

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013271.D
 Acq On : 22 Dec 2020 14:00
 Operator : CG/JU
 Sample : L5124-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20201211

Quant Time: Dec 22 16:01:56 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)

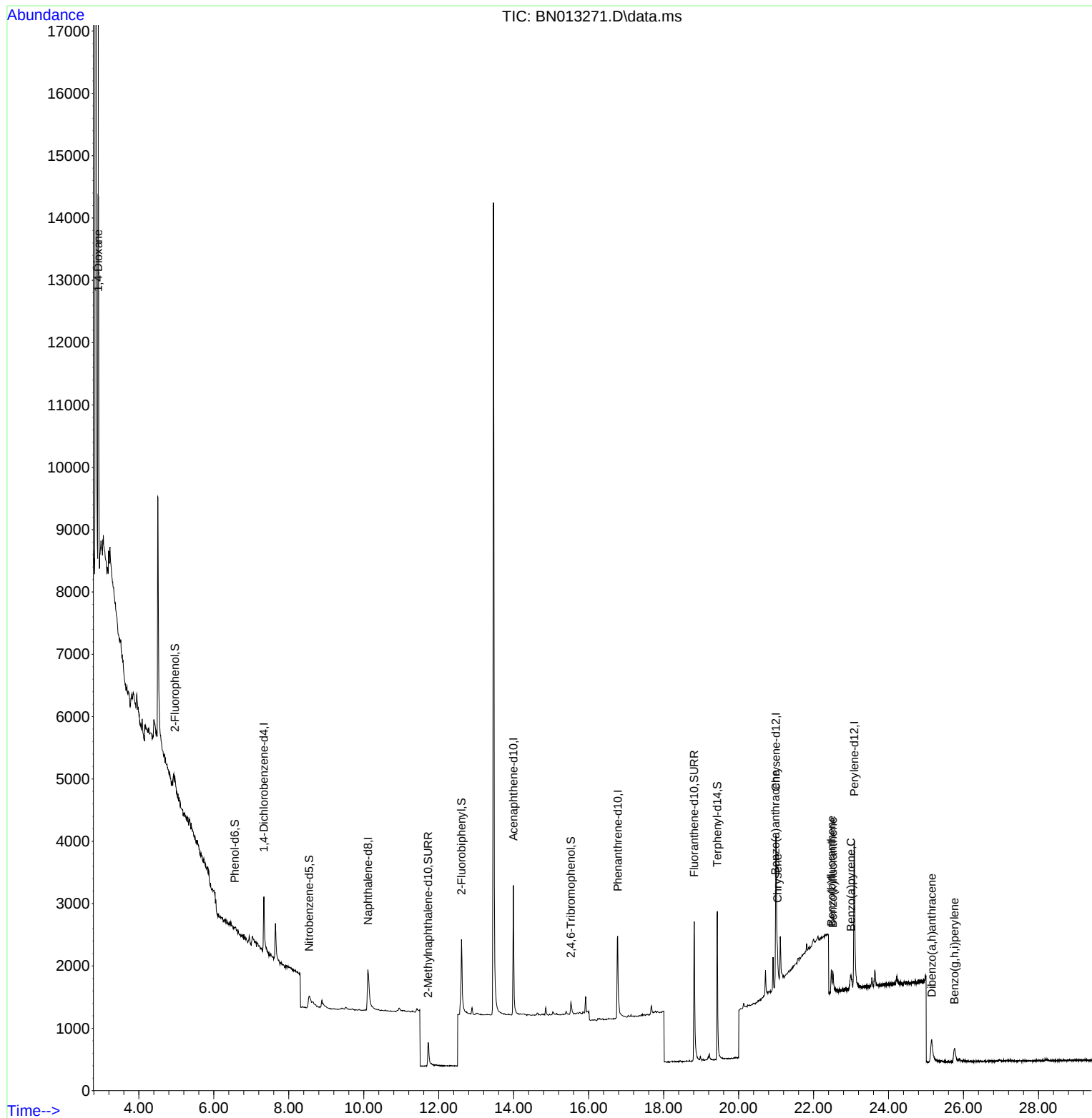
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	559	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1863	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1301	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	3049	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3174	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	3684	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	218	0.10	ng	0.00
5) Phenol-d6	6.557	99	100	0.04	ng	0.02
8) Nitrobenzene-d5	8.540	82	474	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.720	152	889	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.526	330	231	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1410	0.26	ng	0.00
27) Fluoranthene-d10	18.816	212	3683	0.37	ng	0.00
31) Terphenyl-d14	19.432	244	3186	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.917	88	7204	7.39	ng	# 94
32) Benzo(a)anthracene	20.984	228	350	0.03	ng	# 60
33) Chrysene	21.038	228	395	0.03	ng	# 76
37) Benzo(b)fluoranthene	22.479	252	410	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	436	0.03	ng	# 1
39) Benzo(a)pyrene	22.996	252	399	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.156	278	351	0.03	ng	# 1
41) Benzo(g,h,i)perylene	25.755	276	617	0.04	ng	# 42

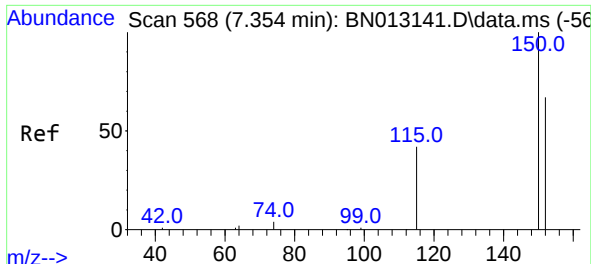
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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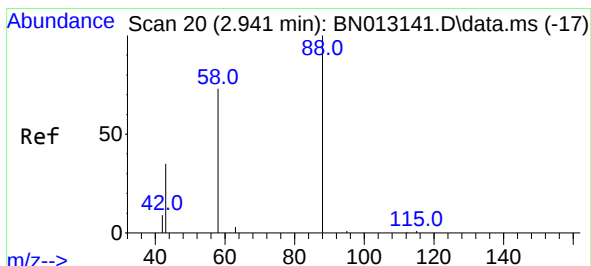
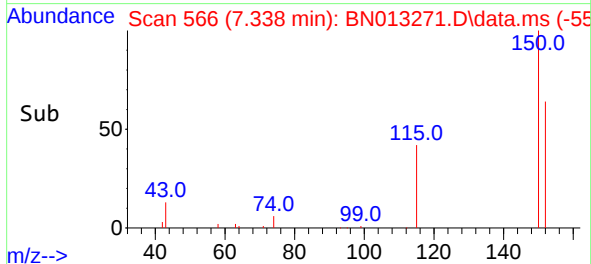
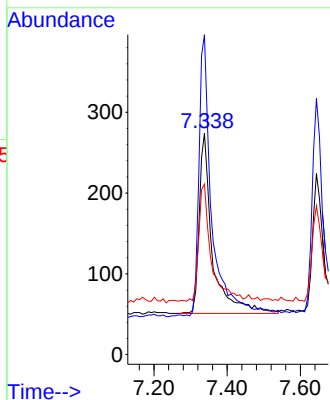
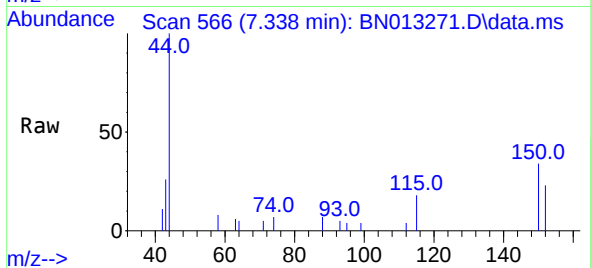




