt Ion:252 Resp: 309
Ion Ratio Lower Upper
252 100
253 112.6 21.3 31.9#
125 64.3 8.3 12.5#



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.769 min Scan# 3214
Delta R.T. 0.027 min
Lab File: BN013263.D
Acq: 22 Dec 2020 09:11

Tgt Ion:276 Resp: 515
Ion Ratio Lower Upper
276 100
277 56.4 19.8 29.8#
138 47.3 11.7 17.5#