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

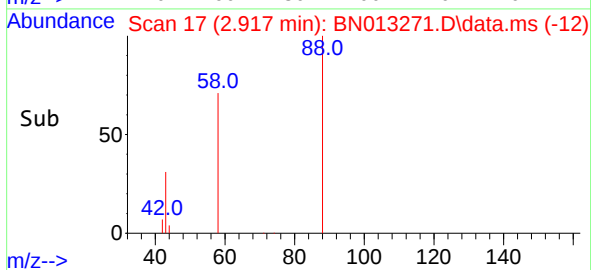
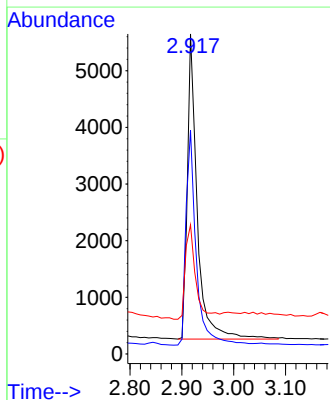
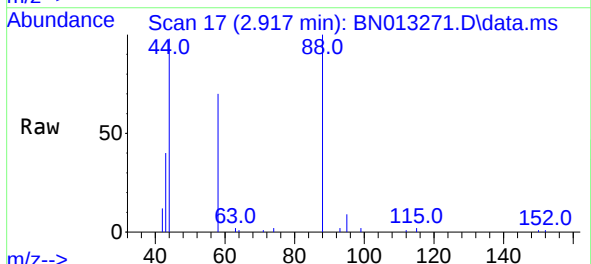
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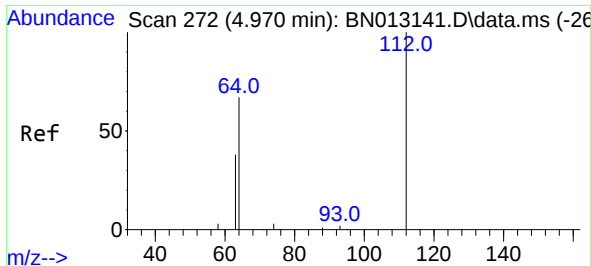
Tgt Ion:152 Resp: 559
Ion Ratio Lower Upper
152 100
150 144.5 116.6 174.8
115 77.0 52.9 79.3



#2
1,4-Dioxane
Concen: 7.39 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion: 88 Resp: 7204
Ion Ratio Lower Upper
88 100
58 72.1 59.4 89.2
43 32.3 32.3 48.5

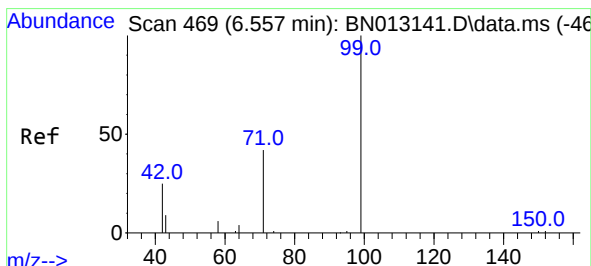
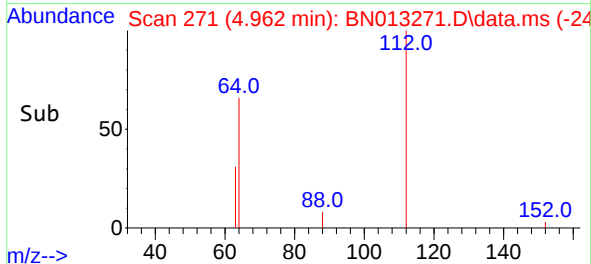
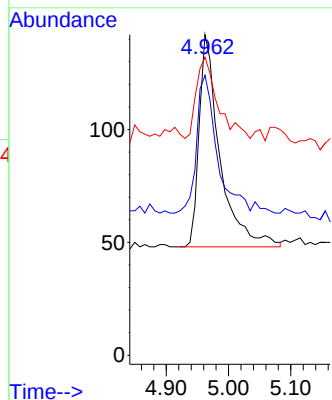
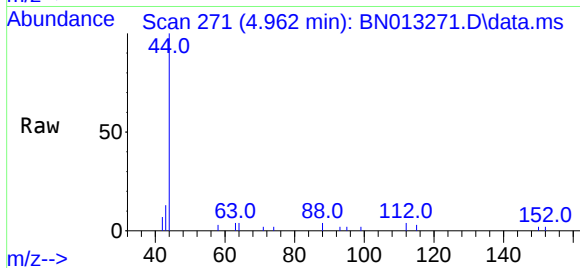




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

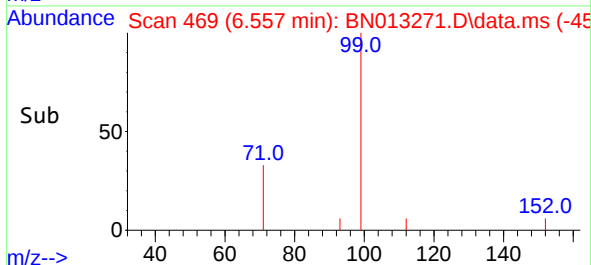
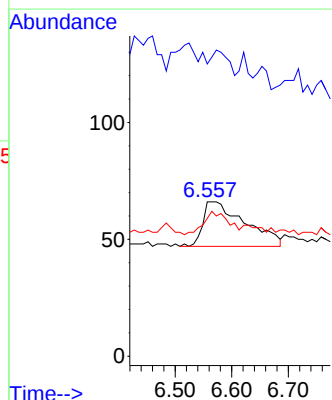
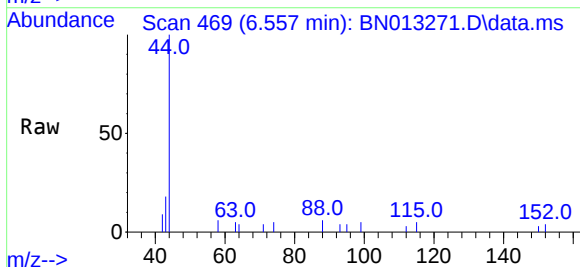
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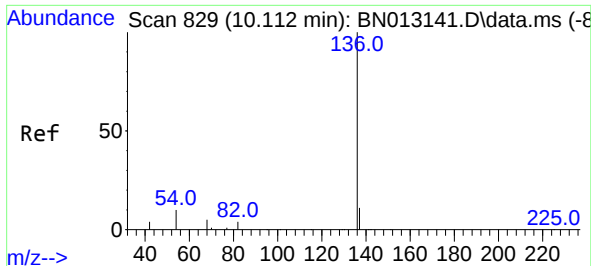
Tgt Ion:112 Resp: 218
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 44.5 32.0 48.0



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.016 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion: 99 Resp: 100
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 29.0 37.8 56.6#

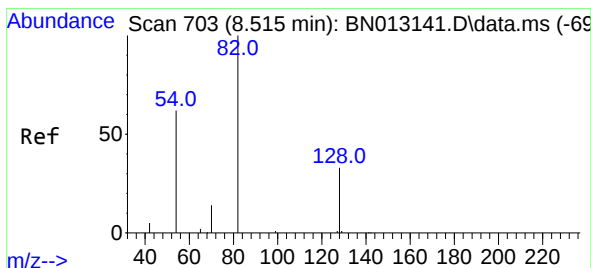
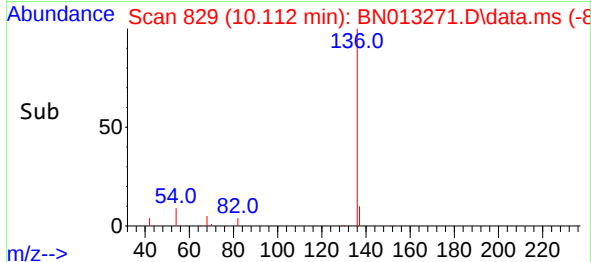
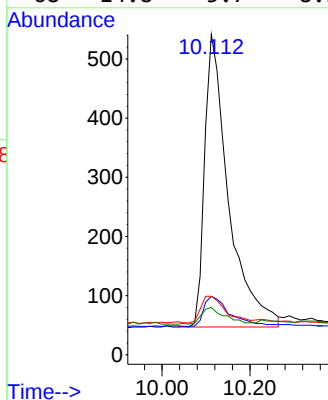
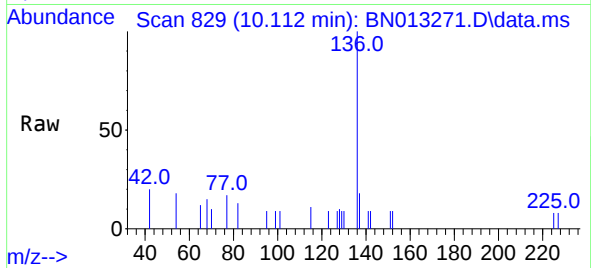




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

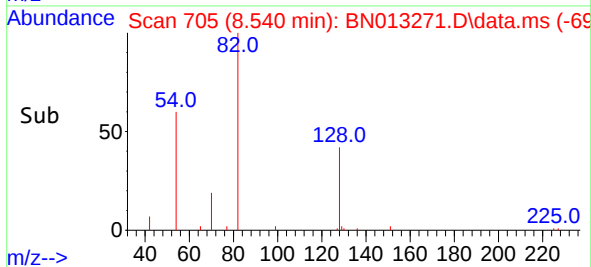
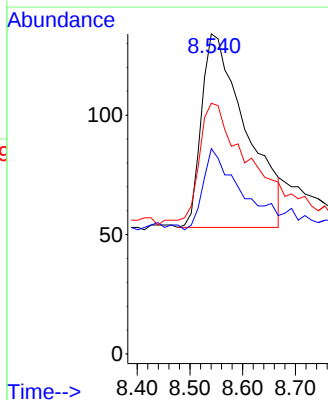
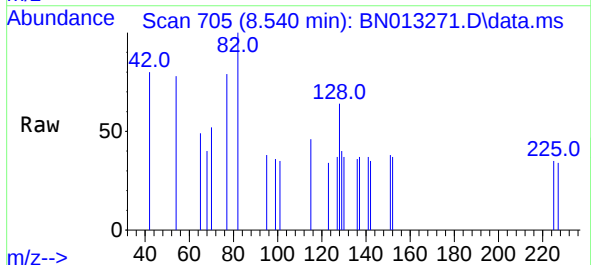
Instrument :
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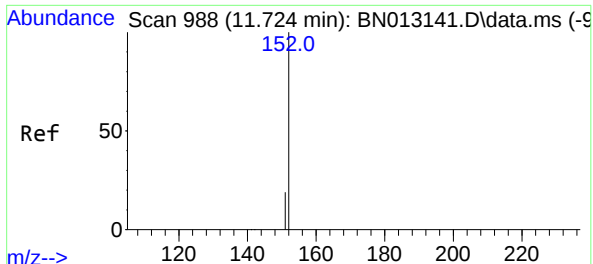
Tgt Ion:	136	Resp:	1863
Ion	Ratio	Lower	Upper
136	100		
137	18.3	10.6	15.8#
54	18.3	8.6	12.8#
68	14.8	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:	82	Resp:	474
Ion	Ratio	Lower	Upper
82	100		
128	64.2	30.6	46.0#
54	78.4	48.3	72.5#

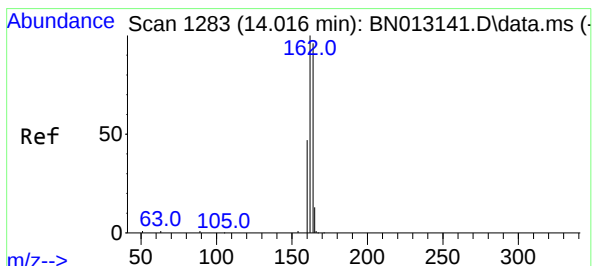
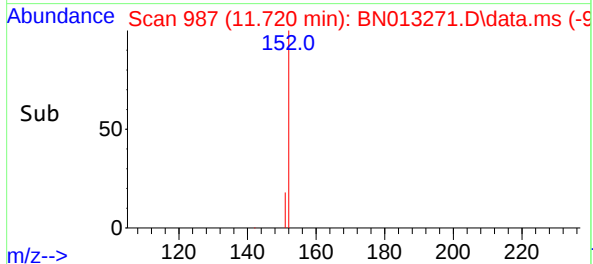
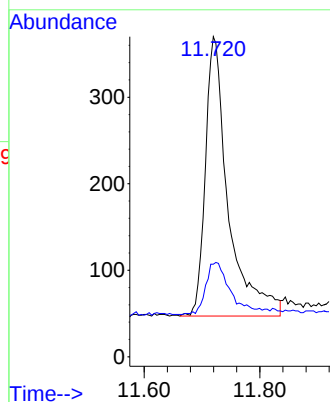
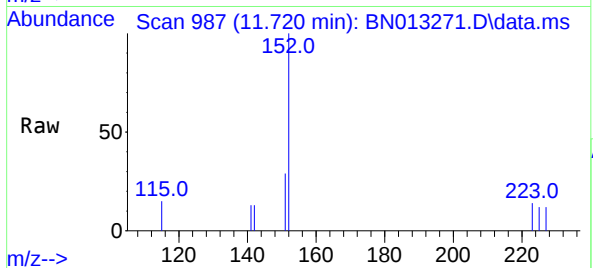




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.720 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

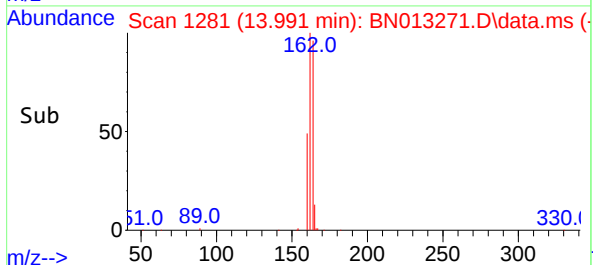
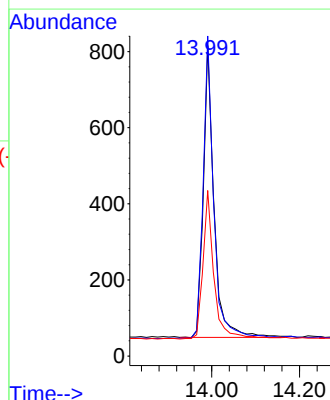
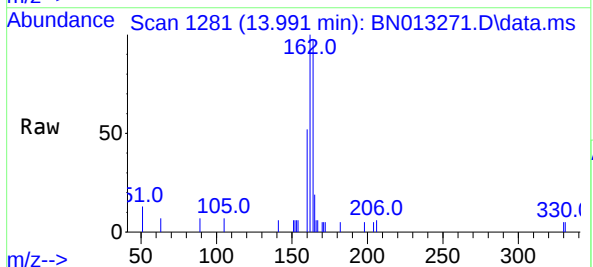
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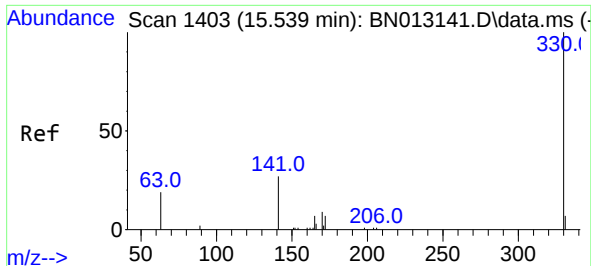
Tgt Ion:152 Resp: 889
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:164 Resp: 1301
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 53.3 39.5 59.3

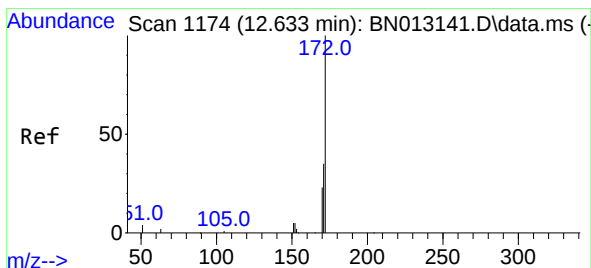
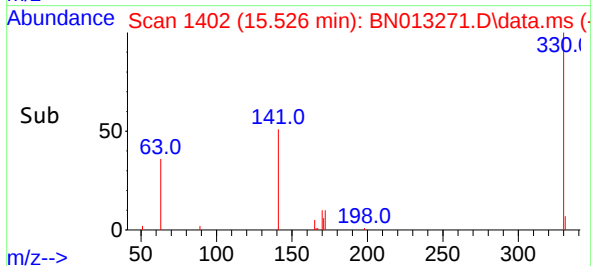
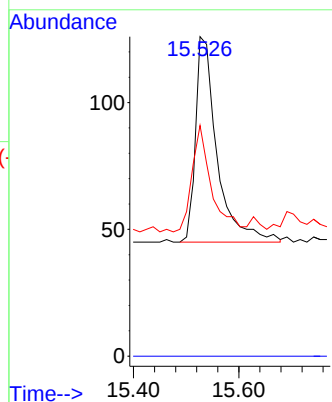
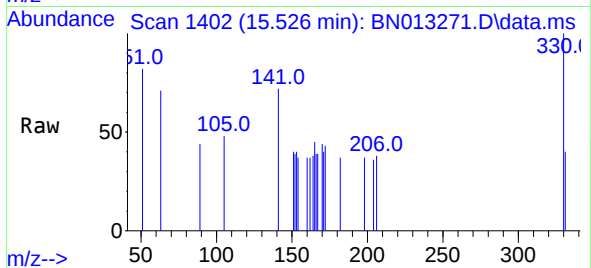




#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

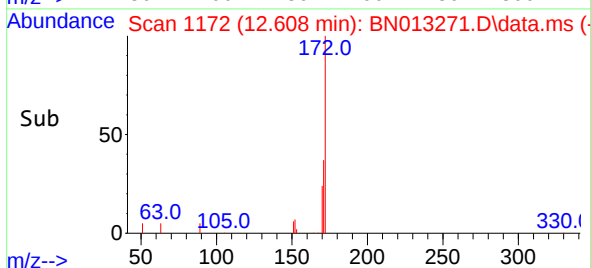
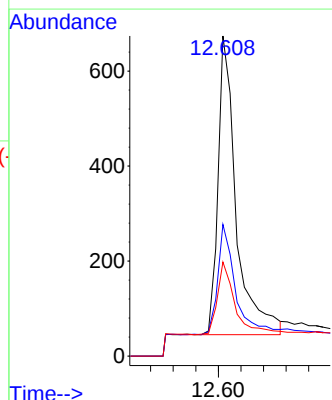
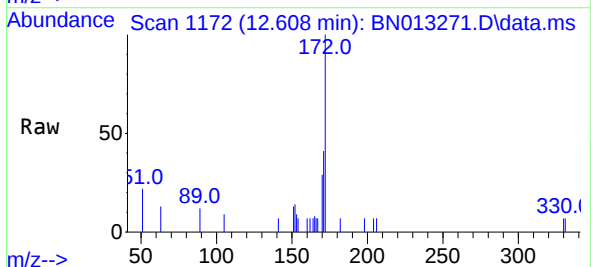
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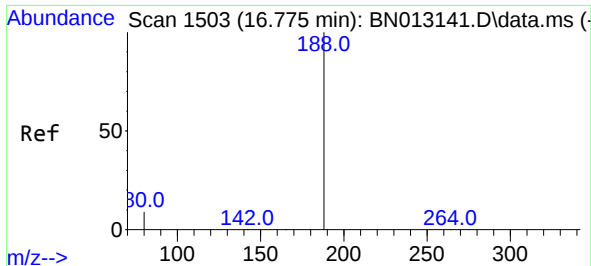
Tgt Ion:330 Resp: 231
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.3 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.608 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:172 Resp: 1410
Ion Ratio Lower Upper
172 100
171 41.1 28.2 42.4
170 29.4 20.0 30.0

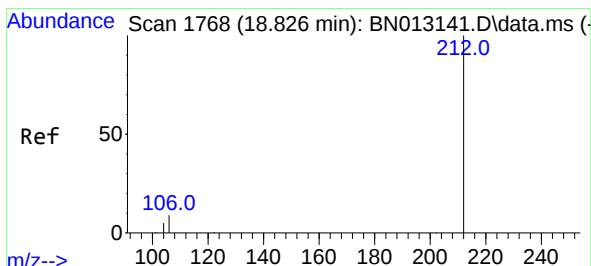
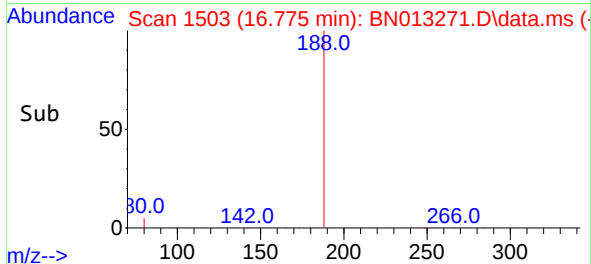
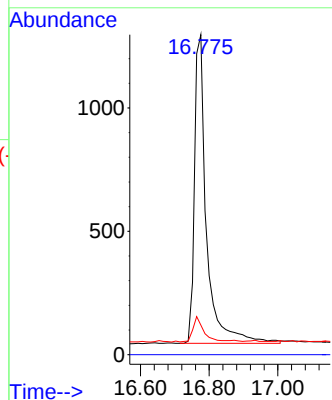
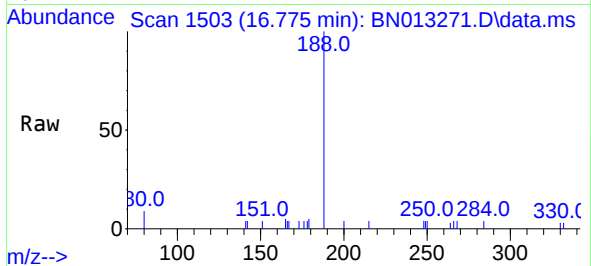




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

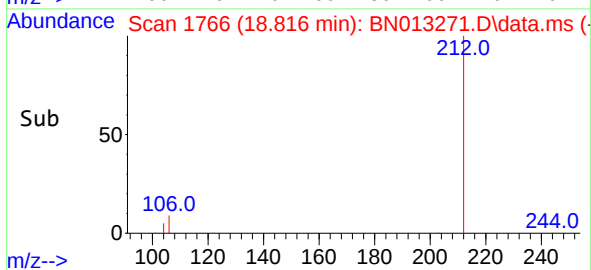
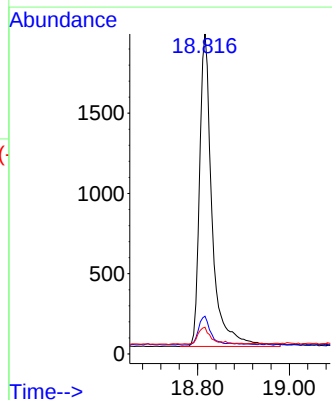
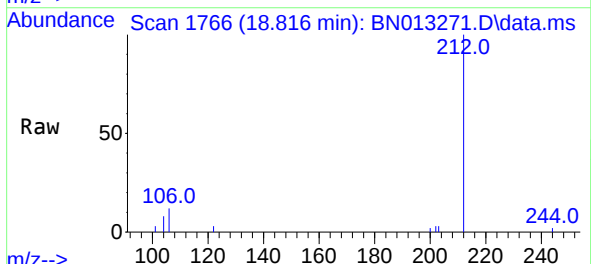
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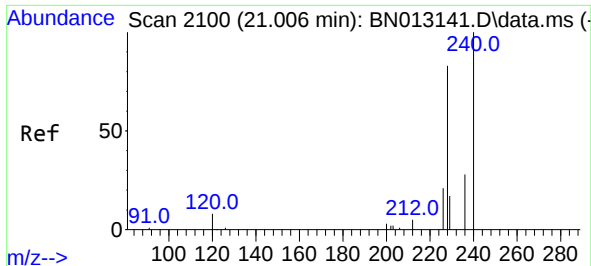
Tgt Ion:188	Resp:	3049
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.3	7.4#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.816 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:212	Resp:	3683
Ion Ratio	Lower	Upper
212	100	
106	8.7	6.8
104	4.9	4.1

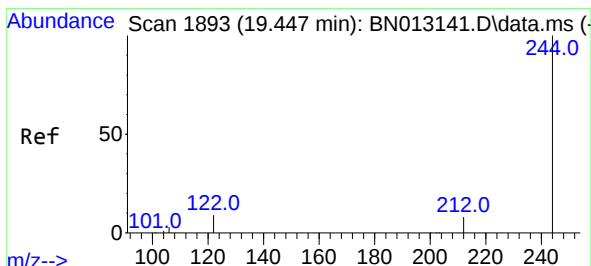
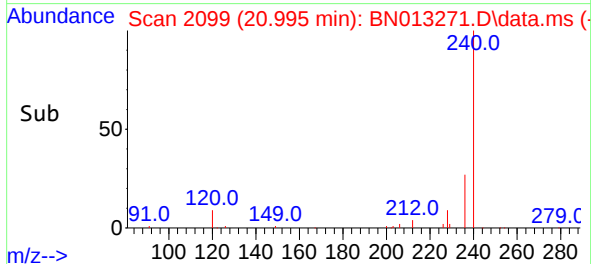
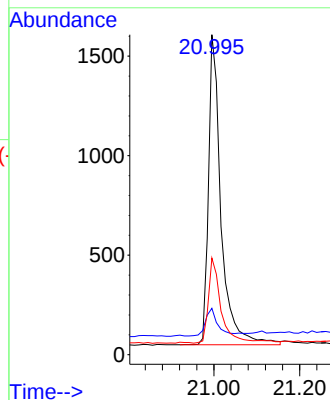
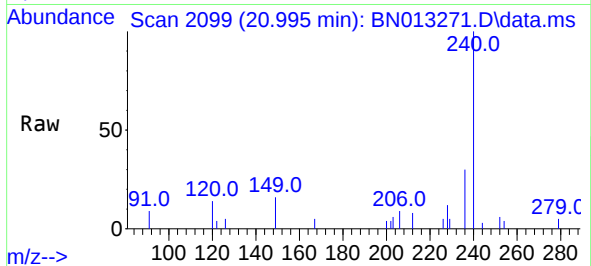




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

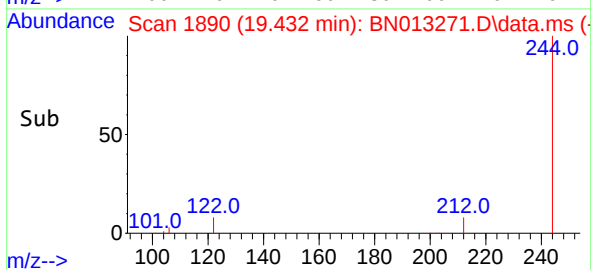
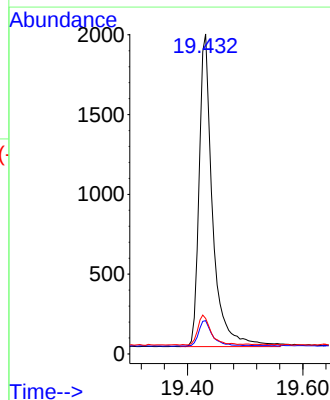
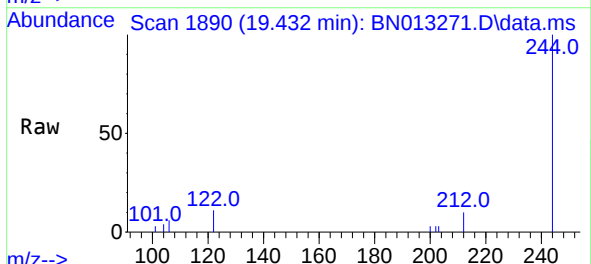
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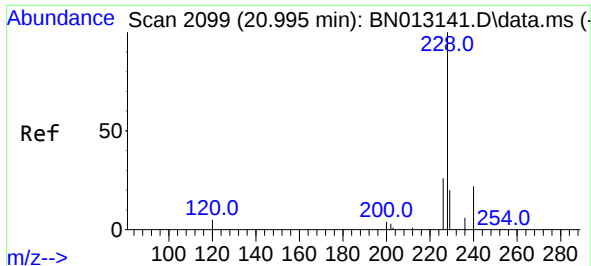
Tgt Ion:240 Resp: 3174
Ion Ratio Lower Upper
240 100
120 14.5 5.3 7.9#
236 30.2 21.8 32.8



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.432 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:244 Resp: 3186
Ion Ratio Lower Upper
244 100
212 10.4 7.3 10.9
122 11.1 7.3 10.9#

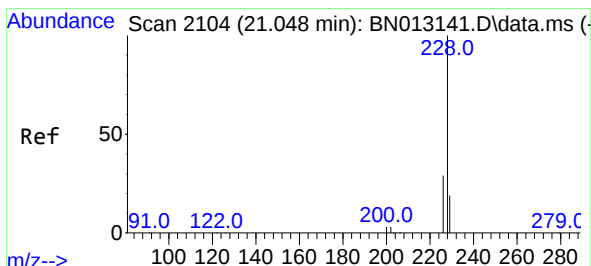
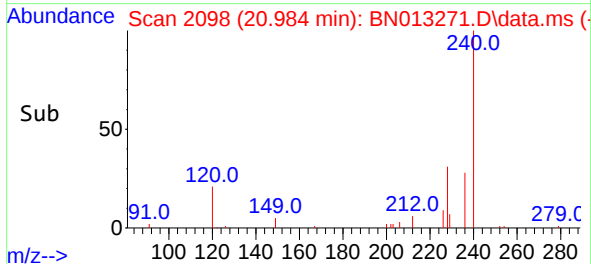
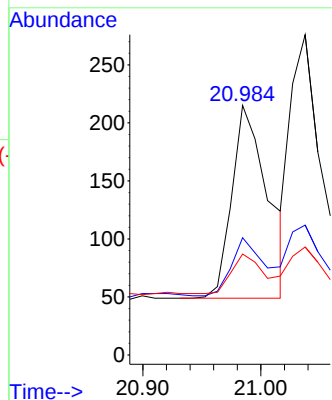
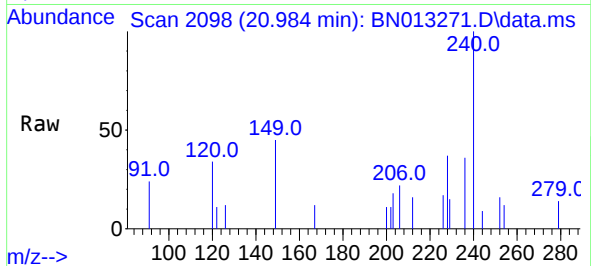




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.984 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

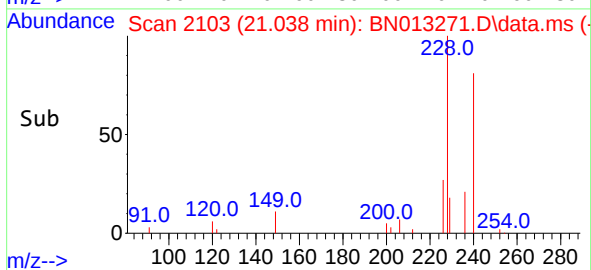
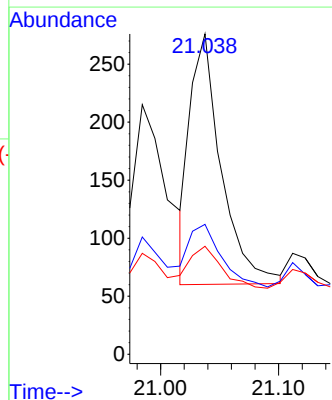
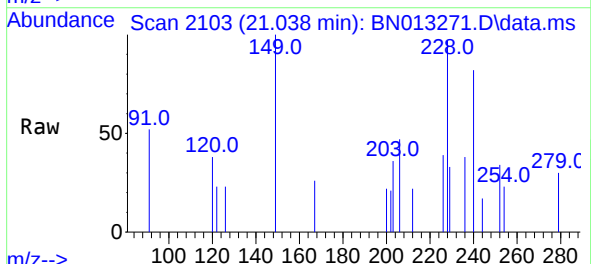
Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211

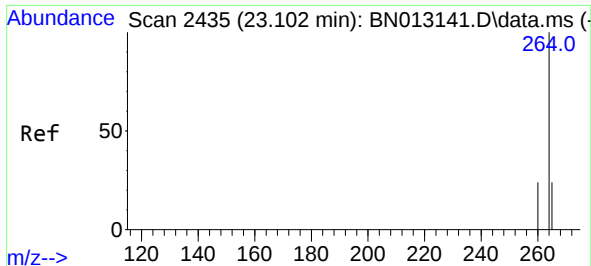
Tgt Ion:228 Resp: 350
Ion Ratio Lower Upper
228 100
226 47.0 22.3 33.5#
229 40.5 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.038 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:228 Resp: 395
Ion Ratio Lower Upper
228 100
226 40.6 24.2 36.2#
229 33.7 15.7 23.5#



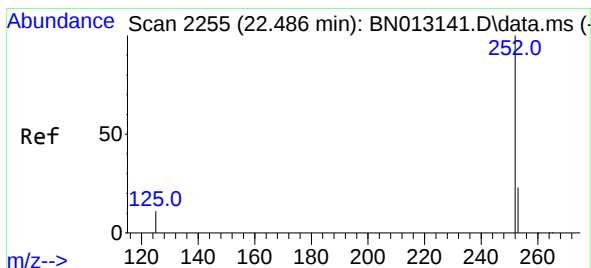
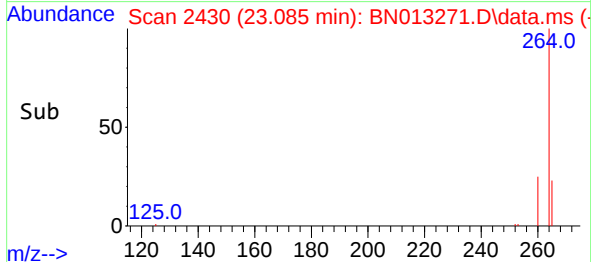
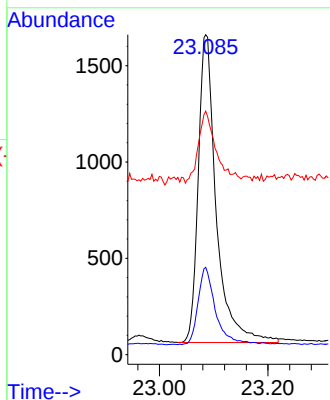
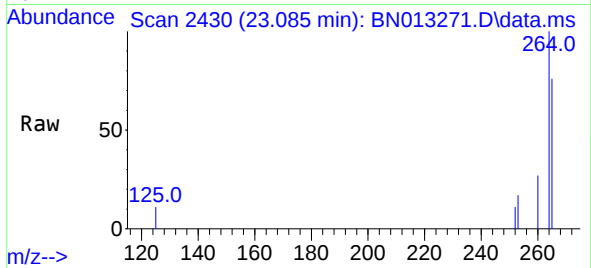


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.085 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BN013271.D
 Acq: 22 Dec 2020 14:00

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20201211

Tgt Ion:264 Resp: 3684

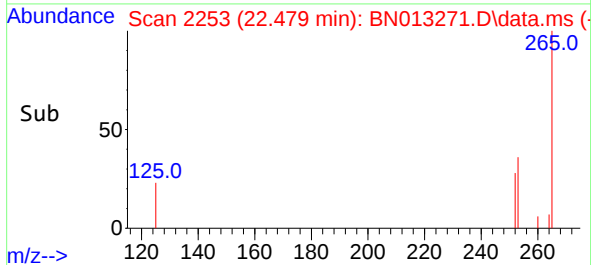
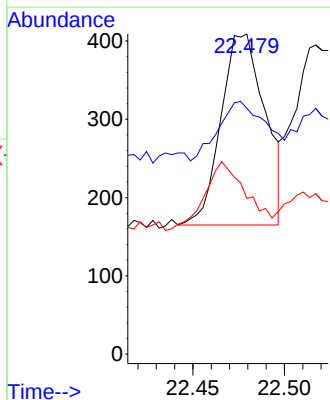
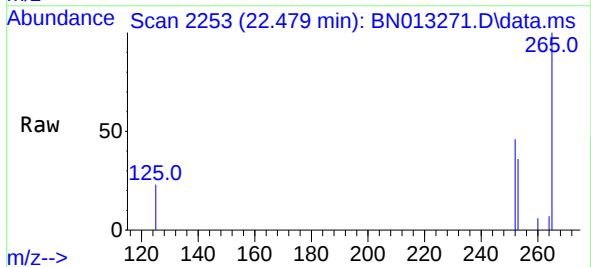
Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.8	29.6
265	76.1	51.4	77.0

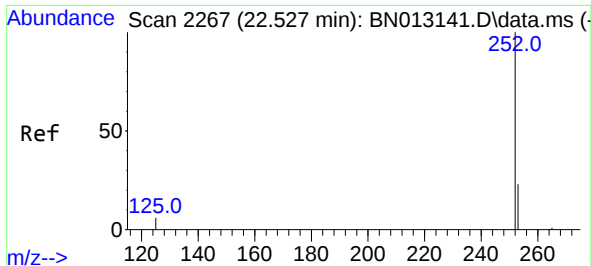


#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.479 min Scan# 2253
 Delta R.T. 0.007 min
 Lab File: BN013271.D
 Acq: 22 Dec 2020 14:00

Tgt Ion:252 Resp: 410

Ion	Ratio	Lower	Upper
252	100		
253	76.8	20.1	30.1#
125	48.7	7.2	10.8#

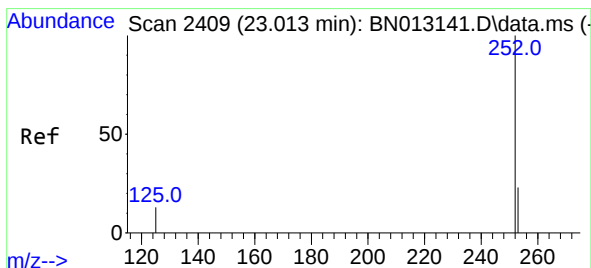
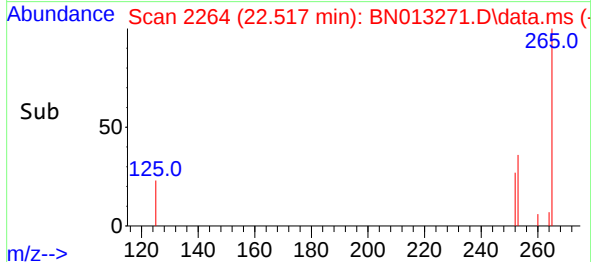
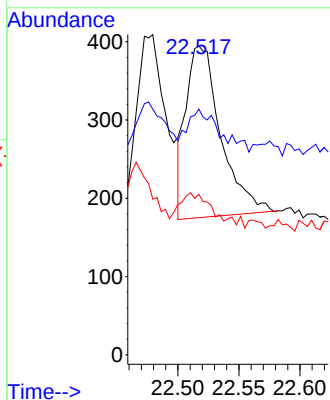
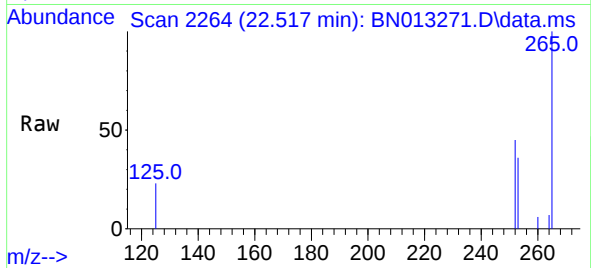




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.517 min Scan# 2264
Delta R.T. 0.003 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

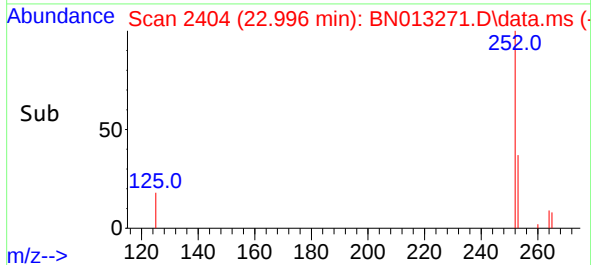
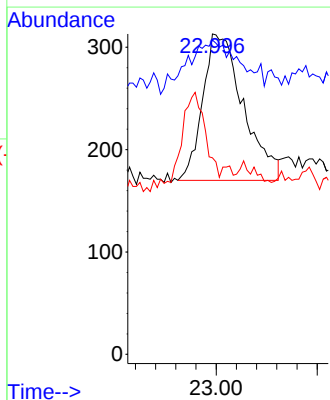
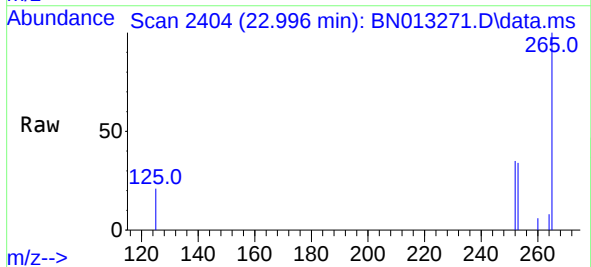
Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211

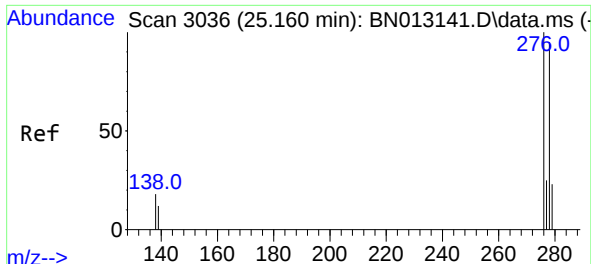
Tgt Ion:252 Resp: 436
Ion Ratio Lower Upper
252 100
253 79.5 19.8 29.8#
125 51.9 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 22.996 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:252 Resp: 399
Ion Ratio Lower Upper
252 100
253 98.1 21.3 31.9#
125 61.3 8.3 12.5#

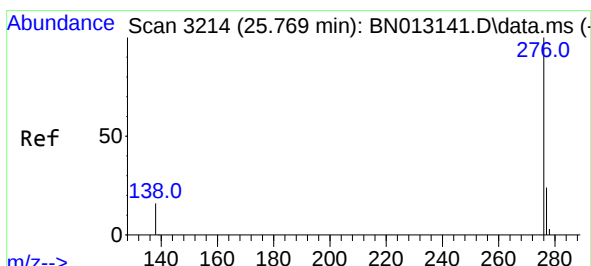
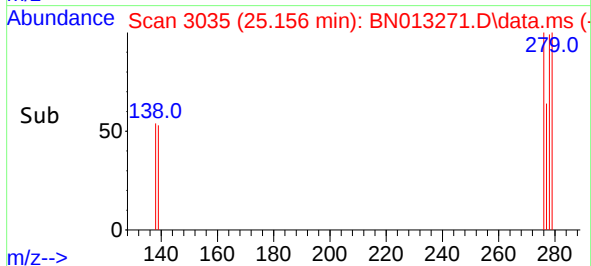
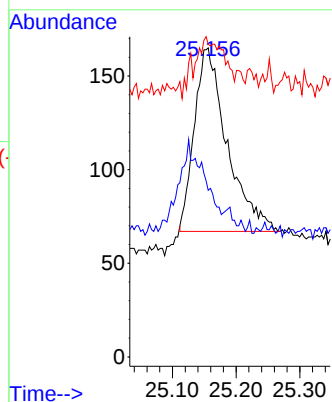
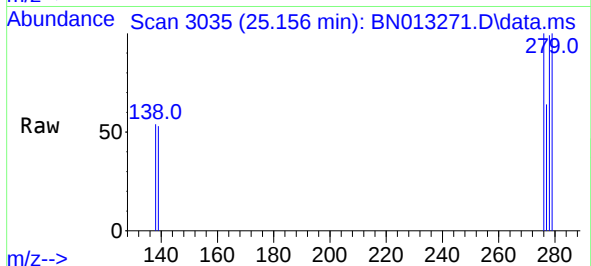




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.156 min Scan# 3035
Delta R.T. 0.024 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Instrument :
BNA_N
ClientSampleId :
RE131D1-20201211

Tgt Ion:278 Resp: 351
Ion Ratio Lower Upper
278 100
139 53.9 9.3 13.9#
279 101.2 21.6 32.4#



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.014 min
Lab File: BN013271.D
Acq: 22 Dec 2020 14:00

Tgt Ion:276 Resp: 617
Ion Ratio Lower Upper
276 100
277 52.0 19.8 29.8#
138 41.2 11.7 17.5#

